STI Roadmap for SDGs - Cambodia

Has Bunton
01 Mar. 2019
UNESCAP, Bangkok, Thailand
Content

- Status
- Beginner Challenges
Status on Pilot

• Please and Thanks
• Submitted Letter of Interest
• Submitted relevant frameworks and priority
  ◦ STI → National Dev. Plan → National Strategy
    (target by gov. mandate) → C-SDGs → Vision 2050
  ◦ ICT, Agri., Health
• Help for STI?
ICT

• 1 Proposal to lift Language barrier with existing technology

In local language →

❖ Inclusive tech. transfer/education
❖ Freedom of choice, fit to talent/desire
❖ Quick result
Beginner’s Challenges

• What STI?
• Why STI?
• When STI?
• Where STI?
• Who?
• How?

In simple, concise/short, step-by-step in a summary (what & why)
What STI?

- Existing ones: different, complex
- Beginner → No one can teach others/wants to listen → STI Roadmap is very important
Why STI?

• Other choices?
• What does it return?
• When does it return?
• $1 \rightarrow X$?
When STI?

- Can wait? Country in short of resource, lot of other priorities
Where STI?

- Urban, rural, university, institute, enterprise
- Need for all parts or 1 part of National Dev. Plan
Who STI?

• Government or private?
• For what role? For how much?
• Always? Phase?
• Rich, poor, old, young, well-educated?
How STI? (1)

• Human resource?
  - Number, composition, level
  - Development – short term, long term, ToT, join

• R&D&I from ? to ... socio-economy result
  - Funding: Budget? Foundation – Types, sizes?
    Proportion for the 3 research types?
  - Equipment/facility: share?
  - Ecosystem, protection (IP), standardization? share?
  - Inclusive? Social Enterprise? Indigenous? Frontier? ...
How STI? (2)

• Institution
  o level? formulation? Organization/structure/branches?
  o Key legislations

• Social awareness and support
  o Library, museum, event, encouragement/award,
    .........

• Implementation: who is responsible? Who to involve? \(\rightarrow\) Action Plan?

• Monitoring and Evaluation? What if things go wrong?
Thank you very much!