

Asian ICT Indicators Database

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Existing Efforts

- ❑ ASEAN CONNECT – ASEAN Digital Divide Database
 - http://www.aseanconnect.gov.my/d_database/d_database.php
- ❑ ITU - World Telecommunication Indicators Database
 - <http://www.itu.int/ITU-D/ict/publications/world/world.html>
- ❑ Partnership on Measuring ICT for Development
 - <http://data.un.org>

Existing Efforts - Partnership on Measuring ICT for Development

- ❑ Started in 2004
- ❑ Recently initiated efforts to develop database resources
- ❑ Data is compiled by different sources:
 - Eurostat
 - ITU
 - OECD
 - UNCTAD
 - UNESCO

Existing Efforts - Problems

- ❑ Time delays b/w reporting and access to data
 - ITU data is more than a year old
- ❑ Intermediaries
 - Standardization of data exchange format has yet to be resolved
- ❑ No incentives for reporting
 - It is a passive process
 - The accuracy of the data is questionable
- ❑ *Partnership on Measuring ICT for Development model:*



A regional solution perhaps?

□ Asian ICT Indicators Database

- Prototype: <http://www.ictindicators.org>

□ Advantages:

- Instantaneous access after reporting
- Incentives for contributing data
 - Timely access to regional data.
- Very small administrative and logistical footprint
- Based on an existing successful model – AAUDE
 - <http://www.pb.uillinois.edu/AAUDE/>

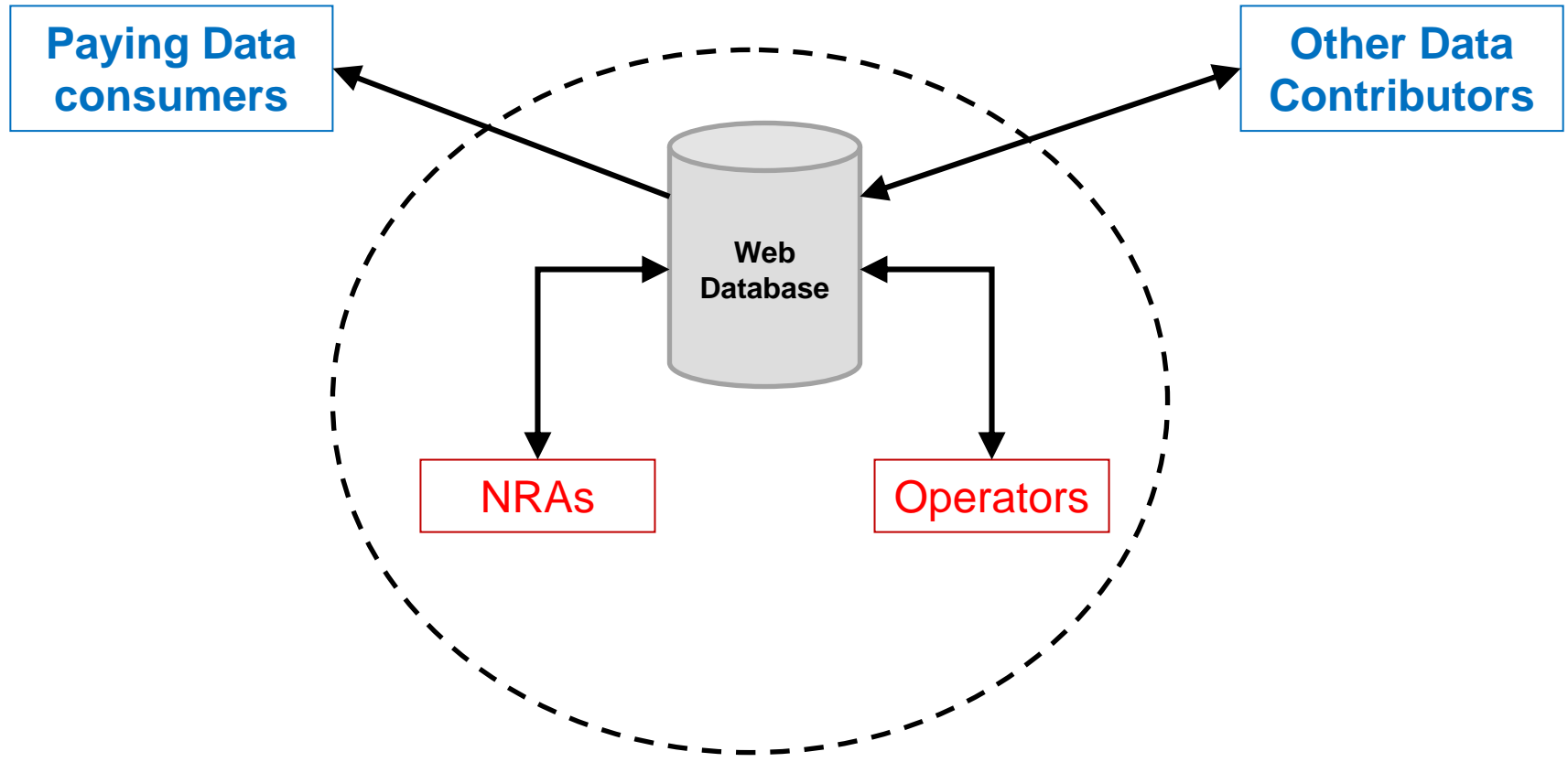
Why participate?

- Regulators see value in:
 - Accurate & timely comparative statistics for monitoring & improving sector performances
- Operators see value in:
 - Accurate & timely comparative statistics for business gain & benchmarking
- Importantly:
 - ***Regional regulators have control over this initiative.***

Asian ICT Indicators Database – Main Features

- ❑ Password protected access for each member
- ❑ Tiered access levels for members for each indicator
 - Contributors get access to the latest comparative data
 - Delay in reporting limits access to the latest comparative data
 - Access to only historic data for others (and late contributors)
- ❑ Multi-functional query tools
- ❑ Future:
 - Automatic report generation
- ❑ *Importantly: is customizable!*

Asian ICT Indicators Organization Model



Asian ICT Indicators Organization Model - Governance

□ Members' council:

- Consists of participating organizations (NRAs and operators)
- Provides overall strategic guidance
- Chairmanship is rotated amongst participating NRAs

□ Administrative Unit

- Implements the strategy & policies determined by the members' council
- Supports continuity and technical coordination amongst members and any potential external groups.
- Drawn from participating NRAs
 - Minimum time involvement (collectively less than 1-2 man days per month)
- Initially carried out by an administrative partner such as *LIRNEasia*

Asian ICT Indicators Partnership Model – Database Operation

- ❑ Each NRA nominates a point person for contributing data
- ❑ Dedicated *guardian* for each indicator
 - A representative from one of the members
 - Ensures the timeliness & the accuracy of data reported by members for a specific indicator
 - Coordinates amongst members & external groups on indicator specific issues
 - Over time, becomes a subject expert on that specific indicator.

Asian ICT Indicators Partnership Model – Funding

- ❑ Find startup seed money via donor agencies
 - Fund first meeting
 - Initial database development
 - Prototype has already been built.
 - Initial training workshops
- ❑ Members contribute minimal funding for overhead costs
- ❑ Members contribute in kind by:
 - Rotating responsibility for organizing & hosting periodic workshops
 - Hosting the database and providing IT support
 - Providing an indicator *guardian*

Asian ICT Indicators Database – Tour

- ❑ Prototype built by LIRNEasia
- ❑ <http://www.ictindicators.org>

Database Usernames/ Passwords

Username	Password
demoAfghanistan	123
demoBangladesh	123
demoBhutan	123
demoMaldives	123
demoNepal	123
demoPakistan	123
demoSriLanka	123

URL : www.ictindicators.org

Organizational Model - Specifics

Official Members	<ul style="list-style-type: none">•NRAs,•Operators
Member Rights	<ul style="list-style-type: none">•NRAs – decides strategy & policy•Operators – informs the strategy process
External groups	<ul style="list-style-type: none">•Research Organizations•Private sector Companies•Others•Public
Access charge	<ul style="list-style-type: none">•NRAs – no charge for data contributors•Operators – no charge for data contributors•Other data contributors – No charge•All others – Annual fee for access

Organizational Model – Specifics (contd.)

Who can contribute data	<ul style="list-style-type: none">•Any authorized party
Level of viewing access	<ul style="list-style-type: none">•Data contributors – access to all data•Paying customers – access to all data•Public – historical data
Penalty for not contributing	<ul style="list-style-type: none">•Delay in contributing data results in limited viewing access to latest comparative data