

Country Profile

3 group of islands:

- Girlbert islands, - Phoenix islands- Line islands

Population: 120,000. Census 2020

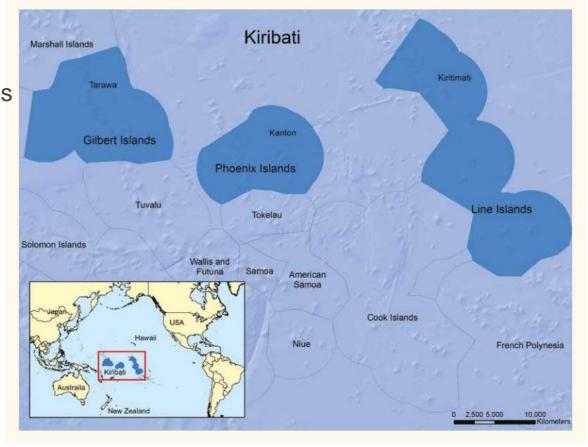
Land Mass: 811 square kilometres

dispersed over 3.5 million km2 (1.4

million sq mi) of ocean

Language: Gilbertese

Group of people: Micronesian



	1	Establishment of DTO
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Digital Transformation Initiatives	2	Improvement in connectivity
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_	7	Future commitments

Establishment of Digital Transformation office (DTO- 2022)

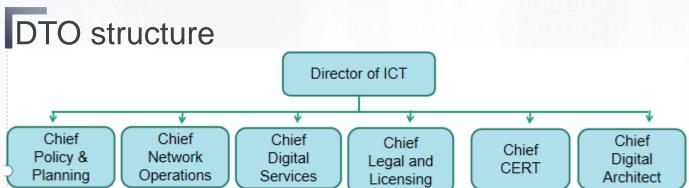
Digital Government Master plan 2021

- National ICT strategy
- Digital Government coordination structure
- Base registers
- > Interoperabitlity framework
- Digital Identity
- > assisted by the Government of Estonia .(eGA)

Key priority Areas: moving to Digital Government -underpin the formality of the establishment of DTO towards the legalities of Digital Transformation in the country:

-Communications Act 2017, Cyber security 2020, Cyber crime Act 2021, eTransaction law 2021, Digital Government Act 2023

Next is **data protection and privacy**, and related laws involve in the Digital transformation process.



Roles and Responsibilities

- 1.To centralize ICT and manage all Government ICT technical and human resources
- 2. Coordinate and manage Digital Government activities
- 3. Coordinate actions of other ministries and fulfill its responsibilities of increasing coordination, quality, timeliness, and relevance of activities.
- 4. To ensure appropriate government interface and coordination between the project and other relevant Ministries exist so that issues or concerns affecting project implementation can be addressed.

Improve Connectivity

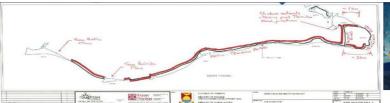
- i) Mobile roll out project (outer islands) 2 more islands PPP approach which has 3 phases. (WB, GoK)
- ii) Wifi Project: UNIVERSAL ACCESS FUND CCK
- iii) ITU VSAT Project 5 VSAT sets to schools

iv)Submarine cable (urban area)

- Southern cross next to Kiritimati (ADB)
- EMC to Tarawa(US, Japan, AUSaid)

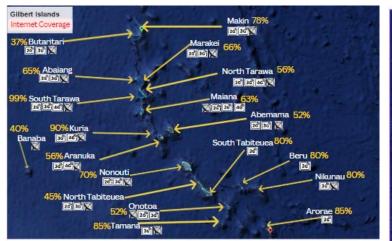
v) Fibre to the Home (FTTH project)

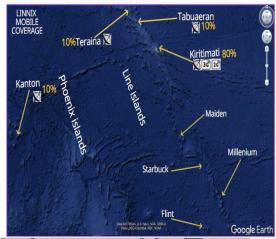
Terrestrial cable in South Tarawa - capital city





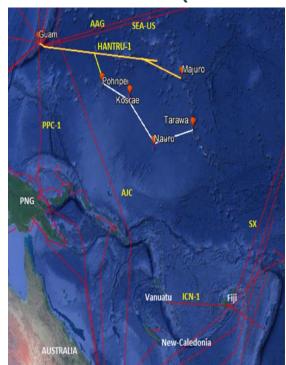
Mobile roll out





Under sea cable (Kiritimati Is) Under sea cable (Tarawa Is





Wifi Project

- -funded by Local Telecom Regulator, Communication Commission of Kiribati (CCK)
- -UAF to finance the project, approval from UAF Advisory Committee
- -Deploy wifi network and computer lab facilities to schools and communities free1 year bandwidth

• UAP: 2019 - 2022

Destination	Project Details
Kuria, Banaba island council	1 VSAT, and Wifi with Billing system
Abaiang SJC Private school	1 VSAT , Ncomputing (20 computers with 1 host) Wifi and Billing system
Abemama CCL Manoku Private	1 VSAT and Wifi with Billing system
Kiritimati: Saint Francis College, and Teitoinimaiku High School (all church schools)	1VSat- Wifi with Billing system and Ncomputing -20computers +1 host for each school
South Tarawa- Saint Patrick college	1 VSAT, Wifi and Billing system and Ncomputing 20 computers with 1 host.
Butaritari: Saint Leo College	1VSAT, Wifi and Billing system, and NComputing 20 computers with 1 host.

• UAP: 2022 - 2024

Destination	Details
Aranuka, TabNorth, Kanton	Wifi network with billing system

Digital Transformation Strategy development

- Assisted by ITU
- > Support the Kiribati 20 year vision, SDGs and Digital Government master plan
- Expected outcome strategy based on key stakeholders consultation and study assesment made by ITU in collaboration with UNOPs

Pillar	Expected outcome
Wealth	 Digitally Enhanced Economic Digital Empowerment and Education for All Prosperity Digital Preservation and Promotion of Cultural Heritage
Peace and Security	4. Enhanced Digital Security and Public Safety
Infrastructure for development	5. Robust Digital Infrastructure and Connectivity
Governance	6. Transparent and Efficient Digital Governance
Cross cutting	7. Climate Resilient Digital Transformation

Cyber security

- Strengthening Cyber Security for a Safer and Secure Kiribati
- Cyber threats in an increasingly connected Kiribati

Cyber Security Strategy 2020	Short term goals	Medium term goal (2020- 2021)	Long term goals
 Guiding Principles: Safe and secure environment for all citizens. Protection of fundemantal rights. Balanced approach in line with international and regional best practices. 	 Gap analysis to existing legislations on cybersecurity and cybercrime. Child Online Protection Working Group (COPWG) to be established. Kiribati Cybersecurity Working Group (KCSWG) to be established. Situational Analysis for capacity building in cyber security & capacity building. 	 Creation of CERTKiribati. Development of National Cybersecurity Guidelines. Development of National Incident Reporting, handling and referral guideline. Comprehensive cybercrime legislation established. Established National Contingency Plan. International cooperation on cyber security (cyber crime). Critical Infrastructure protection Plan. Cyber Security Capacity building. 	 Long term goals (2020-2023) Development of Outer Island Strategy on Cyber Security. Cyber Security Introduction to education curriculum.

Smart island project - remote island

Regional project funded by ITU

Implementing entity, Ministry of ICT – Digital Transformation Office



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Girls in ICT to support digital inclusion

- Coordinated by Government women ICT officers and supported by the Ministry of Information, Communication and Transport (MICT)
- Girls in ICT working group established in 2021 led by the Digital Transformation Officer, MICT

Participate in the 10th international celebration of Girls in ICT day for ICT basics.

Sender mainstreaming program to embrace Girls towards Girls in ICT day celebrations and to bring young women

in the ICT sector

Activities undertaken

Date

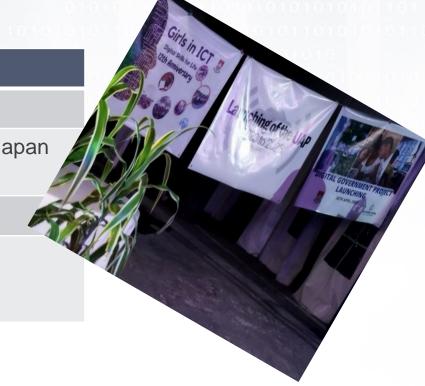
2021

	one week prep activities made before main event takes place: visiting schools to promote ICT and its importance, career talk and cyber security awareness; Public awareness online and using media medium: public radio broadcasting, tv and social media, Quiz competition on ICT basic skills Hands-on program with prizes Promotional give away to public at the open market in Bairiki Square.
2022	Celebrate the 11th Girls in ICT Day during covid; Awareness program on the child protection online and ICT basic skills and importance using media medium: TV, Radio broadcasting and social media
2023	Launching of Girls in ICT day 2023 at the Parliament foyer for Parliamentarian support for future commitments., School visit program for cyber security awareness, promotionals on the digital skils for life and caree talk to invite more gilrs in the ICT field. Paricipate in the ICT symposium 2023 funded by APT held in one of the outer islands where only young women and women are guest speakers to all topics of the sessions.



Future commitments

Projects	Funding
Digital Government Project (5yrs)	USD\$12M by World Band
East Micronesian Cable Project (operate in 2026)	USD\$85M by Government of SA, Japa and Australia
Connectivity Project (4yrs)	USD\$14M by World Bank
Mobile roll out Projecct for outer islands (Phase 3 for network upgradings - to leverage quality and speed)	USD\$11.3M to secure funding



- Digital literacy program (digital skills for the citizens)
- Capacity building for Digital developers digital services.

Challenges

- Capacity building on Policy and Regulatory to adapt to new trend of technologies
- Connecting Schools and eLearning skills capacity building to teachers and children
- ICT Gender gap and skills gap analysis/assessment
- Improvevment to Data collection and reporting to IDI and sustainability of power to connect digital devices

Thanks