



e-Agriculture Strategy - Country Experiences

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Overview of the country - Bhutan



- Location: Between India & China
- Land size: 38,394 km²
- Population: 735,553
- Literacy Rate: 71.4%
- GDP growth rate: 7.99%





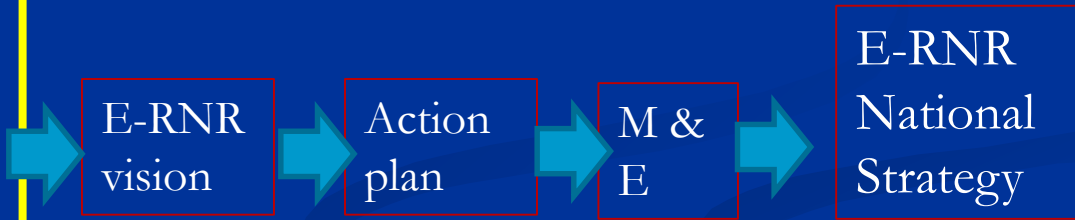
Approaches to develop e-RNR Master plan



Process:

- ✓ Formation of task force
- ✓ 11th FYP document

Basis
FAO-ITU
E-agriculture
Strategy





hutan eRNR Master plan(National e-Agriculture Strategy)



Vision:

“By 2023, application of ICTs will accelerate sustainable growth of renewable natural resources sector for equitable socio-economic well-being of the people and the nation”

Action Plans:

The E-RNR action plan would enable the government to:

- ✓ Identify all components of E-RNR expected outcomes
- ✓ Identify key stakeholders
- ✓ Prioritize the activities in implementation phases to achieve tangible outcomes.

ICT Solutions and status of implementations



- 6 Priority ICT solutions

- ✓ Integrated Natural Resources Management Information System
- ✓ E-RNR Extension and Advisory system
- ✓ Online RNR marketplace and supply chain management information system
- ✓ M-banking/ online transaction for agricultural services
- ✓ RNR helpline
- ✓ Agrometeorological Information Services (Mobile application)



ICT Solutions and status of implementations



IT Solution under implementation:

Thematic Application Areas	Action/Services
Integrated Natural Resources Management Information System	Forests Information Reporting and Monitoring System(FIRMS)
Online RNR marketplace and supply chain management information system.	Agriculture Marketing Information System (AMIS)
ePEST surveillances system	ePEST system
RNR helpline	6 RNR helpline Services



Issues and Challenges



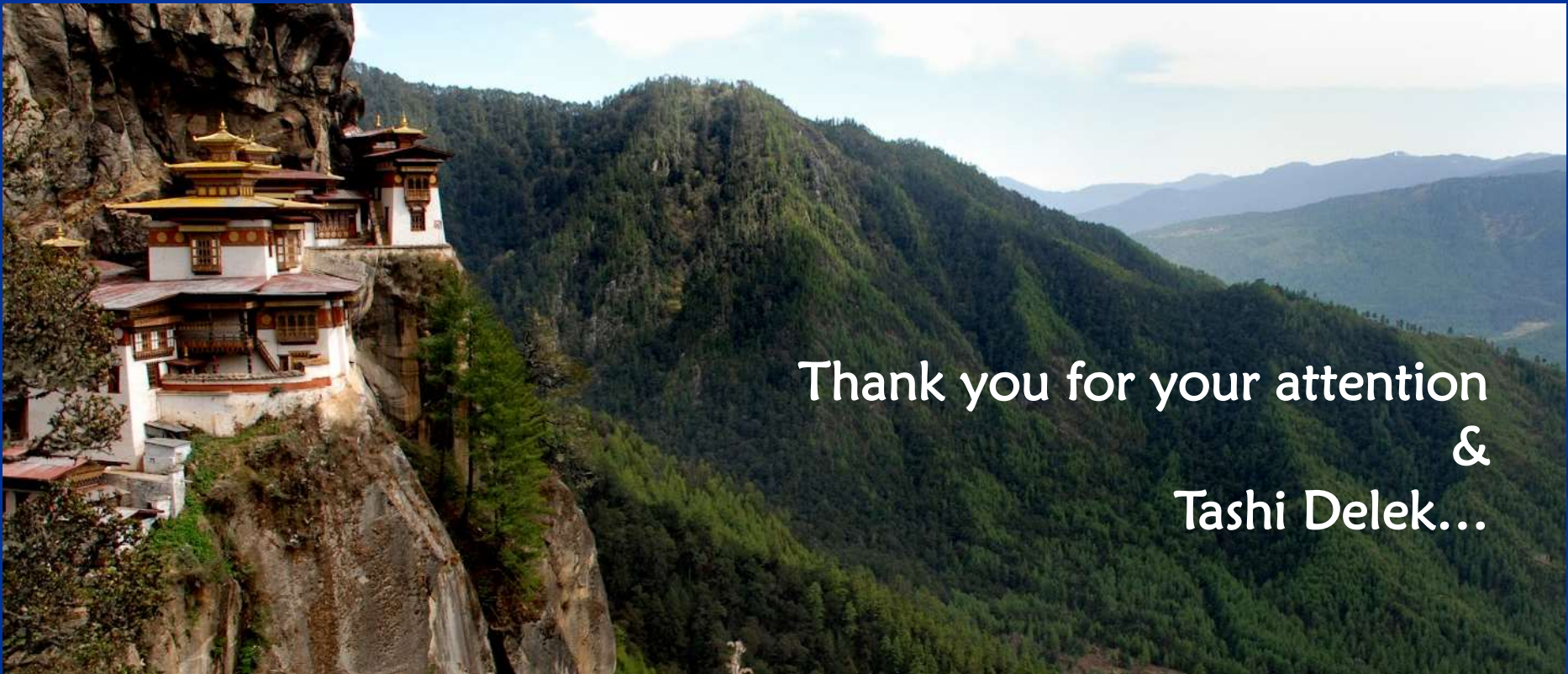
- Difficulty in Coordinating among departments/Agencies
- Limited HR capacity
- Limited funding

Way forward for ICT in Agriculture



- Integration of the ICT strategy into the 12th FYP
- Piloting prioritized ICT solutions
- Ensuring adequate resource allocation (financial and HR)

Acknowledgement :



Thank you for your attention
&
Tashi Delek...