



Utilization of Mobile Phone Big Data for Transport Sector in Myanmar

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Current Situation of Mobile Phone Big Data acquisition from Telecommunication companies

- ❖ MOTC has issued (198) operating licenses for various telecoms services, including (4) Nationwide Telecommunications Licences for (4) operator companies such as MPT, Telenor, Ooredoo and Mytel.
- ❖ Mobile Big Data acquisition from telecommunication companies cannot be undertaken currently in Myanmar.
- ❖ YTU and JICA conducted Joint research for the NZEN Project in SATREPS.

Current Situation of Personal Data Protection Act



MYANMAR

Currently, there is no general personal data protection law in Myanmar. Personal data protection however is sparsely regulated in several laws such as:

- Law Protecting the Privacy and Security of Citizens (Union Parliament Law 5/2017) (“**PPSC Law 2017**”) – applies to citizens of Myanmar and any person who commits unlawful acts, under section 8, to any citizen of Myanmar.
- Electronic Transactions Law 2004 to be read together with Pyudaungsu Hluttaw Law No.6/2014 (“**ET Law 2004**”) – applies to any person who commits an offence within Myanmar or from Myanmar to outside Myanmar, or from outside Myanmar to Myanmar via electronic transaction technology.

Penalties include:

- PPSC Law 2017: imprisonment for a minimum period of 6 months and up to 3 years.
- ET Law 2004: up to 5 years imprisonment.

Source: ASEAN Insider Series: Personal Data Protection in ASEAN

❖ Law Protecting the Privacy and Security of the Citizens (2017)

“No one shall demand or obtain personal telephonic and electronic communications data from telecommunication operators.” (Chapter IV: Paragraph (8): Prohibitions (d))

❖ The Telecommunications Law (2013)

The Service Licensee shall maintain securely the information and contents that are transmitted or received through his Telecommunications Service and confidential personal information of each individual users, and shall not disclose and inform to irrelevant person except where allowed in accord with the existing laws. (Chapter V: Responsibilities of Licensee: Paragraph (17))

Issues and barriers for Mobile Phone big data analyzing on Transport Planning

- ❖ The several existing laws such as The Telecommunication Law & Law Protecting the Privacy and Security of the Citizens
- ❖ Lack of clear rules on what “personal Data” is or what controls there should be on its use.
- ❖ Firms are wishing to enhance their service offering or improve customer services through third party partnerships that are unclear when and how they can share customer data. This uncertainty leads business risk.
- ❖ Data Protection policies adopted voluntarily by a firm today may not be sufficient under a future regulation and this may discourage investment and innovation.
- ❖ Lack of quality and quantity of Human Resources for Big Data analyzing on Transport Planning.

Future Expectation for Mobile Phone big data

- ❖ **Drafting the Cyber Legal Framework and a comprehensive Cyber Law with the assistance of World Bank**
- ❖ **Knowledge sharing Program for the public transport development by utilizing MBD in operational and managerial levels supported by DPs**
- ❖ **Training on Technical Knowhows, Innovations and practices for MBD analyzing in transport sector**

Thank you very much for your kind attention.