Working Group Exercise – Approach

Group F

PLANNING INTERNET OF THINGS (IoTs) NETWORKS

25 – 28 September 2018

Bandung - Indonesia

Asiania in terms of IoT and Digital Society

- Standarize & regulate ICT policy to optimize ICT implementation

- Integrated and Interoperability in e-government and telco platform

- Empower digital society

- ICT utilization to achieve GDP growth

IoT and Digital Society Goals (3-4)

1	• IoT for National e-Government Platform
2	• IoT for empower digital society
3	• IoT for economics acceleration

Expected outcomes (8-10) that deployment of IoT will bring about in Asiania

1. Appoint new PIC as dedicated Minister of ICT and have the authority to look after AICTA
2. Improved overall telecom networks in the country.
3. Optimum utilization cross-sectoral service (Govt/non-Govt) providers to interconnect
4. Protection of data and costumer
5. Lower license fees to attract business offering high quality network infrastructure
6. Refocus more to primary industry and leveraging by ICT technology
7. Solving the infrastruture gap by developing equal infrastructure across the country
8. Reduce the internet infrastructure gap between North and south area so the people at Northen area have the same opportunity to access wireless broadband internet
9. Encourage local developer to produce local applications and contents
10. Make a standardized for digital data storage and archieving regulation

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

- ❖ The Government to issue:
  - ❖ Dedicated Minister of ICT
  - ❖ More AICTA authorities
  - ❖ Solving infrastructure gap and wireless internet gap throughout the country
- ❖ Government to subsidise :
  - ❖ License spectrum fee
  - ❖ Local developers encouragement
  - ❖ Attractive remuneration to high quality technical and financial expert
- ❖ To delegate:
  - ❖ Ministry of Finance and Ministry of Labour and human Resources make standardization salary policy for every technical or non technical job and encourage young citizen to focus working on primary industry
  - ❖ Ministry of ICT and AICTA collaborate together to change regulation and socializing the urgency of migrating to IPV6 to mobile operator
  - ❖ Ministry of ICT make IT Governance regulation for every minister and another government institution
  - ❖ Ministry of ICT initiated collaboration between government and private organization so that their deployed IoT become integrated into National e-Government Platform

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

- ❖ Regulator should :
    - ❖ Spectrum Roadmapping
    - ❖ Encourage government and non-government entitites (cross-sectoral services) to interoperate their ICT platform
    - ❖ To ensure sustainability, competitiveness and transparency among the service providers, customers and shareholders
    - ❖ Development of Costumer Protection System
    - ❖ Leveraging the business of primary industries by ICT technology
    - ❖ Adopt new watch policy on Over-The-Top Issues
    - ❖ Setting up discussion with all IT, Telecom and Consumer Pretection Agency stakeholder how to overcome the raised of net-neutrality issue
    - ❖ Form sets of rules of data protection and privacy

Prepare a chart with action plan for AICTA until 2020

2018
- Dedicated Minister of ICT and more AICTA authorities
- IT Governance regulation for every minister and another government and privateinstitution

2019
- Execution of new regulation related to infrastructure, spectrum license fee, standardized salary policy

2020
- Encourage all Public and Private sectors to utilized IoT in order to expand their business
- Data Synchronization between Government and Private Organization

2021
- Integrated IoT Implementation

Thank you