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Workshop on STI for SDGs
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STI for SDGs and Online Platform

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STI Roadmaps and the Online Platform

- STI for SDGs is the process to transform knowledge into actual solutions.
- Now the stage is to take concrete action from discussion.
- We needs roadmaps as guides for this process, but for individual concrete actions sets of knowledge necessary: the online platform is expected to provide them.
- Thus, roadmaps and the online platform are to be thought as integral parts each other at the end of the day.

Conclusion of the STI forum

1. crosscutting potential of STI;
2. importance of capacity building;
3. importance of stakeholder engagement;
4. need to make the business case for private sector investment in innovation for the SDGs;
5. importance of roadmaps for tracking progress;
6. centrality of ICT infrastructure expansion to current development and STI efforts;
7. need to focus on match-making between existing problems and existing solutions; and
8. necessity for the STI Forum to conduct a "horizon-scanning" exercise on the changes happening in the STI field

Identified by Bill Colglazier, Co-Chair of the TFM 10-Member Group and will be reported to High Level Political Forum in July

Roadmaps in Different Phases

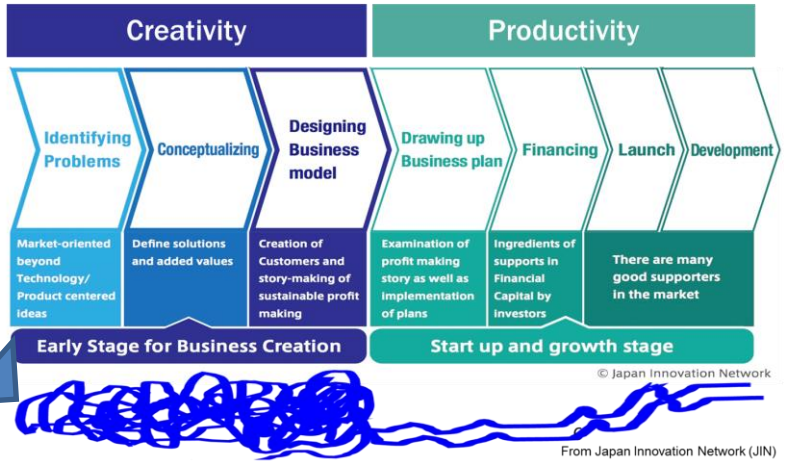
Connectional Roadmap:
-Necessary elements of procedures are shown
-Actually struggling but step forward

Online Platform expected

-Precise needs
-Knowledge (Technology, Business Model, Etc.)

Goal-aiming Roadmap
-Necessary elements to be really done are shown

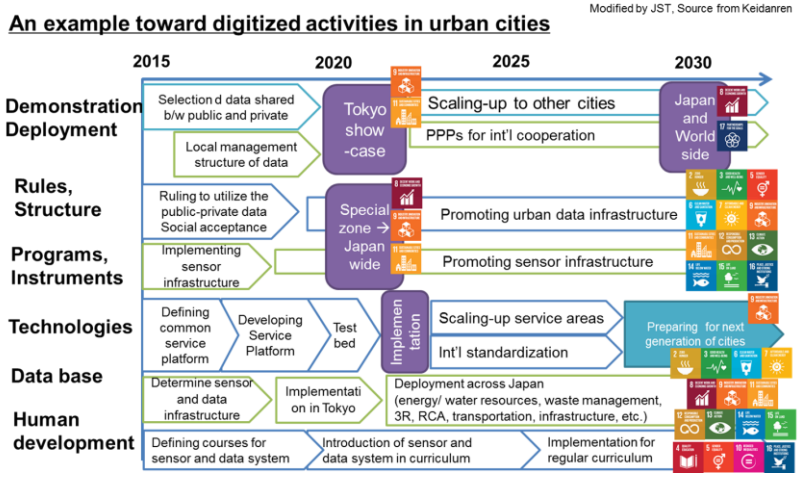
JIN's innovation acceleration process



From Japan Innovation Network (JIN)

Roadmap for Society 5.0

Modified by JST, Source from Keidanren



Solar Kiosk Service for Off-grid Areas

"WASSHA"
provides a new experience for people in off-grid areas with affordable, accessible and safe electricity through Solar Kiosks based on Digitalgrid technologies developed in the University of Tokyo.

By indicating social system which utilize mobile money and local kiosks, "Wassha" has been broadly accepted up to 800 locations and over 240,000 people in 2016. This project is highly recognized for its contribution to the regional education and economy. WASSHA received invitation to summer Davos meeting Idea's lab in 2014.

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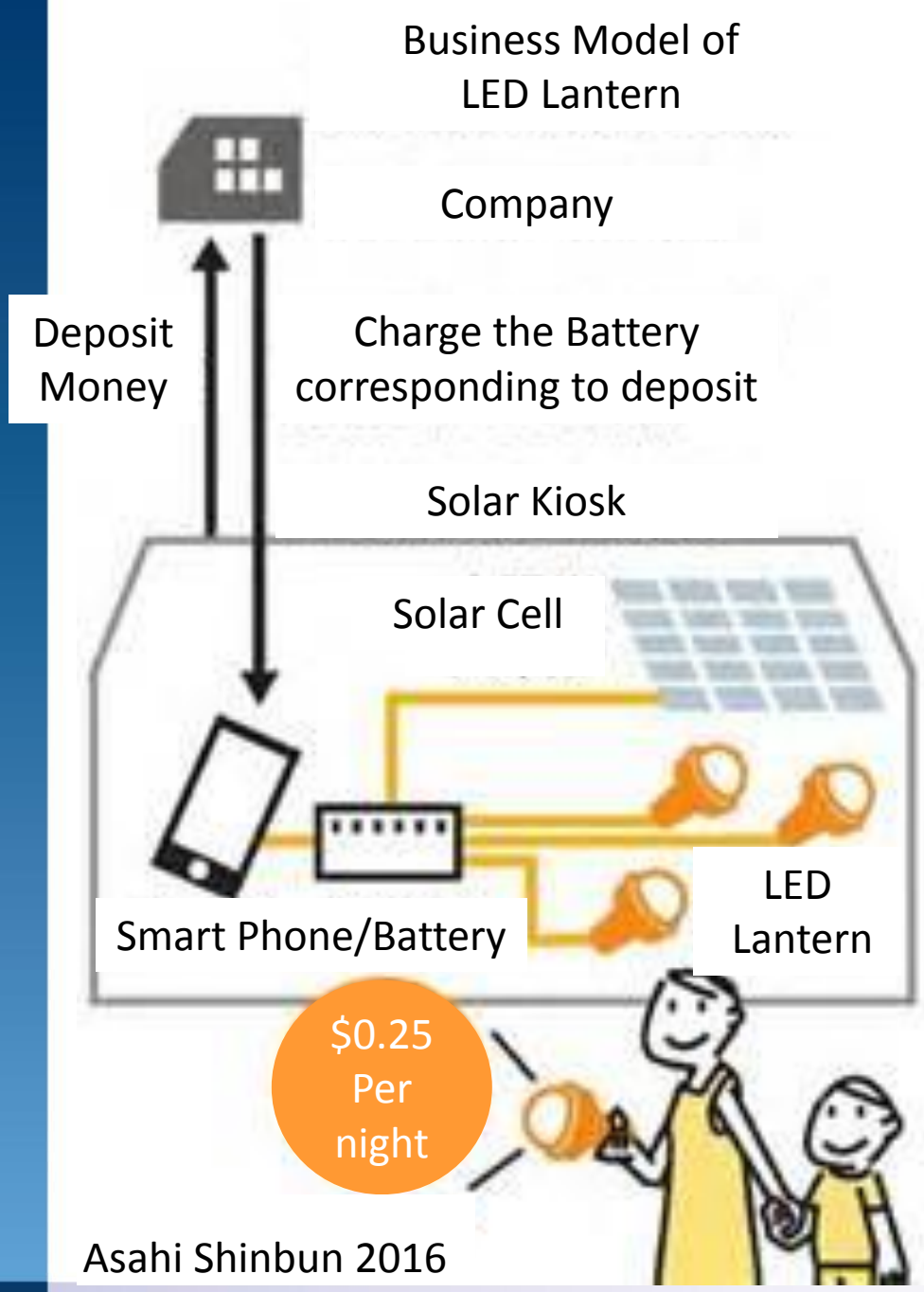


Necessary elements

- Sustainable business model with both cost recovery and user-friendly price setting

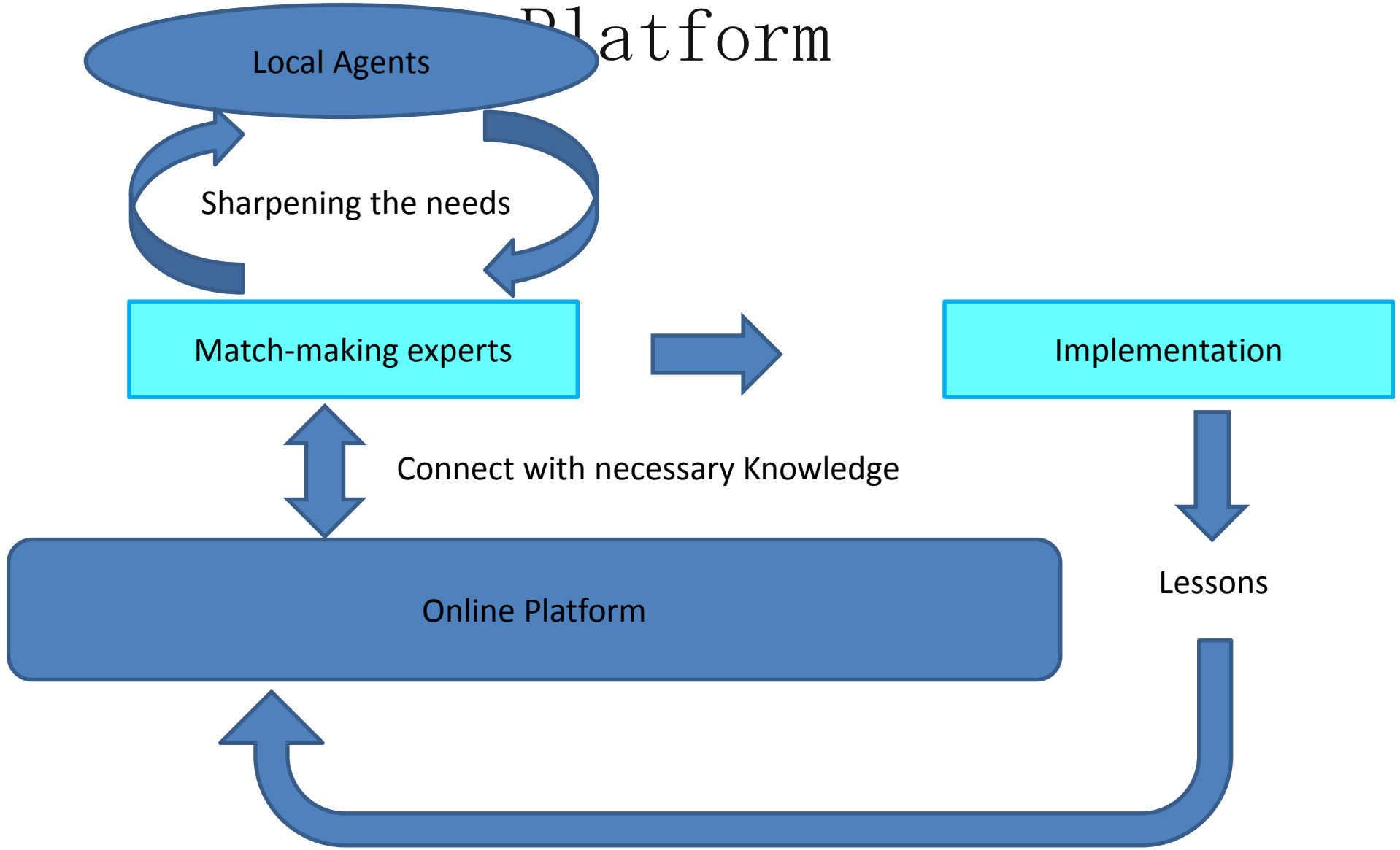
- Robust Solar Cell
- Smart phone based finance system
- Efficient battery
- Advanced LED

Key knowledge
-Various technology (soft and hard)
-Business model

Toward Establishing Online Platform

- Open for input and use: quality control needed
- Utilizing existing network and databases: ”network of networks”
- Connecting mechanism: match makers in house and external
- In addition to Knowledge, lessons learned through implementation should be accumulated: eco-system

Match-making with Online Platform



Summary: For quick establishment and best use of Online Platform

- Human commitment is essential.
  - Will and energy: existence of strong promoters
  - Match makers as “interpreters” of different “language”: needs should transform into technology meaning
  - AI may work after 2045?
- Sustainability: business model
- Encourage voluntary contributions of member countries etc. for making proto-type and/or actual Online Platform

Thank you very much indeed for your attention.