Data Privacy for AI-enabled Community Connectivity

CTU ICT Week
30 September 2024

WELCHMAN KEEN

Welchman Keen Strategic Advisory

Digital Transformation and E-Government

Market Access and Regulatory Affairs

Cyber Risk and Policy

› We help countries build comprehensive Connectivity strategies and policies through advisory, capacity building and project management for telecommunication and cybersecurity policy, regulation compliance and implementation

› According to WK's ASSESS Framework, connectivity projects should be:
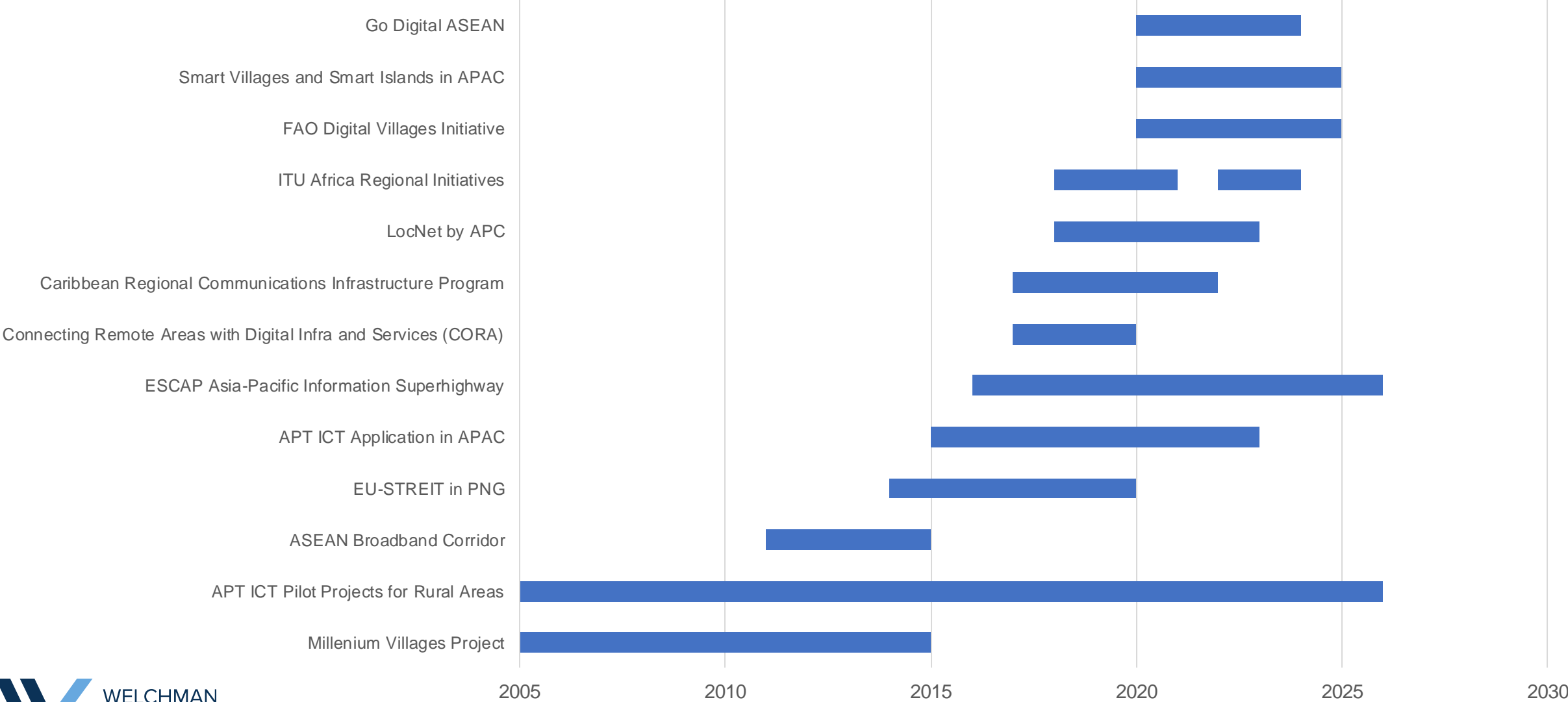
› Accessible   › Ethical

› Sustainable   › Safe

› Suitable   › Secure

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Remote Connectivity Initiatives Worldwide

Sustainability
Cost-offsetting and public-private partnership models, stakeholder management

Economic Micro Hub Administration
Capacity-building trainings, partner engagements, maintenance

Physical Infrastructure
Power and communications, physical security system, hardware, furnishing and supplies for specific local needs

EMH Administration

Physical Infrastructure

Sustainability Model

Connectivity

E-Payments

Software

W K OGCIO

Consultancy Services by Welchman Keen
Business development, needs assessment, coordination, project management, monitoring and evaluation

E-Payments
Setting-up process, and partner engagements

Software
E-portal, access management, network access software, device management

Connectivity
Engaging operators, fulfilling regulatory compliances and permits, maintenance
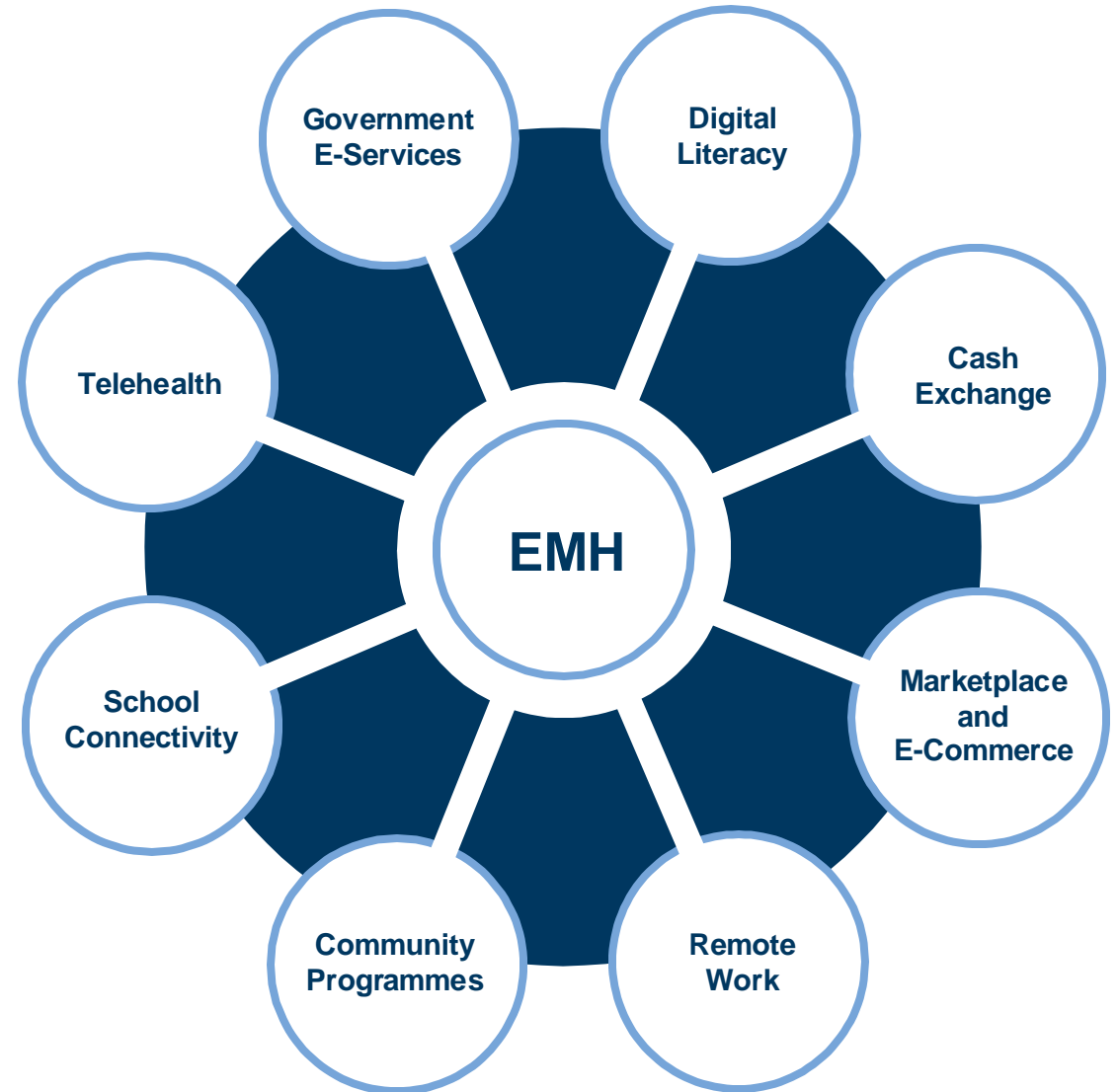
EMH Concept

A sustainable multi-functional hub that connects the unconnected to maximise socio-economic development while preserving cultural and environmental values.

Key Features

WK provides the modeling and framework for public/private partnerships to work effectively and reduce operational friction by letting each partner do what they do best and not asking them to overextend or change their natural approach

Government E-Services · Digital Literacy · Cash Exchange · Marketplace and E-Commerce · Remote Work · Community Programmes · School Connectivity · Telehealth · EMH

EMH Sustainability and Scalability

Innovation for Cost-offsetting Model

❯ Operator agreements – Lease in exchange for connectivity
❯ Lease to Ministry of Education, Health, National IDs etc
❯ Training programs
❯ Transaction fees for cashless payments
❯ Workers credit system
❯ Community credit system (i.e. gaming credits for completing schooling modules)
❯ Rental Fees for group and community events
❯ Private sector sponsorships
❯ Captive portal
❯ Advertising fees go to fund

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Impact

Opportunities

› Remote Work with AI-assisted communication, language translation, remote work

› AI and Biometric tools for National ID systems

Challenges

› Sustainability – Environmental costs and impact

› Advancement vs Accessibility

› Bandwidth – tech created for bigger bandwidth

› Culture and agenda of creators vs users

Data Protection Issues

› Cybersecurity for national Sovereignty

› Exploitation (big data), Control (big brother)

› Individual privacy

› Balance between access and freedoms vs censorship and safety

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EMH Portal

Welcome Back

Arslan Zubair

- Dashboard
- Inbox
- Booking
- Services
- Digital Literacy Courses

Inbox
Read important messages about your requests

Profile
Manage your personal details and preferences

Booking
Create and manage your bookings

Services

E-Government
IDs, permits and benefits

Education
Resources for global e-learning

Health
Medical services

Marketplace
Grow your business online

Digital Literacy Courses

(Click here for more courses)

Digital Tools and Devices: Introduction

How to Use E-Gov

Stay Safe Online

May 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29	30	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	1
2	3	4	5	6	7	8

Thank You!