WSIS Stocktaking Success Stories 2024

WSIS

ITU

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The WSIS team would like to acknowledge the tremendous contributions from governments, international organizations, the private sector, civil society, and other stakeholders in providing information on ongoing projects and initiatives to the WSIS Stocktaking Platform. The WSIS Success Stories 2020 report is based on the contributions provided by 18 WSIS Prize winners (18 success stories).

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Introduction

Since 2012, WSIS Prizes has been celebrating the remarkable efforts made by entities and organizations that focus on accelerating socio-economic progress of the whole world as a community. The United Nations Economic and Social Council (ECOSOC) resolution 2019/24 and the ECOSOC Resolution 2020/12 reiterate the importance of recognizing excellence in the implementation of the projects and initiatives that further the WSIS Action Lines and encourages all stakeholders to nominate their ICT-related projects for the annual WSIS Prizes contest as an integral part of the WSIS Stocktaking process (www.wsis.org/stocktaking).

The submission phase for the WSIS Prizes 2024 was launched. We received a record number of 1049 project submissions, out of which, 360 exceptional projects were shortlisted for the Nomination Phase. Thirty-three submissions were rejected based on Rules and Guidelines.

The WSIS Stocktaking: Success Stories 2024 publication offers an in-depth look at the winning projects of the WSIS Prizes 2024. This report contains information about the winners of each WSIS Action Line Category, providing a description of the project and their activities. It also explores the linkages between the WSIS Action Line the project was awarded for and the SDGs it helped advance. In addition, it provides highlights of the project's partnership activities, the social, economic and environmental impact of the project as well as the challenges they face and future perspectives. It also elucidates on the winner's views on the WSIS Stocktaking and Prizes contest, including its relevance to SDGs.

Should you have any questions or want to learn more about the WSIS Prizes contest, please do not hesitate to contact the WSIS team.

Executive Summary

Each year during the WSIS Forum 18 stakeholders are awarded WSIS Prizes as a unique mark of global recognition for excellence in the implementation of the WSIS outcomes. To this end, 18 projects are selected as the most successful stories worldwide, under each WSIS Action Line category, to serve as best-practice models to be replicated by other stakeholders interested in information and communication technologies (ICTs) for development. These projects brilliantly demonstrate how the Sustainable Development Goals (SDGs) can be achieved with concrete actions and inspire other stakeholders all over the world to follow their success.

The WSIS Prizes contest is open to all stakeholders: governments, businesses, civil society, international organizations, academia and others. The contest comprises 18 categories directly linked to the WSIS Action Lines outlined in the Geneva Plan of Action. This year's final list of 360 nominated projects represented a wide range of stakeholders.

This includes, by region: 177 from the Asia and Pacific region, 32 from the Latin America and the Caribbean region, 30 from the Eastern Europe, 61 from the Western Europe and North America region, and 60 from the Africa region.

Building on the outcomes of the United Nations General Assembly (UNGA) Overall Review on WSIS, as well as on the 2030 Agenda for Sustainable Development, WSIS Prizes 2024 reflects the linkages between the projects and the SDGs. ICTs are enablers for sustainable development and the objective of the WSIS Stocktaking process, including the WSIS Prizes, is to report on ICT success stories to best showcase the possible achievement of SDGs through the implementation of projects related to the WSIS Action Lines.

The International Telecommunication Union (ITU) announced the top-90 winning Information and Communication Technology for Development (ICT4D) initiatives from around the world competing in the prestigious WSIS Prizes 2024 contest (more information on the WSIS Prizes champions is available here).

WSIS Action Line C1.

The Role of Governments and All Stakeholders in the Promotion of ICTs for Development

The National Data Bank (NDB) and Estishraf

Saudi Data & AI Authority

Saudi Arabia / Government

Basic Information about your Entity

The Saudi Data and AI Authority (SDAIA) is a government entity established to drive the Kingdom of Saudi Arabia's digital transformation through the strategic use of data and artificial intelligence. It serves as the central authority responsible for formulating policies, strategies, and regulations related to data and AI initiatives in the country. SDAIA aims to harness the power of data and AI technologies to enhance various sectors such as healthcare, education, transportation, and government services. It works towards fostering innovation, promoting collaboration between public and private sectors, and ensuring the responsible and ethical use of data and AI.

Project's Description (activity's description)

Most of the government organizations have limited access to the much-needed, high quality cross government data assets and always struggle to discover and get hold of those trusted data assets to generate actionable insights.

To address pain points of government entities face, SDAIA has established two game-changer units: National Data Bank (NDB) and Estishraf. NDB is a constellation of interconnected national data platforms that aim at accelerating data sharing, improving national data quality, and instilling data as a common denominator for the digital economy in the Kingdom. These platforms include National Data Lake, Data Marketplace, Collaborative Data Labs, National Data Catalog, Reference Data Platform and Open Data

Portal. These platforms are specifically designed to position KSA as a global leader in data-driven governance and sustainable development.

Estishraf; SDAIA's analytical powerhouse, leverages the wealth of national data and analytical capabilities to extract insights and builds AI-based solutions. This equips decision-makers with the knowledge needed in pursuit of national aspirations and has established an estimated 51 billion riyals in potential government revenue and savings

This national scale data and analytics ecosystem aspiring to achieve following goals:

- Contributing sizable non-oil revenue in the GDP of the Kingdom
- Instilling data as a common denominator for the digital economy
- Increasing national productivity, international competitiveness
- Steering ESG/SDGs initiatives for sustainable competitiveness
- Realizing positive economic and financial benefits of national policies and decisions

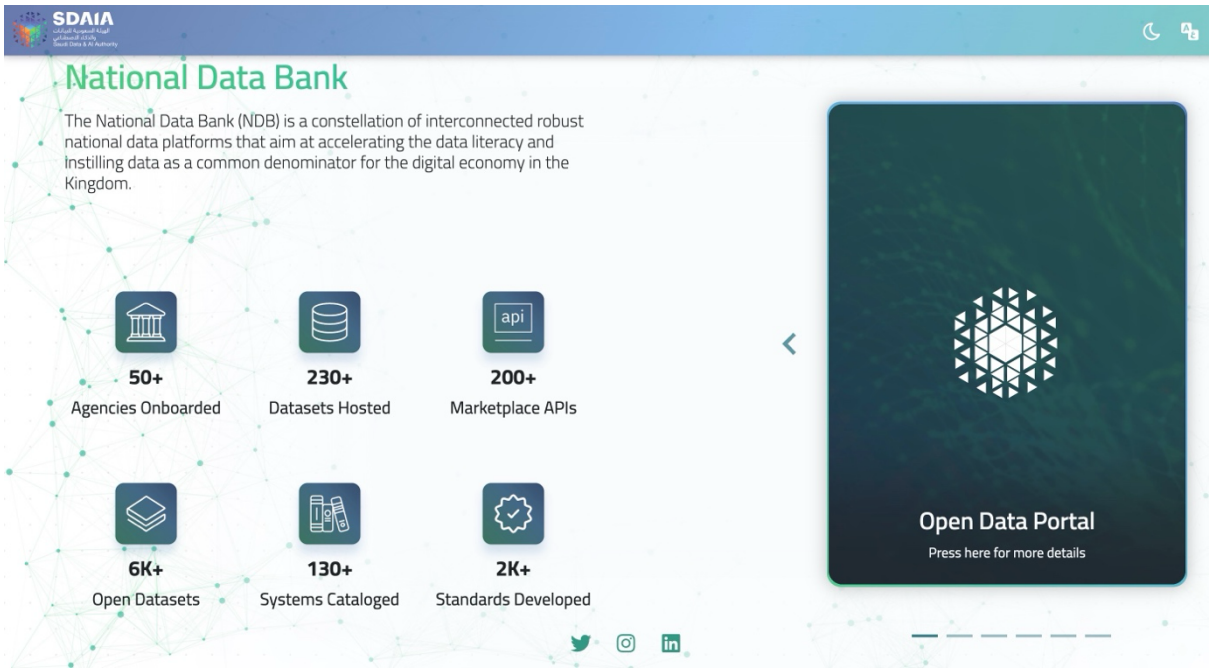
Furthermore, phenomenal progress has been achieved and now these platforms have become the focal point of the data and insights related activities across government entities with following results:

- National Data Lake: 60 Government agencies +300 Datasets
- Open Data Portal: +7.5K Datasets from 9 sectors
- National Data Marketplace: +420 APIs (more on the way)
- National Data Catalog: +300 large systems, +50 Agencies
- National Reference Data Platform: +200 reference data tables

By harnessing the power of data science, advanced analytics, and artificial intelligence, Estishraf has transformed the way government entities formulate policies and address key challenges. NDB ensures the frictionless accessibility and sharing of it across the government sectors at scale by organizing, documenting, governing these national data assets through various supplementary platforms (National Data Lake, Data Marketplace, Collaborative Data Labs, National Data Catalog, Reference Data Platform and Open Data Platform) and governance and technical data standards.

Estishraf as well follows a structured implementation process and has specific

target beneficiaries. By identifying government needs and assessment, Estishraf builds on the data collection and preparation capabilities by the NDB which enable the analysis and insight generation that support the mandate of multiple government entities.



Examples of linkages between the WSIS Action Line the Project was awarded for with each of the Sustainable Development Goals it Helps Advance

Estishraf, leveraging NDB plays a pivotal role in addressing almost all the SDGs through the analytical capabilities and data-driven approach. The data artifacts collected and curated under NDB along with the diverse expertise Estishraf has requited, are playing a key role in helping shaping up social, environment, and economic policies and acts which are contributing towards the social and economic uplift of the people living in KSA. However, the direct impact can be distinct in the following SDGs:

Good Health and Well-being: Estishraf played a significant role during the pandemic by developing health analytics and hospital capacity. Estishraf played a significant role during the pandemic by developing health analytics and monitoring metrics for the pandemic spread in the Kingdom and supporting decision making in regards to monitoring things back to normal, including businesses and government operations and

capacity planning.

Industry, Innovation, and Infrastructure: the AI visual pollution detection tool developed by Estishraf promotes innovation and enhancing industry practices by leveraging AI and advanced image processing techniques, while also fostering **sustainable cities and communities** through the identification and mitigation of visual pollution. The tool assists in identifying and addressing visual pollution, enabling cleaner, more attractive, and sustainable urban environments which contributes to infrastructure development, inclusive industrialization, efficient government interventions, and reducing the environmental impact of urban areas. It has also

Estishraf also worked with with the associated entities to improve housing affordability programs for citizens and define eligibility criteria as well as housing preferences. Estishraf also conducted many projects in supporting associated entities to elevate road safety by identifying accidents danger zones to help understanding root causes and develop mitigation/solution plans and corrective measures.

Peace, Justice, and Strong Institutions: Estishraf has been a strong partner to the Ministry of Interior and the Narcotics Control by analyzing data related to crime, drug consumption, and justice systems to identify areas for improvement, support evidence-based policymaking, and promote transparency and accountability. Such work ensures responsive, inclusive, participatory and representative decision-making at all levels.

Social, Economic and Environmental Impact of the Project

Estishraf builds on the NDB and advanced data analytics to help answer national concerns. Doing so, it relies heavily on emerging technology, world-class talent pool in AI, data engineering, data science and software development. It uses different innovative machine learning technologies to forecast and understand future or trend patterns to help government entities with delivering inclusive services and enabling digital transformation. Estishraf supports various decision makers in the government to simulate demographic, behavioral, economic, environmental and policy changes that has multidimensional impact on the citizen (such as visitors, residents, and tourists), city (such as city services and infrastructure), government (such as policy, enforcement and service delivery), environment (such as sustainability and reusability of resources), and economy (such as GDP, diversification and cost efficiency)

Open Data Platform ensure all the high-quality data classified a public (no personal and rightly aggregated) covering various dimensions such as mobility, education, health,

financial etc. is widely available to researchers, academia, private sector and aspiring citizen data scientists to leverage this data for solving civic challenges and social innovation including sustainability initiatives such as efficient green urban living, better mobility to reduce emissions etc.

The following data artifacts are playing a key role in helping to shape up social, environment, and economic activities contributing towards the social and economic uplift of the people living in KSA.

- +100 government entities benefiting from Estishraf's analytical outcomes.
- +51 SAR Billion in cost saving and non-oil revenues potential opportunities.
- +40 Government agencies are onboarded in National Data Lake for consumers with +240 Systems
- +200 APIs are offered and growing on daily basis through National Data Marketplace
- +6000 Datasets from 9 sectors are hosted on Open Data Portal
- +130 large business systems, +10 Agencies, + 200 KPI/Metrics, +1500 Business attributes, +1000 Glossaries, +100 Datasets from major govt. entities are cataloged in National Data Catalog for data discovery
- +300 commonly used level reference data tables from +12 government agencies standardized in National Reference Data Platform

Highlights of the Project's Partnership Activities

1. NDMO is responsible for formulating and disseminating policies, procedures, and standards concerning data and privacy, which are mandated across all government agencies via the National Data Index measurement.
2. NIC oversees the provision of all hardware and network infrastructure essential for NDB platforms.
3. Government entities are tasked with uploading metadata and reference data owned by agencies onto NDB systems to facilitate open discovery and sharing. Furthermore, these entities manage the standardization and sharing of data with NDB, while also leveraging shared data to generate actionable insights.
4. Government entities also engage Estishraf with ongoing problems and usecases in regard to various sectors, to be supported with data driven analysis and potential AI based solutions contributing to policy design, policy evaluation and decision

making in general.

Challenges and Project’s Future Perspectives

Despite these successes, the projects face challenges such as data privacy concerns, the integration of data from diverse sources with varying standards, and the continuous need to update technological infrastructures to guard against cyber threats. Future perspectives include expanding the scope of NDB and Estishraf’s to incorporate real-time data analytics and artificial intelligence, which will further refine decision-making processes in public administration.

The next phase of NDB is to start engaging the private sector as a data provider and consumer to unlock the full potential of data by supplementing public data with private (non-user) and reaping the economic benefits of such data mesh-up.

NDB has an ambitious plan in coming years to enhance the platforms to match the growing expectations of tech savvy consumers by introducing smart contracts for activating the data sharing contracts using block-chain, Cognitive services (LLM powered native language chatbots for data marketplace), smart searching on various platforms (Data Marketplace, Open data and National Data Catalog), real-time and machine generated data (environmental, utilities and mobility etc.) for augmenting the existing data with broader context to support the society 5.0 concept which involves eco-friendly living, smart mobility and intelligent ambient experience etc.

Views on WSIS Stocktaking and WSIS Prize Contest, Including its relevance to International development

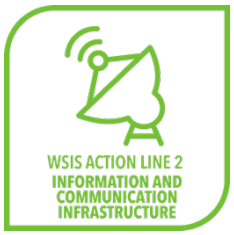
Regarding WSIS stocktaking and the WSIS Prizes contest, these platforms have proven invaluable for sharing best practices and learning from global advancements in ICT. Participation in WSIS activities enhances the visibility of SDAIA's initiatives, providing opportunities to attract investment, forge international partnerships, and benchmark against global standards. The recognition received through these international forums not only validates the efforts of the Saudi government but also encourages continued innovation and improvement.

In conclusion, the NDB and Estishraf's projects are monumental in their scope and

impact, serving as benchmarks not only for the Middle East but for the global community interested in data-driven governance. As these projects evolve, they continue to push the boundaries of how data can be used to enhance governance, drive economic diversification, and improve the quality of life for citizens. With each passing year, they provide compelling evidence of the power of data to transform societies and economies, aligning closely with both Saudi Vision 2030 and the broader goals of the WSIS and SDGs.

WSIS Action Line C2.

Information and communication Infrastructure



Empowering Disaster Response in Northern Mindanao through the use of Local Radio Networks

Department of Information and Communications Technology

Philippines / Government

Basic Information about Entity

Project: Regional Disaster Network (RDN)

Proponent: Department of Information and Communications Technology (DICT) Regional Office 10

Location: Northern Mindanao (Region 10), Philippines

Project's Description (activity's description)

In the dynamic landscape of disaster management, where cutting-edge technologies often dominate discussions, the Department of Information and Communications Technology (DICT) Regional Office 10 stands out for its proactive embrace of traditional radio technology. In the face of emerging digital solutions, DICT Region 10 has recognized the enduring reliability and resilience of radio communication, particularly in scenarios where power and internet infrastructure falter.

Being the gateway to the second largest island in the Philippines, Northern Mindanao is an economic powerhouse that contributes significantly to the country's commerce and agriculture. However, its prosperity is challenged by frequent typhoons and other natural disasters. In response to the recurrent challenges faced by communities in this region, the DICT Regional Office 10 initiated the Regional Disaster Network (RDN). This visionary project aimed to establish a resilient radio communication network across the five provinces of Northern Mindanao, enhancing disaster response and mitigating the impact of future crises.

The inception of the RDN was spurred by a critical recognition of Northern Mindanao's vulnerability to natural disasters. Situated amidst the Pacific Ocean and the Philippine Sea, the region grapples with recurrent typhoons, earthquakes, and landslides, disrupting infrastructure and communication channels and isolating communities. The RDN sought to fortify communication infrastructure and catalyze collaboration among governmental agencies, local communities, and stakeholders, envisioning resilience and sustainable development across Northern Mindanao.

The primary goal of the RDN was to establish a robust communication infrastructure using Very High Frequency (VHF) and High Frequency (HF) radio technology to facilitate timely and effective coordination among responding agencies during disasters. Specifically, the project aimed to provide a resilient communication network, enhance coordination and collaboration among stakeholders, and improve disaster preparedness

and response through training and capacity-building initiatives.

Operating as a lifeline during disasters, the RDN enables communication between emergency services, first responders, and affected individuals, facilitating coordinated response efforts, information gathering, and public communication. Notably, the RDN's effectiveness was demonstrated during catastrophic events such as the Malitbog Bukidnon landslide and the Misamis Occidental shear line, where it played a pivotal role in coordinating rescue and relief efforts, ultimately saving lives and minimizing the impact of disasters.

Beyond its immediate impact on communication infrastructure, the RDN leaves a lasting legacy of resilience, cooperation, and community empowerment. Strengthening coordination among government agencies and local authorities, the RDN fosters a culture of cooperation, maximizing the efficiency of relief operations and enhancing overall disaster resilience. Moreover, through training workshops and capacity-building initiatives, the RDN equips stakeholders with the skills and resources needed to respond effectively to disasters, promoting preparedness and mitigating vulnerability.

The success of the RDN is attributed to its comprehensive infrastructure model, proactive stakeholder engagement efforts, and commitment to capacity building and knowledge dissemination. Comprising strategically located towers across Northern Mindanao, the RDN's infrastructure provides essential coverage to a wide range of stakeholders, serving as the backbone of its communication network. Moreover, the RDN prioritizes collaboration with stakeholders, engaging government agencies, local authorities, NGOs, and community organizations to ensure inclusivity, resilience, and responsiveness.

Examples of linkages between the WSIS Action Line the Project was awarded for with each of the Sustainable Development Goals it Helps Advance

The RDN embodies the core values of the World Summit on the Information Society (WSIS), particularly in promoting access to information and communication technologies (ICTs). By leveraging radio technology, the RDN ensures reliable communication in areas prone to infrastructure failures, fostering inclusivity even in isolated or disaster-stricken regions. This empowerment extends beyond emergency personnel to affected individuals, bridging the gap between vulnerability and assistance.

Additionally, the RDN epitomizes WSIS's vision of interconnectivity and collaboration. Through its robust network, the RDN facilitates seamless communication between response teams, local government units, and NGOs, enabling swift information sharing and coordinated efforts. This unified approach minimizes response times, ultimately saving lives and protecting property.

In alignment with WSIS action line C2, the RDN contributes to Sustainable Development Goals (SDGs) such as Goal 9, which aims to build resilient infrastructure and promote sustainable industrialization. By providing a reliable communication infrastructure, the RDN fosters resilience and innovation, crucial for sustainable development. Additionally, the RDN supports Goal 11 by fostering inclusive, safe, and sustainable human settlements through its ability to provide communication even in disaster-stricken areas. Furthermore, the RDN contributes to Goal 13 by facilitating urgent action to combat climate change and its impacts, as reliable communication is essential for effective disaster response and mitigation efforts.

Overall, the RDN exemplifies the spirit of WSIS by promoting inclusivity, interconnectivity, and sustainability. Through its innovative approach to communication infrastructure, the RDN not only advances the goals of WSIS but also contributes to the achievement of key Sustainable Development Goals, ensuring a safer and more resilient future for all.

Social, Economic and Environmental Impact of the Project

The Regional Disaster Network (RDN) stands as a testament to the transformative power of emergency communication systems, particularly during times of disaster. Utilizing VHF (Very High Frequency) and HF (High Frequency) radio communication systems, the RDN not only ensures reliable communication between response teams, emergency services, and affected individuals but also delivers a myriad of benefits.

Firstly, these systems provide a lifeline that transcends traditional communication infrastructure, such as the Internet or telephone lines, which are susceptible to disruption during disasters. By enabling emergency services to coordinate their response efforts and provide timely updates to affected individuals, the RDN ensures seamless communication even in the most challenging circumstances.

Moreover, the capability of VHF and HF radio systems to transmit over long distances and penetrate obstacles proves invaluable, especially in areas where other forms of communication may falter. This resilience allows for effective communication in remote or disaster-stricken areas, where traditional methods may fail.

The swift deployment and setup of emergency communication systems using VHF and HF radios make them indispensable during crises, when time is of the essence. Their reliability and ability to operate in harsh weather conditions further enhance their suitability for use in any emergency scenario.

The impact of the RDN extends beyond mere communication; it holds the potential to save lives, minimize property damage, and expedite the recovery process. By facilitating timely and effective communication between response teams and affected individuals, emergency services can coordinate their efforts more efficiently, ensuring that assistance reaches those in need promptly.

The recognition received by DICT 10 from local government units (LGUs), provincial LGUs (PLGUs), Provincial Disaster Risk Reduction and Management Offices (PDRRMOs), and other regional Non-Governmental Organizations (NGAs) underscores the vital role played by the RDN in supporting existing communication networks. Serving as the main communication artery for these stakeholders, the RDN receives and retransmits vital messages, effectively extending their network coverage.

Furthermore, the reliability of the DICT network has proven indispensable to the Office of Civil Defense, facilitating seamless communication during simulation exercises, communication drills, and actual disaster scenarios. The network's efficiency has significantly improved the coordination of emergency response efforts, ultimately saving lives and mitigating the impact of disasters.

As the DICT team continues to champion disaster resilience, it remains committed to serving as a reliable partner in enhancing the capacity of stakeholders in disaster response and recovery. The RDN stands as a beacon of hope and resilience, a testament to the power of effective communication in building safer, stronger communities.

Highlights of the Project's Partnership Activities

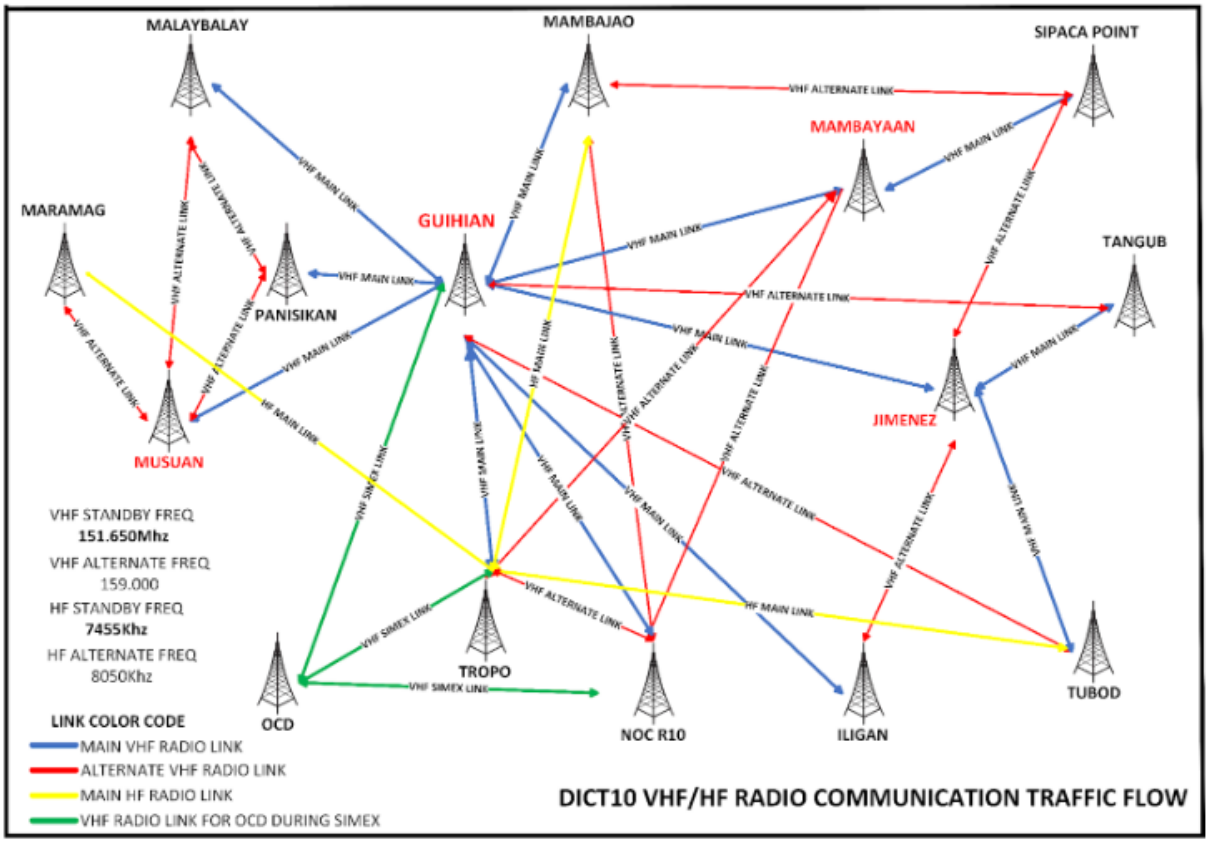
The partnership activities of the Regional Disaster Network (RDN) exemplify a collaborative effort among key stakeholders, particularly within the Emergency Telecommunications Cluster (ETC). At the forefront of this cluster is the Office of Civil Defense (OCD), serving as the Philippines' primary agency for civil defense and disaster risk reduction. During disasters, the OCD relies on the Provincial Disaster Risk Reduction Management Office (PDRRMO) to disseminate critical information. However, with most telecommunications down during calamities, reliance on radios becomes paramount for transmitting vital data.

In Region 10, the existing communications support network of the OCD is limited, posing challenges to disaster response efforts. Currently, only the DICT Regional Office 10 has the capability to provide radio communication coverage across the entire region. Recognizing this gap, DICT 10 has spearheaded the establishment of reliable duplex radio communication stations strategically positioned across Northern Mindanao.

These stations serve as the backbone of the RDN, enabling seamless

communication between PDRRMOs and the OCD, thereby enhancing coordination and speeding up response efforts during disasters. Positioned strategically to cover the entire region comprehensively, these emergency communication stations ensure uninterrupted communication even in the face of natural calamities. They form a vital component of response and recovery efforts, facilitating swift and efficient communication during and immediately after disasters.

The map below illustrates the locations of DICT 10's radio towers, showcasing the comprehensive coverage provided by the communication network across provinces in Region 10. Through strategic partnerships and collaborative efforts, the RDN continues to fortify disaster response capabilities, ensuring the safety and resilience of communities in Northern Mindanao.



Challenges and Project's Future Perspectives

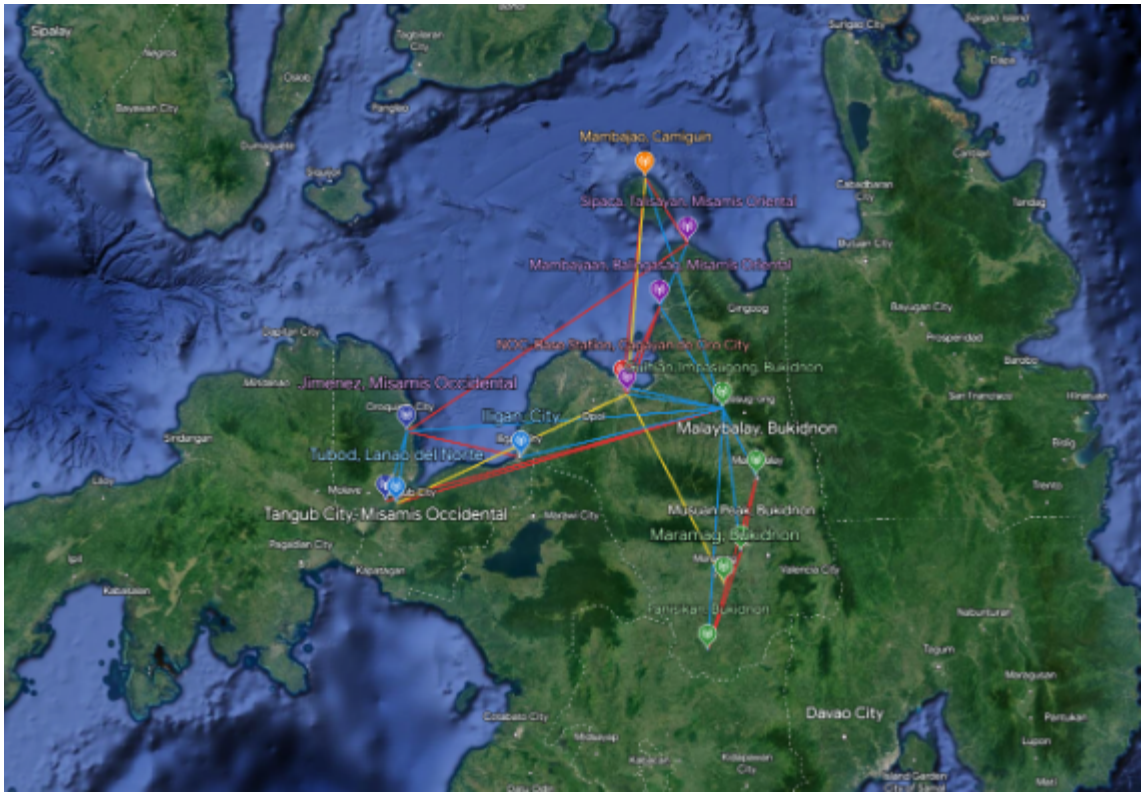
The Radio Distribution Network (RDN) confronts a series of challenges that demand innovative solutions to elevate the efficiency of radio tower stations. Foremost among these challenges is the absence of reliable backup power sources, including batteries, generators, and solar panels. Dependence on commercial power renders the

radio towers vulnerable to outages, posing a critical risk to communication integrity during emergencies. Equipping these stations with robust backup power systems is paramount to ensuring continuous operation, even amidst power disruptions triggered by natural disasters.

Another hurdle lies in the use of half-duplex communication, limiting stations to either transmitting or receiving information at any given time. This constraint compromises message integrity, necessitating manual retransmission and potentially delaying critical communication. Addressing this challenge calls for the implementation of a crossband repeater network, enabling full-duplex communication and enhancing message reliability. By eliminating manual retransmission, this approach streamlines communication processes, ensuring accurate and efficient message delivery.

Furthermore, the inherent delay in transmitting information via radio towers poses a significant obstacle, particularly in emergencies where real-time communication is paramount. Unlike internet-based communication, radio networks may experience slower transmission speeds due to interference and signal strength issues. Overcoming this challenge entails the establishment of a high-speed network infrastructure capable of facilitating real-time data transmission. By leveraging innovative transmission technologies, the project can enhance the speed and efficiency of disaster response efforts, ensuring swift and effective communication during critical moments.

Addressing these challenges demands a holistic approach that integrates hardware and software solutions. By enhancing backup power sources, implementing crossband repeater networks, and developing innovative transmission technologies, the project can bolster the resilience and efficiency of radio tower stations. As the RDN charts its course forward, it remains committed to overcoming these challenges through innovative strategies, ensuring seamless communication and response capabilities during times of crisis.



Views on WSIS Stocktaking and WSIS Prize Contest, Including its relevance to International development

The WSIS recognition serves as a powerful endorsement of the RDN's innovative approach to disaster response, elevating its visibility and attracting attention from policymakers and development agencies. This recognition validates the DICT Regional Office 10's proactive stance on leveraging existing technology to combat a recurring problem. Looking ahead, the DICT 10 sees the WSIS platform as an ideal opportunity to champion their advocacy on a global stage. They eagerly await the chance to share this innovation with the rest of the world and showcase the indispensable power of what many consider obsolete technology in the face of actual crises. By presenting the RDN's success story, the DICT Regional Office 10 hopes to inspire others to rethink the value of readily available technology and its potential to save lives during disasters. As the Regional Disaster Network charts a course for the future, it remains committed to building a safer, stronger, and more resilient future for all communities affected by disasters, not just in Northern Mindanao, but potentially across the globe.

WSIS Action Line C3.

Access to Knowledge and Information

Tanzania Digital Inclusion Project

Organization for Digital Africa & Internet Society Tanzania Chapter

United Republic of Tanzania / Civil Society

Basic Information about your Entity

The Internet Society Tanzania Chapter is a not-for-profit organization registered in Tanzania under the Ministry of Home Affairs. It is a local affiliate of the global Internet Society (ISOC), which is dedicated to ensuring the open development, evolution, and use of the Internet for the benefit of all people throughout the world. Here's some basic information about the Internet Society Tanzania Chapter:

Mission and Vision

The mission of the Internet Society Tanzania Chapter aligns with that of the global organization, focusing on promoting the open, transparent, and accessible development of the Internet in Tanzania. The chapter aims to support the local community in harnessing the benefits of the Internet for social and economic development, with a strong emphasis on Internet governance, security, Internet Policy and education.

Objectives and Activities

- Advocacy: The chapter actively participates in advocating for policies that support the fair and open use of the Internet, working to influence Internet policy at national and regional levels.
- Capacity Building: It conducts various training sessions, workshops, and seminars to improve digital literacy and Internet skills among Tanzanians, especially targeting underserved communities, youths, and women.
- Community Networks: One of the key focuses is on establishing and supporting community networks to provide Internet access in rural and underserved urban areas of Tanzania.
- Public Awareness: The chapter organizes public awareness campaigns to educate the general population and policymakers about Internet issues, including security, the benefits of digital technologies, and the importance of digital inclusion.

Membership

Members of the Internet Society Tanzania Chapter typically include IT professionals, educators, policy makers, and students, end-users as well as anyone interested in the Internet's development within Tanzania. The chapter encourages a diverse membership to foster a broad range of perspectives and expertise.

Partnerships

The chapter collaborates with various stakeholders, including government agencies, private sector companies, and other NGOs, to drive the Internet's growth and accessibility in Tanzania. These partnerships help leverage resources and expertise to tackle local Internet issues more effectively. Some of notable partnerships of our organization is that between Basic Internet Foundation, Organization for Digital Africa, Internet Society Foundation and Open University of Tanzania.

Impact

Through the impact of Tanzania Digital Inclusion Project (TADIP), the impact of the Internet Society Tanzania Chapter is visible in its contribution to increasing Internet access and usage across Tanzania, promoting digital skills, closing digital gender gap and influencing policy for a more inclusive Internet governance framework.

By working under the umbrella of the global Internet Society, the Tanzania Chapter plays a crucial role in ensuring that the Internet remains a global public resource that is open and accessible to all Tanzanians.

Project's Description (activity's description)

The Tanzania Digital Inclusion Project (TADIP) is a transformative initiative aimed at bridging the digital divide in Tanzania. This comprehensive project targets several key areas to ensure broad and meaningful digital inclusion across the country.

Key Activities of TADIP

1 **Provision of Internet Access:**

TADIP has successfully connected 1,500 citizens to broadband Internet. By prioritizing affordable and reliable Internet access, the project ensures that individuals in underserved areas can tap into global resources, enhancing their knowledge and connectivity.

2 **Digital Skills Training for Youth and Women:**

A central tenet of TADIP is empowering youth and women with critical digital skills. This initiative not only equips them with the necessary tools to thrive in a digital economy but also aims to reduce gender disparity in the tech industry, fostering inclusivity.

3 **Training Teachers on E-Learning:**

Recognizing the pivotal role of educators in the digital age, TADIP has trained 120 teachers on e-learning methodologies. This training enables teachers to effectively integrate digital tools into their teaching practices, thereby enriching the learning experience and expanding the reach and impact of educational content.

4 **Engaging Girls in STEM Programs:**

With 2,000 girls already engaged, TADIP places a strong emphasis on involving girls in Science, Technology, Engineering, and Mathematics (STEM) programs. This engagement is crucial for inspiring and preparing the next generation of female leaders in STEM fields, ensuring they are well-positioned to contribute to and benefit from technological advancements.

5 **Establishment of Community Network Innovation Hubs:**

To further support local development and innovation, TADIP has established 4 Community Network Innovation Hubs. These hubs serve as centers for learning and innovation, providing communities with the resources to develop local solutions, start new businesses, and collaborate on community-driven projects. The ultimate goal is to establish 200 such hubs, significantly expanding the project's impact.

6 **Women Access to Smart Devices: Closing Digital Gender Gap**

This is a recently added program aiming at closing digital gender gap. Working with several companies we have helped 670 women get smart phone at an affordable price. This together with availability of affordable and meaningful Internet access enables women access digital opportunities online by selling services and products

Impact and Future Goals

The activities of TADIP are strategically designed to create a sustainable impact that transcends mere access to technology. By focusing on education, empowerment, and community engagement, TADIP is fostering an environment where digital technology becomes a catalyst for socio-economic development.

The project's future goals include expanding the reach of broadband connections, increasing the number of trained educators, and continuing to support girls in STEM fields. Each step forward reinforces TADIP's commitment to making digital inclusion a reality for all Tanzanians, thus contributing significantly to the nation's overall development.

Examples of linkages between the WSIS Action Line the Project was awarded for with each of the Sustainable Development Goals it Helps Advance

The Tanzania Digital Inclusion Project (TADIP) aligns with multiple World Summit on the Information Society (WSIS) Action Lines and Sustainable Development Goals (SDGs). Below is a detailed breakdown of how this project links these action lines with specific SDGs, demonstrating the project's widespread impact:

WSIS Action Lines and SDG Linkages:

1. WSIS Action Line C1 (The role of public governance authorities and all stakeholders in the promotion of ICTs for development) and SDG 9 (Industry, Innovation and Infrastructure)

- **Project Initiative**: Establishment of 4 community network and innovation hubs.
- **SDG Advancement**: These hubs provide essential infrastructure for innovation and digital access, fostering a conducive environment for technological growth and infrastructure development.

2. WSIS Action Line C2 (Information and communication infrastructure) and SDG 11 (Sustainable Cities and Communities)

1 **Project Initiative**: Provision of affordable and meaningful Internet access to 1200 underserved citizens.

2 **SDG Advancement**: Ensuring sustainable and inclusive access to information and communication technology helps make cities and communities inclusive, safe, resilient, and sustainable.

3. WSIS Action Line C3 (Access to information and knowledge) and SDG 10 (Reduced Inequality)

- **Project Initiative**: Helped 670 women get affordable smart devices.
- **SDG Advancement**: By providing marginalized groups with access to digital tools, the project helps reduce inequalities within and among countries by empowering these communities through enhanced digital inclusion.

4. WSIS Action Line C4 (Capacity building) and SDG 4 (Quality Education)

- **Project Initiative**: Trained 2000 youth and women on digital literacy and 120 teachers on specialized e-learning skills.

- **SDG Advancement**: Enhancing digital literacy and teaching capacities directly contributes to improving the quality of education and lifelong learning opportunities for all.

5. WSIS Action Line C5 (Building confidence and security in the use of ICTs) and SDG 16 (Peace, Justice, and Strong Institutions)

- **Project Initiative**: Implementation of security measures in digital training and resource provisioning.
- **SDG Advancement**: Promoting a safe and secure environment for information and technology use strengthens institutions and supports peaceful and inclusive societies.

6. WSIS Action Line C7 (ICT applications: benefits in all aspects of life) – specifically e-learning, and SDG 5 (Gender Equality)

- **Project Initiative**: Engaged 2000 girls in STEM soft skills programs.
- **SDG Advancement**: Empowering girls through education in STEM and ICT applications promotes gender equality and equips girls with the skills needed in a digital society.

7. WSIS Action Line C8 (Cultural diversity and identity, linguistic diversity and local content) and SDG 17 (Partnerships for the Goals)

- **Project Initiative**: Development of local content and applications tailored to the linguistic and cultural context of Tanzania.
- **SDG Advancement**: Encouraging local content and preserving cultural identity through ICT fosters sustainable development through partnerships and collaborative solutions.

Conclusion:

The Tanzania Digital Inclusion Project (TADIP) exemplifies a comprehensive approach to leveraging ICT for societal benefits, aligning closely with both WSIS Action Lines and Sustainable Development Goals. By tackling issues from infrastructure to education and gender equality, the project creates a multi-layered impact that drives forward the agenda for sustainable development. This approach not only enhances digital inclusivity but also promotes broader societal advancements in line with global development objectives and the United Nations Secretary General's recommendations on Digital Cooperation.

Social, Economic and Environmental Impact of the Project

Tanzania Digital Inclusion Project: THE IMPACT !

The Tanzania Digital Inclusion Project (TADIP) has made significant strides in closing the digital divide across various communities in Tanzania. This ambitious project has multifaceted impacts, spanning social, economic, and environmental dimensions.

Social Impact

1. **Enhanced Education and Skills Development:**
    - By connecting 1,500 citizens to broadband Internet and engaging 2,000 girls in STEM programs, TADIP has fostered an environment conducive to learning and development. Access to digital resources and specialized STEM education for girls promotes gender equality in education and empowers young women to pursue careers in technology and science.

    - Training 120 teachers on e-learning has modernized the educational landscape, making learning more interactive and accessible. This not only improves the quality of education but also ensures sustainability through skill transfer.

2. **Community Engagement and Empowerment:**
    - The establishment of 4 Community Network Innovation Hubs serves as a local resource for learning and collaboration. These hubs provide a space where community members can gather to share knowledge, access new technologies, and strengthen community ties.

3. **Inclusion and Accessibility:**
    - TADIP's focus on affordable and meaningful Internet access addresses the crucial need for digital inclusion, particularly in underserved and rural areas. This helps bridge the digital divide, ensuring that disadvantaged groups have the same opportunities for personal and professional growth as those in more connected regions.

Economic Impact

3 **Job Creation and Economic Opportunities:**

- The training and skills development provided by TADIP equip youth and women with the necessary tools to enter the job market or start their own tech-driven enterprises. The increased engagement in STEM and the proliferation of digital skills can lead to higher employment rates and foster a new generation of entrepreneurs.
- Community Network Hubs act as incubators for local businesses by providing the infrastructure to support start-ups and small businesses, driving economic growth at the community level.

4 **Productivity Improvements:**

- Access to broadband Internet enhances productivity in various sectors by enabling more efficient communication, access to information, and automation of tasks. This connectivity can transform traditional industries, making them more competitive and innovative.

5 **Attracting Investments:**

- Successful implementation and the visible impact of TADIP can attract further investment into Tanzania's digital infrastructure and education sectors, fostering a thriving ecosystem conducive to sustained economic development.

Environmental Impact

1. **Promotion of Sustainable Technologies:**
   - The Community Network Hubs can serve as platforms for introducing and utilizing sustainable technologies, such as solar-powered computing facilities. This not only reduces the carbon footprint associated with digital access but also promotes environmental consciousness among community members.
2. **Efficiency and Resource Management:**
   - Digital tools and Internet access enable better management of natural resources through data analytics and environmental monitoring, leading to more sustainable practices in agriculture, water management, and conservation efforts.

3. **Reduced Urban Migration:**
   - By providing access to education and economic opportunities locally through the Community Network Hubs, TADIP may help reduce urban migration. This can

alleviate pressure on urban infrastructure and help manage growth in a more environmentally sustainable manner.

Highlights of the Project's Partnership Activities

Since our project started as pilot, we have had the following partnership achieved;

1. Internet Society Foundation has come onboard as a funder of the initative.
2. Organization for Digital Africa (ODA) has come in as digital skills training collaborator.
3. Recently the Open University of Tanzania has partnered with us to scale the project into their locations countrywide.

Challenges and Project's Future Perspectives

Some of the challenges of our project are;

1. Lack of Infrastructure like Fiber or Satellite in rural areas.
2. Lack of Spectrum allocation for Community Internet Service Providers.
3. Levels of poverty in many rural villages plays into slow adoption of community driven Internet services.

Views on WSIS Stocktaking and WSIS Prize Contest, Including its relevance to International development

WSIS Prizes contest is very great platform. It inspires individuals, organizations and companies around the world to undertake and excel in projects aligned with WSIS Action Lines and Sustainable Development Goals. In this way the WSIS Prizes pushes people and entities to use their human and monetary resources to achieve what is intended in WSIS Action Lines and the SDGs.

WSIS Action Line C4.

Capacity Building

The JaWAra Internet Sehat (Cyberwise Champion)

Perkumpulan Mitra TIK Indonesia (ICT Watch)

Indonesia / Civil Society

Basic Information about your Entity

ICT Watch (http://ictwatch.id) is not just an organisation; it's one of the most prominent references for the Indonesian digital literacy movement. ICT Watch was initiated in 2002 to develop, empower, and support digital literacy and ensure the fulfilment of information rights for Indonesia's public and diverse stakeholders. The internet is the most powerful tool in this era to facilitate society's involvement in fostering a democratic spirit by promoting digital literacy and freedom of expression and empowering the economic sector for society. Therefore, ICT Watch is committed and wholeheartedly dedicated to maintaining a conducive internet ecosystem in Indonesia by initiating and facilitating several digital literacy programs.

Project's Description (activity's description)

The JaWAra Internet Sehat project stands out for its unique approach. It encourages young digital activists to become community leaders (local champions) who drive

digital literacy education programs with a local and bottom-up approach. This grassroots initiative, undertaken by ICT Watch and WhatsApp Indonesia, with the support of the Ministry of Communication and Information Technology (MCIT) of the Republic of Indonesia, Relawan TIK Indonesia (Indonesia ICT Volunteers) and Digital Literacy National Movement "SIBERKREASI", is a testament to our commitment to digital literacy. Through their activities, the local champions provide digital literacy education to various segments of society, using local approaches that are readily accepted, such as wayang (traditional puppets) shows, local cultural content, movies, games (cards or snakes and ladders game board), etc.
This project is not just about digital literacy; it's about empowering communities. It develops the distance learning system through https://akademi.internetsehat.id and Digital Literacy WhatsApp ChatBot at https://s.id/kakinat, enabling communities to carry out self-learning for some topics, such as combating hoaxes, digital security, personal data protection, etc. 21,345 participants have already followed the chatbot. In 2021, this program recruited 60 local youth champions (JaWAra) who successfully ran 108 digital literacy education programs in their respective areas. This program reached 29,731 people in 73 regencies/cities from 26 provinces. In 2022, we recruited another 100 local youth champions who ran 186 digital literacy programs, reaching 237,784 people. In 2023, we focused on tackling hoaxes toward the General Election 2024. The JaWAra team was involved in education in 8 cities, which covered 3,681 participants. We documented some inspirational stories of this program (2021-2022) in the book "Bunga Rampai (Multiauthor) Jawara Internet Sehat" which can

Examples of linkages between the WSIS Action Line the Project was awarded for with each of the Sustainable Development Goals it Helps Advance

The project is in Capacity Building WSIS Action Line. It is linked with SDGs No. 4: Ensure inclusive and equitable quality education and promote lifelong opportunities for all. Through more excellent digital infrastructure and device availability in Indonesia, increasing access is frequently cited as a solution to the digital divide. While these attempts to expand access are unquestionably vital, we regard them as only the beginning. Providing people with the skills and resources they need to become digitally literate (and safe online) is one thing; giving them the tools and

resources they need to become more digitally savvy (and productive online) is another. The digital gap cannot be bridged only through access.

The first step in gaining the digital literacy abilities required for ethical digital citizenship and the online agency is access to the internet and networked devices. Digital literacy entails more than just technical knowledge. It covers a variety of ethical, social, and reflective behaviours critical for online resilience and ethical digital citizenship development. Then, we must incorporate these principles into our jobs, education, and daily lives. Overemphasising access, hard technological skills, and risk avoidance in the digital literacy approach limits rather than empowers user agency. While most people do not require persuasion to use digital technology, many users without the appropriate digital literacy skills and support are engrossed in online life.

Social, Economic and Environmental Impact of the Project

The project has a significant social impact on a society without digital literacy education. The internet has penetrated Indonesia's "3T" region (the underdeveloped, frontmost and outermost). Along with it, digital device ownership is also high in this country. However, the challenges come from the lack of understanding of how privacy works in the digital space. JaWAra Internet Sehat provides education regarding the dangers of the careless use of digital devices. The beneficiaries are also equipped with knowledge that helps them avoid various modus operandi of phishing and scamming that cause economic losses, which commonly happen. The primary digital security practices are disseminated along with tools and practical information compiled at https://s.id/jagaprivasi.

On the other hand, JaWAra Internet Sehat also educates people about combating hoaxes, especially during pandemic issues. MCIT recorded more than 2000 hoaxes about the pandemic from Jan. 2020 until 2022, which caused people's distrust of COVID-19, reluctance to vaccinate, not following health protocols, etc. And now, facing the 2024 General Election, the hoaxes about politics are also increasing. This project educates people on how to combat hoaxes by identifying the characteristics of hoaxes, thinking critically, and using tools to identify hoaxes, which were compiled at https://s.id/cekhoaks.

By transferring the knowledge of digital literacy and providing tools, a more socially and economically ICTs empowered community is realized

Highlights of the Project's Partnership Activities

JaWAra Internet Sehat was initiated by ICT Watch and WhatsApp Indonesia, supported by the Ministry of Communication and Information Technology (MCIT) of the Republic of Indonesia, Relawan TIK Indonesia (Indonesia ICT Volunteers) and Digital Literacy National Movement "SIBERKREASI". This partnership is essential because it embodies multistakeholder collaboration between civil society, the private sector, and the government. With this partnership, we can reach out to various other partners at the regional level to support this project, such as local communities, local governments, and so on, to run this project and promote all its activities.

Challenges and Project's Future Perspectives

Due to demographic and educational inequalities, there is a different level of digital literacy awareness and the ability to use the Internet and digital technology appropriately and correctly. As a result, we cannot create a one-fit-for-all set of activities and content. It requires an adequate understanding of the local context to develop a project that meets the needs but still considers resource constraints, time efficiency, and targets. We believe comparable collaborative work endeavours must be more vast, organised, and systematic to address the abovementioned issues. A multistakeholder strategy that is inclusive and collaborative is essential.

The multistakeholder method brings together diverse stakeholders to discuss, make decisions, and implement solutions to challenges that affect everyone. The fundamental idea is that if enough input is provided by all types of persons involved in a question, the final consensual solution has more legitimacy and can be implemented more successfully than a traditional state-based response. Multi-stakeholder is a term used to describe a group of people from varied backgrounds who work together to solve problems.

Views on WSIS Stocktaking and WSIS Prize Contest, Including its relevance to International development

WSIS Stocktaking compiles global ICT initiatives by governments, international

organisations, the private sector, civil society and other entities to support Sustainable Development Goals (SDGs). This repository can inspire anyone concerned about ICT for development issues to replicate or modify the initiative for local purposes. The WSIS Prizes can show the world how these initiatives from any country have the same opportunity to get recognition from the UN and become an example for other countries to be able to carry out the same initiatives in their countries.

WSIS Action Line C5.

Building Confidence and Security in the Use of ICTs

"NationalConnect: Empowering Governance, Education, and Sustainability through Secure Government Video Conferencing"

Bangladesh Computer Council

Bangladesh / Government

Basic Information about your Entity

Bangladesh Computer Council (BCC) is a statutory body under the Ministry of Posts, Telecommunications and Information Technology, Government of Bangladesh (GOB). It was established by Act No IX of 1990 passed by the Parliament. The main activities are (not limited to) encouraging and providing support for ICT related activities, formulating national ICT strategy and policy, creating standards and specifications of ICT tools for government organizations according to their necessity, working for human resource development in ICT sector. It has also established National Data Center for hosting all the

government websites, e-mail services and web applications. It is the only TIER – 3 certified Government Data Center in Bangladesh. In the near future, it will act as the only Gateway to access internet services for all of the government organizations. BCC is continuing ICT infrastructure development of government through several development projects/programs to facilitate access to government services from root level. In this vision, BCC has organized workshops, seminars, training on subjects related to ICT and has established throughout the country UISC (Union Information and Service Center). Again, Bangladesh Computer Council (BCC) is one of the apex bodies of the GOB (Government of Bangladesh) that has been instrumental in carving the path for the development of e-Governance in Bangladesh over the last two decades.

BCC in its endeavor to further progress on its ambitious objective had established Bangladesh National Digital Architecture (BNDA). Today, BCC has successfully implemented the National Enterprise architecture Framework and e-Government Interoperability Framework, enabling Government agencies to digitally connect with citizens and ensuring seamless service delivery. Also, BNDA team of BCC has been developing reusable systems and services complying principles and standards of the BNDA framework. The objective is not only to set precedence of introducing shared and reusable systems/services, but also to save government expenditure in procuring digital solutions.

Again, BCC is playing a pivotal role to establish SMART Bangladesh aka vision 2041 of the government.

Project's Description (activity's description)

The national video conference platform NationalConnect, also known as Boithok is a homegrown solution developed by the BNDA Team of BCC to combat the challenges brought about by the COVID-19 pandemic. It serves as a critical tool for ensuring the continuity of government services, offering secure and affordable remote meeting solutions to government offices, universities, schools, students, and citizens. The platform stands out with its features such as unlimited meeting duration, secured data storage within the national data center, and cost-effective subscriptions for general users. The platform's hosting within the national data center ensures that no data is stored outside of the country. This addresses concerns about security & privacy risk, and data leakage.

A significant highlight of the platform is its provision of free subscriptions for schools and universities, easing the burden on educational institutions grappling with remote learning challenges during the pandemic. This initiative underscores the project's commitment to

supporting education and enhancing access to digital resources for academic institutions across Bangladesh. Since its inception in January 2021, Boithok platform has evolved through major revisions, including its latest release in January 2023, which expanded its capacity and functionalities. Despite facing stiff competition from global giants like Zoom and Microsoft Teams, Boithok distinguishes itself by prioritizing customization and catering to local needs.

Results achieved:

The secure video conferencing project is successful based on implementation achieved. It has been running smoothly for almost 3 years. In total 2500+ meetings, discussion sessions, online classes, training, webinars, interviews, workshops, seminars etc. have taken place on this platform. 5000+ hours of meetings has been completed successfully in this video conferencing platform. Prime Minister's Office (PMO), Ministry of Foreign Affairs, Ministry of Public Administrations, Planning Ministry, Cabinet Ministry, Finance Ministry, Ministry of Energy & Mineral Affairs, ICT Ministry, Bangladesh Police, University Grants Commission (UGC), Ministry of Rural development & Cooperatives etc have been included as users of this platform. We've provided access credentials to UGC for usage by approximately 150 esteemed universities, enhancing their digital capabilities.

Examples of linkages between the WSIS Action Line the Project was awarded for with each of the Sustainable Development Goals it Helps Advance

WSIS Action Line	Sustainable Development Goals	Project Benefits Realized
Building confidence and security in use of ICTs		Enables remote learning and virtual classrooms, ensuring continuity in education during crises such as the COVID-19 pandemic. Also provides access to educational resources, training sessions, and workshops

Fosters innovation by continuously improving its platform and integrating new features to meet evolving user needs and technological advancements.

Boithok enhances productivity and efficiency in government operations by facilitating remote work and virtual meetings, reducing the need for physical presence and travel.

Social, Economic and Environmental Impact of the Project

Social Impact:

The software has had a significant impact on society. It has increased community engagement and participation by facilitating online workshops, training sessions, and meetings. This has promoted collaboration and knowledge sharing among government agencies, educational institutions, and the public.

Moreover, it has ensured the continuity of essential government functions during the pandemic, maintaining stability and order. Additionally, it has enabled students to access education remotely, ensuring continuity of learning and minimizing disruptions to academic progress.

Furthermore, by providing a cost-effective solution for all users, regardless of economic status, the software promotes inclusivity and equal opportunity for participation. Overall, it has greatly benefited society by making communication and collaboration easier and more accessible for everyone.

Economic Impact::

The software has had a notable economic impact. It has helped save costs for government agencies and educational institutions by reducing the need for physical meetings and travel expenses. Additionally, the affordable access to the platform has lowered the financial

burden on users, especially during economic crises. Amid the ongoing economic crisis, maintaining careful reserves of foreign currency makes video conferencing an appealing alternative to buying paid video conferencing services in USD.

Environmental Impact::

The software has also had a significant environmental impact. By reducing the need for physical meetings and travel, it has contributed to a decrease in carbon emissions and traffic congestion. This helps improve air quality and reduces the overall environmental footprint associated with transportation. Additionally, the shift towards online communication and collaboration promotes sustainability by conserving natural resources and reducing energy consumption compared to traditional in-person meetings. Overall, the software has played a role in fostering a more environmentally friendly way of conducting business and education.

Highlights of the Project's Partnership Activities

SL No#	Department/ Ministries	Role	Mode of Interaction
1	ICT Ministry	• Guide and Monitor Project progress • Assistance to get coordination/response from line ministries	Periodic
2	Bangladesh Computer Council	• Provide strategic and tactical support to continue the system operation • Provide hosting space and deployment infrastructure • Provide Support to solve technical issues • Facilitating approval of all the technical documents like	As and when required

		○ Functional Requirement Specification ○ System Requirement Specification	
3	Prime Minister's Office (PMO), Ministry of Foreign Affairs, Ministry of Public Administrations, Planning Ministry, Cabinet Ministry, Finance Ministry, Ministry of Energy & Mineral Affairs, ICT Ministry, Bangladesh Police, University Grants Commission (UGC), Ministry of Rural development & Cooperatives etc	• Provide valuable feedback to improve the platform • Take customized services • Request for any technical supports	As and when required

Challenges and Project's Future Perspectives

Challenges:

1. **Scaling capability**: Meeting the growing needs of our system comes with two big challenges. First, when lots of people suddenly join, our system needs to be ready to handle them all smoothly. This means making sure our system can grow both

wider (horizontally) and taller (vertically) to manage the load without any problems.

2. **Keep pace with commercial solutions**: Secondly, we have to keep up with other similar systems out there. Many national and international options are available, and we need to compete with them. To do this, we focus on two things: making sure our system works really well technically, and making sure people know about it through good marketing. We're working hard to improve both areas so that our system stays strong and competitive in the market.

These challenges push us to keep getting better. We're always looking for ways to make our system handle more users smoothly and to let more people know about it. By working on these challenges, we aim to make our system the best choice for everyone who needs it.

Future Perspective:

1. Improve scalability and performance.
2. Integration with hardware-based video conferencing using SIP protocol
3. Boithok integration with Government Resource Planning (GRP) software
4. Integrate AI and machine learning to make the scenario more realistic.
5. Enhance security measures.
6. Streaming concurrently in multiple social media.
7. Implement noise-free communications technology for clearer and more reliable communication experiences etc.

Views on WSIS Stocktaking and WSIS Prize Contest, Including its relevance to International development

BCC assumes WSIS Stocktaking and WSIS Prizes contest as an effective one to promote any govt/non-govt organization's development aspects. It also enables creating healthy competition among govt/non-govt organizations of same country in terms of innovation, excellence and citizen service delivery. We wish every success of WSIS Stocktaking and WSIS Prizes contest.

WSIS Action Line C6.

Enabling Environment

Interactive Tool of Policies, Terms and Conditions Applicable in the use of Digital Platforms

Federal Telecommunications Institute

Mexico / Government

Basic Information about your Entity

The Federal Telecommunications Institute (IFT) is an autonomous body with legal personality and own assets created in 2013, which is in charge of regulating, promoting and supervising the efficient development in the broadcasting and telecommunications sectors in Mexico, in addition it is also the authority of economic competition in both sectors.

The IFT aims to be an efficient, transparent and independent regulatory and competition authority that contributes to the development of telecommunications and broadcasting, to the advancement of the information and knowledge society in our country, as well as to the improvement of the quality of life and development opportunities for the Mexican population.

The IFT's mission is to efficiently develop telecommunications and broadcasting for the benefit of the country's users and audiences through:

- I. Regulating, promoting, and supervising the use, utilization, and exploitation of the radio spectrum, infrastructure, networks, and the provision of services;
- II. Promoting conditions of effective competition in the markets; and
- III. Promoting access to telecommunications and broadcasting technologies and services.

Project's Description (activity's description)

The Interactive Tool of Policies, Terms and Conditions Applicable in the Use of Digital Platforms is an innovative project that provides interactive information to the public about the privacy policies, terms and conditions to which users are subject when using digital platforms, terminal equipment and operating systems.

The tool aims to make available to users an interactive tool that allows them to know and compare relevant characteristics of the policies, terms and conditions that the main digital platforms and applications establish for the use of their services, highlighting the information that the user population shares with them and the management that is given to it; as well as the scope of permissions granted when using such platforms, in a transparent and accessible way.

The Interactive Tool of Policies, Terms and Conditions Applicable in the Use of Digital Platforms was recognized with the first place in the annual Good Practices 2023 contest, organized by the Latin American Forum of Telecommunications Regulatory Entities (REGULATEL), in the category of Quality of Service to the User.

Currently, the tool integrates the following digital platforms:

Social Media	Facebook, Instagram, Twitter (X), WhatsApp, Telegram, TikTok, YouTube

Digital services that enable the provision of entertainment services	Claro Video, Disney +, Prime Video, Deezer, Netflix, Spotify
Digital services that enable the provision of transport services	Cabify, Didi, InDriver, Uber, Waze
Operating Systems	Android, iOS, Harmony OS
Terminal Equipment	Apple, Motorola, Oppo, Xiaomi, Samsung, Huawei
Digital Services that enable the provision of E-Commerce Services	Amazon, Mercado Libre, SHEIN
Digital services that enable the provision of Telework Services	Google Meet, Webex, Zoom, Microsoft Teams
Dating Apps	Badoo, Grindr, Tinder, Bumble
Digital Services Enabling the Provision of Food Transport Services	CornerShop, Rappi, Uber Eats, Didi Food
Mobile Video Games	Call of Duty Mobile, Minecraft, Pokémon GO, Free Fire, PUBG Mobile

Examples of linkages between the WSIS Action Line the Project was awarded for with each of the Sustainable Development Goals it Helps Advance

The tool contributes to Action Line C6. Enabling Environment, aiming to provide social benefits in the Information Society by promoting awareness about the Internet, the implementation of tools and public policies that define and

alphabetize society on the secure mechanisms for the storage and filing of documents and other electronic records of information of users when browsing the Internet.

In addition, the essence of the tool adapts to national inputs for the protection of consumers and users of digital services, responding to the new needs that have been identified of the Information Society, such as the active promotion of literacy and awareness of users regarding online privacy and the means to protect privacy.

In one use case, when users consult the tool, they find a project that allows them to be informed about how to adequately protect their personal information within the environment and digital platforms, as well as allowing them to use e-commerce platforms in an informed way.

By offering clear information on data collection, privacy policies, and terms and conditions, the Tool empowers users to make informed decisions and encourages user awareness of the privacy of online platforms, allowing them to opt-in use or not. Likewise, due to the rapid development of digital applications and their greater use, this Tool protects the consumer to respond to the needs of the Information Society. Also sharing this information with consumers fosters an environment conducive to competition and community development in the Information Society.

Also, regarding the Sustainable Development Goals (SDG), the Tool fosters innovation and the development of secure digital infrastructures by promoting transparent and trustworthy practices in the management of user's personal information, their rights and options within digital platforms in the digital environment, facilitating the growth and expansion of ICTs.

The Interactive Tool on Policies, Terms and Conditions Applicable to the Use of Digital Platforms represents a key element in moving towards a more transparent, secure and efficient digital environment. Its impact extends from the individual level, by empowering users, to the global level, by contributing to broader goals and objectives related to sustainable development and technological innovation.

Social, Economic and Environmental Impact of the Project

The Tool is intended for all Users of Digital Services and the Internet, and it represents an opportunity for a worldwide replication in other countries.

According to the International Telecommunication Union's (ITU) 2023 Digital Development Measurement Study: Facts and Figures 2022, 5.4 billion people, or 67 percent of the world's population, used the internet, also, it was reported that not all users with Internet access have the sufficient digital skills to use it, which translates in a lack of knowledge to avoid the potential risks and dangers that can be found on the Internet.[1]

Particularly, this tool is intended to benefit all users of digital platforms and the Internet in Mexico.

According to data from the 2022 National Survey on the Availability and Use of Information Technologies in Households (ENDUTIH),[2] it estimated that, in 2022, there were 93.1 million internet users. Likewise, in the ENDUTIH 2022, it was pointed out that among the main activities that Internet users carry out are: communicating with each other, with 94.3%, accessing social networks with 90.6% and entertainment with 89.6%.

In terms of social impact, the Tool empowers users by offering them access to clear information about data collection, privacy options, and terms and conditions of digital platforms. This contributes to informed decision-making and the digital empowerment of individuals. By considering different privacy needs and promoting an inclusive and equitable digital environment, the Tool respects cultural and social diversity, contributing to digital inclusion. Furthermore, transparency in data handling and clarification of privacy policies strengthen user trust in digital platforms, creating a safer and more ethical environment for online participation.

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[1] ITU. Measuring Digital Development: Facts and Figures 2023. Available in: https://www.itu.int/itu-d/reports/statistics/2023/10/10/ff23-internet-use/

[2] IFT Press Release on June 19, 2022 "ENDUTIH 2022". Available in: https://www.inegi.org.mx/contenidos/saladeprensa/boletines/2023/ENDUTIH/ENDUTIH_22.pdf

Highlights of the Project's Partnership Activities

For its development, the information that was integrated into the tool was identified and analyzed, such as: digital platforms, terminal equipment and operating systems and their policies, terms and conditions of use, among others.

Utility variables were considered so that users could identify information such as:

- What information the platforms collect from users?
- Who they share the information with?
- What they collect the information for?
- How to manage and delete information by users?
- Conditions and requirements for its use; among other information.

Likewise, the information that is integrated into the tool is related to the information presented by companies that offer digital platforms, terminal equipment and operating systems; It is constantly changing, which allows users to stay updated with the tool.

In addition, various tips for users of digital services were included in the tool, as well as access to the IFT's Cybersecurity Microsite.

Challenges and Project's Future Perspectives

Among the challenges that we were able to identify for the project are the inclusion of this tool as a reference in national and international projects that are carried out with respect to the work to address the global digital divide and promote technology and telecommunications in favor of users.

Another challenge has been the creation of an interface that is intuitive for all users. Another great challenge was to compile the information found in the different documents of privacy policies, terms, and conditions of the digital platforms for

the Tool, as well as simplify them so that they are understandable by all users without modifying their objectives.

On the other hand, a future challenge is to be able to automate the updating of information that is updated manually today, taking into account the constant evolution of policies, terms, and conditions made by digital platforms.

Views on WSIS Stocktaking and WSIS Prize Contest, Including its relevance to International development

Regarding WSIS, as well as the contest and prizes that they hold annually, we believe that they contribute effectively to the organizations of the countries to join greater efforts in the development of projects and activities that allow society to take advantage of the power of information and communication technologies (ICTs), having as its main objective to participate in each of the lines of action to advance towards sustainable development.

In addition, internationally it is highlighted that the WSIS Prizes have established themselves as an efficient mechanism to recognize successful initiatives of the public, private sector, civil society, international organizations and academic institutions that actively participate in the development of the Information Society at the national and international levels.

“MyGov”

Innovation and Digital Development Agency

Azerbaijan / Government

Basic Information about your Entity

Innovation and Digital Development Agency is a public legal entity under the Ministry of Digital Development and Transport of the Republic of Azerbaijan. The Innovation and Digital Development Agency serves to organize activities in the field of digital transformation in the country, to form a local innovation environment, and to strengthen the ecosystem. Providing accessible education and career opportunities in the field of ICT in the country by assisting in the acquisition of modern technologies and technological solutions and building and organizing digital government and digital society are the priority directions of the Agency.

Project’s Description (activity’s description)

mygov platform is a pioneering government concept that seamlessly integrates citizens, state entities into a unified digital service platform. This innovative system aims to provide a comprehensive array of cutting-edge digital services, fostering collaboration and efficiency. Through the mygov portal, citizens gain access to information provided by government agencies, enabling them to engage with services electronically, acquire e-documents, verify the accuracy of their information, and seamlessly manage the process of sharing their data with other institutions.

Modules in mygov:

Life events: life’s major events from birth to bereavement. Birth, marriage, and death registration.

Three of the existing ten life events have already started to be brought to the platform.

The birth registration functionality on our mygov web platform provides a

straightforward and efficient process for parents to officially register the birth of their child. Users can access a user-friendly interface where they input essential details, such as the baby's name, date of birth, and parent information.

Citizen inbox: citizen-government communication.

Notifications and tickets module streamlines communication and facilitates the efficient handling of citizen inquiries and requests. The Citizen Inbox module fosters a more efficient and user-friendly interaction between citizens and government entities, ultimately leading to enhanced user satisfaction, increased engagement, and improved public service delivery.

Digital wallet: manage and view their essential documents.

After logging into our mygov platform, users gain secure access to a personalized dashboard where they can conveniently manage and view their essential documents. Currently, 40 documents are in implementation.

The main documents are as follows:

- Digital ID
- Driver License
- Marriage Certificate
- Passport

This centralized hub ensures that users have quick and easy access to their critical information, promoting efficiency and providing a user-centric experience. The platform is designed to empower individuals with control over their documents, enhancing the overall accessibility and usability of our mygov services.

Notification: each government agency sends proactive messages to citizens.

Our mygov platform prioritizes user communication and engagement. Users can receive various types of notifications from government organizations, keeping them informed about important updates, announcements, and personalized alerts. The timely notifications contribute to a user-centric experience, demonstrating our commitment to keeping citizens well-informed and empowered in managing their

essential documents. Whether it's renewal reminders for documents like passports or driver's licenses, updates on policy changes, or general government announcements, the notification system ensures that users stay well-informed. This proactive approach enhances the user experience, promoting transparency and timely communication between citizens and government organizations.

Data sharing: share data details from government sources with organizations without bringing any physical documents.

Embracing modern technology, our QR-based data sharing reinforces our commitment to user-friendly and efficient governance. Our innovative mygov platform introduces seamless data sharing through QR codes, enhancing user convenience. With a specialized app, users can effortlessly scan QR codes to identify and access shared information securely.

Consent: manage consents given to third-party applications to access your personal data information. Our mygov platform takes consent seriously, implementing robust consent management to safeguard user privacy. Users have full control, easily granting or revoking consent for data processing with just a few clicks. Transparent and user-friendly, our system ensures individuals stay informed about how their data is utilized. With privacy at the forefront, our mygov platform sets a new standard for responsible and secure data handling.

To conclude, mygov :

- provides easy access to essential government services;
- ensures accessibility and usability for all citizens;
- simplifies bureaucratic processes for enhanced efficiency;
- Envisiones a tech-savvy populance with seamless access to government resources;
- Facilitates transparent and accountable public service delivery.

Examples of linkages between the WSIS Action Line the Project was

awarded for with each of the Sustainable Development Goals it Helps Advance

1) The role of governments and all stakeholders in the promotion of ICTs for development

As mygov, we cooperate with many institutions in the country for the creation of mygov, continuity of activity, and service to citizens in the best way.

3) Access to information and knowledge

Citizens can easily access their personal information through mygov. Citizens manage consents given to third-party applications to access their personal data information. Users have full control, easily granting or revoking consent for data processing with just a few clicks.

7) ICT applications: benefits in all aspects of life

Citizens can easily access their personal information about life's major events through mygov.

Social, Economic and Environmental Impact of the Project

mygov platform is a pioneering government concept that seamlessly integrates citizens, state entities into a unified digital service platform. This innovative system aims to provide a comprehensive array of cutting-edge digital services, fostering collaboration and efficiency. Through the mygov portal, citizens gain access to information provided by government agencies, enabling them to engage with services electronically, acquire e-documents, verify the accuracy of their information, and seamlessly manage the process of sharing their data with other institutions. mygov reduces dependence on physical documentation by digitizing processes and promoting electronic submissions, contributing to the sustainability of the environment. By addressing current challenges, the mygov portal and application contribute o the efficiency, accessibility, and user experience of government services, ultimately strengthening the mutual relationship between citizens and the government.

By moving towards a paperless government, we also support environmental protection. Mygov allows users to electronically obtain documents, streamlines the document search process, and minimizes the need for physical documentation.

Highlights of the Project's Partnership Activities

As mygov, we cooperate with many institutions in the country for the creation of services in mygov continuity of activity, and service to citizens in the best way.

Each government agency sends proactive messages to citizens. Share data details from government sources with organizations without bringing any physical documents.

Challenges and Project's Future Perspectives

The following life events are our future perspective:

1. I am starting a family
2. Birth
3. Education
4. Enrollment in secondary and higher education institutions
5. Employment
6. Health
7. I buy a vehicle
8. I buy real estate
9. I am retiring
10. Death
11. I travel
12. My social responsibility

The challenge is the collection of different types of services from multiple institutions for 1 life event. Talking and reaching an agreement with these institutions, implementing the service, and redesigning government services are also some of the main challenges.

Views on WSIS Stocktaking and WSIS Prize Contest, Including its relevance to International development

It creates an effective mechanism to evaluate projects and activities that leverage the power of ICTs to advance sustainable development.

WSIS Action Line C7.

ICT Applications: E-Business

Analytical Portal (Bayanat)

Financial Services Authority

Oman / Government

Basic Information about your Entity

The Financial Services Authority (FSA) was officially established by Royal Decree No. 20/2024 which was issued on March 25, 2024. It enjoys its juristic personality with both financial and administrative independence, reporting to Council of Ministers.

The FSA is tasked with several essential roles and responsibilities within the financial landscape:

Regulation, Supervision, and Organization of Financial Sectors:

This includes overseeing and organizing various sectors within finance, including capital markets, insurance companies, commodities and energy markets, derivatives, credit rating agencies, and related services and products. The primary aim is to ensure the stability and soundness of these sectors while mitigating potential risks that could impact them or the overall financial system.

Regulation, Supervision, and Organization of the Accounting and Audit Profession:

FSA also holds responsibility for regulating, supervising, and organizing the accounting and audit profession. This includes setting standards, monitoring compliance, and ensuring the integrity and reliability of financial reporting practices within the industry.

Project's Description (activity's description)

The analytical portal (bayanat), is an interactive platform for exchange of business information based on the global XBRL standard to communicate business information to all market participants. The data is made available to all through a rich and analytic portal that enables analysts and investors to take deep dives into the digitalized data and stay updated on latest developments. Users are able to perform various analysis on the data accessed including comparisons and ratio analyses across companies, sectors or any other category and generate reports to help them in their investment decision making.

At the FSA , one of our ley aims is to transform Oman's financial markets to provide readily-available, easily-accessible, analyzable and accurate financial data,. Bayanat platform also allows researchers, academics, analysts, government entities, investment funds and employees of the stock exchange and insurance to analyze and prepare studies and research to take informed decisions in their respective fields of work. The portal contains historical data on financial results of most

companies with several elements and ratios with detailed taxonomies and clarity of process.

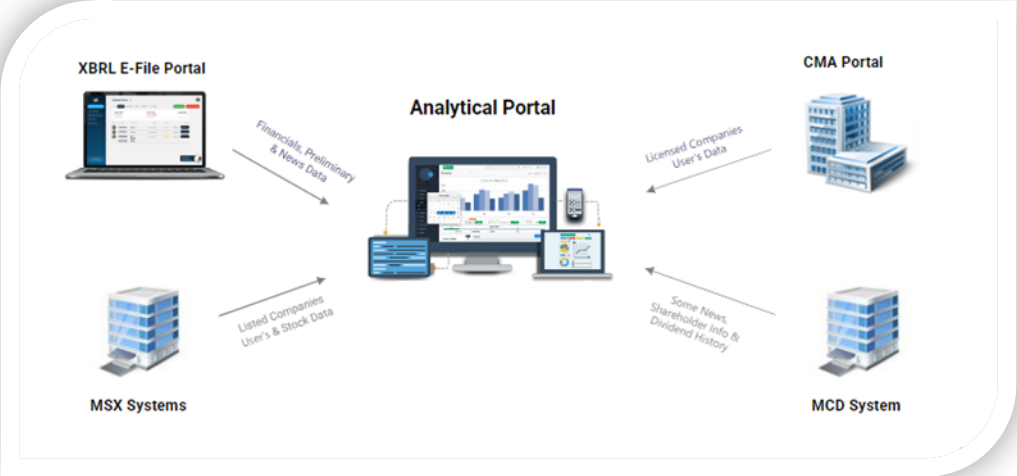
1. Searching for : Company Portfolio, Sector, Ratios, Status, Primary Reports..etc.
2. Access for Public view
3. Access for Regulator inspection and directions.
4. Updation based on last release automatically.
5. Interface displaying setting flexibility.
6. Subscription integrated with the allowed services as per CMA requirements.
7. Integration is the major approach used for make the smooth flow between approved portals if needed.
8. Applicable to be integrated to cloud system.
9. Feasibility for the product owner to modify at any time to comply with the regulatory framework.
10. Exhaustive Ratios and Scores built in
11. Exclusive Reports for Investment Relationship
12. Reports in English and Arabic
13. Reports can be accessible on Android and IOS Mobile
14. Integrated with CMA Business portal
15. Integrated with XBRL E-file portal
16. Integrated with MSX
17. Integrated with MCD
18. Power BI
19. Migration 5 years historical data

High level details regarding analytical. Reports are divided into below mentioned parts -

i. Company specific report - User is able to find all the data related to the selected company on these reports.

ii. Company category specific report - User is able to find data for the specific company category such as listed companies, licensed companies, Insurance companies and Investment companies on these reports.

iii. Other Reports - User is able to access the reports like 'Screener', 'Financial results', 'Preliminary results', 'News and Disclosures' and 'Dividends' by clicking on the links displayed under Quick links section of the landing page.



Examples of linkages between the WSIS Action Line the Project was awarded for with each of the Sustainable Development Goals it Helps Advance

Through the provision of easily accessible (both physically and cognitively) and reliable financial data, the portal embodies key the key features of economic inclusion and wealth creation which enables directly the realization of the objectives of SDG8 and SDG9. It also embodies elements of financial inclusion which indirectly aligns it with the objectives of SDG1, SDG2, SDG3, SDG5, SDG10, and SDG17.

SDG 8 promotes economic growth and jobs while SDG 9 supports industry,

innovation, and infrastructure. Both are highly dependent on accurate and reliable data regularly and on time. This includes scenarios such as decision taken by retail and experience investors alike, tax returns estimates, fiscal policy impact analysis, economic multiplier calculation, etc.

Most specifically to SDG8, the portal enables the FSA and other financial regulators to ensure financial stability, which in turn fosters job creation and economic growth.

Most specifically to SDG 9. the Portal enables the FSA to develop improved regulation, encourage innovation and infrastructure development. In addition, effective oversight enhances institutional transparency, and combats corruption, fraud and tax evasion.

SDG1, on eradicating poverty; SDG 2 on ending hunger, achieving food security and promoting sustainable agriculture; SDG 3 on profiting health and well-being; SDG 5 on achieving gender equality and economic empowerment of women; SDG 10 on reducing inequality, and SDG 17 on strengthening the means of implementation there is an implicit role for greater financial inclusion through greater savings mobilization for investment and consumption that can spur growth. Collaborating on regulatory frameworks strengthens partnerships for sustainable development.

All the above aligns the above mentioned SDGs with the desired outcomes of the portal.

Social, Economic and Environmental Impact of the Project

The project's impact areas as following:

Social Impact:

Promotes financial stability, access to information, and governance transparency, fostering social unity and trust. It creates opportunities for young, novice or inexperienced investors to test the market behaviour and decide on their next financial step.

Economic Impact:

Drives economic growth, innovation, and financial inclusion, creating opportunities for investment and entrepreneurship. The portal provides reliable date in regularly and in a timely manner.

Environmental Impact:

While primarily focused on financial governance, its positive social and economic effects can indirectly support environmental sustainability efforts, especially as we move into green and sustainable finance.

Highlights of the Project's Partnership Activities

The project's partnership activities included collaborative engagement with key stakeholder, knowledge sharing with stakeholders and related parties, capacity building within the FSA and the regulated sectors, inclusivity promotion addressing concerns of different sizes and operations event those outside our regulatory jurisdiction, and global outreach to exchange and learn. These efforts amplify the impact this project and ensure effective regulation and supervision within the financial sector and the economy at large.

Challenges and Project's Future Perspectives

Challenges:

1. Variety of companies and report-formats which was addressed by a rigorous classification process, and creating a common denominator set of data for each of the categories. This also required the creation of a detailed and accessible taxonomy for each category.
2. Lack of exposure to such XBRL and its usages among FSA staff and regulated entities. Successive extensive training and help desk support were provided

throughout the onboarding and system upgrades to meet the systems` new business changes.

3. The huge backlog of 5 years' worth of data. Though the migration was the responsibility of the regulated entities, guidance on mapping was needed continuously. Several elements had to be identified and then matched based on the approved taxonomy. The process got compounded at times when formats changed.
4. Inadequate knowledge or experience with the concept or XBRL standards which resulted in some resistance. The companies were provided with adequate training and almost 24/7 support in the initial stages of onboarding. A soft launch approach was used to get the companies ease their concern and realise the value of online XBRL based reporting. The FSA identified common customer values and used them as leverage to achieve a buy in from regulated entities, such as enhancing investors experience, simplifying financial analysis, maximizing investment volumes, and harnessing technology for the benefit of economic inclusion.

Future perspectives

FSA have constructed XBRL platform to gather financial data and market disclosures from listed companies and licensed intermediaries to pave the way for the new generations of prediction methods, in addition to the following future expectations:

1. FSA plans to offer free access to this data on their web portal and provide analytical tools for investors.
2. By adopting XBRL, the data collected is clean, strengthening its value.
3. Integration with other datasets enables comprehensive analysis, modeling, and predictive insights.
4. Potential products include data feeds, application networks, investor portals, business analytics, and AML-related datasets.
5. Plan for monetarization availability for future

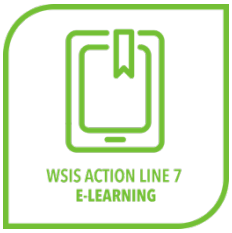
Views on WSIS Stocktaking and WSIS Prize Contest, Including its relevance to International development

WSIS Stocktaking and WSIS Prizes competition play vital roles in international development by:

1. **Showcasing Best Practices:** They highlight innovative projects like ours, fostering knowledge sharing and highlighting successful strategies across borders.
2. **Promoting Collaboration:** By recognizing representative initiatives, they encourage collaboration among stakeholders, accelerating progress towards common development goals.
3. **Enhancing Visibility:** Attracting funding, partnerships, and support for scaling impact globally.
4. **Driving Accountability:** Through demanding evaluation processes, they uphold accountability standards, ensuring that recognized projects contribute meaningfully to international development.

WSIS Action Line C7.

ICT Applications: E-Learning



YoungArcHers project

Universitat Autonoma de Barcelona

Spain / Academia

Basic Information about your Entity

The Universitat Autònoma de Barcelona (UAB), located in Bellaterra (Cerdanyola del Vallès), near Barcelona, is one of the major public universities in Spain.

Since its foundation in 1968, the UAB has been acknowledged for its excellence in promoting quality in teaching and in attracting international talent. Its impact on research is also noteworthy. This excellence is reflected in its position in the most prestigious international rankings. In the 2023 edition of the QS World University Rankings, the UAB placed first among Spanish universities, 178th in the world ranking and 72th within Europe.

The TransMedia Catalonia is an interdisciplinary research group created by Prof Pilar Orero at Universitat Autònoma de Barcelona (UAB) and currently directed by Prof Anna Matamala. For the last 20 years, TransMedia Catalonia has been researching media and digital accessibility using user-centric methodologies and taking into account technological developments. TransMedia Catalonia has a consolidated research line in digital and **media accessibility** from various perspectives (psychological, communicative, linguistic, etc.) and in multiple languages and cultural environments. Our research activities encompass theoretical, descriptive, experimental and technological projects.

As a partner of the Young ArcHers project, TransMedia Catalonia has actively collaborated in all phases of the project, ensuring not only that materials and resources were designed and developed following born-accessible principles, but also making sure that quality standards were met in all phases of the project.

Project's Description (activity's description)

Drawing inspiration from heritage buildings and monuments constructed between 1850 and 1960 in Athens, Barcelona, Nicosia and Paris, the Young ArcHers project proposes efficient training materials and accessible interdisciplinary tools designed to support teachers in motivating their students to discover the European dimension of their local built heritage and develop participatory skills.

Young ArcHers is a European funded Erasmus+ which brings together 5 Europea n partners from 4 different countries:

- KOENA (France) – Project Coordinator.
- C.I.P. Citizens in Power (Cyprus)
- MONUMENTA (Greece)
- Morningside Montessori Elementary (Cyprus)
- Universitat Autònoma de Barcelone (UAB) (Spain)
- 22nd Primary School of Athens (Greece)

The Young ArcHers project targets primary school teachers and their students (9-12 yo), including children with disabilities and those originating from socio-culturally diverse backgrounds.

Moreover, the project emphasizes the role of digital technology as a catalyst for the consolidation of new knowledge and promotes the protection of heritage buildings through local and international awareness campaigns.

Examples of linkages between the WSIS Action Line the Project was awarded for with each of the Sustainable Development Goals it Helps Advance

The Young ArcHers project is fully aligned with the Agenda 2030 and addresses the sustainable development goals (SDGs) related to cultural heritage and inclusive and equitable education, with the aim of making cities inclusive, safe, resilient and sustainable, enhancing also the importance of civic participation for a better society.

All materials and resources developed under the project are open source and have been created with inclusion, diversity and accessibility in mind (SDG4). Thus, the project has made sure that no students regardless of their needs are left behind (SDG10), and has also promoted civic participation (SDG 11, SDG 12 and SDG 16).

In terms of examples, the educational toolkit, the accessible audio guides, and the digital educational games have been designed and developed following accessibility principles. All materials are open source and include specific advice to cater for the accessibility needs of any students, making sure that their participation in culture and leisure is granted inline with the CRDP 2006.

Most importantly, all materials have been validated with a wide range of students and teaching professionals from different countries, social backgrounds, and diverse abilities.

Social, Economic and Environmental Impact of the Project

In terms of social, economic and environmental impact the Young ArcHers project has always considered sustainability as a core element by:

1) adopting a born accessible approach, in line with the Universal Design (UD) principles, for the development and integration of any ICT technologies,
2) following the Universal Design for Learning (UDL) principles to ensure that no one is left behind in the educational context,
3) involving all types of users in the design, development, and testing phases of all teaching and learning resources to ensure civic participation.
4) looking into the transferability and replication potential of the developed ICT teaching and training resources and materials, in line with the findable, accessible, interoperable and reusable principles (FAIR).

Highlights of the Project's Partnership Activities

The Young ArcHers project has developed the following resources as part of the partnership activities:

1. An educational toolkit, containing accessible materials (scientific resources, creative tools and lesson plans) that will support teaching professionals in acquainting their students with core concepts of the project and in guiding them throughout the implementation phase.

2. Accessible audio guides to support educational walks around selected architectural paths in partner cities (Athens, Barcelona, Nicosia and Paris).

3. Accessible multiplex edugames to be used by teachers inside and outside of the classrooms, expected to facilitate assimilation of all new knowledge and trigger creativity among student participants.

4. Local and international awareness campaigns to offer student participants an opportunity to develop valuable soft skills and engage with the purpose of promoting the preservation of built heritage in their urban contexts.

Challenges and Project's Future Perspectives

The Young ArcHers project has always explored the cross-fertilization of knowledge and developed resources with other teaching and research projects. At TransMedia Catalonia, links between Young Archers and international EU funded H2020 projects, such as GreenScent, and Horizon Europe projects, such as ClearClimate, have been created in order to establish a relation between cultural heritage, sustainable practices, and clear communication for meaningful climate change actions through civic participation. In addition, links with the Erasmus+ Athena have been made to bring accessibility and design for all into higher education curricula. Finally, current outcomes of the project, such as accessible audio guides are being further explored in the new Spanish national research project WEL, which aims at researching the creation of easy audios for cultural visits not only in the Spanish context but also in Latin America.

Views on WSIS Stocktaking and WSIS Prize Contest, Including its relevance to International development

WSIS Stocktacking and WSIS Prizes contest is a major milestone for the Young ArcHers project as it will help to boost the importance of accessible and inclusive cultural heritage with a focus on civic participation for making cities of the future more sustainable and resilient.

The following video showcases the aim and results of the Young Archers project:

WSIS Action Line C7.

ICT Applications: E-Health

Check Me

CheckMe App

Rwanda / Private Sector

Basic Information about your Entity

Check Me is an AI-powered e-health platform aimed at addressing the devastating impact of breast cancer in Africa. Inspired by the loss of my sister in July 2023, due to a lack of awareness and early detection, this project aims to combat breast cancer, which is now the leading cause of death among African women and globally the second leading cause. In Cameroon alone, there were 4,207 new cases and 2,285 deaths recorded in 2022, with a mortality rate of around 48% and an expected 50% increase by 2045. CheckMe tackles these challenges by providing an interactive

health platform that combines AI technology, education, self-screening guidance, and connectivity with specialists and survivors. By enabling women to conduct self-breast screenings at home, CheckMe addresses awareness gaps, accessibility issues, and high healthcare costs. Through data analytics, AI, and community engagement, Check Me promotes early detection, empowerment, and proactive healthcare practices, aiming to reduce the burden of breast cancer and save lives throughout Africa.

Project's Description (activity's description)

CheckMe combines education, self-screening with ultrasound technology, and affordable access to specialists, addressing the challenges of limited awareness, accessibility, and high healthcare costs. Through interactive educational content and ultrasound monitoring devices, CheckMe enables women to perform regular self-examinations from the comfort of their homes. It connects users with experienced breast cancer specialists via video calls or messaging, providing personalized guidance and affordable care. By leveraging data analytics, AI, and community engagement, CheckMe fosters early detection, empowerment, and proactive healthcare practices, ultimately reducing the burden of breast cancer and saving lives across Africa.

Examples of linkages between the WSIS Action Line the Project was awarded for with each of the Sustainable Development Goals it Helps Advance

WSIS Action Line: C7. E-Health

The Check Me project directly falls under the WSIS Action Line C7. E-Health, which focuses on promoting the use of information and communication technologies (ICTs) in the healthcare sector. Check Me leverages AI technology, educational resources, and connectivity with healthcare professionals to address breast cancer awareness, early detection, and access to care. Sustainable Development Goals (SDGs):

SDG 3: Good Health and Well-being

Check Me contributes to SDG 3, which aims to "ensure healthy lives and promote well-being for all at all ages." Specifically, the project addresses Target 3.4, which aims to reduce premature mortality from non-communicable diseases, including cancer, by one-third through prevention and treatment.

SDG 5: Gender Equality

By focusing on breast cancer awareness and early detection among women in Africa, Check Me supports SDG 5, which promotes gender equality and the empowerment of all women and girls. The project contributes to Target 5.b, which aims to "enhance the use of enabling technology, in particular information and communications technology, to promote the empowerment of women."

SDG 9: Industry, Innovation, and Infrastructure

Check Me leverages innovative technologies, such as AI, ultrasound devices, and data analytics, to address healthcare challenges in Africa. This aligns with SDG 9, which aims to "build resilient infrastructure, promote inclusive and sustainable industrialization, and foster innovation."

SDG 17: Partnerships for the Goals

The project's description mentions the need for securing investments and partnerships with hospitals, NGOs, and grant organizations. These partnerships support SDG 17, which emphasizes the importance of revitalizing global partnerships for sustainable development.

Social, Economic and Environmental Impact of the Project

Social Impact:

- Increased breast cancer awareness and education
- Improved access to healthcare services
- Empowerment of women through early detection and proactive healthcare
- Community engagement and support networks

Economic Impact:

- Reduced healthcare costs through early detection and intervention
- Increased productivity from a healthier workforce
- Job creation in healthcare, technology, and community outreach
- Alleviation of economic burden caused by breast cancer

Environmental Impact:

- Reduced carbon footprint through remote consultations and self-examinations
- Promotion of sustainable healthcare practices
- Environmental awareness and education related to breast cancer

Highlights of the Project's Partnership Activities

Engaging Healthcare Providers: We are partnering with healthcare providers, including hospitals, clinics, and medical professionals. Engaging brand ambassadors: We have also partnered with social media influencers to increase awareness about breast cancer

Challenges and Project's Future Perspectives

Our primary challenge is to achieve accurate and compliant results with our AI models while minimizing radiation emitted by our intelliScan device. Additionally, our goal is to enhance doctors' productivity through AI-powered analysis, rather than replacing them. In the coming months, we plan to launch our interactive AI-infused platform, followed by the distribution of our intelliScan device within the next six months.

Views on WSIS Stocktaking and WSIS Prize Contest, Including its relevance to International development

The WSIS Stocktaking and WSIS Prizes contest are valuable initiatives that contribute to international development in several ways:
Relevance to International Development:
- Promoting the use of ICTs for sustainable development: The WSIS Stocktaking and Prizes contest highlights and recognize projects that leverage information and communication technologies (ICTs) to address various development challenges. This encourages the integration of ICTs in development efforts, which can lead to more efficient and effective solutions.
- Fostering knowledge sharing and best practices: By showcasing successful

projects and initiatives from around the world, the WSIS Stocktaking and Prizes contest facilitates the sharing of knowledge, best practices, and innovative approaches. This knowledge exchange can inspire and guide other organizations and countries in their development efforts, promoting cross-pollination of ideas and strategies.

- Encouraging collaboration and partnerships: The WSIS initiatives bring together stakeholders from various sectors, including governments, civil society, the private sector, and international organizations. This can foster collaborations and partnerships that are essential for addressing complex development challenges, and leveraging diverse resources and expertise.
- Promoting inclusivity and bridging the digital divide: The WSIS Stocktaking and Prizes contest often highlight projects that aim to bridge the digital divide and promote inclusivity, ensuring that the benefits of ICTs reach marginalized and underserved communities. This aligns with the broader goal of leaving no one behind in the pursuit of sustainable development.
- Recognizing and incentivizing innovative solutions: By providing a platform to recognize and celebrate innovative projects, the WSIS Prizes contest can incentivize and encourage further innovation in the use of ICTs for development. This can attract more attention, investment, and resources towards developing and scaling up effective solutions.
- Aligning with global development agenda: The WSIS Stocktaking and Prizes contest is aligned with the United Nations' Sustainable Development Goals (SDGs) and other international development frameworks. This alignment ensures that the recognized projects and initiatives contribute to the global development agenda and support the achievement of shared goals.

WSIS Action Line C7.

ICT Applications: E-Employment

Smart Employee

Digital Dubai Authority

United Arab Emirates / Government

Basic Information about your Entity

"Digital Dubai is tasked with digitalizing life in Dubai, not just digitizing Dubai government services"

- His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice-President and Prime Minister of the UAE and Ruler of Dubai

Digital Dubai was established by His Highness Sheikh Mohammed Bin Rashid Al Maktoum, Vice-President & Prime Minister of the UAE, and Ruler of Dubai, in June 2021 to develop and oversee the implementation of policies and strategies that govern all matters related to Dubai's digital transformation, including information technology, data, and cyber-security.

Digital Dubai brings together the expertise of three entities – Dubai Electronic Security Center, Dubai Data & Statistics Establishment and Digital Dubai Government Establishment, - to ensure the city collaboratively achieves the vision of the city's leadership to make Dubai a globally leading digital economy.

The entity has been entrusted with four key tasks - accelerate digital transformation of the city through strategic partnerships with governments and private sector entities, increase the Emirate's digital economy contribution to the city's GDP, build and develop digital competencies of national talent, and maintain and develop Dubai's digital wealth whilst accelerating Dubai's cybersecurity efforts.

Project's Description (activity's description)

The 'Smart Employee' App revolutionizes staff management by providing an innovative, user-friendly, and efficient solution for a myriad of services. From leave applications to permissions, colleague communication, and notification approvals, it offers a seamless

experience accessible anytime, anywhere. Powered by AI (CHATGPT), Smart Employee features a Digital Assistant capable of providing accurate and timely responses to inquiries about employee information, HR laws, and policies in any language.

Catering to the diverse needs of managers, employees, and outsourcing requirements, Smart Employee serves Dubai government entities, engaging over 74,000 employees with an impressive 99% usage rate. Developed centrally by Digital Dubai (in-house Development), it not only streamlines operations but also achieves over 95% cost savings by eliminating individual development and operation costs across government entities. Additionally, it plays a pivotal role in advancing Dubai's paperless initiative by digitizing more than 200 requests.

Beyond traditional services, Smart Employee offers unique solutions such as the 'Thank You' feature for expressing gratitude, task management tools, an Analytic Hub, official correspondences, a newsroom, health insurance services, and a grievance system. This comprehensive approach fosters a collaborative work environment, aligning with Dubai's commitment to employee development and satisfaction.

The benefits of Smart Employee include:

- Quick Access: Instantly access a wide range of services anytime, anywhere.
- Paperless Convenience: Effortlessly submit various service requests without the need for paper.
- Integrated Services: Enjoy a unified platform for HR, Finance, Supply Chain, and more, including Medical Insurance and other services.
- Social Engagement: Foster a positive work culture through gamification and Thanks Cards for employee appreciation.
- Time and Effort Savings: Achieve a remarkable 95% time and cost savings, streamlining daily activities for enhanced efficiency

Examples of linkages between the WSIS Action Line the Project was awarded for with each of the Sustainable Development Goals it Helps Advance

Smart Employee project significantly contributes to the implementation of WSIS Action Lines and Sustainable Development Goals (SDGs). Under the WSIS framework, it aligns with the Action Line "E-government" by leveraging technology to provide benefits across all aspects of life. By streamlining staff management processes and offering convenient access to services, Smart Employee enhances government efficiency and promotes transparency,

ultimately contributing to the goal of accessible and effective public services.

In terms of SDGs, Smart Employee directly supports several targets:
SDG 5: Gender Equality - By providing equal access to staff services and opportunities, Smart Employee promotes gender equality in the workplace, ensuring that both men and women have the same access to resources and opportunities for professional development.
SDG 8: Decent Work and Economic Growth - Smart Employee facilitates decent work by improving the efficiency of staff management processes, reducing administrative burdens, and fostering a positive work environment. This contributes to economic growth by enabling employees to focus on productive tasks, thereby enhancing overall organizational performance.
SDG 9: Industry, Innovation, and Infrastructure - The project embodies innovation by leveraging AI technology to deliver efficient and user-friendly staff management solutions. By investing in digital infrastructure and innovative technologies, Smart Employee contributes to building resilient infrastructure and promoting sustainable industrialization.
SDG 17: Partnerships for the Goals - Smart Employee fosters partnerships by collaborating with government entities and stakeholders to develop and implement the platform. By working together towards common goals, such as improving public service delivery and promoting digitalization, the project exemplifies the importance of multi-stakeholder cooperation in achieving sustainable development objectives.
Overall, Smart Employee serves as a prime example of how innovative e-government solutions can contribute to achieving WSIS Action Lines and SDGs, driving progress towards a more inclusive, efficient, and sustainable society.

Social, Economic and Environmental Impact of the Project

The impact of the Smart Employee App extends across economic, social, and environmental dimensions. Quantitatively, with 99% active usage among 74,000 employees, the app has recorded a staggering 98 million logins, reflecting its economic significance in enhancing workforce engagement and productivity. Socially, the issuance of 523,000 digital certificates and 450,000 Thank You cards underscores its positive impact on employee recognition and morale. The app's role in facilitating over 43 million Smart Punch (Geo Location) entries indicates its environmental impact, streamlining attendance tracking and reducing the need for physical presence. Additionally, the substantial numbers in leave and permission requests, update profile actions, dynamic requests, and notification interactions highlight the app's multifaceted impact, fostering efficient communication, employee satisfaction,

and environmental sustainability. Here are more figures about the Smart Employee App:

The Smart Employee App has yielded significant impact across economic, social, and environmental dimensions.

- Above 92% Employee Happiness across all years
- 99% Saving Time
- Over 200 Million AED Cost saving ≈ (USD 54 Million)

Highlights of the Project's Partnership Activities

The project is a Digital Dubai Government initiative aiming to provide a smart employee app accessible to all government employees for Government Resource Planning services. Throughout the project, we've established significant partnerships with various Dubai Government entities, particularly in gathering requirements, conducting user research, and designing the customer experience. Some key collaborations include:

- Partnering with the Dubai Government Human Resource Department, which has helped streamline processes and offer common services like the Dubai Government Directory, Code of Ethics, and Announcements for all employees.
- Collaborating with the Dubai Police to enrich the app with services catering to employees working in the field without access to a laptop.
- Engaging with the Dubai Health Authority to incorporate medical insurance policies and facility coverage.

Challenges and Project's Future Perspectives

The Smart Employee App project, while successful, has encountered certain challenges as the following:

- Managing a high volume of entities is a significant aspect. With 74,000 employees , the app handles a substantial amount of data and user interactions. This necessitates robust infrastructure and efficient data management to ensure seamless user experiences.

- Collecting requirements for the app involves understanding the diverse needs of a large workforce. The dynamic nature of requests, including special projects,

permissions, and approvals, requires a comprehensive information gathering process. This involves engaging with various stakeholders to identify and prioritize features that cater to different user personas, ensuring that the app meets the specific needs of government employees across departments and roles.

- Serving many personas is a critical aspect of the project's success. With 74,000 employees, each with distinct roles, responsibilities, and preferences, the app must provide a user-centric design that accommodates various personas. This entails considering the unique requirements of different departments, ensuring that features are accessible and relevant to employees with diverse responsibilities. By addressing the needs of multiple personas, the Smart Employee App aims to create a comprehensive solution that enhances efficiency and user satisfaction across the entire government workforce.

Views on WSIS Stocktaking and WSIS Prize Contest, Including its relevance to International development

The WSIS Stocktaking and WSIS Prizes contest play crucial roles in advancing international development through the promotion and recognition of innovative ICT initiatives. These platforms serve as invaluable resources for sharing best practices, fostering collaboration, and showcasing success stories in leveraging information and communication technologies (ICTs) for sustainable development.

The WSIS Stocktaking platform serves as a comprehensive repository of ICT-related projects and activities worldwide. It provides a valuable resource for policymakers, practitioners, and stakeholders to identify, analyze, and replicate successful ICT initiatives across various sectors and regions. By documenting and categorizing ICT projects according to the WSIS Action Lines and Sustainable Development Goals (SDGs), the Stocktaking platform facilitates knowledge sharing and collaboration, ultimately contributing to the global effort towards achieving the SDGs.

WSIS Action Line C7.

ICT Applications: E-Environment

AIS E-Waste+ Application

AIS

Thailand / Private Sector

Basic Information about your Entity

The AIS E-Waste+ application is an innovative solution developed under the "**Thais say no to E-Waste"** project by AIS since 2022, with a strong commitment to environmental conservation and acting on climate change. The application aims to address the challenges of e-waste management in Thailand by providing a comprehensive platform that encourages responsible e-waste disposal and recycling. The pain points of traditional drop points for e-waste disposal can indeed hinder effective e-waste management. Two significant pain points are:

1. Lack of Track and Trace: In traditional drop points, individuals disposing of their e-waste often have no way to track and trace the journey of their discarded items. This lack of transparency creates a sense of detachment and uncertainty among users, as they remain unaware of whether their e-waste is being handled responsibly and recycled properly.

2. High Cost of Drop Points: Traditional drop points are often made from recycled paper, which can still be costly to produce and maintain. The expenses associated with creating and managing these drop points may limit their availability and outreach to potential users, hindering efforts to promote responsible e-waste disposal. The E-Waste+ application addresses these pain points through its innovative use of blockchain technology and real-time engagement. By leveraging blockchain, users can now track and trace their e-waste items from the moment of disposal at a drop point to the recycling facility. This level of transparency empowers users and creates a sense of ownership and accountability, as they can witness the positive impact of their actions on

the environment. Additionally, application's use of blockchain allows for a more cost-effective solution.

Project's Description (activity's description)

Under the "Thais say no to E-Waste" project by AIS. AIS E-Waste+ application is the one part of The HUB of E-Waste. The Hub of E-Waste is a recognized center for the sustainable disposal of electronic waste that is safe for the environment. It compose in 5 parts, 1. HUB of Knowledge: A knowledge center that gathers information, articles, and research related to the environment and e-waste, providing updates from various organizations, including the Pollution Control Department, Ministry of Natural Resources and Environment, and Thai Greenhouse Gas Management Organization (Public Organization).2.HUB of Community is the central hub of the Green Community network in Thailand 3.HUB of Drop Points: A cooperative center that expands e-waste drop-off locations, totaling over 2,500 locations nationwide. 4.HUB of Transportation: A center for managing e-waste in collaboration with Thailand Post, receiving e-waste and tracking its status through blockchain technology using the E-Waste+ app, ensuring that every piece of e-waste is delivered to a certified recycling facility. The smart app that uses blockchain technology that can track and trace and offer the incentives for people too. AIS E-Waste+ application is the blockchain app for easily track and trace the E-waste in real time and make it transparency. 5.HUB of Circular: A center for e-waste management and recycling with the primary goal of managing e-waste correctly, without resorting to landfill or zero e-waste.

Examples of linkages between the WSIS Action Line the Project was awarded for with each of the Sustainable Development Goals it Helps Advance

The E-Waste+ application promotes WSIS principles by utilizing blockchain technology to enhance transparency and user engagement in the e-waste disposal process. It aligns with the goal of leveraging ICT for positive impacts in various aspects of life (C7).

Social, Economic and Environmental Impact of the Project

- AIS E-Waste+ Application is awarded several WSIS values in the community:

  1. Inclusivity: Community engagement fosters awareness and participation in e-waste management. Transparency: Blockchain technology ensures transparent e-waste tracking through the AIS E-Waste+ Application.

  2. Sustainability: Circular economy practices promote environmentally responsible e-waste management.

  3. Empowerment: Knowledge dissemination empowers individuals with information on e-waste and environmental issues.

  4. Collaboration: The Green Community network facilitate partnerships for societal development.

  5. Efficiency: convenient drop points encourage public participation in e-waste disposal.

  6. Education: The AIS Hub of E-Waste is the center of knowledge provides resources for community education on environmental issues and e-waste. leveraging technology and collaboration, the AIS E-Waste Hub serves as a comprehensive platform promoting inclusivity, transparency, sustainability, empowerment, and education for a better society and environment.

Highlights of the Project's Partnership Activities

AIS E-Waste+ Application is collaborated with more than 190 organizations including

Government Sector Partnerships:

- Ministry of Natural Resources and the Environment: Collaborated with AIS in the "Thais Say No to E-Waste" network, expanding e-waste drop points nationwide and working with volunteers for proper collection and disposal.
- The Secretariat of The House of Representatives: Partnered with AIS to promote e-waste management, establishing drop points and introducing the E-Waste+ Application to ensure proper e-waste disposal.

Private Sector and Educational Sector:

- Thailand Business Council for Sustainable Development (TBCSD): Partnered with AIS to increase awareness and expand drop-off locations across member organizations, utilizing the E-Waste+ Application.

- First Sandbox of E-waste+ Platform: AIS collaborated with six organizations including Denso International Asia (Thailand) Co., Ltd., Chulalongkorn University, and others to develop e-waste management standards and encourage transparent engagement through blockchain technology.
- Waste Management Siam (WMS): AIS collaborated with WMS to promote sustainable practices in Thai football through the "Green Thai League" project, collecting electronic waste for recycling into medals and other sustainable activities.
- PTTGC: Partnered with AIS to initiate the "Green University: Turn Waste into Memories" project, involving 11 leading universities to collect e-waste and plastic waste for educational scholarships and upcycled trophies.
- LG Electrics (Thailand), Co., Ltd., Jaymart Group Holdings, Queen Sirikit National Convention Center: Partnered with AIS to establish e-waste drop-off locations at LG stores and other venues to facilitate proper disposal and raise awareness.
- Community Initiatives: AIS and Green Partnership members expanded e-waste drop-off locations in provincial areas, promoting community involvement in waste management.

Media Collaborations:

- Green Wave: AIS collaborated with Green Wave to launch the "AIS E-waste Set Zero" campaign, encouraging individuals to deposit e-waste at designated locations and promoting awareness through eco-friendly prizes.
- "Ejan VS E-Waste": AIS partnered with Ejan web page to raise awareness about e-waste hazards and educate the public on recycling methods through the "Ejan VS E-Waste " campaign.

These partnerships between government entities, private sector companies, educational institutions, and media organizations demonstrate a collective effort to address e-waste management challenges in Thailand, promoting sustainable practices and environmental conservation.

Challenges and Project's Future Perspectives

Challenges for E-Waste+:

• Public Awareness and Participation: Increasing awareness and encouraging consistent

engagement with the platform among the public.

• Infrastructure and Accessibility: Expanding the network of e-waste drop points and ensuring accessibility in rural areas.

• Data Security and Transparency: Maintaining user trust and data privacy while ensuring transparency in e-waste tracking and carbon score calculations.

• Long-Term Funding and Sustainability: Securing financial resources for platform maintenance, operation, and expansion beyond initial funding streams.

• Policy and Regulatory Environment: Advocating for supportive policies and regulations that promote responsible e-waste management and incentivize platform usage.

• Technology Development and Integration: Continuously improving and refining the platform's features and integrating with existing waste management systems and My AIS Application.

Views on WSIS Stocktaking and WSIS Prize Contest, Including its relevance to International development

The WSIS Stocktaking and WSIS Prizes contest are pivotal initiatives by the International Telecommunication Union (ITU) that reward outstanding ICT projects contributing to sustainable development. They promote innovation, knowledge sharing, and collaboration globally, aligning with the United Nations' Sustainable Development Goals (SDGs). These initiatives support capacity building and the dissemination of best practices, fostering global progress in areas such as education, health, environmental sustainability, and economic growth. AIS E-waste+ Application is a notable project within the WSIS framework that addresses electronic waste management. It educates users on e-waste impacts. WSIS initiatives like the AIS E-waste+ Application showcases the significant role of ICT in sustainable development. By recognizing and promoting such projects, WSIS fosters global collaboration and innovation, driving progress towards a sustainable future.

WSIS Action Line C7.

ICT Applications: E-Agriculture

GeoTanaman

Department of Agriculture

Malaysia / Government

Basic Information about your Entity

GeoTanaman represents a cutting-edge system built on the principles of service-oriented architecture, designed for accessibility through both web and mobile platforms. Its primary function is to acquire, manage, analyse, and present geospatial information related to Malaysia's food crops. The overarching goal of this system is a comprehensive National Crop Inventory Geospatial database characterized by organization, seamlessness, and continuous updates, aligning with the broader vision of Digital Agricultural Transformation.

Project's Description (activity's description)

Commencing in 2022, GeoTanaman aims to register all food crop farmers, with farm-related data being regularly updated by farmers on the provided land use map and subsequently verified by the Department of Agriculture (DOA). Leveraging the latest information on crops, planting practices, and market demands, farmers can strategize for future planting activities, engage in market analysis, and identify potential business opportunities. By facilitating the integration of real-time data, the system serves as a catalyst for enhancing farmers' income and reduce reliance on imported foods. GeoTanaman stands as a pivotal tool in fostering a resilient and self-sufficient agricultural landscape.

Examples of linkages between the WSIS Action Line the Project was awarded for with each of the Sustainable Development Goals it Helps Advance

This project significantly contributes to the sustainability of Malaysia's agriculture, particularly in food crop production. It aids farmers in planning their crops according to current local and national demand, addressing over-supply issues. The system enhances farm record management, facilitating organized planting plans. Additionally, it enables direct market expansion to exporters and hypermarkets through an online platform, allowing farmers to set competitive prices without intermediaries. Moreover, the project plays a crucial role in raising awareness about digitalization among farmers, many of whom are older individuals.

Social, Economic and Environmental Impact of the Project

The GeoTanaman system is making a significant impact on Malaysia's agriculture, bringing positive changes to both the economy and society. GeoTanaman is helping farmers earn more by guiding them to make smarter decisions about what and when to plant. This, in turn, boosts the overall income of farmers and strengthens the economic foundation of the agricultural sector. Moreover, GeoTanaman plays a crucial role in ensuring that our food supply is stable and secure. By aligning planting plans with demand, it reduces the risk of having too much or too little, making Malaysia more self-reliant and less dependent on imported food.

In addition, GeoTanaman is bringing the farming community together by providing a system for organized and detailed data. This not only helps farmers make better decisions but also fosters a sense of community collaboration and knowledge sharing. GeoTanaman also help in increasing Utilization of Digitalization in Food Crops Industry. GeoTanaman is leading the way in making agriculture more digital-friendly. By encouraging farmers to manage their planting plans through an easy-to-use digital platform, the system is helping to increase digital literacy in the agricultural sector, making it more connected and efficient.

In summary, GeoTanaman is not just a system; it's a catalyst for positive change. Farmers are seeing increased incomes, and the entire agricultural community is embracing digital tools for a more sustainable and prosperous future.

Challenges and Project’s Future Perspectives

The primary challenge of this system lies in the fact that many farmers, predominantly older individuals, are not familiar with digitalization. Currently, agriculture

officers play a crucial role in assisting them in navigating the system. The system's core objective, however, is to empower farmers to independently update their planting plans continuously. This shift towards self-management poses a significant challenge, requiring sustained commitment from the farmers. Moreover, the hurdle extends to the limited internet connectivity in numerous rural areas across Malaysia, hindering farmers' access to the system. As a developing country, addressing these digital literacy and connectivity barriers becomes imperative for the successful implementation and effectiveness of the project.

To overcome those challenges, GeoTanaman System application was also launched which for the time being can only be navigated through the Android software which has been downloaded in Google Play Store. The more friendly user app helps senior citizen to manage their farm using GeoTanaman apps only in their Android mobile beside need to use desktops or laptop. Our Agriculture Development Agent in field also help farmers through data entry at their service area location to launch the GeoTanaman System, especially for the older generation of farmers. As for the results, approximately 40,500 users have been registered in GeoTanaman System by Mei 2024 which have been increasing by 25% from last year user.

In conclusion, GeoTanaman is playing a vital role in transforming Malaysia's agriculture. Its user-friendly approach, combined with its ability to provide valuable insights and facilitate collaboration, is driving positive change in the sector. With continued efforts to address challenges and expand its reach, GeoTanaman has the potential to further enhance the sustainability and productivity of Malaysian agriculture.

Views on WSIS Stocktaking and WSIS Prize Contest, Including its relevance to International development

Not just setting a high standard in respective fields through innovative solutions, WSIS Prizes contest is also a good platform in promoting efficient and effective digital services in line with global sustainable development goals. As a developing country, Malaysia is well known with its effort to strengthen its ICT development in all sectors and in every community. Thus, participating in the WSIS Prizes contest could offer Malaysia an excellent opportunity to showcase its achievements and initiatives in utilizing ICT for sustainable development.

Overall, participating in the WSIS Prizes contest aligns with Malaysia's vision of becoming a technologically advanced nation while promoting inclusive and sustainable development. It provides a platform to showcase achievements, attract partnerships, and foster knowledge exchange, ultimately driving progress towards national and global development goals.

WSIS Action Line C7.

ICT Applications: E-Science

Large-Capacity Wide-Area Data Express for Scientific Computing Breakthroughs

China Mobile Communications Group Co. Ltd

China / Civil Society

Basic Information about your Entity

China Mobile Communications Group Co., Ltd. provides communications and information services in all 31 provinces, autonomous regions and directly-administered municipalities t hroughout the mainland of China and in Hong Kong SAR, and boasts a world-class telec ommunications and information operator with the world's largest networkand customer b ase, a leading position in profitability, brand value and market value ranking. Its business es primarily consist of voice, data, broadband, dedicated lines, IDC, cloud computing, IoT and other services in the Customer, Home, Business and New ("CHBN") markets.

In 2023, the Company was once again selected as one of The Global 2,000 World's Larg est Public Companies by Forbes magazine and Fortune magazine's Global 500 list. The C

hina Mobile brand was once again listed in BrandZ™ Top 100 Most Valuable Global Brands 2023 ranking 73.

Project's Description (activity's description)

The explosive growth of data and the breakthrough of AI technology have promoted the development and transformation of the scientific field, and data has become the most important new element for scientific development and breakthroughs. Taking astronomical data calculation as an example, an observatory has over 200 observation projects every year, and a single project generates observation data of the order of TB~PB, with an annual output of about 15PB of data. The amount of gene sequencing data of a gene company is 100PB/year, and the amount of cloud data is about 1TB~100TB/time.

However, at present, the wide-area transmission of large data volume is still dominated by the physical medium transmission of manual hard disks, which is extremely inefficient, has poor effectiveness, and has great potential security risks. The contradiction between the explosive growth of data and the inefficiency of data transmission is becoming more and more prominent in the field of scientific research. An efficient and economical online data transmission solution is urgently needed for the remote migration of massive data in scientific computing.

This project proposes a data express solution and service, based on computility network, combined with AI intelligent scheduling, to provide efficient, economical, safe and reliable massive data transmission services. Provide a more excellent and efficient data transmission experience for the development of electronic science, and serve major breakthroughs and innovations in electronic science.

Examples of linkages between the WSIS Action Line the Project was awarded for with each of the Sustainable Development Goals it Helps Advance

This project provides efficient, economical, secure, and reliable data transmission services, eliminates the computing power gap in remote areas, and makes computing power a social level service with one point of access and instant use. It promotes cross regional and cross domain data sharing and cooperation, promotes the rapid development of scientific

computing fields such as astronomy, genetic sequencing, and meteorology, and supports major breakthroughs and innovations in E-science.

Social, Economic and Environmental Impact of the Project

The data express service based on the computility network has been applied in large-scale data disaster recovery storage, astronomy and other fields, and nearly 3,000 data service lines have been opened. China Mobile, the National Astronomical Observatories and other units have completed long-distance high-throughput tests of more than 2,200 kilometers, and used the network to stably transmit more than 40TB of data every day during idle hours, successfully saving data transmission time by 50%, saving computing power costs by more than 40%, and improving computing efficiency by more than 300%.

At the same time, the efficient data transmission service also promotes the optimal layout of data centers across the country and the improvement of energy efficiency. Data centers are prioritized in areas with abundant green energy, such as Guiyang and Zhongwei, which have abundant wind, solar, and hydro energy resources. Based on this layout optimization, the power transmission loss is reduced by 5.63%, and the power consumption of the data center is reduced by 20%.

The data express service promotes the flow of data elements to underdeveloped regions, drives the introduction and development of regional materials, capital, talents, and technologies, and effectively promotes regional economic growth. In the future, with the expansion from the field of scientific computing to telemedicine, remote industry, agriculture and other industries, an industrial chain of more than 10 billion yuan will be created in underdeveloped areas.

Highlights of the Project's Partnership Activities

During the process of promoting this project, China Mobile has paid special attention to the development of partnerships. On the one hand, it maintains close contact with demand units such as Tsinghua University, the Guizhou FAST and Yunnan Observatory, and carefully collects their needs and pain points for large-scale data transmission when using remote computing resources. On the other hand, in the field of infrastructure construction, China Mobile leverages its network coverage advantages and ensures the openness of network operation status data and network capabilities through cooperation with network equipment vendors. It also creates a smart orchestration and scheduling system for computility network, providing customers with the best quality data express service.

Challenges and Project’s Future Perspectives

With the rapid development of the digital economy, the demand for large-scale cross-do main data transmission is increasing, and scenarios such as multi-cloud data backup and data migration to the cloud have higher requirements for the efficiency of online data m igration, and it has become an urgent need to realize the efficient transmission of massiv e data over the WAN.

Relying on China Mobile's advanced computility network infrastructure, it can provide two types of business models: data express station and direct pass, combined with key techn ologies such as high throughput, high elasticity and low latency, to maximize the efficien cy of online data transmission and provide users with differentiated service capabilities fo r private line transmission, aggregation transmission and off-peak transmission.At present, the data express service has been applied in the fields of large-scale data disaster recove ry storage and astronomical monitoring data transmission, and has a wide range of mark et demand and growth potential in scenarios such as cloud disaster recovery, film and te levision editing, scientific computing, and gene sequencing in the future.

Views on WSIS Stocktaking and WSIS Prize Contest, Including its relevance to International development

The WSIS Prizes contest aims to recognize outstanding contributions by individuals, p rojects, or organizations in the implementation of WSIS goals and principles. This con test is of significant value to international development as it serves several purposes:

Acknowledging Achievements: By awarding prizes, the WSIS Prizes contest honors tho se who have made significant accomplishments in the field of the information societ y. This is not only a recognition of their work but also an inspiration for more indivi duals to engage in the construction of the information society.

Sharing Experiences: Winners often share their experiences and stories across various platforms, which helps to disseminate successful cases and best practices, benefiting a wider audience.

Promoting Balanced Development of the Global Information Society: The WSIS Prizes

contest focuses on the development of the global information society, particularly pr ojects and organizations in marginalized and underserved areas, which contributes to the balanced development of the global information society.

Achieving Sustainable Development Goals: One of the objectives of the WSIS Prizes c ontest is to drive the achievement of the United Nations Sustainable Development G oals (SDGs), particularly in the field of information and communication technology.

WSIS Action Line C8.

ICT Applications: Cultural diversity and Identity, Linguistic Diversity and Local Content

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Center for Digitization and Documentation of Heritage and Arts Setif

DIGITIZATION ASSOCIATION FOR TECHNOLOGY AND SCIENCE

Algeria / Civil Society

Basic Information about your Entity

Aalto University is a multidisciplinary university located in Espoo, Finland. It was founded in 2010 through a merger of three Finnish universities: Helsinki School of Economics, Helsinki University of Technology, and the University of Art and Design Helsinki. Aalto University emphasizes a cross-disciplinary approach to education and research, focusing on areas such as art and design, business, engineering, and technology. It comprises six schools: the School of Arts, Design and Architecture; the School of Business; the School of Chemical Engineering; the School of Electrical Engineering; the School of Engineering; and the School of Science. This project was developed at the school of electrical engineering

department of information and communications engineering by PhD student Sehad Nassim supervided by Prof Riku Jäntti.

Project’s Description (activity’s description)

Nowadays, agriculture is increasingly an important sector for food self-sufficiency inparticular and for the country's economy in general. With the dizzying development of electronics and computing and particularly thanks to IoT (Internet of Things) and ICT (Information and Communications Technologies) systems, we are witnessing a craze among researchers and manufacturers to focus on automatic and intelligent control of agricultural activity. In this sense, one of the major problems that should be managed in a more modern way is the automatic irrigation of plants. Our project is part of this perspective, and it consists of the design and construction of an automatic irrigation system for houseplants. The system will be designed using an embedded system such as IoT (Internet of Things) and based on a nano computer such as (Arduino, Raspberry, etc.). The system must irrigate the different plants according to temperature and humidity measurements or by predefined programs. The system must be equipped with communications technology that will allow it to be connected to the internet and accessible via websites and possibly accessible via SMS (Short Message Service) commands from the GSM (Global System for Mobile Communications) system.

Examples of linkages between the WSIS Action Line the Project was awarded for with each of the Sustainable Development Goals it Helps Advance

- Goal 1: No poverty
- Goal 2: Zero hunger
- Goal 6: Clean water and sanitation
- Goal 8: Decent work and economic growth
- Goal 13: Climate action
- Goal 17: Partnerships for the goals

Social, Economic and Environmental Impact of the Project

This project helps preserve the planet's most important resource, water, and helps poor populations practice more efficient and productive agriculture using as little water, electricity and effort as possible.

Highlights of the Project's Partnership Activities

The project was built at Aalto university, Espoo, Finland in collaboration with University of Sciences and Technology Houari Boumediene Algiers. Algeria.

Challenges and Project's Future Perspectives

We plan to implement the project at some testbed farms as a pilot project to gather data which then can be used to make smarter decisions regarding irrigation through AI.

Views on WSIS Stocktaking and WSIS Prize Contest, Including its relevance to International development

WSIS Stocktaking is a continuous process that collects and disseminates information, thus encouraging researchers and innovators by providing visibility, which is important for securing funding. This visibility not only enhances the prospects of attracting financial support but also opens opportunities for collaboration and partnership.

WSIS Action Line C9.

Media

Upview - One-stop AI Solution for content creators to go viral - consistently!

Upview

United States of America / Private Sector

Basic Information about your Entity

Upview is an AI-powered growth platform for video content creators. We are based out of Oakland, California. The company aims to automate video strategy, support execution, and drive distribution for content creators using proprietary AI technology.

Project's Description (activity's description)

Upview is a one-stop growth platform that helps content creators automate their video strategy, SEO, customized ideas/scripts, and cross-platform content distribution. The platform intelligently matches similar creators for best practices and collaboration opportunities, ultimately increasing their ROI with minimal effort. Upview targets creators with 10K-100K subscribers on at least one major video platform, as they have the highest growth potential and willingness to pay.

Examples of linkages between the WSIS Action Line the Project was awarded for with each of the Sustainable Development Goals it Helps Advance

Upview's project aligns with WSIS Action Line C7 (ICT Applications: E-business) and contributes to SDG 8 (Decent Work and Economic Growth) by enabling content creators to monetize their video assets effectively across multiple platforms. By democratizing ad revenue across all income groups with internet access, Upview helps reduce income inequalities (SDG 10) and promotes sustainable economic growth.

Social, Economic and Environmental Impact of the Project

Socially, Upview empowers content creators from diverse backgrounds to monetize their talents and creativity, fostering a more inclusive digital economy. Economically, the platform helps creators increase their revenue potential by leveraging multiple video platforms and automating time-consuming tasks. This allows creators to focus on producing high-quality content, leading to increased income and job creation within the creator economy.

Highlights of the Project's Partnership Activities

We have partnered with esteemed institutions such as UC Berkeley, Carnegie Mellon University as we are part of their accelerator programs.

Challenges and Project's Future Perspectives

One of the main challenges Upview faces is the constantly evolving landscape of the creator economy and the need to adapt to new platforms and trends. However, the company's focus on AI-driven solutions positions it well to tackle these challenges. Upview aims to onboard 5,000 paying users by end of 2024, with a revenue potential of $10.2M. As the creator economy continues to grow, Upview has the potential to become a leading platform for content creators worldwide.

Views on WSIS Stocktaking and WSIS Prize Contest, Including its relevance to International development

Upview recognizes the importance of the WSIS Stocktaking process and the WSIS Prizes contest in promoting and showcasing innovative ICT projects that contribute to the achievement of the SDGs. By participating in these initiatives, Upview hopes to raise awareness about the transformative potential of AI-powered solutions in the creator economy and inspire other entrepreneurs to develop projects that drive positive social, economic, and environmental impact on a global scale.

WSIS Action Line C10.

Ethical Dimensions of the Information Society

Smartpur

Nokia

Switzerland / Private Sector

Basic Information about your Entity

At Nokia, we create technology that helps the world act together. Nokia is a trusted partner for mobile, fixed and cloud networks. We work together with private and public partners to develop connectivity that benefits countries, industries, and communities. Service providers, enterprises and partners worldwide trust Nokia to deliver secure, reliable and sustainable networks today – and work with us to create the digital services and applications of the future. We see the potential of digital to create a more sustainable, productive and accessible world. As a key enabler of the digital world, we strive to maximize our positive impact and reduce our footprint. We also bring the power of networks to enterprises and communities not yet served and develop skills to provide inclusive access to opportunity.

Nokia has been contributing to India's technology and connectivity advancements in recent decades. Our journey has witnessed several milestones, including the first ever GSM call in India in 1995 on a Nokia phone over a Nokia supplied network, bringing 3G services in 2011, pioneering 4G/LTE technology in 2012, and introducing 5G to India in 2022.

Our CSR initiatives are developed and implemented through meaningful partnerships with key stakeholders including national, state and local governments, not-for-profit organizations, and – most significantly – communities across 11 states in India by engaging

and prioritizing their needs.

Project's Description (activity's description)

Smartpur, Nokia's flagship CSR initiative, intends to empower and support local communities through digital technology, aligning closely with our thematic area of 'Connecting the Unconnected'. The project involves supporting local youth entrepreneurs by providing them with facilities to make services across the pillars of Livelihood, Health, Education, Financial Inclusion, and Governance accessible at the village level through Smartpur centers. Beneficiaries of the project leverage digital tools to access livelihood opportunities and skill-based training programs, telemedicine services, education in technology and computer literacy, financial services such as banking, and government schemes and services.

The Smartpur project is implemented for the benefit of marginalized and socio-economically underprivileged communities. The project is implemented following thorough baseline and needs assessments to establish robust rationales for implementing the project in specific locations.

A key component of the project involves the establishment of technologically driven infrastructure, such as radio frequency internet connectivity and installation of network towers with a peer-to-peer network, and energy efficient infrastructure, such as solar panels. This infrastructure supports youth from local communities to run and operate centers and become Smartpur entrepreneurs, computer instructors, and community mobilizers.

Smartpur started as Nokia's flagship CSR initiative in 2017 with 10 Smartpur centers in the state of Haryana, in partnership with Save the Children India and Digital Empowerment Foundation. The number of centers has since grown to 350. The project has reached over one million beneficiaries since launch. Of the 350 current centers, 40 are now entirely self-sustaining and operate without Nokia's support.

Key highlights as below:

- Digital connectivity will provide India with the means to rapidly transform its socio-economic landscape.

- Nokia's Smartpur program creates a sustainable ecosystem for smarter villages where community members can leverage digital tools to bring efficiency in daily lives.
- It encompasses the basic tenets of Digital India by targeting five key areas of development - health, education, livelihood, governance and finance.

Examples of linkages between the WSIS Action Line the Project was awarded for with each of the Sustainable Development Goals it Helps Advance

Ethical dimensions of the Information Society: SDGs 8 (Good jobs and economic growth), and 9 (Industry, innovation and infrastructure) are pertinent for Nokia, and we believe that Smartpur project evidences how digitalization is creating a greater degree of positive impact.

In 2023, we supported Smartpur centers in 350 villages across India and the number of direct beneficiaries reached in 2023 is 119,795. Additionally, in our effort to support the productive employment, capacity development and skilling of India's youth, we have partnered with the Telecom Sector Skill Council (TSSC) to establish a center of excellence that offers certified training in futuristic and in-demand job roles in 5G and IoT. This builds awareness and boosts the availability of skilled manpower for the telecommunications industry.

Social, Economic and Environmental Impact of the Project

As the project has been a crucial source of digital inclusion for marginalized communities in India, through concerted efforts, we successfully scaled Smartpur from 260 centers in 9 states in 2021-22 to 350 Smartpur centers in 10 states in 2022- 23. In addition to supporting entrepreneurship, the project has been enabling access to education and training in digital literacy and science, facilitating livelihood and skill enhancement trainings and enabling the uptake of telemedicine. These centers have aided participation in social protection schemes and services by rural communities. Our project has created significant

social impact. In 2022-23 alone, Smartpur reached over 800,000 direct beneficiaries across rural India.

Highlights of the Project's Partnership Activities

- 350 Smartpur centers across 10 states
- Over 835,000 beneficiaries reached in total
- More than 26,900 people sought digital literacy services at the centers
- Transactions worth 120 crores INR were undertaken by beneficiaries across the centers
- Approximately 4.8 Lakh people supported with governance services
- 289 beneficiaries were linked to seed grants and started their own ventures
- 106 new entrepreneurs associated with Smartpur in 2022-23; 9 lakh INR - the highest revenue generated by an entrepreneur
- Over 17,500 accessed health services

Challenges and Project's Future Perspectives

An estimated 2.6 billion people globally remained unconnected to the internet in 2023 according to data from the International Telecommunications Union (ITU). Nokia's products and solutions can help provide more equal access to healthcare, education and employment, and enable small businesses to participate in the digital economy. We use our digital connectivity solutions to increase digital inclusion and we provide support and technology knowledge to encourage the development of digital skills in communities. Smartpur is a wonderful example of these principles in action, especially as we look to make these centers self-sustaining.

On average, a Smartpur center is supported by Nokia for at least 3 years to monitor its performance and overcome any roadblocks such as operational challenges. We then seek to handover centers to communities such that they continue to receive digital services. Centers for exit are identified following a detailed analysis concerning the maturity and

readiness of each Smartpur center from a revenue and governance perspective. This supports the entrepreneur's motivation to expand their services, converge with other schemes of the government and convert their center into a profitable business enterprise-leading to their financial and social empowerment.

We look forward to continuing to support local communities and entrepreneurs with facilities to make services across the pillars of Livelihood, Health, Education, Financial Inclusion, and Governance accessible at the village level through Smartpur centers.

Views on WSIS Stocktaking and WSIS Prize Contest, Including its relevance to International development

We believe that connectivity and digitalization can have a key role as an enabler, unlocking economic opportunity and growth and facilitating access to work, education, healthcare and other public services. More investment in digital infrastructure is needed to close persistent digital divide. Initiatives like WSIS play an important role in sharing best practices how to unlock impact at scale through digitalization, and to mobilize support – across public and private sector – to achieve development goals.

WSIS Action Line C11.

International and Regional Cooperation

University Diploma in Internet Governance and Regulations

South School on Internet Governance

Argentina / Academia

Basic Information about your Entity

The main objective of the South School on Internet Governance SSIG is to train young students and professionals from different disciplines in understanding the importance of Internet Governance in the future of the Internet and its impact in developing economies.

The mission of the South School on Internet Governance is to:

- Increase the representativeness of developing economies in spaces where Internet Governance is discussed and defined
- Create a training space for new generations of professionals who actively participate in meetings where the future of the Internet is defined
- Train new leaders of opinion on issues related with Internet Governance in each of the countries of the region.

Following these principles and objectives and building up from the experience since 2009, the University "Diploma in Internet Governance and Regulations" has been created, offering high quality university training at no cost for fellows from all over the world.

Project's Description (activity's description)

During the 16 editions of the SSIG more than 7,000 fellowships have been awarded to face-to-face and virtual participants from the Americas and from all over the world.

SSIG is organized based on three learning stages:

1. An eight week self assisted asynchronous training course, based on exclusive materials prepared by SSIG team: podcasts, videos and reading materials
2. A five days intensive hybrid training activity
3. A research phase for those fellows who duly completed all the evaluations of phase 1 and 2. This research is monitored and endorsed by the University of Mendoza, Argentina. Those fellows who complete the three stages will

have access to the official university degree of "Diploma in Internet Governance and Regulations".

All activities are offered in both languages: Spanish and English. During the face-to-face event there is simultaneous translation by interpreters in both languages, and remote participation with video streaming and audio channels.

Pre training and research phase are available in three languages: spanish, english and portuguese.

During the hybrid stage, fellowships include training, hotel and meals, gala dinner, and social activities.

SSIG has published the book "Internet Governance and Regulations in Latin America" available online in. Spanish , English and Portuguese languages, free for the community at www.gobernanzainternet.org

The South School on Internet Governance rotates among countries of America and has been organized with great success in:

2024 - Buenos Aires, Argentina, University of Mendoza
2023 - Campina Grande, Paraíba State, Brazil, University of Paraíba, University of Mendoza
2022 - Buenos Aires, Argentina, University of Mendoza, Secretary Public Innovation Argentina
2021 - Virtual SSIG - Bogotá, Colombia / Buenos Aires, Argentina
2020 - Virtual South School on Internet Governance - Buenos Aires, Argentina
2019 - Ministry of Economy, Mexico City, Mexico
2018 - CYBER SSIG - OAS Headquarters, Washington DC, USA
2017 - FGV, Fundação Getúlio Vargas, Rio de Janeiro - Brazil
2016 - OAS Headquarters, Washington DC, USA
2015 - San José de Costa Rica, Costa Rica
2014 - Port of Spain, Trinidad & Tobago
2013 - Panama City, Panama
2012 - Bogotá, Colombia
2011 – México City, México

2010 - San Pablo, Brazil

2009 - Buenos Aires, Argentina

The South School on Internet Governance program of activities is updated every year and includes different disciplines that relate to the Internet. All editions, programs and other information of the editions of the SSIG can be reviewed in its website: https://gobernanzainternet.org/

The SSIG LAC YouTube channel contains videos of all editions of SSIG. Each session can be viewed independently in different languages.

In 2022 the SSIG has received the "WSIS Champion" award from the United Nations in recognition of its impact on Internet training.

In 2024 the "Diploma in Internet Governance and Regulations" created by the SSIG has received the WSIS Prize in the category of International Cooperation.

SSIG is a founding member of the "Dynamic Coalition of Schools on Internet Governance" at the United Nations Internet Governance Forum.

Project website

https://www.gobernanzainternet.org/

Examples of linkages between the WSIS Action Line the Project was awarded for with each of the Sustainable Development Goals it Helps Advance

Among all the WSSI action lines, the South School on Internet Governance plays a special role in relation with "WSIS Category 18 — AL C11. International and regional cooperation", for which this project was awarded for.

Since its beginning in 2009, the SSIG has been organized rotating in the Americas region, being organized each year in a different country and city. In this way, the involvement of each local community is higher, including experts and fellows. They all join other fellows who come in person or virtually from all countries of the

Americas and from all over the world.

Having training materials and activities offered in different languages, broadens the reach of the training program, having a higher impact.

After each training event, all the materials and videos are available in the SSIG LAC YouTube Channel, where videos can be reviewed and are available in different languages.

In relation with the sustainable development goals, those related to this project can be defined as:

Goal 1: No poverty: because the program of activities of the SSIG includes the impact of the Internet in the economies of developing countries and beyond.

Goal 3: Good health and well-being: the impact of the Internet in the good health of the society is one of the focus of the program of activities.

Goal 4: Quality education: the SSIG offers high quality university education through the "Diploma in Internet Governance and Regulations" at no cost for the fellows who complete all evaluations and research phases.

Goal 5: Gender equality: since its very beginning the group of fellows has full gender balance, including other groups as LGBT and native Americans.

Goal 8: Decent work and economic growth: Several aspects of the impact of the Internet in the work and economy of developing activities are reviewed in the program of activities of the SSIG.

Goal 9: Industry, innovation, and infrastructure: The SSIG is the perfect space for thinking about and creating new startups, learn about the Internet infrastructure and its impact in the industry in general and at the local level.

Goal 10: Reduced inequalities: As the fellowship has no cost for fellows, the capacity building program offered by the SSIG opens the opportunity for those fellows that could not afford a high quality university training.

Goal 11: Sustainable cities and communities
Goal 12: Responsible consumption and production

Goal 13: Climate action:
In relation with Goals 11, 12 and 13, one of the aspects that are included in the training is the impact of technology and the Internet in the environment and how technology can help solving the environmental problems at the national and city level.

The SSIG promotes the WSIS values in the community:

Peace: All the SSIG program promotes awareness to protect environment and infrastructure against all kind of aggressions.

Freedom: SSIG promotes an open and interoperable Internet and freedom of expression.

Equality: SSIG helps understand the use of ICT and Internet to reduce inequalities.
Solidarity: the SSIG grants fellows to all participants and allows training of high quality at no cost.

Tolerance: The SSIG includes all the groups: women, young, old, disabled person, and other vulnerable groups.

Shared responsibility: SSIG brings together all the stakeholders both in the experts who teach and the group of fellows, to promote the importance of the multistakeholder activities.

Respect for nature: Program always includes perspective of the use of ICT to care for the environment.

Social, Economic and Environmental Impact of the Project

As the fellowship has no cost for fellows, the capacity building program offered by the SSIG opens the opportunity for those fellows that could not afford a high quality university training.

Target beneficiary group(s)of the SSIG and the University Diploma in Internet Governance and regulations are the following:

- Youth

- Older persons
- Women
- Indigenous and nomadic peoples
- People with disabilities
- The unemployed
- The poor
- Migrants
- Refugees and internally displaced people
- Remote and rural communities

The SSIG has trained more than 7000 fellows from the following countries:

- Albania
- Argentina
- Austria
- Barbados
- Bangladesh
- Bolivia
- Brazil
- Chile
- Colombia
- Costa Rica
- Cuba
- Dominican Republic
- Ecuador
- El Salvador
- Guatemala
- Haiti
- Honduras
- Jamaica
- Mexico

- Nicaragua
- Panama
- Paraguay
- Peru
- Trinidad and Tobago
- Uruguay
- Venezuela

Highlights of the Project's Partnership Activities

This project is based on a public private partnership as every year different organizations, governments and companies contribute with funds or goods or services that allow to organize it every year since 2009 granting fellowships for 200 fellows every year, with free access to the training.

The "Diploma in Internet Governance and Regulations" is organized jointly with Universidad de Mendoza, Argentina. University offers all the e-learning platform for the pre training and its evaluation, the second hybrid stage participation and evaluation, and teachers at the university are the ones to be tutors to the research phase to obtain the diploma. The funds for all these activities are provided by governments, universities, private companies, and NGOs from all over the world.

Challenges and Project's Future Perspectives

This project has been replicated in Argentina at the national level with a similar format with fellows and free training for all the participants with the most important experts of Argentina and the region. It started in 2017 with lots of success and has been organized every year since then in several cities of Argentina, and its name is ARGENSIG. All the details can be found in its website https://argensig.org/ and in the SSIG LAC YouTube channel.

At the regional level, SSIG will continue being organized every year, one of the challenges is it to be organized in smaller cities or towns in the interior of the

countries, not only in capital cities.

This was done for the first time in the 2023 edition, as it was organized in a city at the northeast of Brazil, not being the capital city of the country or the state.

Views on WSIS Stocktaking and WSIS Prize Contest, Including its relevance to International development

WSIS Stocktaking and WSIS Prizes are the ideal platform for the recognition of innovative projects from all over the world.

The leadership made by the International Telecommunications Union in organizing every year the WSIS Forum including all these activities is of high importance for projects, especially those from developing regions.

The South School on Internet Governance and its project of the "Diploma in Internet Governance and Regulations" will be globally known and recognized after being the recepient of this prestigious WSIS 2024 Prize in the "WSIS Category 18 — AL C11. International and regional cooperation",