



Republic of the Philippines

17th APEC Workshop on Energy Statistics
11-13 June 2019, Hotel Sunroute Ariake
Tokyo, Japan

NATURAL GAS FLOW AND DATA COLLECTION SYSTEM IN THE PHILIPPINES

ANITA R. CAPATE
Natural Gas Management Division
Philippine Department of Energy





MALAMAYA NATURAL GAS FLOW

UPSTREAM

DOWNSTREAM





MODE OF DATA COLLECTION

- Manual collection from hard copy submissions
- Interview or verbal acquisition
- Electronic submission



DATA PROCESSING/ORGANIZATION

- Using Excel Spreadsheets (production, consumption, etc)
- Encoding from hard copy submission
- Developed own system for data organization

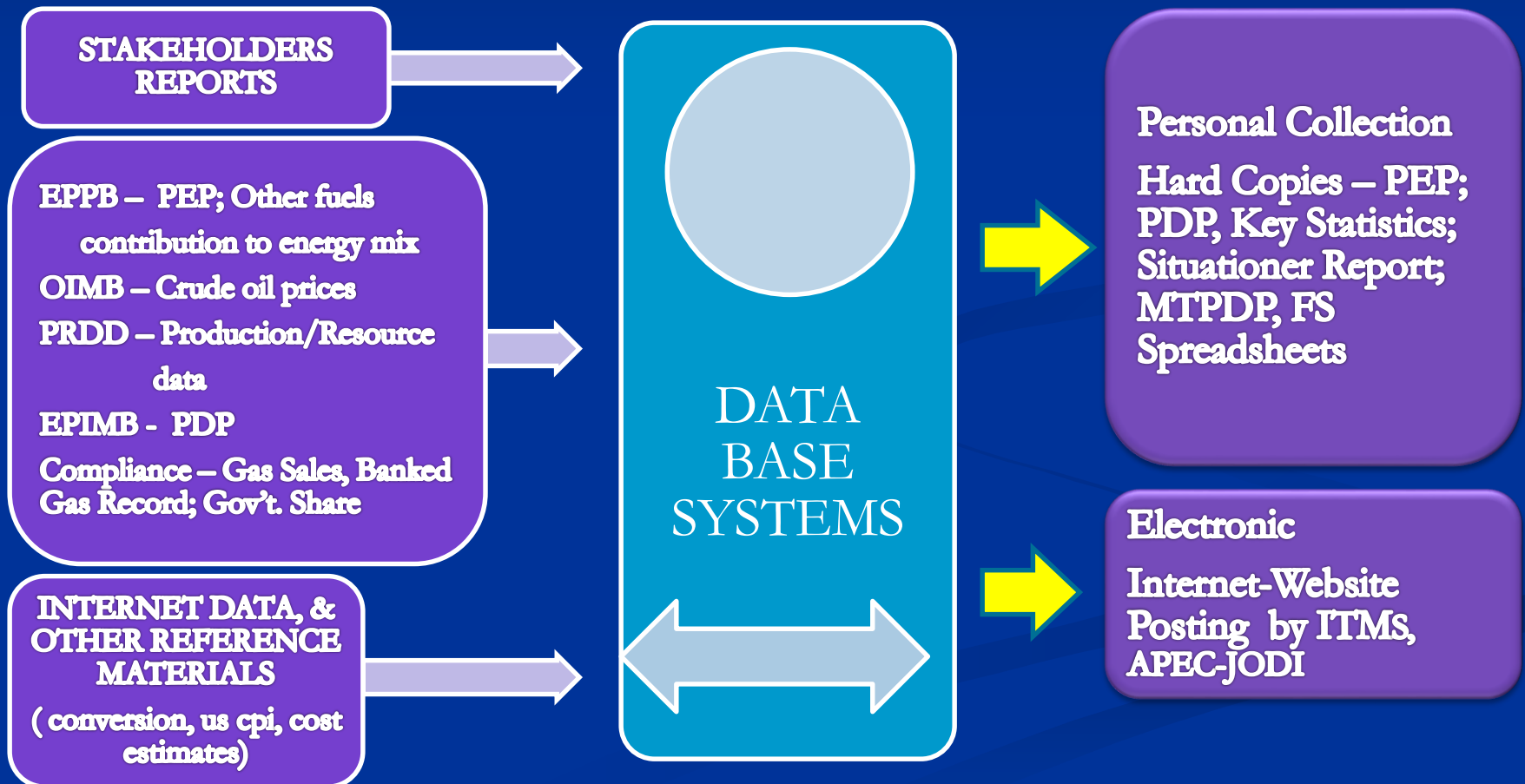


NATURAL GAS DATA FLOW

DATA SOURCES

PROCESS

DISSEMINATION





Gas Value Chain- Industry Interaction

- Gas Supplier – SC 38 (Malampaya gasfied), PNOC –Bank Gas
- Facility Operators – NPC for NGRF; KEPCO for Ilijan Power Plant; First Gas for Sta. Rita/San Lorenzo/San Gabriel/Avion; Shell for Refinery.
- End Users /Industry Stakeholders - General Public, Academe, Legal & Technical researchers, Other Government Agencies; APEC-JODI.



Natural Gas Data and Information Profile

- Industry Situationer – midyear/year-end
- Spreadsheets on the following Natural Gas Data
 1. **Consumption/Utilization per Sector**
 - > Power Sector (historical data from 1994–present)
 - > Industrial Sector (historical data from 2005–present)
 2. **Production**
 - > San Antonio (historical data from 1994– 2008)
 - > Malampaya gas & condensate production (historical data from 2001 – present)



inputs to international cooperation; project proposals

Energy Family

NPC,PNOC,PSALM,TRANSCO

- Plans and programs (PEP); energy policies – bank gas, take or pay; collaborative activities;

GENERAL PUBLIC

- prices, government share or royalty, natural gas projects' benefit, Feasibility studies

ENERGY STAKEHOLDERS

Foreign & local investors

Academe

Consultants/researchers

Other government Agencies

NEDA, DFA, BOI, JODI-Gas

-Natural gas outlook, pricing, plans & programs , laws and issuances, procedures and permitting requirements
- Technologies, technical data, Feasibility studies
-Permitting requirements, laws and issuances
-Procedure in doing business on natural gas, Development Plans, Incentives, Project Financing, Gas Statistics



Organizational Overview

Linkages with Other DOE Units

Energy Policy & Planning Bureau (EPPB)

- Energy Mix, Generation Mix, Energy Plan, HECS, Project Proposals

ERDB - Energy Resource Development Bureau

- Natural gas supply/production and other resource data; Service Contracts (GSPA)

IPO— Investment Promotion Office - IEC

- Programs; investment/investor's concerns, DTI & BOI interactions, DFA concerns



Linkages continued....

CWPO/HRMD – Customer Welfare Promotion Office/Human Resource Management Division

Assistance to Academe and general public on requests for technical data & information; Customer assistance, On-the –Job Training

EPIMB- Electricity Power Industry Management Bureau

Power Development Plan, Generation Mix

OIMB/OICMD – Oil Industry Management Bureau

Crude Oil Prices

Financial Services/Compliance Division

Banked Gas Data; Natural Gas Sales



THANK YOU