



Realizing Nepal's digital aspirations
Hopes, approaches and challenges

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Of hopes and *default settings*...

- Technical limitations minimized/ or effectively gone
- New ways of creating Value....
- Game changing potentials and opportunities

Internet enters the scene

Resourcefulness of IT grows exponentially

SMACIT
Spatial dimensions

Blockchain, AI, Robotics, Immersive Tech

Potential reset of default setting

- *What can you do at the confluence of these technologies?*
- *Digital strategy*

TRANSFORMATION

Pre-internet

- Process automation
- Technical limitations
- Lot of hype -xformation

Major Shifts ...

Citizen
expectations

Speed of
change

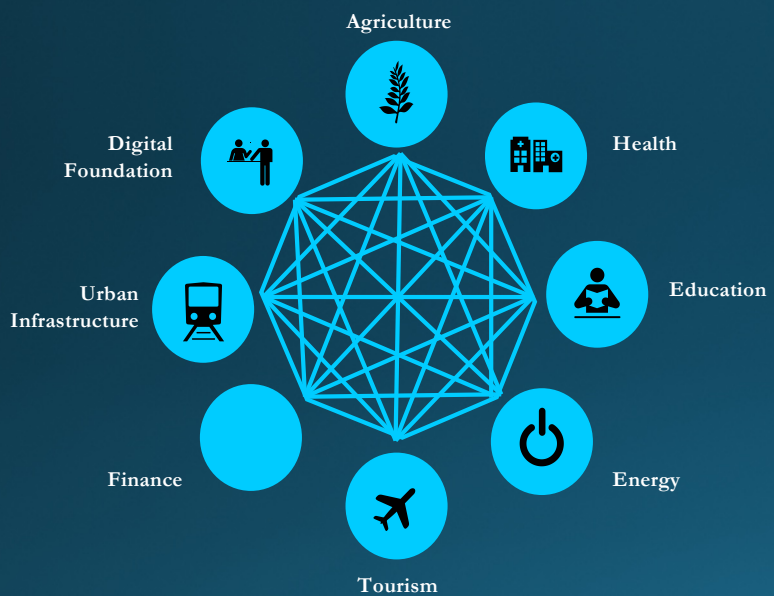
Technology
driven
potentials

Social media
and public
opinion

Incremental change vs *transformation*..

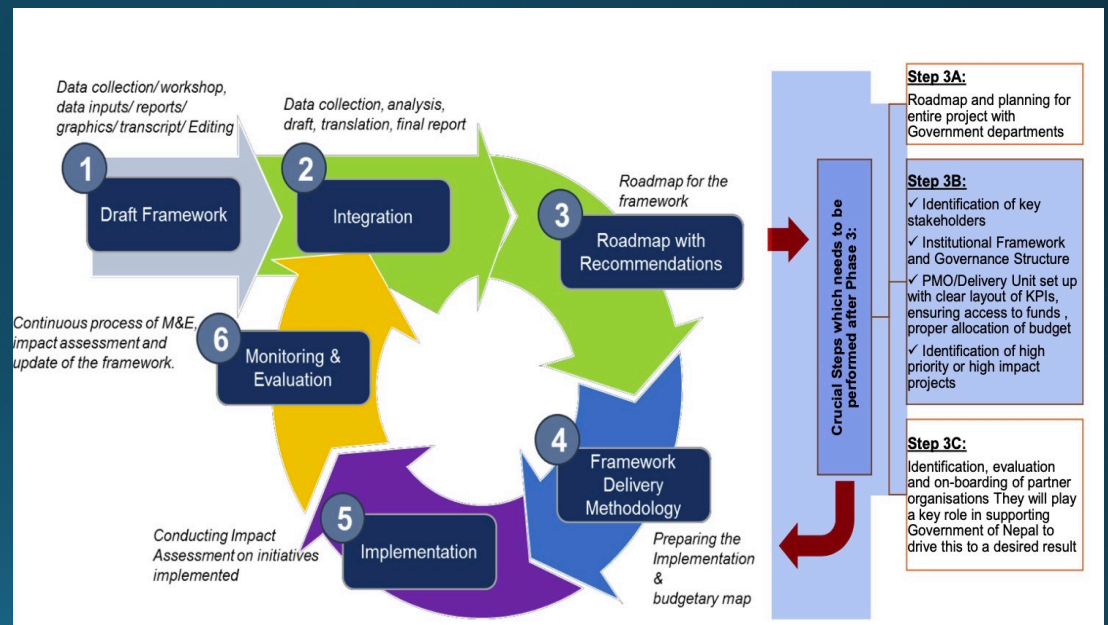
Approaching digital strategy...

- Conducive policy and regulatory environment
- e-Government roadmap
 - NID, GEA
- Strengthening foundational infrastructure
 - Broadband , Cloud and data centers
- Creating and strengthening ecosystem
 - Digital payments /digital finance landscape
- Enabling technology stack (government cloud, data center)
- **Digital Nepal framework>>**



Digital Nepal Framework

1-8-80



Digital Nepal : Project Implementation Roadmap

Implementation..

Institutional
arrangement
(Policy and reg.
frameworks,
private sector, civil
soc. dev. part, inst.
Restructuring)

Governance,
delivery
methodology and
management

KPIs, M&E

Resources and
investment
models
(PPP, Private,
Public)

Dedicated and sufficiently mandated Performance Management and Delivery
framework and apparatus/ Implementation team

(PMDU UK, Malaysia/PEMANDU)

Challenges

- Transformation is tough and disruptive >> level of political commitment
- Technology governance and management issues
- Again, default settings - entrenched problems of low level of overall readiness,
- Data protection and privacy issues impacting buy-in, political-cultural ethos
- Emerging tech >> disruptive implications and on overall competitiveness
 - Challenges (*big cos and clout.., social ills*)

Conclusion..

- Interesting juncture technologically
- Enhanced level of readiness to absorb disruptions >> meaningfully respond to or capitalize on these technologies and platforms
 - Crypto-currency, e-Commerce, AI, sharing economy
- Focus >> creating foundational infrastructure and resources – innovation will follow
- Forums like SANOG have really important role to play
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The background is a complex digital-themed collage. It includes a close-up of a green printed circuit board (PCB) with various components and traces. A globe of the Earth is visible, with a network of white lines connecting various points across its surface. In the lower right, there's a blurred image of a server rack with multiple horizontal slots. The overall color palette is dominated by dark greens, blues, and greys, with a prominent yellow text overlay.

Thank you