



Indonesia: How to Process Data Collection

Paris, 22 November 2019



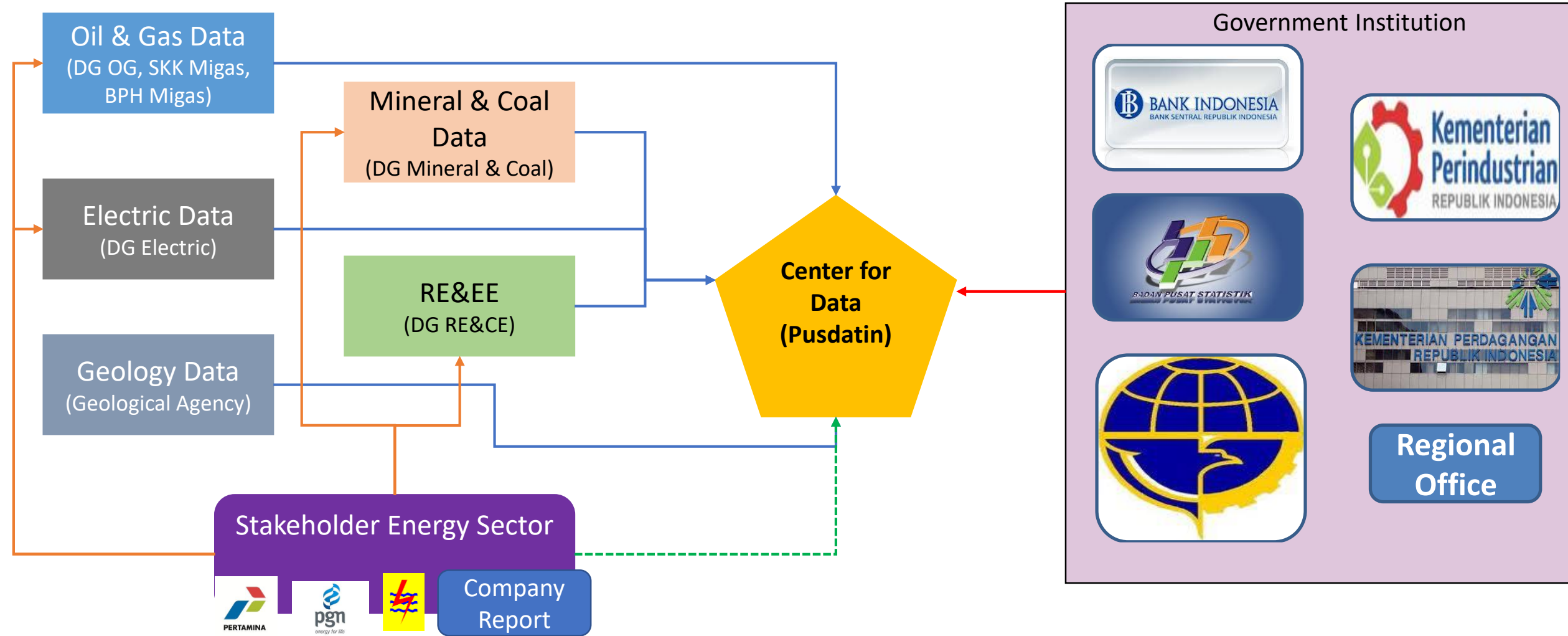
**Ministry of Energy and Mineral Resources
Republic of Indonesia**

Outline

1. Flow Data Collection
2. Data Validation Process
3. Publication



1. Flow Data Collection

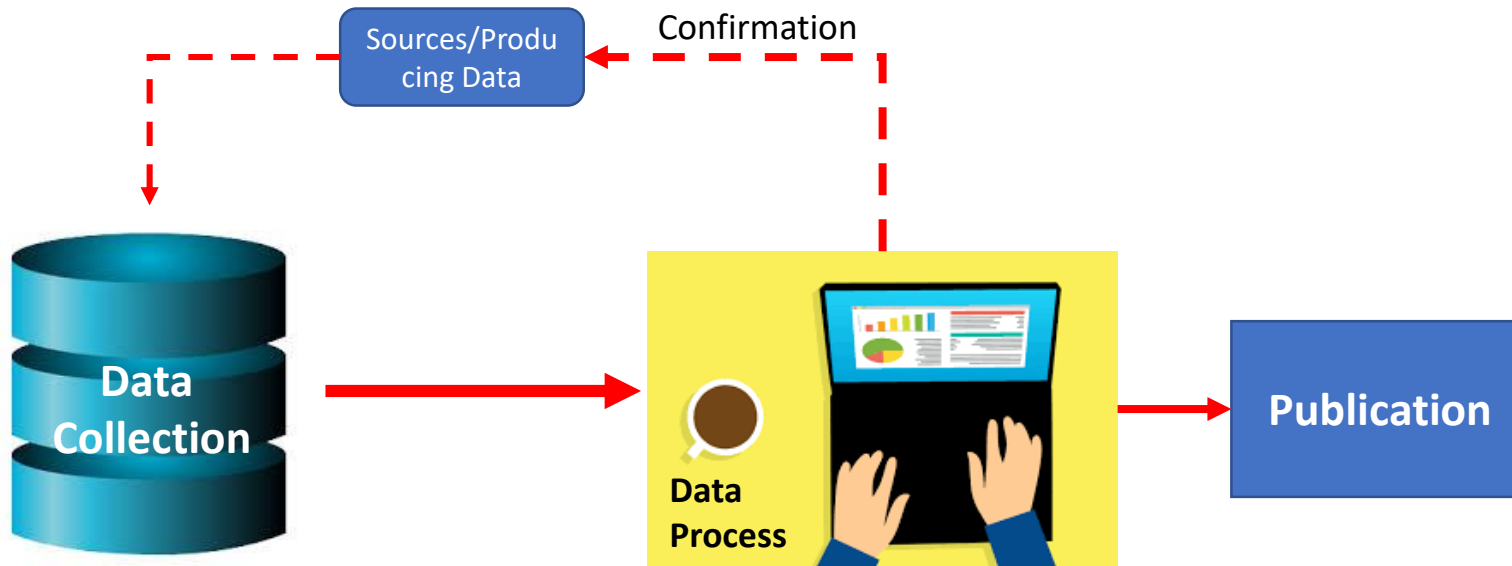


1a. Data Information

Upstream Data	Downstream Data	Macro Economic
Oil and Gas: Reserve, Production, Export, Import	Oil and Gas: Production, Export, Import, Sales, Prices	GDP, Population, Number of household, Number of vehicle
Mineral and Coal: Reserve, Production, Export, Import	Mineral and Coal: Domestic Sales, Prices	
Electricity: Install Capacity, Production	Electricity: Domestic Sales	
Renewable Energy: Reserve & Potential, Production	Renewable Energy: Domestic Sales, Prices	



2. Data Validation Process



Data Validation:

1. Trend / Visual Check
2. Balance Check

To ensure this process run well:

1. Designate PIC data
2. Form a data forum



2b. To enhance data quality?

Cooperation with energy agency:

- ❖ International Energy Agency (IEA)
For cooperation with the IEA in the joint work program corridor, one of the points is to increase energy statistics.
- ❖ Asia Pacific Energy Research Center (APERC)
Conduct an energy workshop → 26 – 30 November 2019



3. Publication Data

❖ Handbook of Energy and Economic Statistics of Indonesia (HEESI)

<https://www.esdm.go.id/id/publikasi/handbook-of-energy-economic-statistics-of-indonesia-heesi>

❖ Data and Information Energy Conservation

<http://ebtke.esdm.go.id/post/2019/07/11/2280/data.information.of.energy.conservation.2018.2nd.edition>

❖ Analysis

- Supply demand energy
- Forecast energy demand

<https://www.den.go.id/index.php/publikasi/index/EnergyOutlook>



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