



# **Working Group Exercise - Approach Group B**

**PLANNING INTERNET OF THINGS (IoT)  
NETWORKS**

**25 – 28 September 2018**

**Bandung - Indonesia**



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# Working Group Exercise

Prepare a set of goals (3-4) for Asia in terms of IoT and Digital Society. Envision a set of expected outcomes (8-10) that deployment of IoT will bring about in Asia (e.g. It will make information available in real time, it will improve sharing of data....). Please keep in mind that expected outcomes need to be linked with goals.

Provide recommendations on IOT and M2M issues to the Government of Asia with 2030 digital society program goals in mind.

Prepare a chart with action plan for AICTA until 2020.



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# IoT and Digital Society Goals (3-4)

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- IoT for Agriculture and Food Securities

2

- IoT for Logistics and Transport

3

- IoT for Tourism

4

- IoT for E-Gov

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

- ❖ High Quality Nation Wide Digital Infrastructure
- ❖ Regulation of Open Data initiatives
- ❖ framework for licensed, shared licensed, unlicensed spectrum for particular IoT services
- ❖ governance apps and synchronize with digital data that has been produce between governance entities
- ❖ Improvement of Citizen ICT literacy
- ❖ Asiana become an attractive investment destination
- ❖ Optimum utilization frequency spectrum
- ❖ Protection of user/business data

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

- ❖ The Government to issue E-Gov application
- ❖ ICT Infrastructure Development Focus in Central and North Area
- ❖ Benefit to company who build infrastructure in central or north area
- ❖ Regulator should control the implementation of regulation

2018

## Action plan for AICTA 2018

- study and create draft national guidelines for 5G in three bands
- create framework for licensed, shared licensed, unlicensed spectrum
- create a IPv6 implementation regulation
- Developing infrastructure in Central and Northern Area
- Create classification of data
- create framework for interoperability data
- create governance apps and synchronize with digital data
- Improve IoT competency through IoT Training

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## Action plan for AICTA 2019

2019

- Implement and established national 5G guidelines that included framework for IoT services
- implement IPv6 (If a provider using IPv6 will get a tax incentive or low interest loan)
- increase consumer awareness through seminars, socialization and exhibitions
- Create IoT services and platform for primary sectors

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## Action plan for AICTA 2020

2020

- Implement and established national 5G guidelines that included framework for IoT services
- implement IPv6 (If a provider using IPv6 will get a tax incentive or low interest loan)
- increase consumer awareness through seminars, socialization and exhibitions
- Create IoT services and platform for primary sectors



# Action plan for AICTA 2021

2021

- Implement and established national 5G guidelines that included framework for IoT services
- implement IPv6 (If a provider using IPv6 will get a tax incentive or low interest loan)
- increase consumer awareness through seminars, socialization and exhibitions
- Create IoT services and platform for primary sectors
- Monitor each services, evaluate, and adaptation for new paradigm of IoT lera
- harness the law enforcement for every violation of user for every services

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**Thank you**