

VALIDATION WORKSHOP

DIGITAL SECTOR ROADMAP FOR PAKISTAN 2025 - 2035

Digital Citizen & Digital Society

Jordanka Tomkova, PhD
Islamabad, 31 January 2025

Why a Digital Roadmap?

EXCITING, OPPORTUNE & LIMINAL TIMES !!!

... **Key intentions & GoP`s strong policy vision** for digital as an enabler & economic driver

- *Digital Pakistan Nation Act 2025, CH5 National Digital Masterplan*
- *National Economic Transformation Plan 2024-2029*

... **BUT how to turn digital transformation policies into reality for all Pakistan**

irrespective of anyone`s gender, location, age, socio-economic status, physical abilities

**No
Longer**



**Not
Yet**

Why a Digital Roadmap?

- **Implementation & coherence** ... *Achille`s Heel of the digital sector*
- **Long-term joint vision & commitment needed**
- **Role sharing** ... *ALL HANDS ON DECK*
- **If harnessed well** ... high socio-economic value adding

ROADMAP SKETCH 1.0

1. DIGITAL INFRASTRUCTURE

Seamless digital connectivity for all – 1 GBPS for Fixed line and 100 MBPS for Mobile

- 1.1 Lowering barriers for connectivity
- 1.2 High quality connectivity & fiberization to premises
- 1.3. Future proofing supply for digi econ and digi gov
- 1.4. Rural connectivity
- 1.5 Integration of Climate Resilience

PTA, TELCOs, MOITT, USF

2. DIGITAL GOVERNMENT

Citizen friendly 1 click, zero paper and 10 secs government service experience

- 2.1 Structural Readiness Enhancement
- 2.2 Digital Public Servants & Leaders Enhancement Program
- 2.3 Government Organizations Digital Enhancement Program
- 2.4 Core DPI & connectivity enhancement: national Provincial
- 2.5 Platformization & reuse of digital assets for efficiency

MOITT, PDSP, Line Ministries, Provincial TBs,

3. DIGITAL ECONOMY

Thriving ecosystem that leverages digital platforms, data, and connectivity to stimulate exponential economic growth, job creation & FDI.

- 3.1 Tech policies for econ. growth
- 3.2. Digitizing Business transactions
- 3.2 Digitizing Investment & Capital
- 3.3 Agriculture Automation
- 3.4 Growing Future Industries
- 3.5. Tech Economy Diplomacy

Responsible entity(ies)

4. DIGITAL CITIZEN

All Pakistan's citizens enjoy equal opportunities to access, safely use and socio-economically benefit from digital transformation.

- 4.1 Whole of Society Digi Competency
- 4.2 Stratified Provincial Digital Inclusion Frameworks, Programs, financing
- 4.3 Expanding Digital Rights, Integrity & Participation
- 4.4. Targeted Social Innovation

MOITT, PTA, HEC, MinEDU

- In 2035 Pakistan among top 50 on EGDI, E-participation
- 90 % pop'n has basic digital competence
- 90 % pop'n uses digital gov services
- # of scaled home grown social innovation solutions

WHAT

HOW

WHO

IMPACT

AIM TODAY ... are we on the right track?

VALIDATE

- Digital Roadmap 1.0 & implementation safeguards
- Vision for Pakistan`s Digital Society 2035
- 4 Focal Areas/ 19 Proposed projects
- **Co-design with YOU the HOW-->** Catalytic/ Transformative/ New Projects

2025



2035

AGENDA

9:00

Welcome & why a Roadmap? Objectives...

9:05

ADB`s Diagnostics: Key punchlines

9:30

Interactive Visioning & Projects Validation Part 1

12:00



13:00

.... **Continued Flagship Projects Validation**

14:00

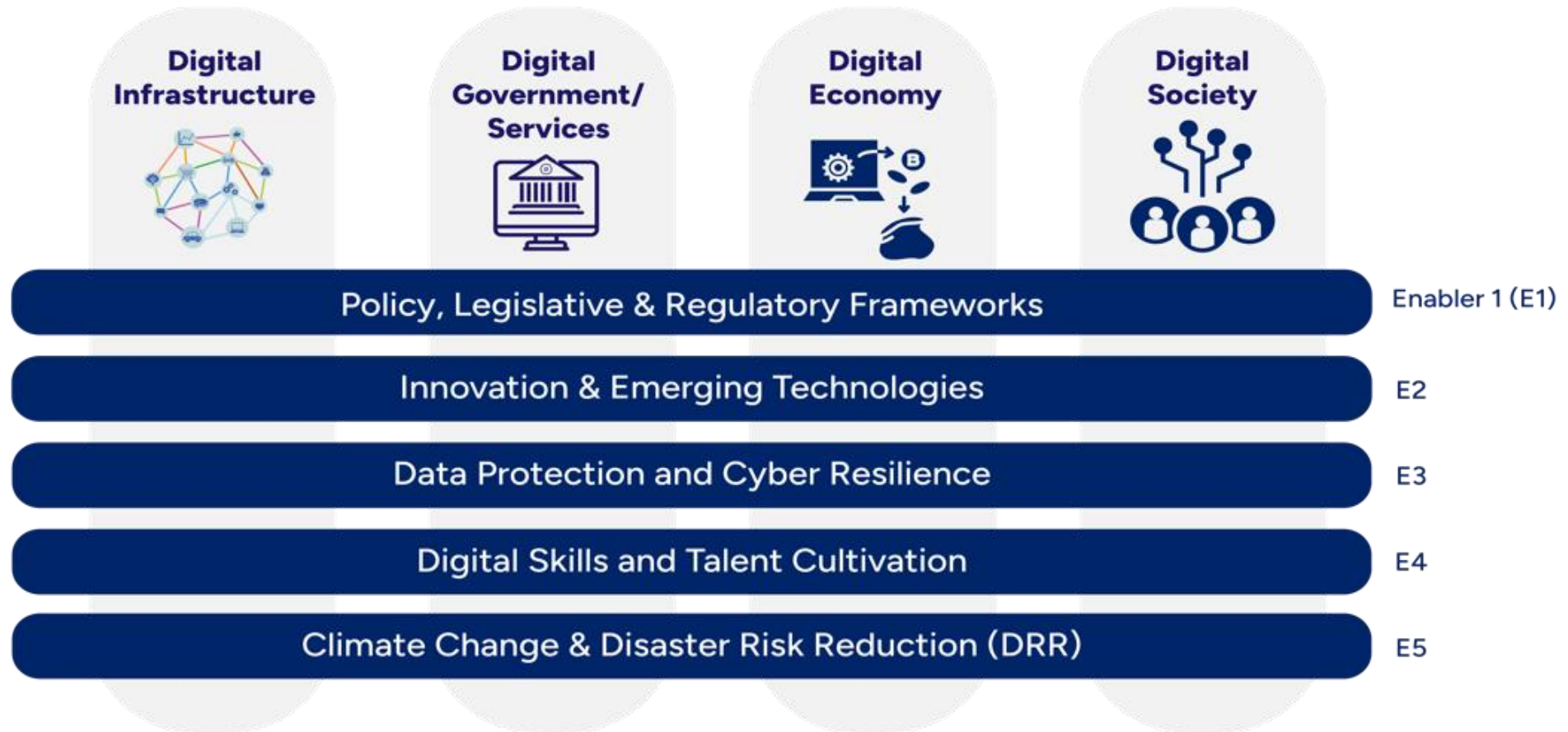
Governance, MEL & Implementation Safeguards

Group WORK

15:00

Next Steps

ADB Diagnostics: A Holistic Approach



Digital Society



Digital rights & freedoms

Digital Inclusion

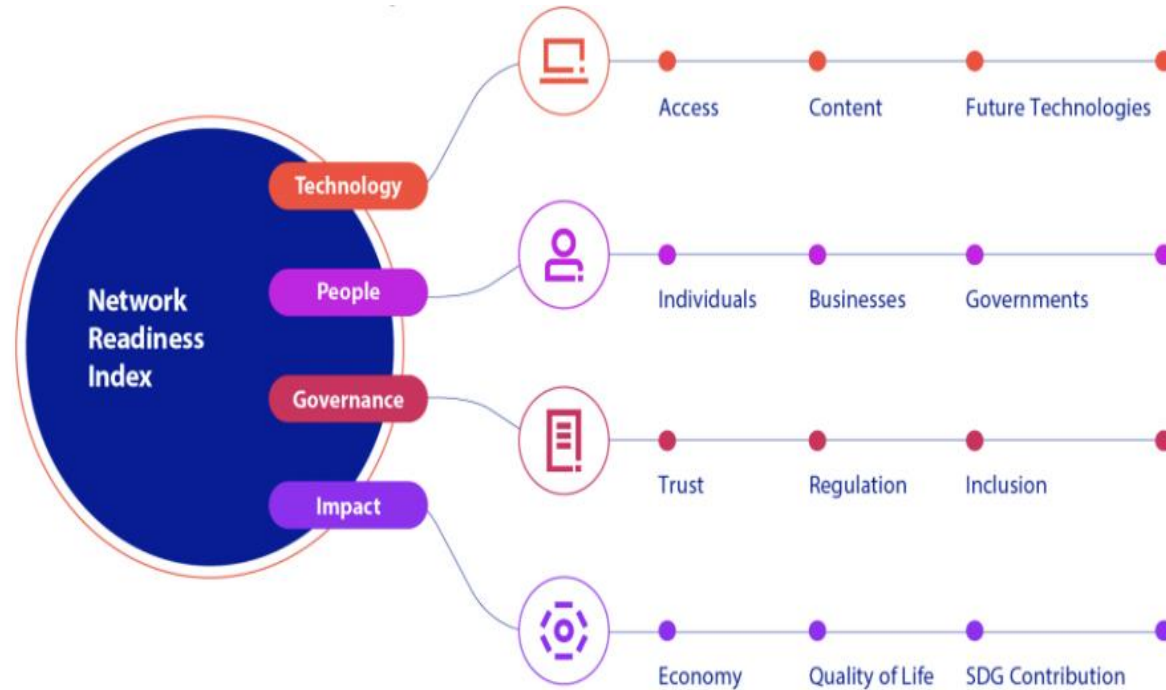
Civic engagement

Connectivity, access, affordability, ability to meaningfully, safely & ethically use digital tools & spaces by leaving no one behind.

Network Readiness Index 2023



PORTULANS
INSTITUTE




Sub-pillar	Rank	Sub-pillar	Rank
Future Technologies	40	Individuals	103
Economy	41	Governments	104
Content	47	Trust	105
Businesses	54	Regulation	110
Access	68	SDG Contribution	117
Quality of Life	98	Inclusion	122


High: in innovation & digital economy

Low: in Regulation, SDG impact & Inclusion


ADB SITUATIONAL ANALYSIS



PORTULANS
INSTITUTE



Network Readiness Index 2024



Strongest indicators		Rank	Weakest indicators		Rank
1.2.4 AI scientific publications		1	2.2.2 Number of venture capital deals invested in AI		76
2.1.1 Mobile broadband internet traffic within the country		16	2.1.4 Adult literacy rate		97
1.2.3 Mobile apps development		17	3.3.4 Gender gap in Internet use		105
1.1.5 International Internet bandwidth		19	3.1.3 Online access to financial account		114
4.2.3 Income inequality		20	4.2.2 Freedom to make life choices		117
1.1.3 FTTH/building Internet subscriptions		22	3.2.4 E-commerce legislation		119
4.1.4 ICT services exports		22	1.1.4 Population covered by at least a 3G mobile network		123
4.1.2 Domestic market scale		23	3.3.5 Rural gap in use of digital payments		123
1.3.4 Computer software spending		24	4.3.3 SDG 5: Women's economic opportunity		124
2.2.3 Annual investment in telecommunication services		35	3.1.4 Internet shopping		127

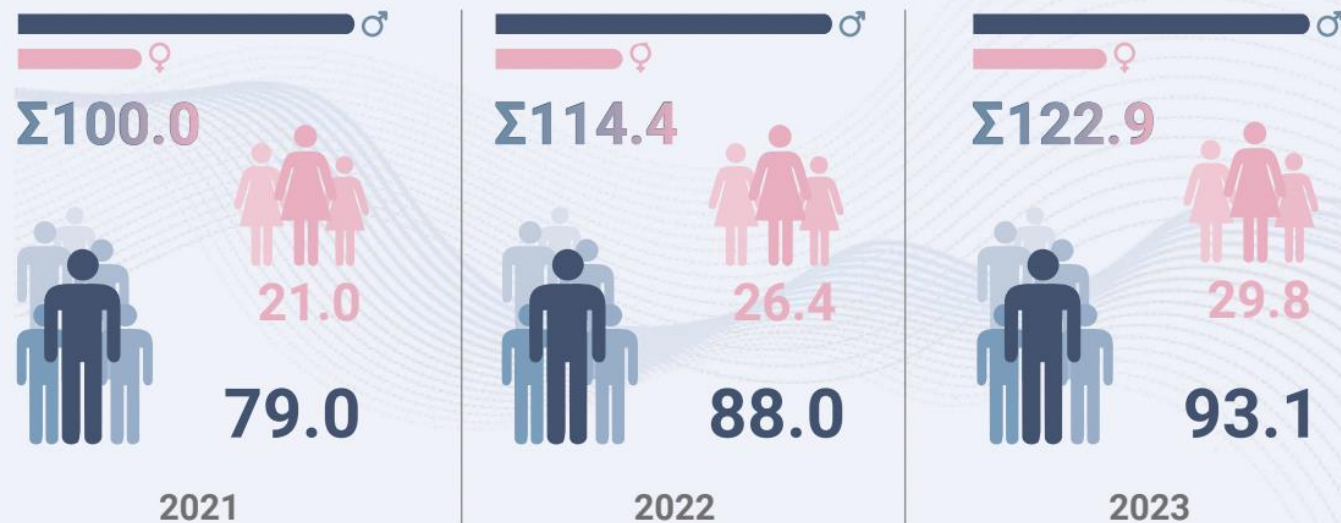
6/10 'Weakest'
Linked to digital
society

USAGE by women rising but too low

Mobile Broadband Subscribers (By Gender)

As of June (In Millions)

■ Male ■ Female ■ Total

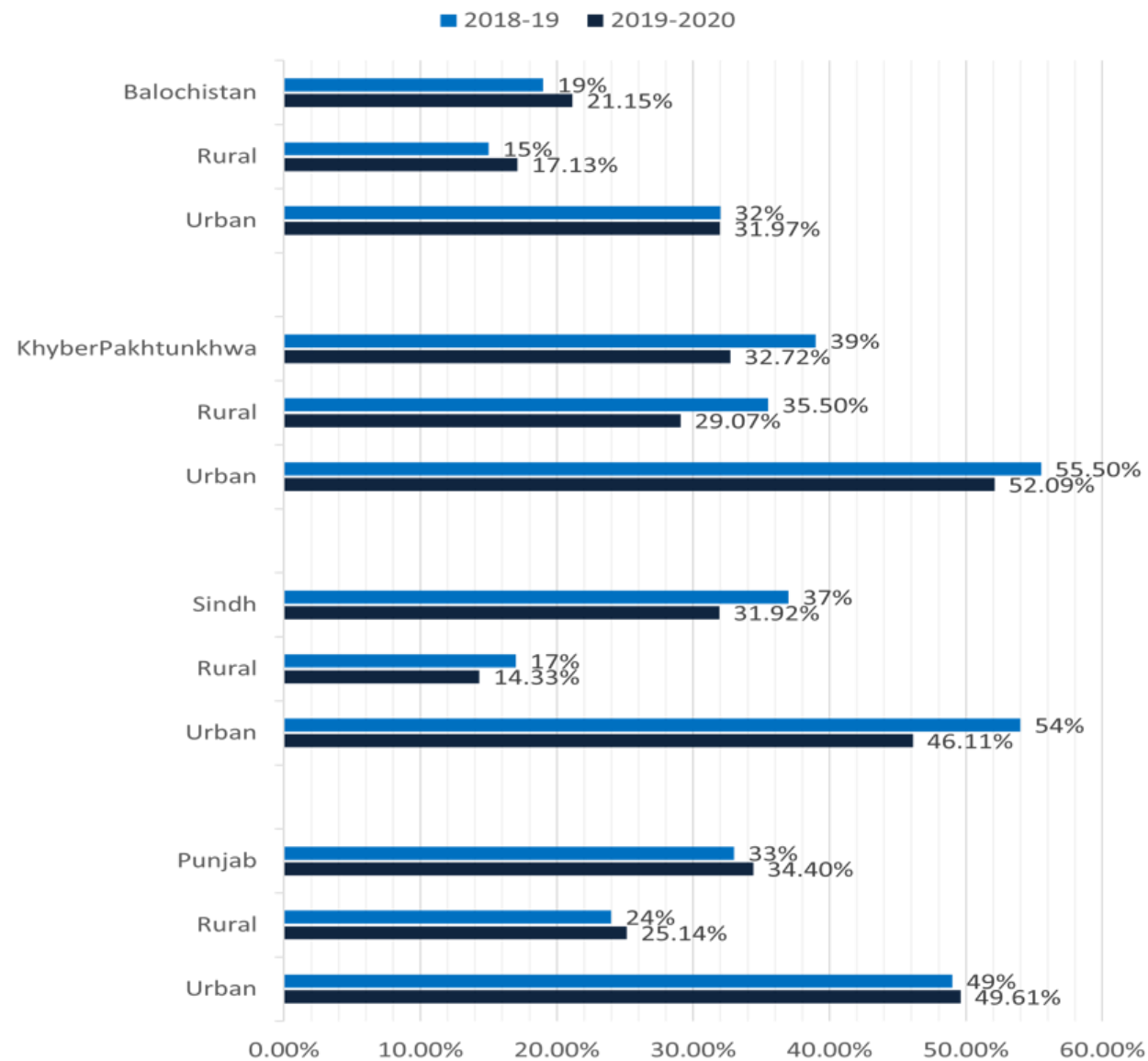


Note: The data is exclusive of SCO figures.

ACCESS

Urban - Rural Divide

Percentage of Household with Internet



Digital Society: Findings

Digital Divide Barriers: Connectivity, Access, Social Norms, Digital Literacy, Lack of local content.

Digital Safety & Trust: Low public awareness on data protection and general digital rights.

Civic Tech Usage, social innovation, content creation growing but nascent.

Internet Shutdowns cause significant financial and economic negative impacts.

Educational Gaps but a Mixed Bag: Market responsive digital skills disconnects.

SYSTEMIC

... relative LOW IMPACT

'Everybody is doing it'

DIGISKILLS.PK, PMYP, Jazz,
Karandaaz/ UNDP, BISP, NRSP
etc.

MANY PROJECTS but scale?

A priority? For whom?

Macro overview lacking

No Coherent Framework,
Institutional `Home` & benchmarks

Fragmented Ecosystem

Digital multipliers neglect

USAGE



MANY STUDIES & growing understanding

↑ **social innovation piloting**

Diverse digital barriers affordability, socio-cultural, digital skills, rural connectivity

Limited civic tech usage

Internet shutdowns

Digital rights awareness low

Sub-optimal usage & content

Blind spots: CSOs, Academia

10+ DIAGNOSTIC RECOMMENDATIONS



**Improved Data
Collection and
Analytics**



**Basic Digital &
Financial Literacy**



**Digital Competency
Promotion**



**Provincial Social
Innovation Funds**



**Upskilling &
Empowerment
Programs**



**Financing Schemes for
CSOs and Academia**



**Digital Gender
Inclusion Strategy**



**Curricula for Digital
Age & Innovation**

Current Vision

Digital Nation Pakistan Act 2025 – Digital Society

society where individuals, businesses, and governments use digital technologies across all aspects of life, including governance, economy, education and social interactions, fostering inclusivity, innovation and efficiency through secure digital infrastructure.

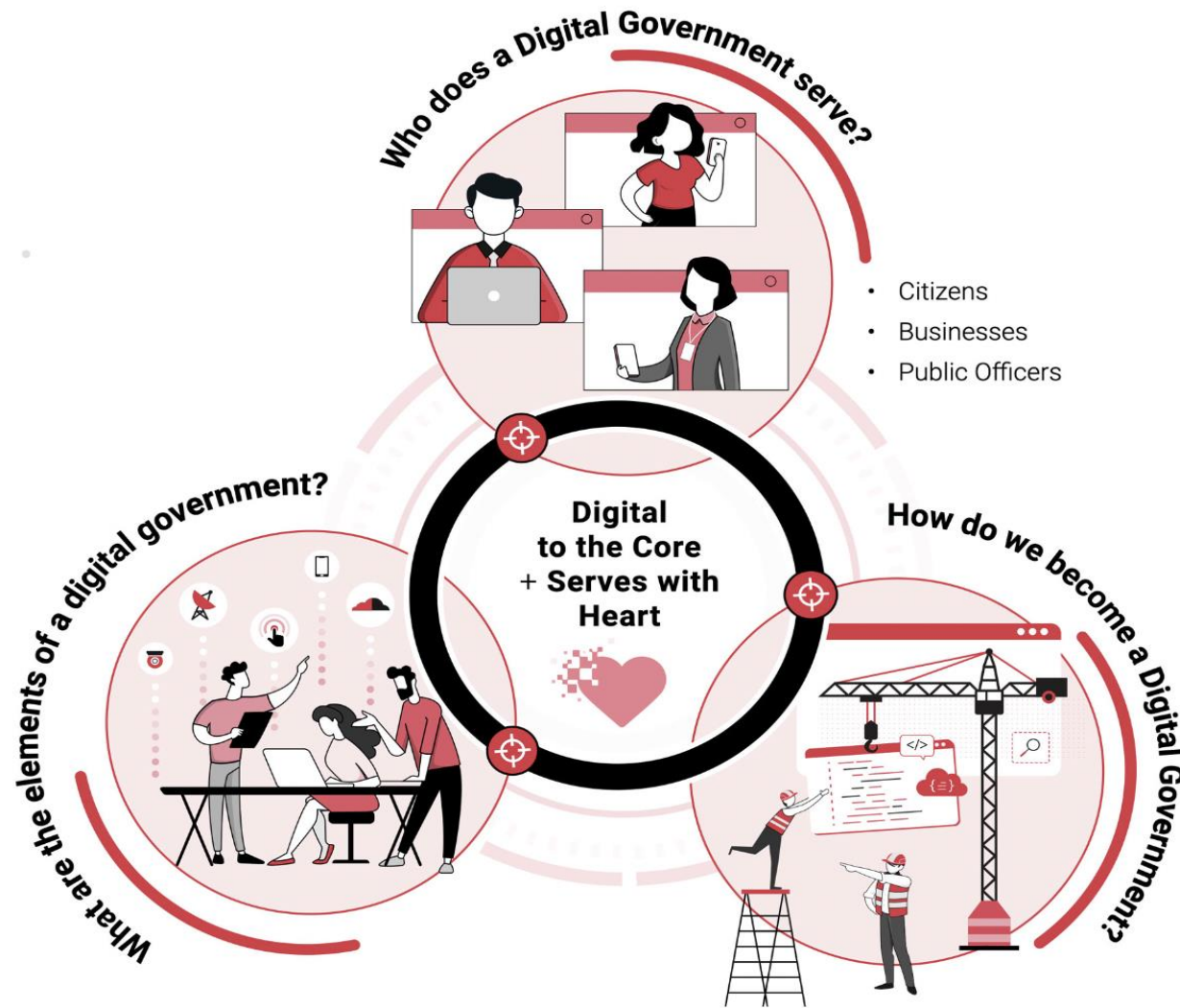
... big & important phrase ...but HOW to implement ?

YOUR INPUT 🙏 : 2035 VISION

What would YOU like Pakistan's
society to look like in 2035?

& where does **digital fit in**?





SINGAPORE `Smart Nation`

Vision:
Estonia, empowered
by digitalisation

Estonia's Digital Agenda
2030



Use the full potential of digital technologies achieve increased production, competitiveness and income and employment rates in the country, aiming at building a free, fair and prosperous society for all.

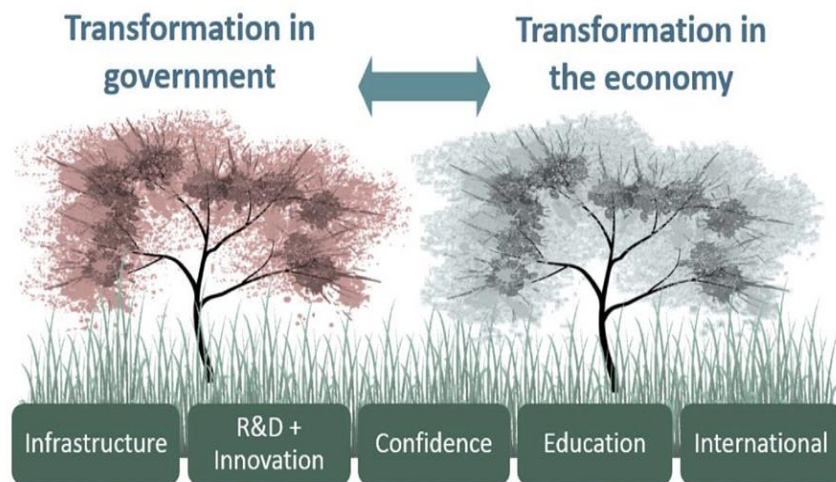




IMAGE OF DIGITAL SOCIETY
FOR PAKISTAN 2035
GENERATED BY AI

YOUR INPUT 🙏 : 2035 VISION POLL

What would YOU like Pakistan's
society to look like in 2035?

& where does **digital fit in**?





The WHY

The WHAT

The HOW

MULTI-TRACK APPROACH

PILLAR 1 – DIGI INFRA : CONNECTIVITY, ACCESS

PILLAR 2 – DIGI GOV : CIVIL SERVANTS, LABOUR, EDUCATION – SECTORAL PLANS

PILLAR 3 – DIGI SOCIETY: CITIZEN FOCUSED, INCLUSION, RIGHTS, INNOVATION



Digital
Lifestyle
Reactive

DIGITAL ROADMAP 2035 APPROACH : DIGITAL CITIZEN/ SOCIETY

2035 OUTCOME: *All Pakistan`s citizens have equal opportunities to access, understand, safely use and socio-economically benefit from digital transformation*

4.1. DIGITAL COMPETENCE: Whole of Society Approach

85% adult population attains basic 5 digital competencies

4.1 National Digital Competence Framework & M&E tool

4.1.2 Provincial Digi Competence Action Plans, Programs, Funds

4.1.3 Making digital Easy` App & national campaign

4.1.4 Certified CSOs/ database

Digital Compact: HEC, MinEdu, Private Sector, NRSP

- 85% pop`n has basic digi competency
- 85% pop`n uses digi gov & digital banking services
- 4x 10-year Provincial Action Plans
- National M&E Framework

4.2. TARGETED DIGITAL INCLUSION

Improved Rankins on NRI Indicators

4.2 1 National Digital Inclusion Framework, M&E tool

4.2.2 Targeted Provincial Programs, Fund & PPPs 4 Digi Inclusion

4.2.3 Projectize & fund PTA`s Gender Strategy: Action Plan (IPSDP)

4.2.4 Scaled Smart Villages – NRSP

4.2.5 eID 4 All Module – scaled TTS to all unserved/ illiterate populations

MOITT, PTA, Provinces, CSOs

- Published Annual Progress Overviews on Digital Incl. data
- Evidence-based program targeting
- ownership, usage among targeted segments

4.3 EXPANDING DIGITAL RIGHTS, ETHICS, PARTICIPATION

85% population is aware about digital rights & ethics

3.1 Pledge on Digital Rights, Principles

3.2 Civic Consultation Platform: TBD

3.3 National Academic Jnl on Digital Society & Digital Inclusion

3.4 Public awareness: cyber hygiene, digi ethics, social norms, data privacy, etc.

3.5. Center of Excellence & Clinic on Data Protection, Privacy & Integrity

3.6 Criteria on Internet Shutdowns

CSOs, Academia

- Increased awareness, capacity to manage data protection, cyber hygiene
- tools, resources, CSOs

4. SCALING LOCALISED SOCIAL INNOVATION

Improved, innovative tech-enabled social entrepreneurship

4.1 Climate, Food & Circular Economy, urban inclusion Tech Cluster/ Center of Excellence

4.2 Provincial Social Innovation Hubs/ Living Labs: Train, fund

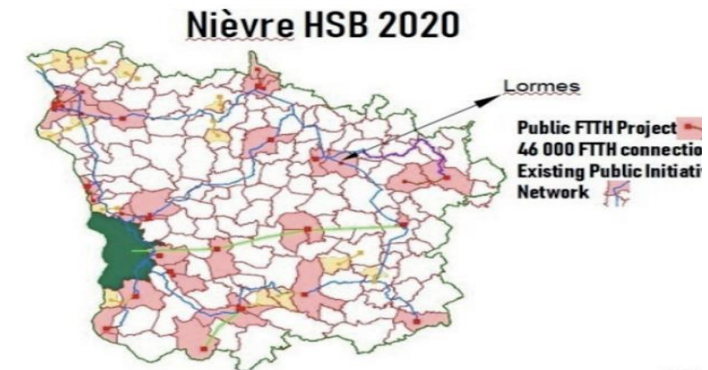
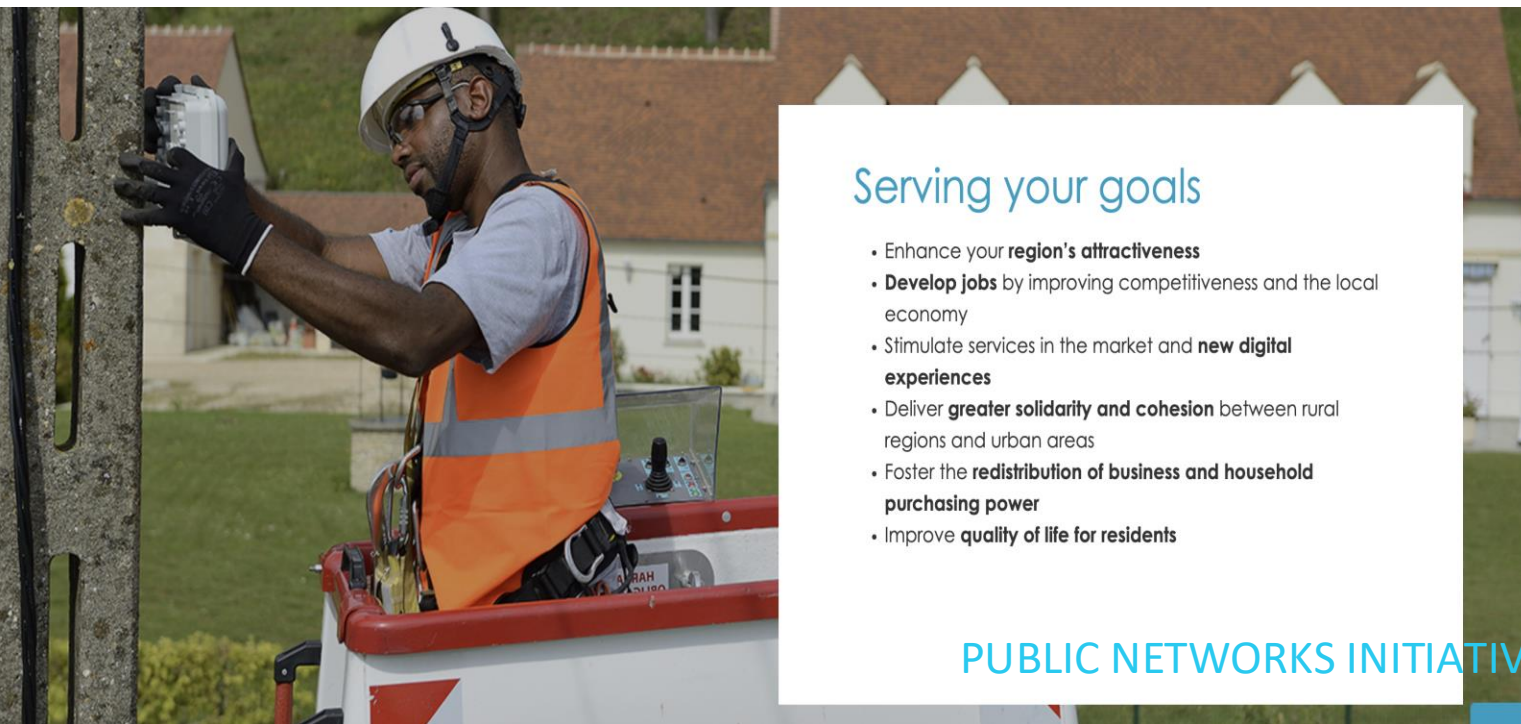
4.3 PPP-based Open Data Academy & Fund to grow OD user groups

CSOs, Private Sector, Dev. Partners

- scaled, sustainable social innovations used nation wide, 100 million users
- Inclusion focused content creation for 4.2

Multi-track Approach – France

- 2010-22 French National Broadband Scheme 4 High-speed Internet - 100% hhds & businesses
→ **Public Networks Initiative – HSB to rural areas based on SMART business cases 4 change (LG lobbied)**
- Multi-stakeholder local, regional digital cooperatives – facilitate trainings, hubs, PPPs, advocacy
- Policy Impact, ROI and Strategic Studies/ Analyses (General Commission for Territorial Equality)
- Digital Skills Checks, Local Digital Strategies, RURALITIC – annual event Rural Digital Expo



Nièvre 2020 - €	Expected €	%
National Subsidy: Fund for a Digital Society	22,97 M €	36,80%
Burgundy Region	9,25M€	14,80%
ERDF	6 M€	9,60%
Département/County	10 M€	16,00%
Public Structures for inter-commune cooperation and Nièvre Numérique	14,28 M€	22,80%
TOTAL	62,5 M€	100,00%
TVA	12,51M€	

FRANCE

DIGITAL SKILLS CHECKS

The democratization of digital uses

Key figures

20,000	8	50	500
Free hours	Workshops per week on average	Distribution locations	Digital skills checks
Each checkbook contains 20 free checks that cover a broad spectrum of digital domains used in personal and professional life.	Each check corresponds to 2 hours of training providing access to 4 modules .	The beneficiaries of the checks use different digital tools: computer, tablet, smartphone, etc. Limited to 8 people.	Demonstration: digital tools, 3D printer, laser engraving and cutting, 3D embroidery machine, etc. limited to 20 people.

<https://mediation-numerique.nievre.fr/cheques-competences-numeriques/>

BRAZIL: NOVO PAC – Growth Acceleration Program, 2023-26



DIGITAL INCLUSION + CONNECTIVITY

1/9 strategic investment areas

(BRL 27.9 billion) mixed budget

- **Connectivity in all schools & health units** (BRL 6.5 billion – 23%)
- **5G & 4G expansion** to remote areas (BRL 18.5 billion – 66 %)
- **28 Information highways** for gov services in remote areas (BRL 1.9 bill)
- **Postal services** (BRL 856 million)
- **Digital TV** (BRL 154 million)

National Digital Inclusion Roadmap



- Access to devices & Internet
- Removing cost as a barrier

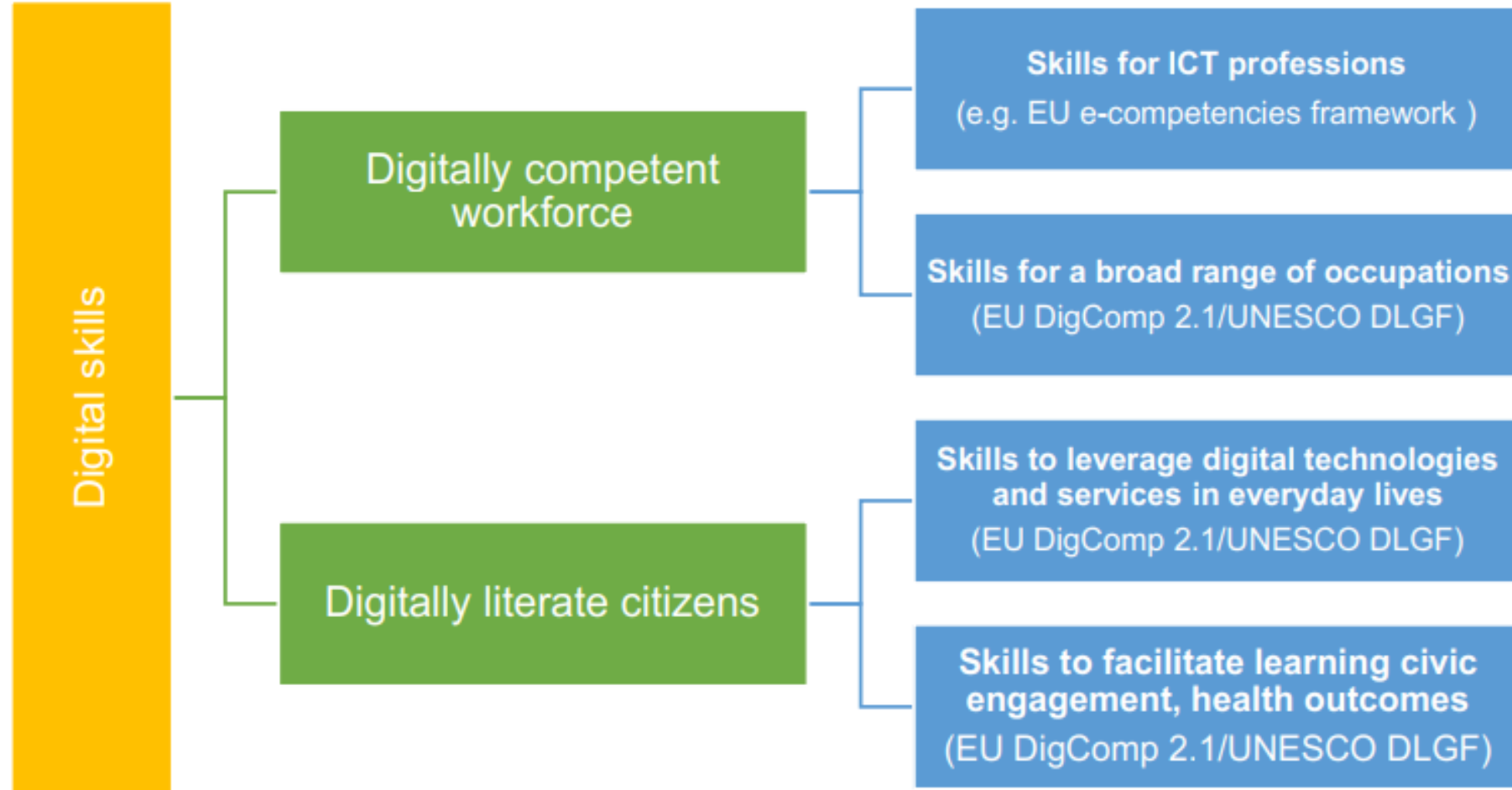
- Digital Capabilities Framework for common understanding of digital skills needs
- Implement a local resources/ support map for citizens & CSOs 4 digital inclusion.
- Overlap and gap analysis to ensure effective focus & effective use of resources.

- Catering to all special needs
- Ensuring that all gov websites & procurement of ICT products/ services comply with key accessibility standards
- Set goals for enabling & collaborative environment for private sector. and CSOs



4.1 DIGITAL COMPETENCE

DIGITALLY COMPETENT SOCIETY

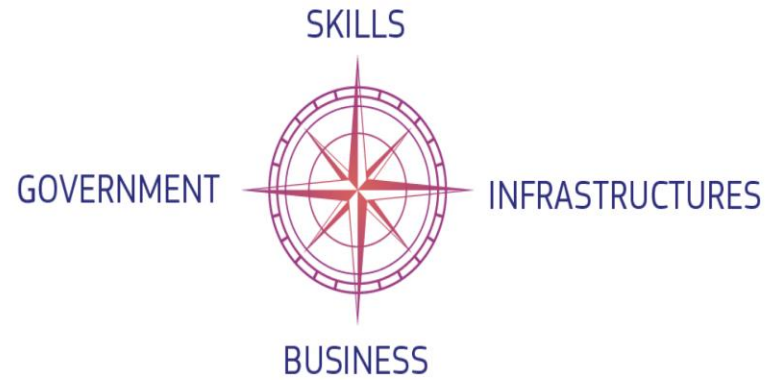


Source: Bashir (2020)

DIGITAL COMPETENCE

EU Framework
UNESCO

Digital Compass



Skills

ICT Specialists: 20 million + gender convergence

Basic Digital Skills: min 80% of population

5 Skillsets & 21 Digital Competences



Applying **CRITICAL THINKING**
& conscious use of
tech

Understanding
RIGHTS & RESPONSIBILITIES

Knowing how to
stay **SAFE** &
manage cyber risks
online

Use of digital tools
to meaningfully
ENGAGE in
community life

Promotion of
civility, **RESPECT**
ethics & do no harm

Pursuit of
SOCIO-ECONOMIC
well-being



**COMPETENT & RESILIENT DIGITAL
CITIZENS**

DIGITAL CITIZENSHIP GUIDE

PRACTICING SAFE, RESPONSIBLE, AND LEGAL USE OF TECHNOLOGY



DIGITAL COMMERCE

Be respectful and always have permission before you hit "buy."



DIGITAL DOWNTIME

Remember to digitally disconnect and spend time with others.



DIGITAL ETIQUETTE

Apply real world behavioral standards to the digital world.



DIGITAL HEALTH

Know when to stay connected and when to turn off devices.



DIGITAL INTEGRITY

Examine the source of online information to determine credibility.



DIGITAL LITERACY

Avoid suspicious emails, websites, and online advertisements.



DIGITAL PRIVACY

Review privacy settings. Know what to share and with whom.



DIGITAL RESPONSIBILITY

Report problems, abusive behavior, and inappropriate images or content.



DIGITAL SECURITY

Make passwords easy to remember, but hard to guess.

EU DigiComp 2.0 - 21 Competences

1. Information & Data literacy

- 1.1 Browsing, searching and filtering data, info & digital content
- 1.2 Evaluating & managing data, info & digital content

2. Communication & Collaboration

- 2.1 Interacting & sharing through digital technologies
- 2.2 Engaging in citizenship through digital technologies
- 2.4 Collaborating through digital technologies
- 2.5 Managing digital identity & Netiquette

3. Digital Content Creation

- 3.1 Developing digital content
- 3.2 Integrating and re-elaborating digital content
- 3.3 Copyright and licences
- 3.4 Programming

4. Safety

- 4.1 Protecting devices
- 4.2 Protecting personal data and privacy
- 4.3 Protecting health, well-being & the environment

5. Critical thinking & Problem solving

- 5.1 Solving technical problems
- 5.2 Identifying needs and technological responses
- 5.3 Creatively using digital technologies
- 5.4 Identifying digital competence gaps

4.1 DIGITAL COMPETENCE: Whole of Society Approach

90% adult population actively uses government services, digital banking, e-commerce, self-employment.

*EXPECTED OUTCOME
NORTH*

4.1.1 National Digital Competence Framework & MEL tool

4.1.2 Provincial Digital Competence 10 Yr Action Plans, Programs, Funds

4.1.3 Making digital Easy` App & national campaign, Pub. Opinion surveys

4.1.4 Certified rural `DigiCompetence Builders` training program: NRSP, CSO/CBOs database, DigiComp checks, Access to device

FLAGSHIP PROJECTS

Digital Compact: HEC, MinEdu, Private Sector, NRSP

WHO

- # and % population uses digi gov services, disaggregated by gender, age & rural areas
- # and % population uses banking services, disaggregated by gender, age & rural areas
- 4x10-year sustainably financed Provincial Action Plans
- Evidence based reports, policies & plans informed by M&E Framework in use

IMPACT

YOUR FEEDBACK PLEASE

1. Please take a minute to reflect on the proposed projects
2. Rank the projects using our online POLL
3. Consider if any are missing



4.1. Whole of Society Digital Competence

Outcome: 90% adult population has basic digital competency

FLAGSHIP PROJECT #1: National Digital Inclusion Framework & Monitoring Tool				
RATIONALE	ACTIVITIES			KPI
Develop a coherent vision & systematize benchmarking for aggregate impact & progress tracking in relation to Digital Competency	<ul style="list-style-type: none">• Baseline analysis on 5 DigiComp Areas• Set vision & Stratified programs, benchmarks, M&E tool, coordination mechanism with provinces• Budget & Resource allocation• Rollout of digi comp approach• Annual reporting 5 yr review via Annual surveys, publications, data access			Published Framework & Monitoring Tool Annually published progress overview
Rollout Timeline	Year 1	Year 3	Year 5	Year 6-10
	Conceptualisation	Rollout		Review & adjust
RESPONSIBLE	MOITT, MPD, HEC, CSOs			
COST	est. 1 million USD			

4.1. Whole of Society Digital Competence

FLAGSHIP PROJECT #2: Provincial Digital Competence Action Plans, Programs, Funds				
RATIONALE	Activities			KPI
Devolved implementation of National Digital Competence Framework at Provincial level	<ul style="list-style-type: none">Develop/ align Provincial Digital Competency Frameworks with National FrameworkIdentify and launch stratified provincial digital competency programs/ content - women, rural, elderly, special needs, teachers, community CSOs Organize promo campaign on 5 DigiCompSet up G2G coordination mechanism with National gov for data aggregationSecure Resource allocation, consider PPPs			4 Provincial Digital Competency Frameworks/ strategies/policies Digital Competence Financed programs to
Rollout Timeline	Year 1-2	Year 3	Year 5	Year 6-10
	Conceptualisation	Rollout		Review & adjust
RESPONSIBLE	Provincial Planning Dept.,			
COST	200 000 USD	est. 8 million USD (2 million per province)		

4.1. Whole of Society Digital Competence

FLAGSHIP PROJECT #3: `Making digital Easy` App & national awareness campaign

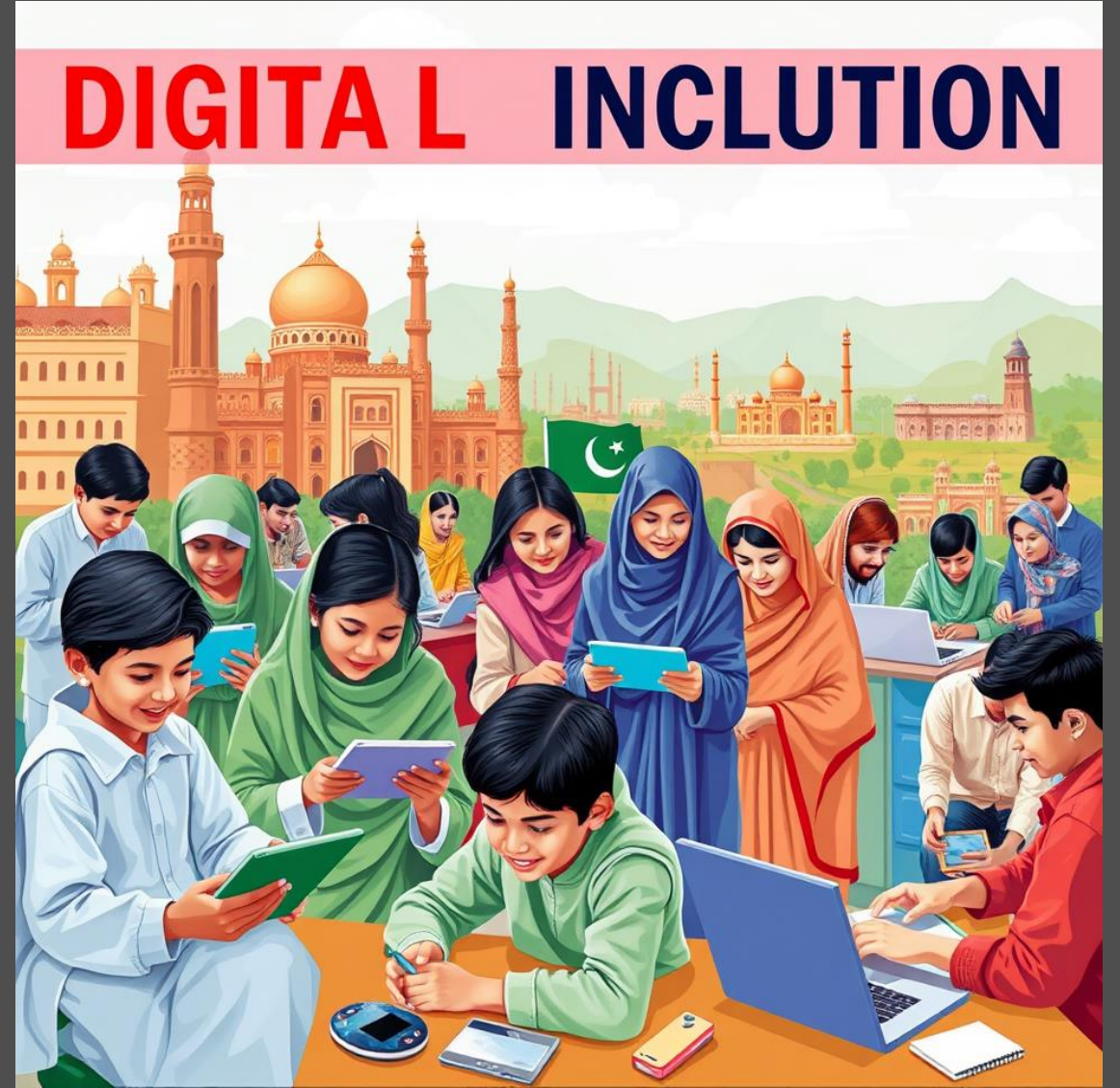
RATIONALE	ACTIVITIES		KPI	
Develop a free modular nation`Making digital Easy` App, platform	<ul style="list-style-type: none">Design 5 UX-friendly app modules on digital competency + digital services, digital banking, data protection etc.National rollout to all 4 provincesStart with 5, phasing more modules laterRollout national promo campaign on basic digital competency & the appMonetization business model		<ul style="list-style-type: none">App used by 50% of adult populationIncreased digital competency trends in targeted areas	
Rollout Timeline	1 yr	3 yr	5 yr	5-10yr
	Conceptualisation	Rollout / Year 2 - 10		
RESPONSIBLE	PPP - MOITT + Telcos			
COST	350 000 USD (App + sustained maintenance/ hosting)			

4.1. Whole of Society Digital Competence

FLAGSHIP PROJECT #4: Certified Digital Competence Builders Program				
RATIONALE	ACTIVITIES			KPI
Provide certified training to CSOs & provincial For decentralised awareness outreach	<ul style="list-style-type: none">• Design training program for CSOs based on 5 skillsets 4 digital competency + data protection, digital financial literacy etc.• Digital Skills Checks• National rollout of training in all 4 provinces• Set up national database of certified/ trained CSOs, NRSP community orgs• Incentivize deployment of CSOs• Periodic (3 year) review of training in 10 yrs			<ul style="list-style-type: none">• App used by 50% of adult population• Increased digital competency trends in targeted areas
Rollout Timeline	1 yr	3 yr	5 yr	5-10yr
	Training/ Certification of CSOs		Field deployment	
RESPONSIBLE	PPP - MOITT + Telcos			
COST	350 000 USD (App + sustained maintenance/ hosting)			



LUNCH



DEFINITION

“Equitable, meaningful and safe access to use, lead, and design of digital technologies, services, and associated opportunities for everyone, everywhere”.

UN DESA

Equal, affordable access to inclusive content, ability to use & benefit from digital transformation for the pursuit of socio-economic well-being irrespective of gender, age, location or socio economic status.

ADB team

WHO are the excluded? ... and HOW?

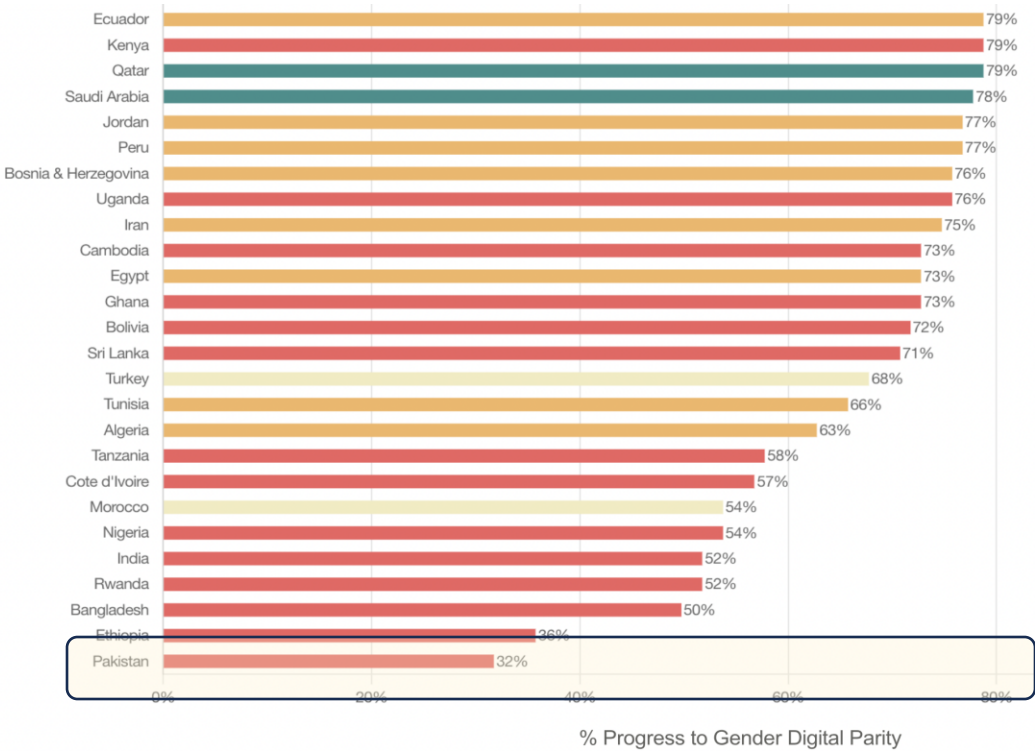
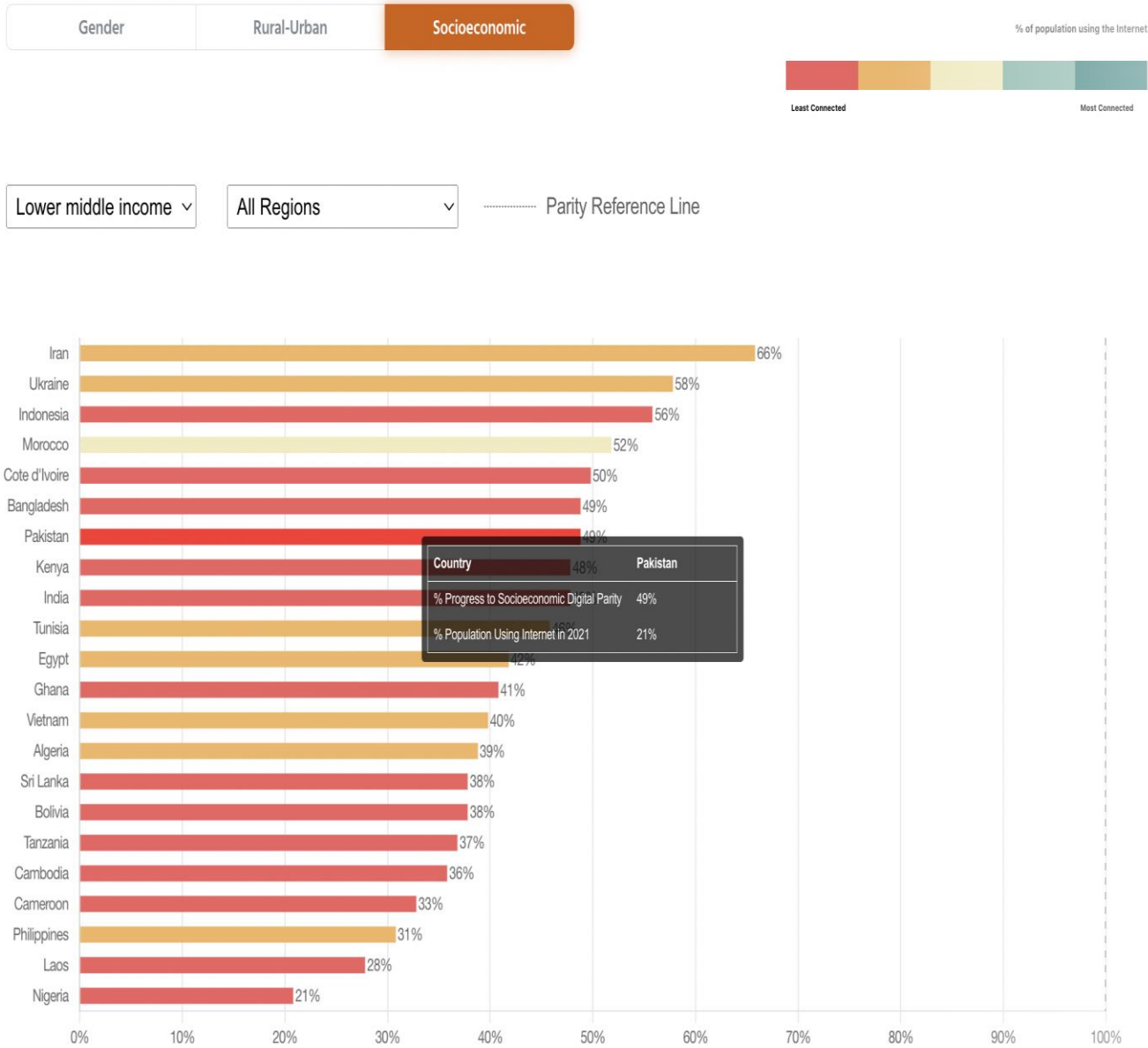


- ... Women
- ... Urban & Rural populations
- ... Low income hhds
- ... Least skilled workforce
- ... Physically challenged
- ... Unemployed
- ... Elderly
- ... Youth

... a moving target. ... intersectional

Digital Inclusion: Progress to Parity

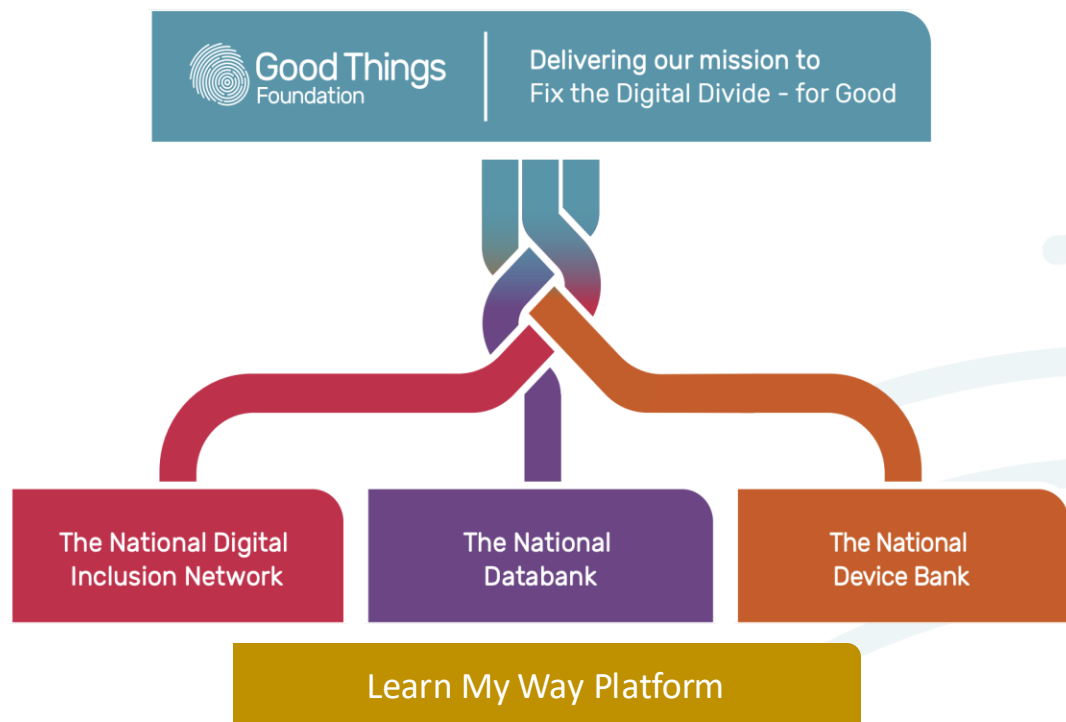
An interactive tool benchmarking 90 economies' progress in closing the digital divide among three measures: gender, rural-urban, and socioeconomic.



In Red-colored with low % of population using the internet would do well to expand access to digital tech in an equitable manner among the excluded populations.

INTEGRATED MISSION-LEAD, PPP APPROACH UK-WIDE

FIXING DIGITAL DIVIDE FOR GOOD




Our track record

Good Things Foundation has over 10 years of experience in working with partners across the globe and helping people to benefit from the digital world.


We've reached over
4 million people
worldwide
(2010 - 2022)


We supported over
22,000 people
with free devices,
internet data
and support
(2020-22)


We have secured
500,000 mobile data SIMs
for the
National Databank
(2021 - 2023)

Our work drives positive outcomes for people



feel more confident
about using online tools
to manage their health⁷



made fewer visits
to their GP⁷



go onto employment
related activities and
20% get a job⁸



use online
government services⁹



feel less
lonely¹⁰



www.goodthingsfoundation.org



NOMINET



LESSONS LEARNED

- **Connectivity:** Strongly tied to Broadband Infrastructure programs
- **Needs meta data analyses & maps** on layered gaps = effective targeting
- **Multi-track**, programmatic, devolved, focused, multipliers
- **Needs `bigger home(s)`** for impact, concerted effort

4.2 TARGETED DIGITAL INCLUSION

Digital divide among women & vulnerable groups is diminished through tailored, evidence-based nation-wide programs & PPPs.


- 4.2.1 National Digital Inclusion Framework, Map, M&E tool
- 4.2.2 National Digital Incl. Hub/Alliance with Provincial Branches
- 4.2.3 Digi Inclusion Provincial Programs & PPPs to implement 4.2.1
- 4.2.4 Smart Districts/ Tehsils Program: NRSP – access to device, digital checks
- 4.2.5 Projectize PTA's Gender Strategy: Action Plan, funding
- 4.2.6 eID 4 All Module – scaled TTS to all unserved/ illiterate populations

+

PILLAR 1

P1 Access to device
P1 Digital Connectivity
for Unserved &
Underserved Areas
Schools/ Hosp.

MOITT, PTA, Provinces, NRSP, CSOs, USF, Private Sector

- 2035 Pakistan among top 50 on NRI, EGD, E-participation Indices
- 100% parity in access to device & Internet usage among men & women
- Published Annual Progress Overviews on Digital Incl. data
-  use of gov services, banking among targeted groups (>85% of adult popn)

YOUR VALIDATION PLEASE



1. Pls take a minute to reflect on the proposed projects



2. Rank the projects using our online POLL



3. Consider if any are missing



4.2. Targeted Digital Inclusion

Outcome: Consolidated data overview

FLAGSHIP PROJECT #4.2.1: National Digital Inclusion Framework & Monitoring Tool				
RATIONALE	ACTIVITIES			KPI
Develop a coherent vision & systematize benchmarking for aggregate impact & progress tracking in relation to Digital Competency	<ul style="list-style-type: none">• Baseline analysis on 5 DigiComp Areas• Find an institutional `home for Digital inclusion`• Set vision & Action Plan, Stratified programs, benchmarks, M&E tool, vertical coordination mech. with provinces• Budget & Resource allocation, Rollout• Annual reporting 5 yr review via Annual surveys, publications, data access			Published Framework & Monitoring Tool Annually published progress overview
Rollout Timeline	Year 1	Year 3	Year 5	Year 6-10
	Conceptualisation	Rollout		Review & adjust
RESPONSIBLE	MOITT, MPD, HEC, CSOs			
COST	est. 1 million USD			

4.2. Targeted Digital Inclusion

Outcome: 85% adult population has basic digital competency

FLAGSHIP PROJECT #4.2.1: National Digital Inclusion Hub with Provincial Branches				
RATIONALE	ACTIVITIES			KPI
Develop a coherent vision & systematize benchmarking for aggregate impact & progress tracking in relation to Digital Competency	<ul style="list-style-type: none">• Baseline analysis on 5 DigiComp Areas• Find an institutional `home for Digital inclusion`• Set vision & Action Plan, Stratified programs, benchmarks, M&E tool, vertical coordination mech. with provinces• Budget & Resource allocation, Rollout• Annual reporting 5 yr review via Annual surveys, publications, data access			Published Framework & Monitoring Tool Annually published progress overview
Rollout Timeline	Year 1	Year 3	Year 5	Year 6-10
	Conceptualisation	Rollout		Review & adjust
RESPONSIBLE	MOITT, MPD, HEC, CSOs, USF			
COST	est. 1 million USD			

DIGITAL RIGHTS
INTEGRITY &
PARTICIPATION




3. DIGITAL RIGHTS, FREEDOMS &

Digital rights as an extension of human rights for the Internet age.

85% population is aware and exercises their digital rights & ethics

- 3.1 Declaration & Advocacy on Digital Rights, Principles, Alliance formation
- 3.2 Grant Program: digital rights, ethics, integrity
- 3.3 National Academic Journal on Digital Rights, Ethics & Inclusion
- 3.4 National Public awareness: cyber hygiene, digi ethics, social norms, data protection, child protection.
- 3.5. National & Provincial Centers of Excellence: Training (CSOs, pub.officials, Legal Aid Clinic, Mobile Unit on Data Protection, Privacy & Integrity)
- 3.6 Policy dialogue setting criteria on Internet Shutdowns

CSOs, Academia

- Increased public awareness, capacity to manage data protection, cyber hygiene
-  tools, resources, CSOs empowerment to support the growth of digital rights

YOUR VALIDATION PLEASE



1. Pls take a minute to reflect on the proposed projects



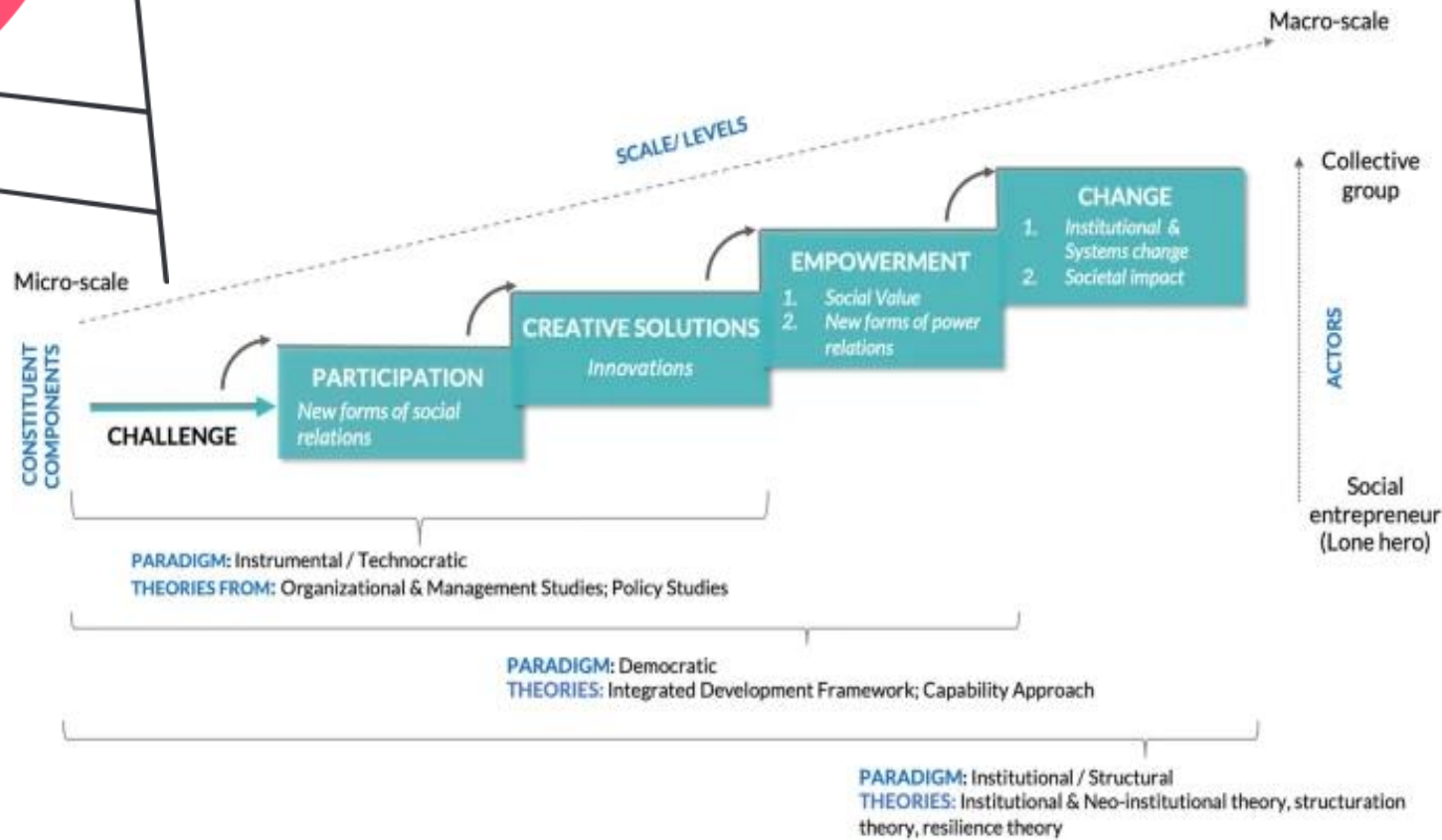
2. Rank the projects using our online POLL



3. Consider if any are to be added



4.4 LOCALISED SOCIAL INNOVATION



INCLUSIVE SOCIAL INNOVATION



Flying cellphone towers
Telelift. **India,**
Africa
Rural logistics: food, blood supply
Germany, Rwanda



Integrated Participatory
Budgeting and Citizens-
Generated Data Urban Project
Montenegro



AI powered Text <->
speech screen readers
Digital services
Diverse Countries: health,
elderly, visually impaired

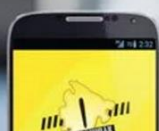
ENHANCED CIVIC PARTICIPATION via CIVIC TECH

MONTENEGRO: GREY ECONOMY REPORTING



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- **Be Responsible MOBILE APP** citizens report– illegal waste dumps, misuse of public resources, irregular parking, tax regulations non-compliance.
- **Most popular:** ecology and improper parking.
- **RESULTS 1st six months** of campaign:
- **Over 1.500 irregularities** reported
- **500.000 EUR** in fines collected by local government
- **Half of fines received (250.000 EUR)** → to 5 community projects proposed and voted on by citizens:
 - i. Medical equipment for hospitals
 - ii. Redesign of 3 day-care centres for kids with disabilities
 - iii. Landscaping a park
 - iv. Reconstructing an old age home.

4. SCALING LOCALISED INNOVATION

OUTCOME

Viable social entrepreneurship ecosystem in place to mitigate social digital divides through innovative tech and data driven solutions.


PROJECTS

- 4.1 Climate, Food, Circular Economy, Urban-rural inclusion Tech Cluster/ Center of Excellence with phased monetization model
- 4.2 Provincial Social Innovation Hubs: Train, innovate, fund, PM annual awards
- 4.3 PPP-based Open Data ecosystem (demand side): advocacy, data science academy, fund, use cases for economic growth, DRR & social change

WHO

CSOs, Private Sector, Dev. Partners, Academia

KPIs

-  scaled, sustainable social innovations 100 million users
- # of inclusion focused content, solutions created for 4.2
- # of social entrepreneurs, jobs created
- # employed data scientists

YOUR VALIDATION PLEASE



Please take a minute
to reflect on the
proposed projects



Rank the projects using
our online POLL

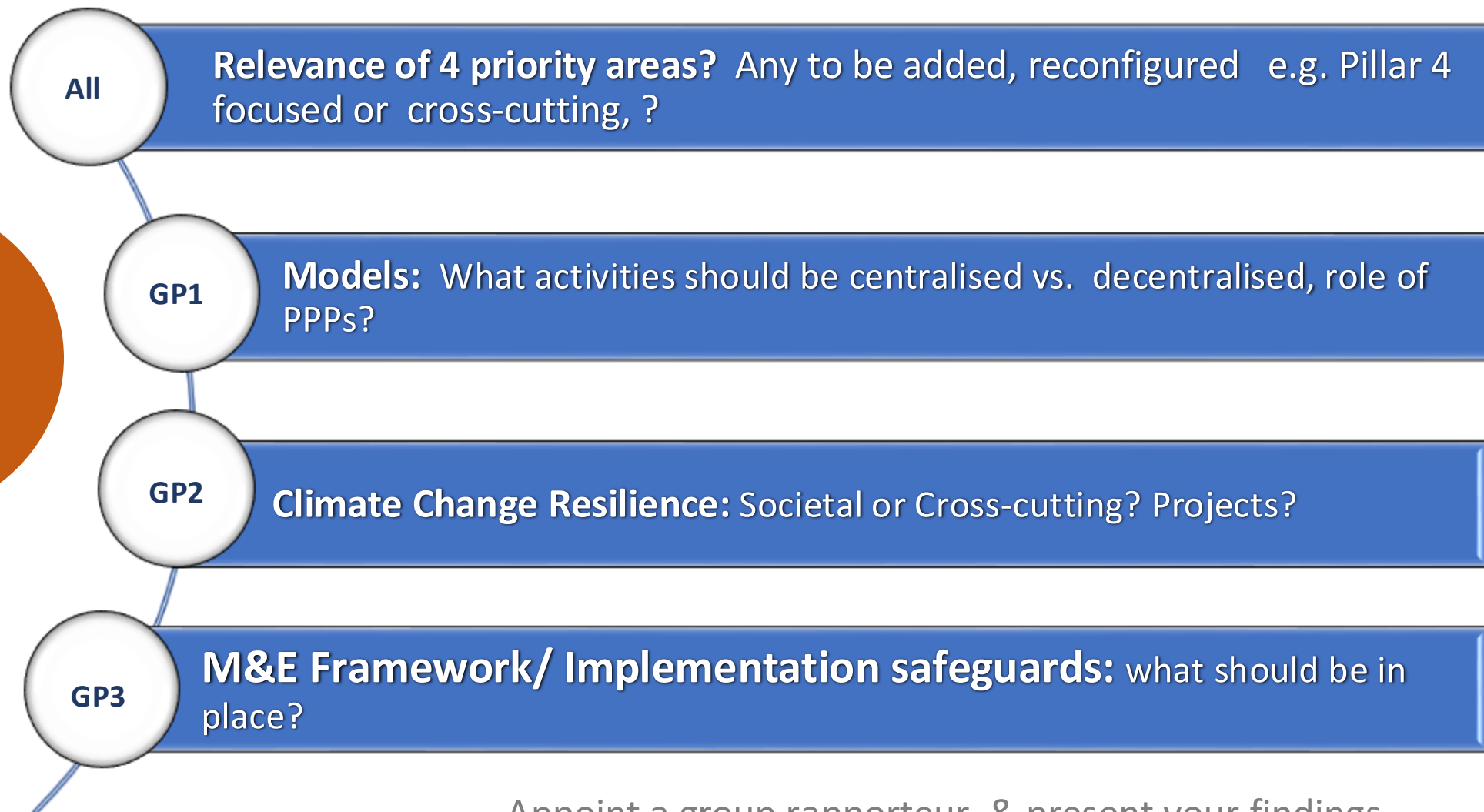


Consider if any are
missing



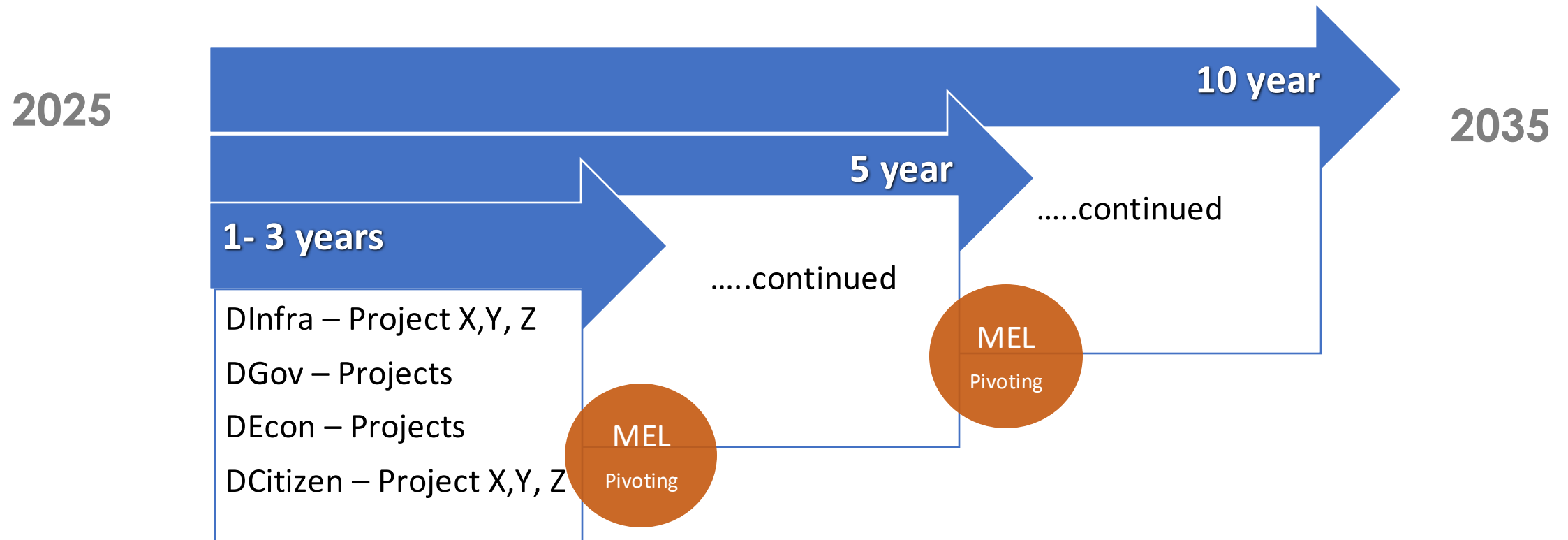
BIG PICTURE VALIDATION

30 min



... Appoint a group rapporteur & present your findings

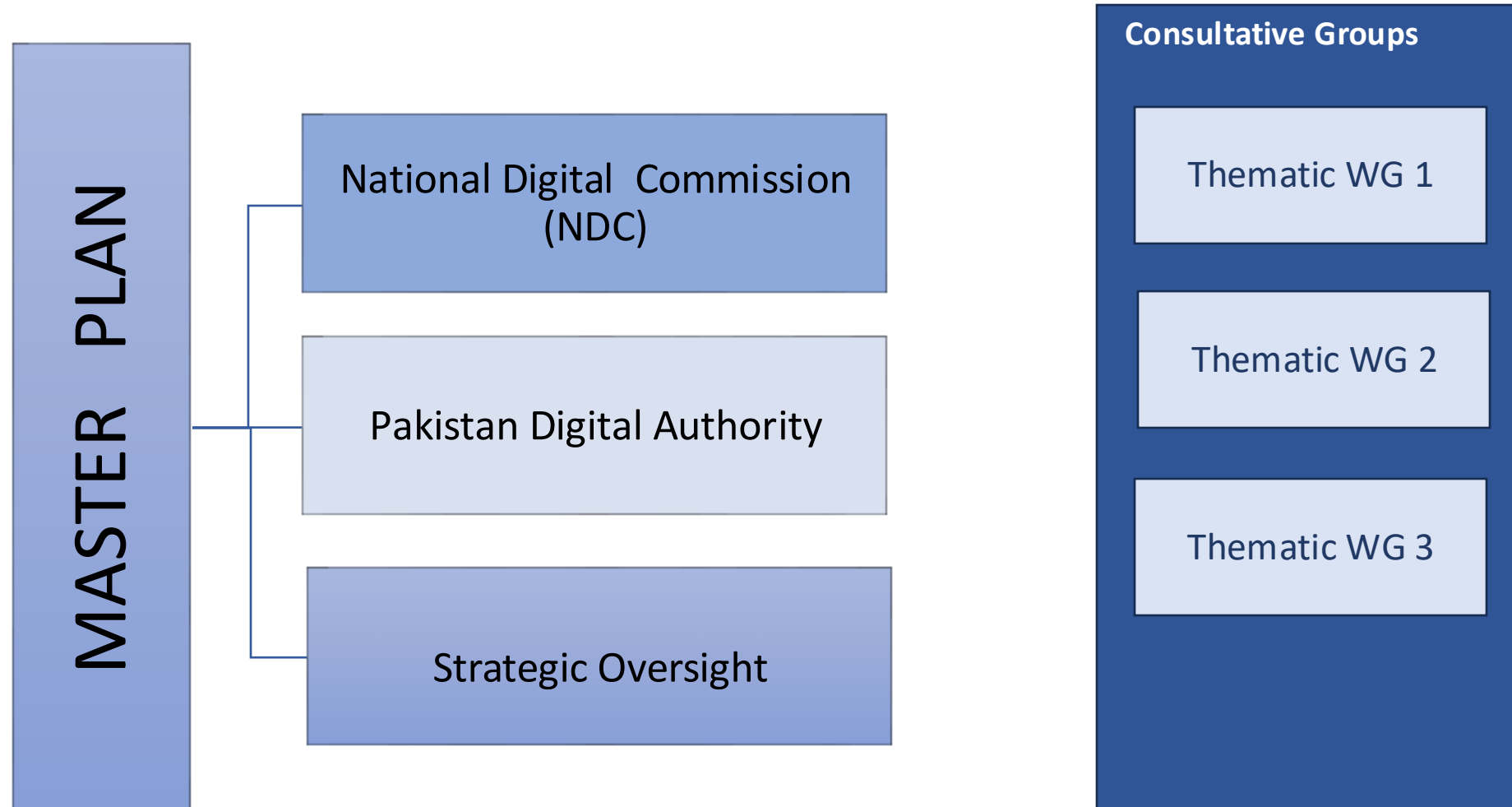
Governance, Steering & MEL



What should be the :

- ***Transparency, accountability mechanism*** to ensure effective implementation?
- ***ME Learning & Reporting Mechanism*** – who, where, how, frequency?

CURRENTLY PROPOSED GOVERNANCE MECHANISM: DIGITAL PAKISTAN ACT 2035



Governance: Digital Nation Pakistan Act

National Digital Commission (NDC)

PM, 4 chief ministers, heads of the State Bank, FBR, PTA

- Sets, approves policies, monitors implementation of digital Masterplan
- Vertical/ horizontal G2G, regulatory coordination in line with national digital masterplan
- Strategically advises & directs PDA
- Solves inter-jurisdictional challenges and support
- Ensures relevant support and resources for implementation to the PDA

Pakistan Digital Authority

Industry representatives

- Chief implementer of national Digital Masterplan, data strategy, cloud migration, DPI
- Develops, implements, monitors, updates the national digital masterplan
- Develops sectoral implementation plans
- Oversees and drives related operations
- Complies with NDC's strategic guidelines
- Reports on results

Implementation Safeguards: MEL

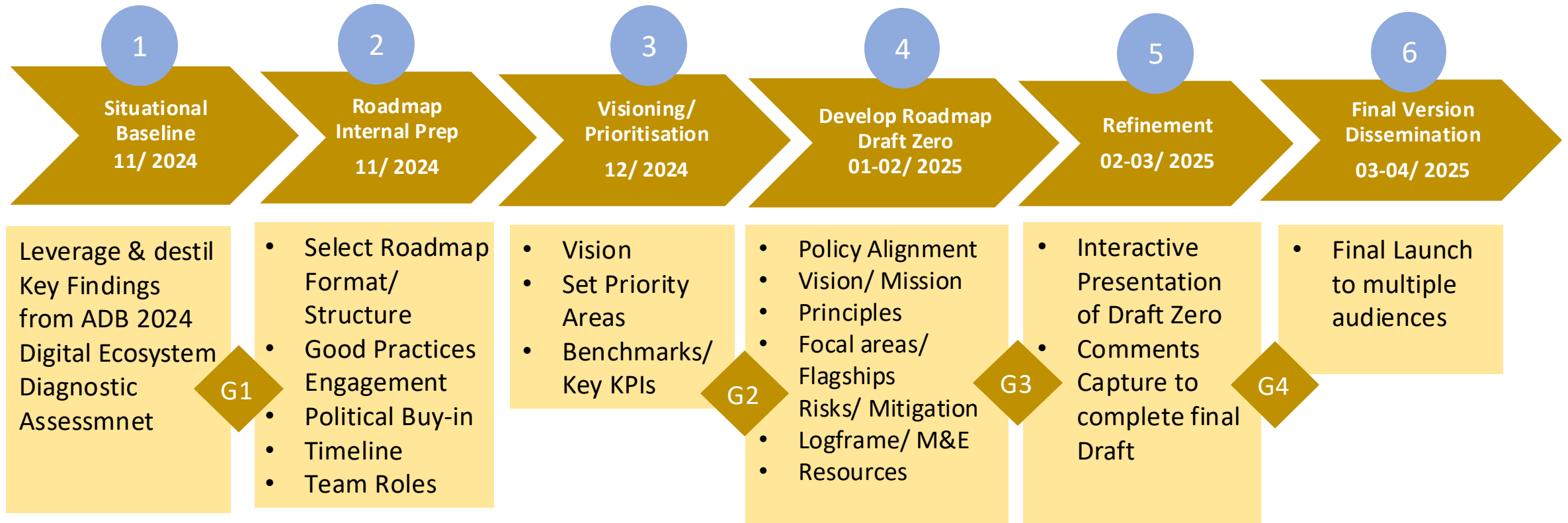
Ref. CH6 PDA :

- **Vertical & horizontal G2G Coordination** + private stakeholders to ensure alignment with the masterplan
- **MEL framework for DT projects** and programs under the masterplan, reports progress to the Commission, compliance and proposed corrective actions
- **Reviews plans & MP projects**, recommends for approval to the Commission for public sector

CH 4 Strategic Oversight Committee of PDA - (1) monitors and evaluates the performance of PDA, compliance and alignment Commission strategic objectives

S. No	Membership	Status
(1)	(2)	(3)
1.	Minister-in-charge of the Division concerned;	<i>Convenor</i>
2.	Secretary of the Division concerned;	<i>Member-cum-secretary</i>
3.	Secretary of the Division to which business of the finance stands allocated;	<i>Member</i>
4.	Secretary of the Division to which business of planning and development stands allocated;	<i>Member</i>
5.	A representative of the Special Investment Facilitation Council not below the rank of an officer in BPS-21 or equivalent;	<i>Member</i>
6.	Four independent members from the private sector with relevant experience.	<i>Members</i>

ROADMAP PROCESS & NEXT STEPS



THANK YOU !

