

---

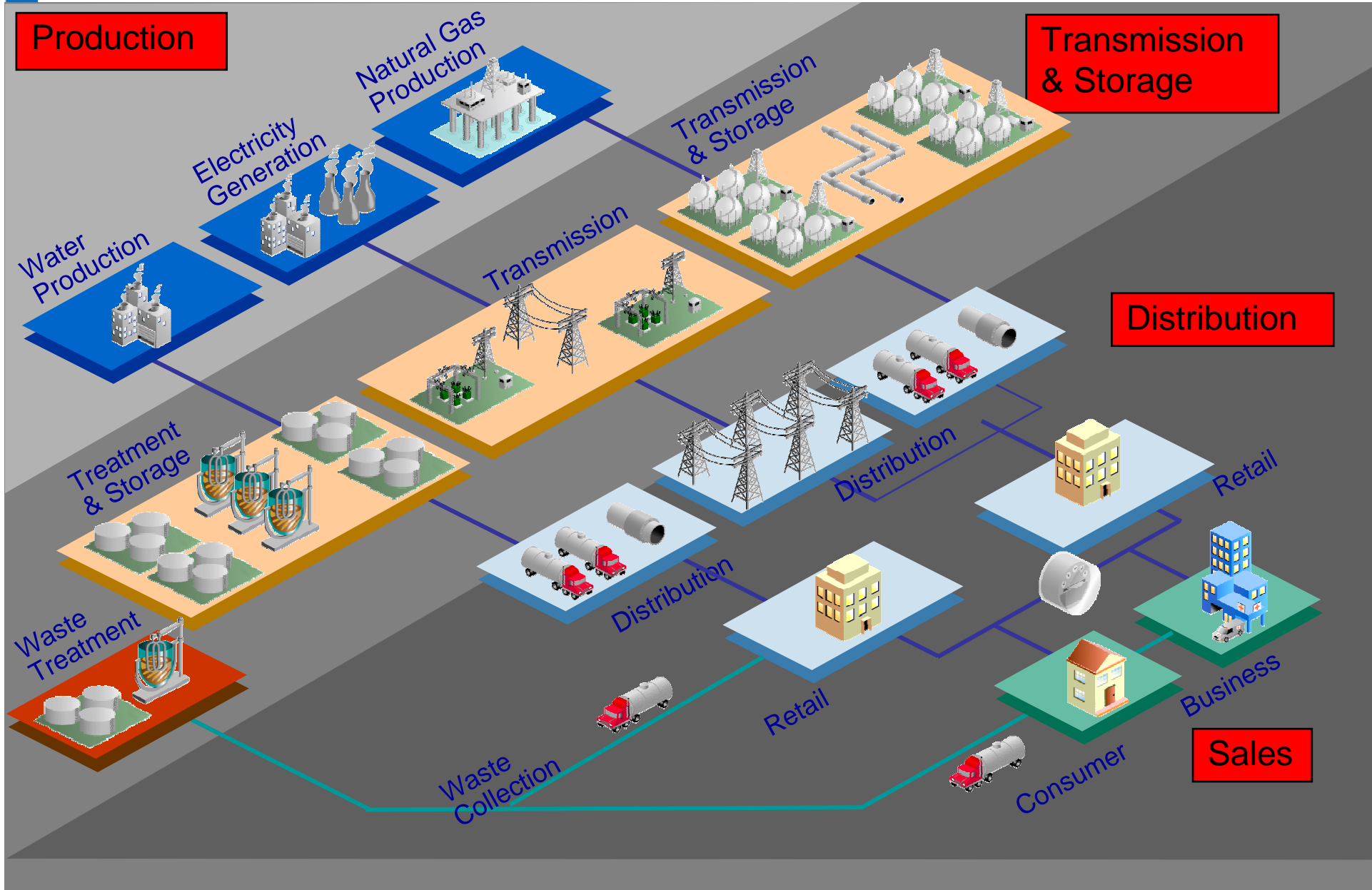
# ENERGY SUPPLY CHAIN ISSUES



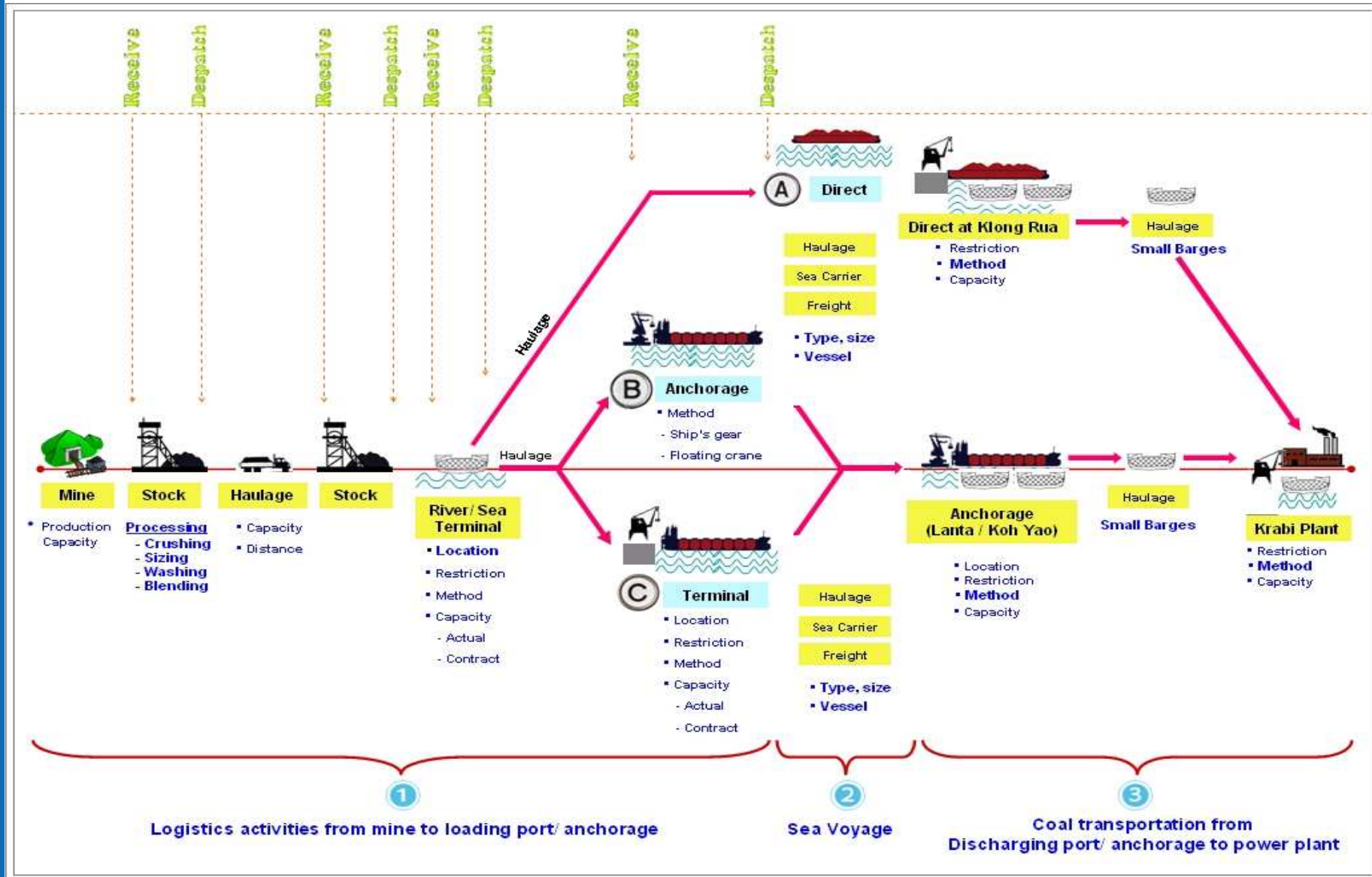
Ruth Banomyong (PhD)  
Head, Dept. of International Business, Logistics & Transport  
[ruth@banomyong.com](mailto:ruth@banomyong.com)

---

# THE GENERIC UTILITY SUPPLY CHAIN



# Inbound Supply Chain: Before production



# Greater Mekong Subregion (GMS)

2015

-  Roads
-  Telecommunications
-  Power Transmission Line



# ASEAN Plan of Action for Energy Cooperation 2010-2015 (APAEC)



The specific objective of APAEC 2010-2015 is to enhance energy security, accessibility and sustainability for the ASEAN region with due consideration to health, safety and environment through accelerated implementation of action plans, including, but not limited to:

- ASEAN Power Grid
- Trans-ASEAN Gas Pipeline
- Coal and Clean Coal Technology
- Renewable Energy
- Energy Efficiency and Conservation
- Regional Energy Policy and Planning
- Civilian Nuclear Energy

# Energy Supply Chain Issues



## – Transportation and Distribution

- Supply Chain Network Configuration and redesign, including location of production , storage, and distribution sites
- Sufficiency and reliability of transport, handling equipment, and distribution system
- Modal choice selection and transport promotion

## – Inbound Logistics

- Exploration of natural resource
- Ensuring security of supply to cope with energy scarcity

## – Management issues

- Improvement of supply chain efficiency and new production technologies
- Balancing demand and supply, including policy to storage input and output and inventory policy
- Liberalization of market access of goods and services
- Environmental issues