Working Group Exercise - Approach

PLANNING INTERNET OF THINGS (IoTs) NETWORKS

25 – 28 September 2018

Bandung - Indonesia

The Team Members

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IoT and Digital Society Goals

1. Food Security & Development of primary Industries of Central and Northern as focus area for the next 5 years. (Primary Industries: Agricultures, Logistics and Transport) and focus of Digital society:

- Nation-wide digital infrastructures
- Creating knowledge based economy
- Boosting the all economic sector (with focus on the primary sectors)
- Improving the environmental conditions using ICTs and developing Digital skills

2. To Rollout eGovernment services and wishes to do so to all citizens, even in the remote area of the country as part of vision 2021

3. To develop smart cities around the south Asiana

4. To monitor and improve environment (reduce pollution, etc,..)

5. Deployment of e-Services for Government and cross-sectoral deployment including collection of necessary information digitally & also to launch the
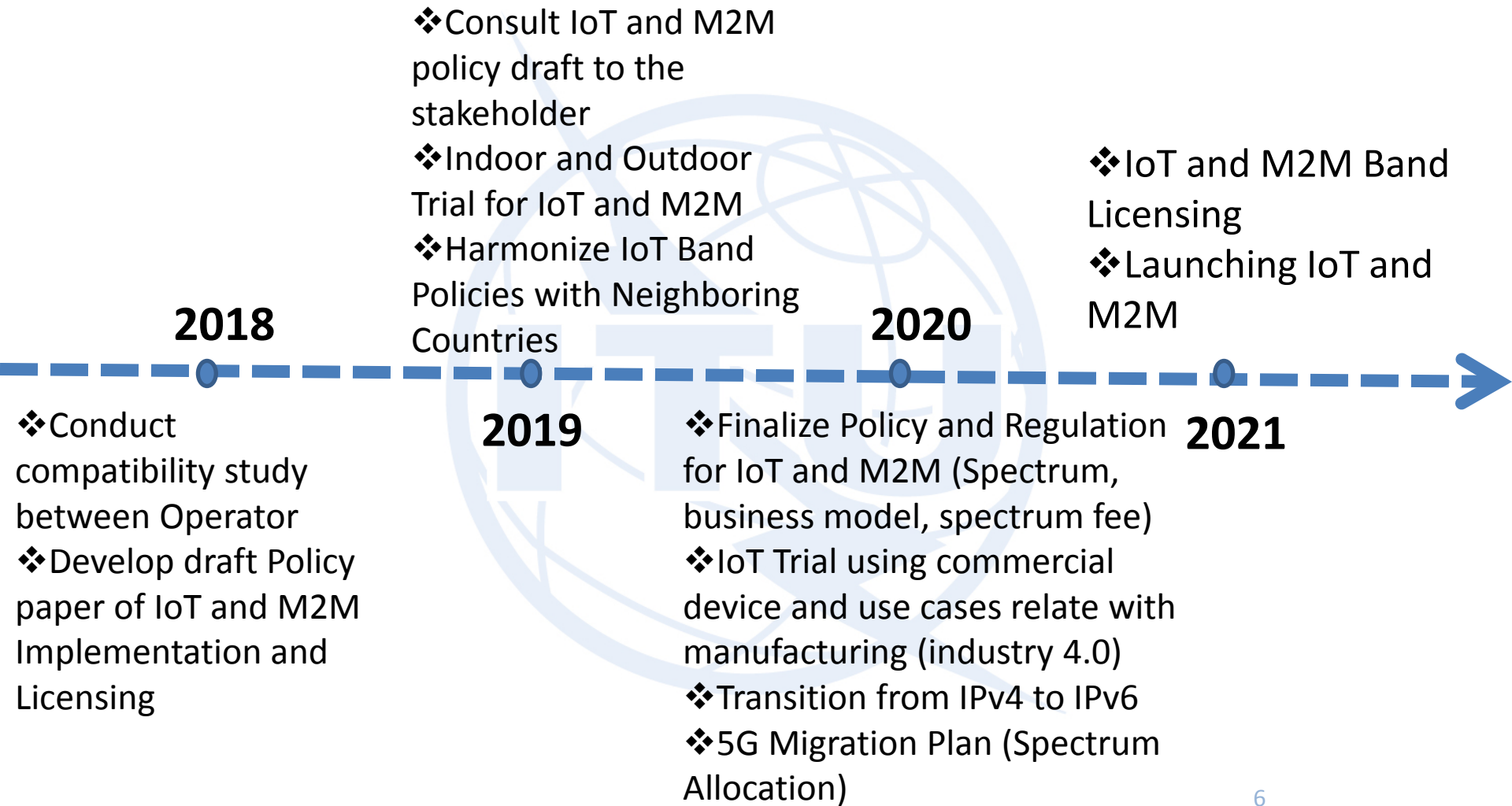
Expected outcomes of IoT

1. Policy digital data sharing (cloud)
2. 5G Spectrum allocation for telco operator
3. Regulation for IoT network interoperability between all operator
4. Policy for security and privacy
5. Government support to push infrastructure to all area
6. Human resources development program IoT services
7. Government to Government agreement to country privacy
8. Provide OTT (Over the top) regulation to government

Recommendations on IOT and M2M issues to the Government of Asiania with 2030 digital society program goals

- ❖ The Government to issue IoT technology with 3gpp and facilitate existing ecosystem with non 3gpp technology
- ❖ Government to subsidize infrastructure deployment, IoT developer
- ❖ Government to develop competency of digital industry and society
- ❖ To delegate Ministry of Information and Communication Technology and AICTA to coordinate digital society program goals
- ❖ Ministry of Information and Communication Technology and AICTA coordinate with other 11 ministries to achieve regulation goals

Timeline Activities and Action Plan for AICTA

2018

2019

2020

2021

❖Conduct compatibility study between Operator
❖Develop draft Policy paper of IoT and M2M Implementation and Licensing

❖Consult IoT and M2M policy draft to the stakeholder
❖Indoor and Outdoor Trial for IoT and M2M
❖Harmonize IoT Band Policies with Neighboring Countries

❖Finalize Policy and Regulation for IoT and M2M (Spectrum, business model, spectrum fee)
❖IoT Trial using commercial device and use cases relate with manufacturing (industry 4.0)
❖Transition from IPv4 to IPv6
❖5G Migration Plan (Spectrum Allocation)

❖IoT and M2M Band Licensing
❖Launching IoT and M2M

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Thank you