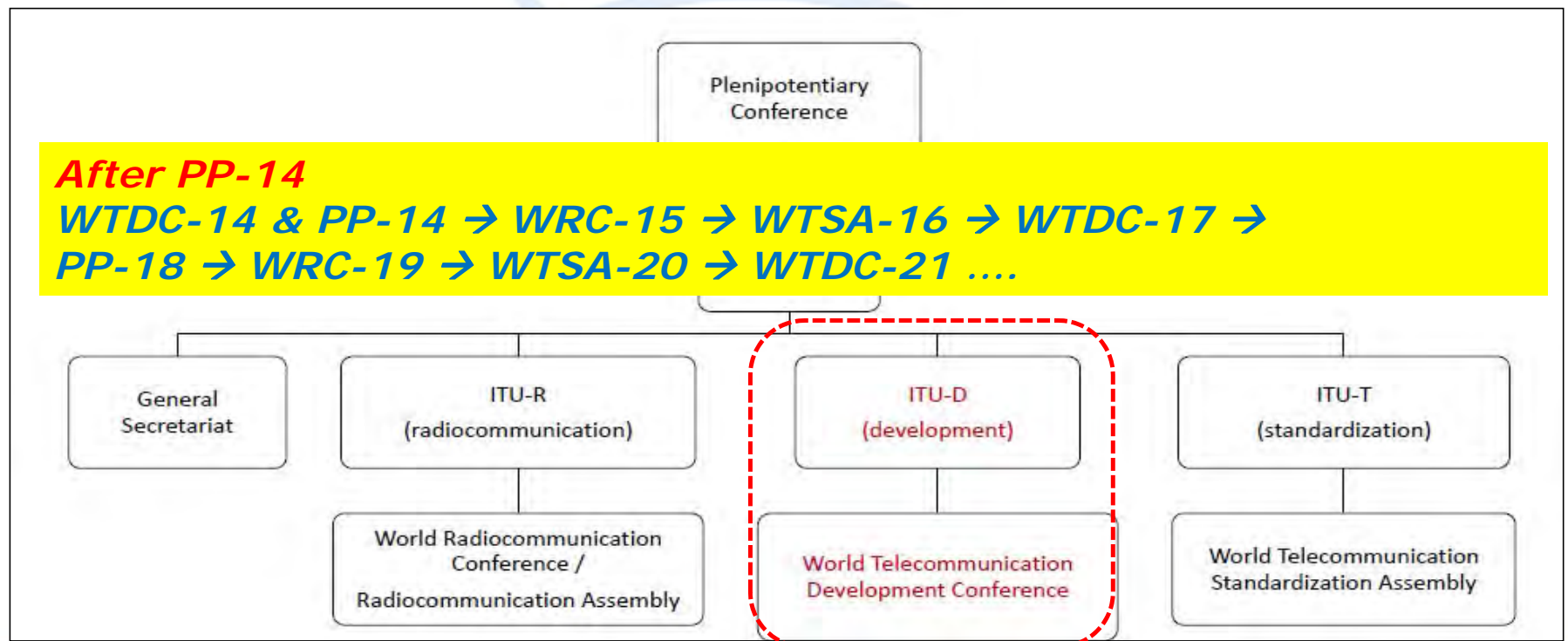# Key Results of WTDC-14 and their Importance for the Asia-Pacific, including the ITU-D Strategic Plan 2016-2019

Dr. Bohyun SEO

Vice Chair of ITU-D TDAG

21-22 Aug 2015, Bangkok

ITU WR Confs and WTDC

ITU WR Confs and WTDC

After PP-14
WTDC-14 & PP-14 → WRC-15 → WTSA-16 → WTDC-17 →
PP-18 → WRC-19 → WTSA-20 → WTDC-21 ....

Plenipotentiary Conference

General Secretariat

ITU-R (radiocommunication)

World Radiocommunication Conference / Radiocommunication Assembly

ITU-D (development)

World Telecommunication Development Conference

ITU-T (standardization)

World Telecommunication Standardization Assembly
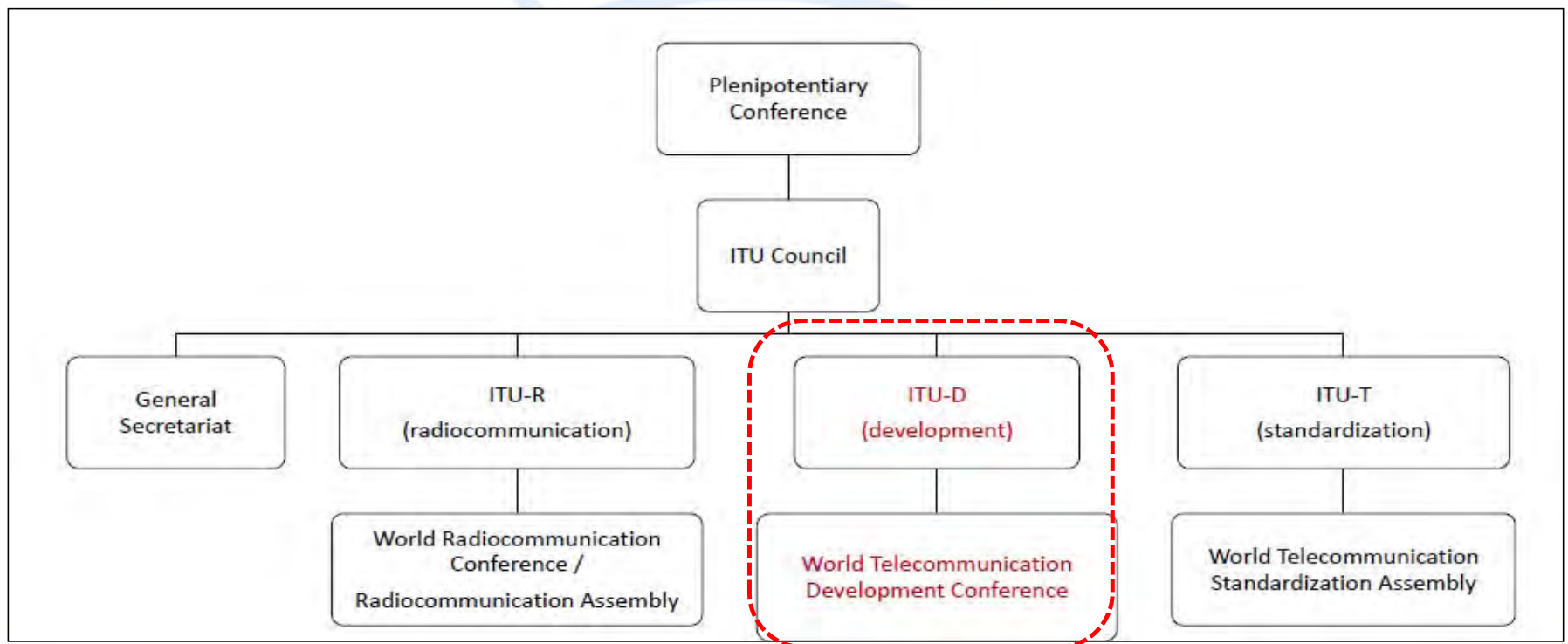
Key Results of WTDC-14

- **The 6th WTDC (WTDC-2014)**
  - **Date:** 30th March - 10th April 2014
  - **Venue:** World Trade Center, Dubai, UAE
  - **Theme: "Broadband for Sustainable Development"**
  - **Objective:** establish work programs and guidelines for defining telecommunication development questions and priorities and to provide direction and guidance for the work program of ITU-D *over the next four-year period*
  - **Participants**: Over 1,300 from 137 countries, and 82 Sector Members and other entities

Key Results of WTDC-14

■ Dubai Declaration-Highlights

- Highlighted that Universal and affordable access to telecommunications and ICTs is essential for the world's economic, social and culture development

- Committed to accelerate the expansion and use of telecommuniation/ICT infrastructure, services and applications, in particular broadband, as these are powerful tools of economic growth and innovation

- Called to all stakeholders for contributions towards the successful implementation of the Dubai Action Plan

Key Results of WTDC-14

- **Dubai Declaration (1)**
  - Promoting and making available, affordable and accessible broadband infrastructure
  - Access to affordable, reliable and secure telecommunication/ICT networks
  - Increased participation of developing countries in ITU activities to bridge the standardization gap
  - Effective and efficient spectrum management
  - Transition from analogue to digital broadcasting
  - Building widespread telecommunication/ICT literacy as well as human and institutional capacity
  - Transparent and collaborative collection and dissemination of quality indicators and statistics
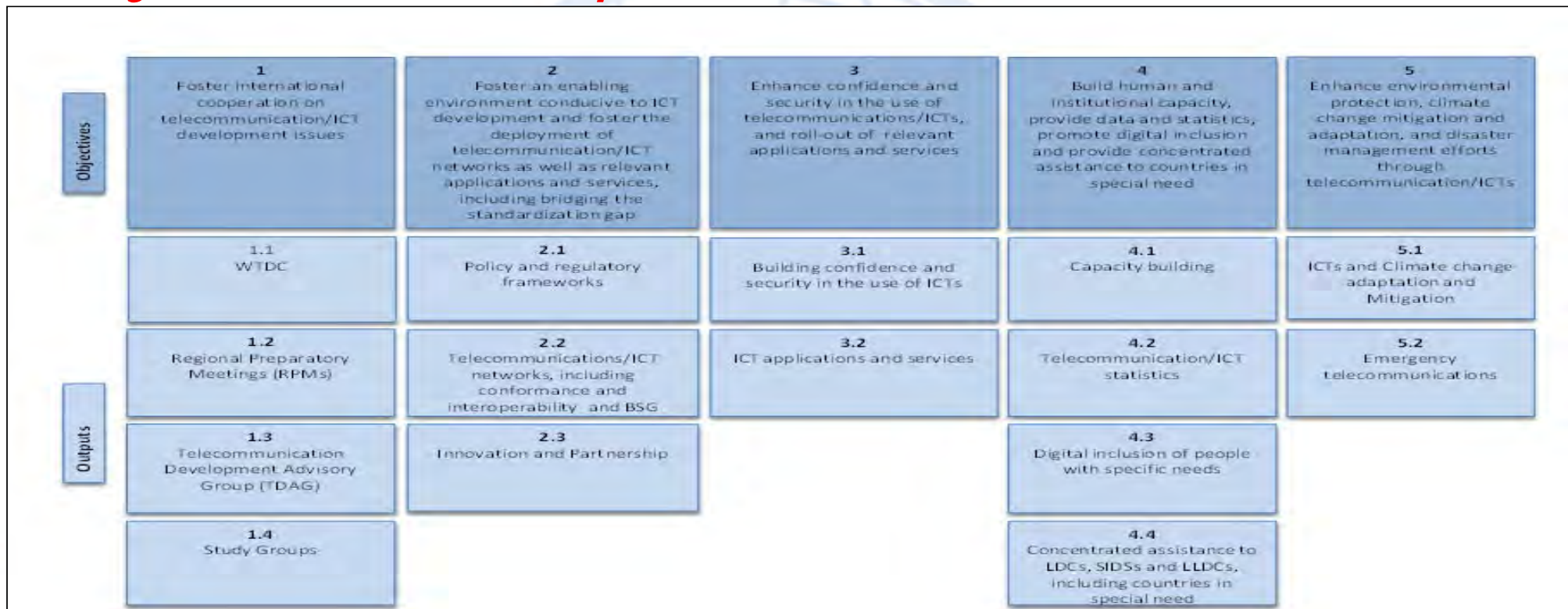
Key Results of WTDC-14

- **Dubai Declaration (2)**

- ITU-D study groups should continue to contribute towards knowledge sharing and capacity building

- Building confidence, trust and security in the use of telecommunications/ICTs

- Disaster risk reduction, prediction, preparedness, mitigation and response

- Monitoring, predicting, mitigating and adapting to the adverse effects of climate change

- Telecommunication/ICT ecosystem can bring to development should empower youth for employment or self-employment

- Assistance to the LDCs, LLDCs, SIDS and countries with economies in transition

- Strengthening of Public-Private-Partnerships (PPP)

Key Results of WTDC-14

- *ITU-D contribution to the ITU Strategic Plan 2016-2019*
  - *5 Objectives and 15 outputs*

Key Results of WTDC-14

▪ **Dubai Action Plan (DuAP)**

- The Dubai Action Plan(DuAP) is **a comprehensive package** that promotes the equitable, affordable, inclusive and sustainable development of telecommunication/ICT networks, applications and services

- ITU-D will develop products and services through its:
  1. Programs
  2. Regional initiatives
  3. Study Group Questions
  4. WSIS action line facilitation
  5. WTDC Resolutions and Recommendations

Key Results of WTDC-14

1. **Programs**

    Provide a coordination mechanism among all elements of the implementation framework

2. **Regional Initiatives**

 : Intended to address specific telecommunication/ICT priority areas, through partnership and resource mobilization

- RPM's primary mission & responsibility for the region
- 6 regions : Africa /Americas/ Arab States / **Asia-Pacific /** CIS /Europe

Key Results of WTDC-14

- **Regional Initiatives (2014-2018)**

Region	Initiatives
Asia –Pacific	1. Special consideration for least developed countries, small island developing states, including Pacific island countries, and landlocked developing countries 2. Emergency telecommunications 3. Harnessing the benefits of new technologies 4. Development of broadband access and adoption of broadband 5. Policy and regulation
Europe	1. Spectrum management and transition to digital broadcasting 2. Development of broadband access and adoption of broadband 3. Ensuring access to telecommunications/ICTs, in particular for persons with disabilities 4. Building confidence and security in the use of telecommunications/ICTs 5. Entrepreneurship, innovation and youth
CIS	1. Creating a child online protection centre for the CIS region 2. Ensuring access to telecommunication/ICT services for persons with disabilities 3. Introduction of training technologies and methods using telecommunications/ICTs for human capacity building 4. Development of broadband access and adoption of broadband 5. Building confidence and security in the use of ICTs

150 1865 2015

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- In **Asia-Pacific**, the first regional initiative addresses the unique needs of least developed countries, small island developing States, including Pacific island countries and landlocked developing countries…

- With a region so prone to natural disasters, the need to have emergency telecommunication systems in place to mitigate the impacts of cyclones, typhoons, floods, earthquakes and tsunami is one of the key initiatives for the region.

- Assistance was provided to the Philippines following Typhoon Ruby in December 2014, Vanuatu following the severe tropical Cyclone Pam in March 2015, the Federated States of Micronesia following Typhoon Maysak in April 2015 and to Nepal, with the earthquake that hit the country on 25 April 2015 *{TDAG 15/32}*

Key Results of WTDC-14

3. Study Groups

- ITU-D SGs provide an opportunity to share experiences, present ideas, exchange views and achieve consensus on appropriate strategies to address ICT priorities
- ITU-D SGs are responsible for developing reports, guidelines and recommendations
- Information is gathered through surveys, contributions and case studies, which is available for easy access using content-management and web-publication tools
- **Study Group 1**: Enabling environment for the development of telecommunications/ICTs
- **Study Group 2**: ICT applications, cyber security, emergency telecommunications and climate-change adaptation

Key Results of WTDC-14

▪ 3. Study Groups – SG1 Questions

Question	Scope
Q1/1	Policy, regulatory and technical aspects of the migration from existing networks to broadband networks in developing countries, including next-generation networks, m-services, OTT services and the implementation of IPv6
Q2/1	Broadband access technologies, including IMT, for developing countries
Q3/1	Access to cloud computing: challenges and opportunities for developing countries
Q4/1	Economic policies and methods of determining the costs of services related to national telecommunication/ ICT networks, including next-generation networks
Q5/1	Telecommunications/ICTs for rural and remote areas
Q6/1	Consumer information, protection and rights: laws, regulation, economic bases, consumer networks
Q7/1	Access to telecommunication/ICT services by persons with disabilities and with special needs
Q8/1	Examination of strategies and methods of migration from analogue to digital terrestrial broadcasting and implementation of new services in the digital dividend bands
RES.9	Participation of countries, particularly developing countries, in spectrum management

Key Results of WTDC-14

■ 3. Study Groups – SG1 Questions

Question	Scope
Q1/1	**Policy, regulatory and technical aspects of the migration from existing networks to broadband networks** in developing countries, including next-generation networks, m-services, OTT services and the implementation of IPv6
Q2/1	Broadband access technologies, including IMT, for developing countries
Q3/1	Access to **cloud computing**: challenges and opportunities for developing countries
Q4/1	Economic policies and methods of determining the costs of services related to national telecommunication/ ICT networks, including next-generation networks
Q5/1	Telecommunications/ICTs for rural and remote areas
Q6/1	Consumer information, protection and rights: laws, regulation, economic bases, consumer networks
Q7/1	Access to telecommunication/ICT services by persons with disabilities and with special needs
Q8/1	Examination of strategies and methods of migration from analogue to digital terrestrial broadcasting and implementation of new services in the digital dividend bands
RES.9	Participation of countries, particularly developing countries, in **spectrum management**

Key Results of WTDC-14

■ 3. Study Groups – SG2 Questions

Question	Scope
Q1/2	Creating the smart society: Social and economic development through ICT applications
Q2/2	Information and telecommunications/ICTs for e-health
Q3/2	Securing information and communication networks: Best practices for developing a culture of cybersecurity
Q4/2	Assistance to developing countries for implementing conformance and interoperability programmes
Q5/2	Utilization of telecommunications/ICTs for disaster preparedness, mitigation and response
Q6/2	ICT and climate change
Q7/2	Strategies and policies concerning human exposure to electromagnetic fields
Q8/2	Strategies and policies for the proper disposal or reuse of telecommunication/ICT waste material
Q9/2	Identification of study topics in the ITU-T and ITU-R study groups which are of particular interest to developing countries

Key Results of WTDC-14

■ 3. Study Groups – SG2 Questions

Question	Scope
Q1/2	Creating the **smart society**: Social and economic development through ICT applications
Q2/2	Information and telecommunications/ICTs for e-health
Q3/2	Securing information and communication networks: Best practices for developing a culture of cybersecurity
Q4/2	Assistance to developing countries for implementing **conformance and interoperability** programes
Q5/2	Utilization of telecommunications/ICTs for disaster preparedness, mitigation and response
Q6/2	ICT and climate change
Q7/2	Strategies and policies concerning human exposure to electromagnetic fields
Q8/2	Strategies and policies for the proper disposal or reuse of telecommunication/ICT waste material
Q9/2	Identification of study topics in the ITU-T and ITU-R study groups which are of particular interest to developing countries

WTDC-14 Implications for the Asia-Pacific

- **Summary:**
- Dubai Declaration
- ITU-D Contribution to the Draft ITU Strategic Plan
    - Dubai Action Plan
    - **5** Objectives and **15** related Outputs
    - Regional Initiatives
    - WTDC Resolutions and Recommendations
    - Study Group Questions

- **Implications:**

    - Dubai Declaration shows our commitment to **accelerate** the expansion of and **use of ICT**, in particular in **broadband**, to achieve **economic growth**
    - Dubai Action Plan will give us **direction**, a **shared vision** and a **clear plan of action**

Considering Points for WTDC-17

- Identification of linkages to **PP-14 Results including Connect 2020, Post MDG, Beyond WSIS+10 and ITU-D Strategic Plan 2020-2023** and etc.

- find out the efficient and effective cooperative ways among the Asia-Pacific to achieve the goals : *PPP, Innovation, Academia …*

Strategic Goals & Targets
(2016-2019)

- Goal 1 **Growth** : Enable and foster access to and increase use of telecommunications/ICTs
- Goal 2 **Inclusiveness** : Bridge the digital divide and provide broadband for all
- Goal 3 **Sustainability** : manage challenges resulting from telecommunication/ICT development
- Goal 4 **Innovation n Partnership** : Lead, improve and adapt to the changing telecommunication/ICT environment

Connect 2020: Goals & Targets

Connect 2020 Agenda & ITU-D

Connect 2020	
Goal 1 Growth Enable and foster access to and increased use of telecommunication/ICT	–Target 1.1: Worldwide, 55% of households should have access to the Internet by 2020 –Target 1.2: Worldwide, 60% of individuals should be using the Internet by 2020 –Target 1.3: Worldwide, telecommunication/ICT should be 40% more affordable by 2020
Goal 2 Inclusiveness Bridge the digital divide and provide broadband for all	–Target 2.1.A: In the developing world, 50% of households should have access to the Internet by 2020 –Target 2.1.B: In the LDCs, 15% of households should have access to the Internet by 2020 –Target 2.2.A: In the developing world, 50% of individuals should be using the Internet by 2020 –Target 2.2.B: In the LDCs, 20% of individuals should be using the Internet by 2020 –Target 2.3.A: Affordability gap between developed and developing countries should be reduced by 40% by 2020 –Target 2.3.B: Broadband services should cost no more than 5% of average monthly income in developing countries by 2020 –Target 2.4: Worldwide, 90% of the rural population should be covered by broadband services by 2020 –Target 2.5.A: Gender equality among Internet users should be reached by 2020 –Target 2.5.B: Enabling environments ensuring accessible telecommunication/ICT for persons with disabilities should be established in all countries by 2020
Goal 3 Sustainability Manage challenges resulting from telecommunication/ICT development	–Target 3.1: Cybersecurity readiness should be improved by 40% by 2020 –Target 3.2: Volume of redundant e-waste to be reduced by 50% by 2020 –Target 3.3: Green House Gas emissions generated by the telecommunication/ICT sector to be decreased per device by 30% by 2020
Goal4 Innovation and Partnership Lead, improve and adapt to the changing telecommunication/ICT environment	Target 4.1: Telecommunication/ICT environment conducive to innovation Target 4.2: Effective partnerships of stakeholders in telecommunication/ICT environment

Future Strategic Plan

- **Draft ITU-D contribution to the ITU Strategic Plan for 2020-2023**
  - Six Objectives to **Five** Objectives(2016-2019) → Five to **Four Objectives** (2020-2023)
  - **More results-focused** than the current 2016-2019 Strategic Plan in keeping with a results-based management approach
  - Aims to **simplify the language** of the current Strategic Plan, including eliminating any duplications

CG-SP for 2020-2023

- The Correspondence Group has started to prepare the ITU-D strategic plan for 2020-2023. The draft proposal, as contained in Document 28, identifies **four objectives** for ITU-D, while retaining all the content of the 2016-2019 ITU-D Strategic Plan. This document includes references to the existing Strategic Plan, which is also provided in an annex to facilitate comparison with the draft proposal.

- TDAG found the draft 2020-2023 ITU-D strategic plan **results-focused, streamlined and simple**, and noted that it has been developed in line with the results-based management approach. {TDAG 15/32}

WSIS

- ITU is the sole moderator/facilitator for WSIS Action Lines C2 on information and communication infrastructure, C5 on building confidence and security in the use of ICTs and C6 on enabling environment.

- TDAG proposed that the road maps under ITU-D responsibilities should be updated taking into account the outcomes of the WSIS+10 High-Level Event, the Sustainable Development Goals Summit and High-Level Meeting (HLM) implementation of WSIS outcomes at the 70th SS of the UNGA in 2015. {TDAG 15/32}

WSIS n SDGs

- DSG Mr Johnson stressed the importance of the post-2015 Development Agenda Summit that will take place in September to establish the Sustainable Development Goals (SDGs) to succeed the Millennium Development Goals (MDGs). "Mainstreaming the role of ICTs in those SDGs is something that we need to ensure, since today we cannot have any meaningful development without the use of ICTs."

- He underlined the need to map the WSIS action lines with the SDGs and targets. {TDAG 2015}

RDF

- Regional Development Forums (RDFs) provide an opportunity for high-level dialogue between the Telecommunication Development Bureau and decision-makers of ITU Member States and Sector Members. They serve as a platform for assessing strategic orientations that may have an impact on BDT's regional work plan....

- TDAG advised that RDFs should take place in the first quarter of the year so that the results are available to TDAG meetings. In this way, during the discussion in the implementation of regional initiatives, there would be an occasion to make changes or review the goals as a large proportion of these initiatives are common to all regions....

- TDAG further supported the holding of RDFs on an annual basis. {TDAG 2015}

ITU : I Thank U