



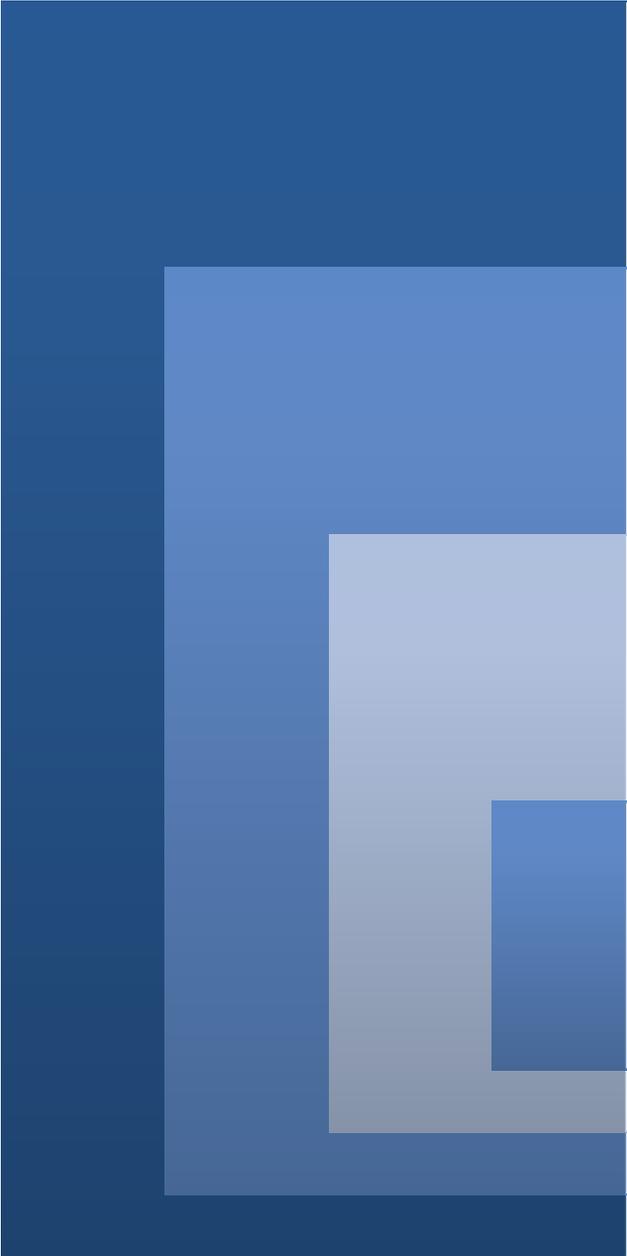
DEPARTMENT OF ENERGY PHILIPPINES

Philippine Future Fuel Mix Policy

MARIO C. MARASIGAN, *CESO III*

OIC Assistant Secretary
& Director (concurrent), Renewable Energy Management Bureau
Department of Energy,

OUTLINE OF PRESENTATION



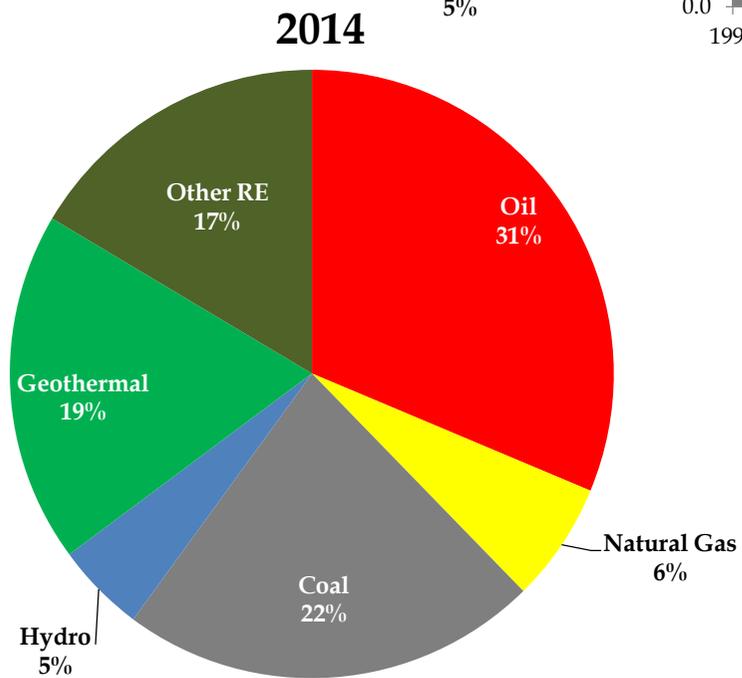
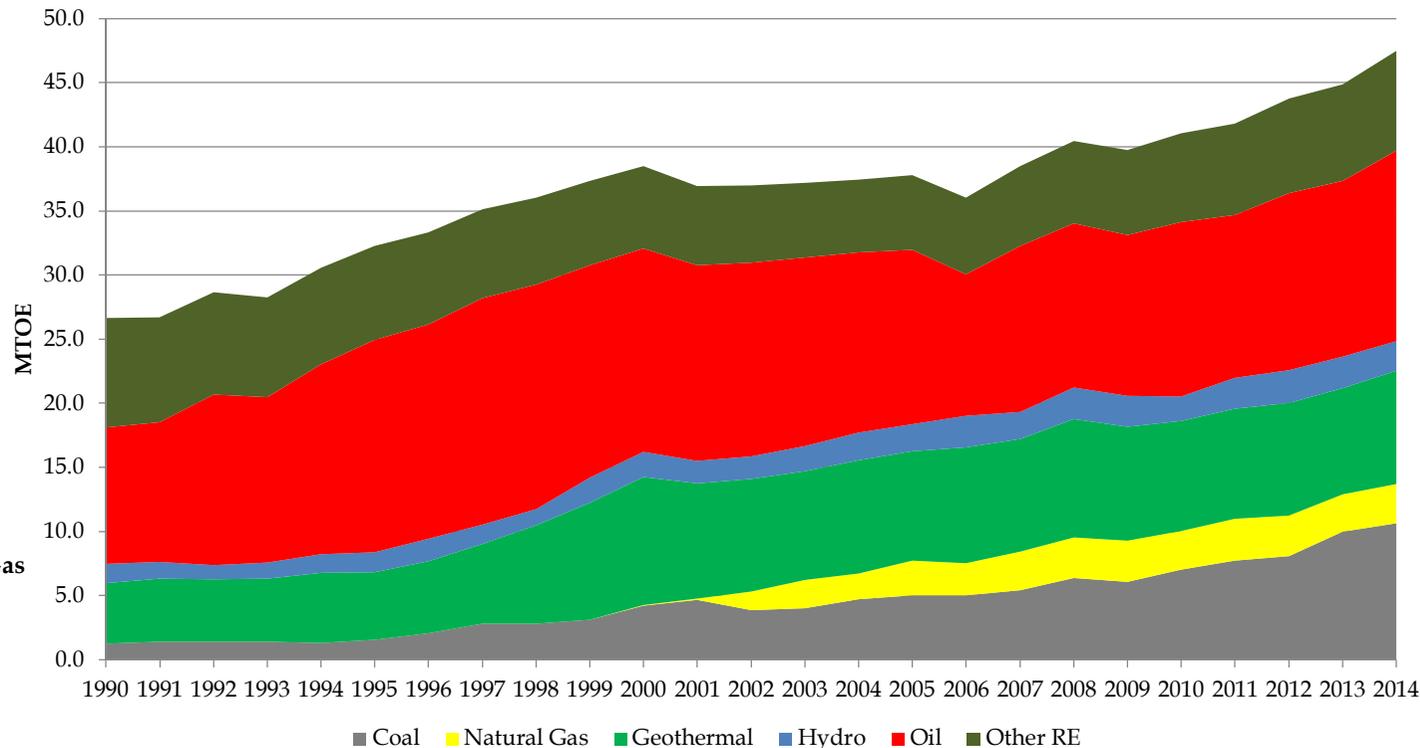
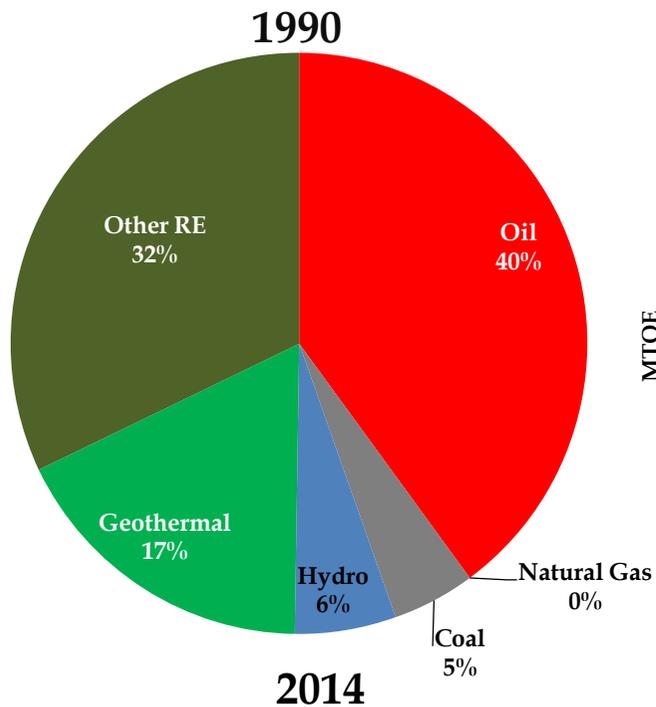
Primary Energy Demand

Power Generation Mix

**Development Challenges and Actions
Needed**

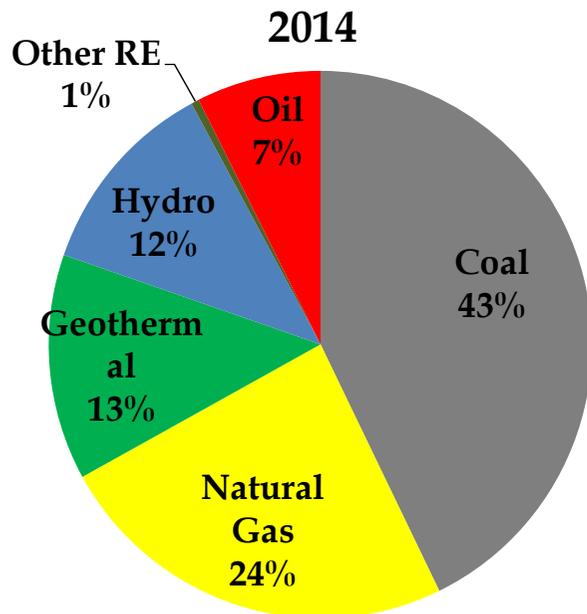
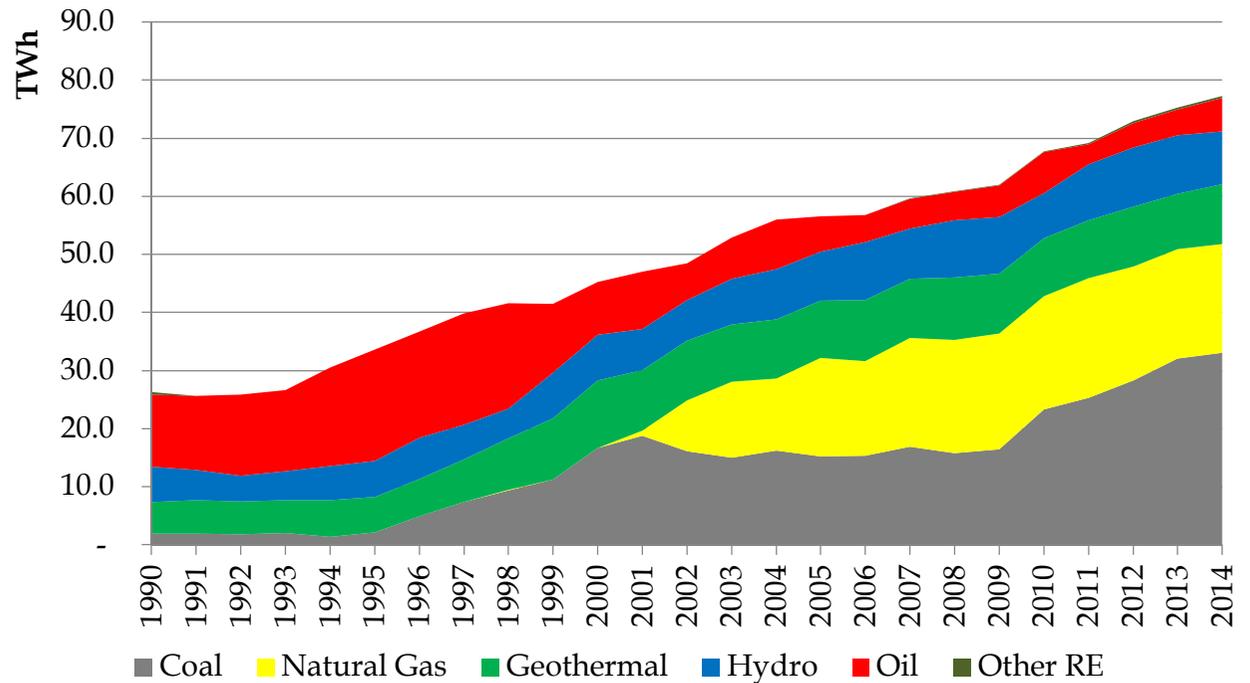
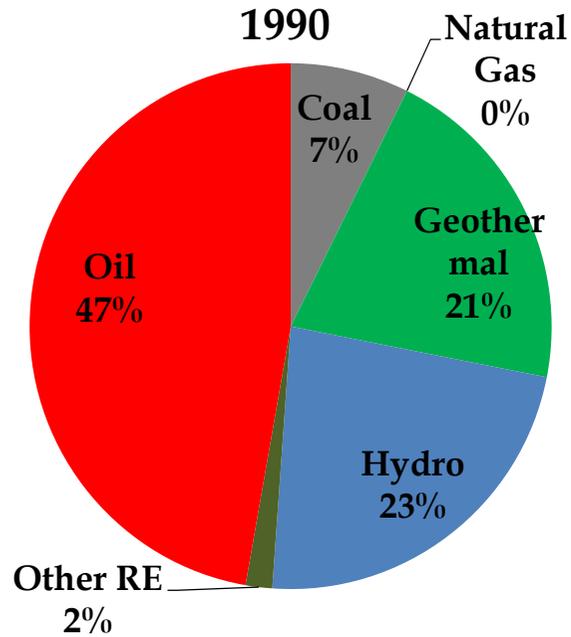
Policy Thrusts

Primary Energy Mix



	1990 (MTOE)	% Share	2014 (MTOE)	% Share
Coal	1.2	4.7	10.6	22.4
Natural Gas	-	-	3.0	6.4
Geothermal	4.7	17.6	8.9	18.7
Hydro	1.5	5.7	2.3	4.8
Oil	10.6	39.9	14.9	31.3
Other RE	8.6	32.1	7.8	16.5
TOTAL	26.7	100	47.5	100

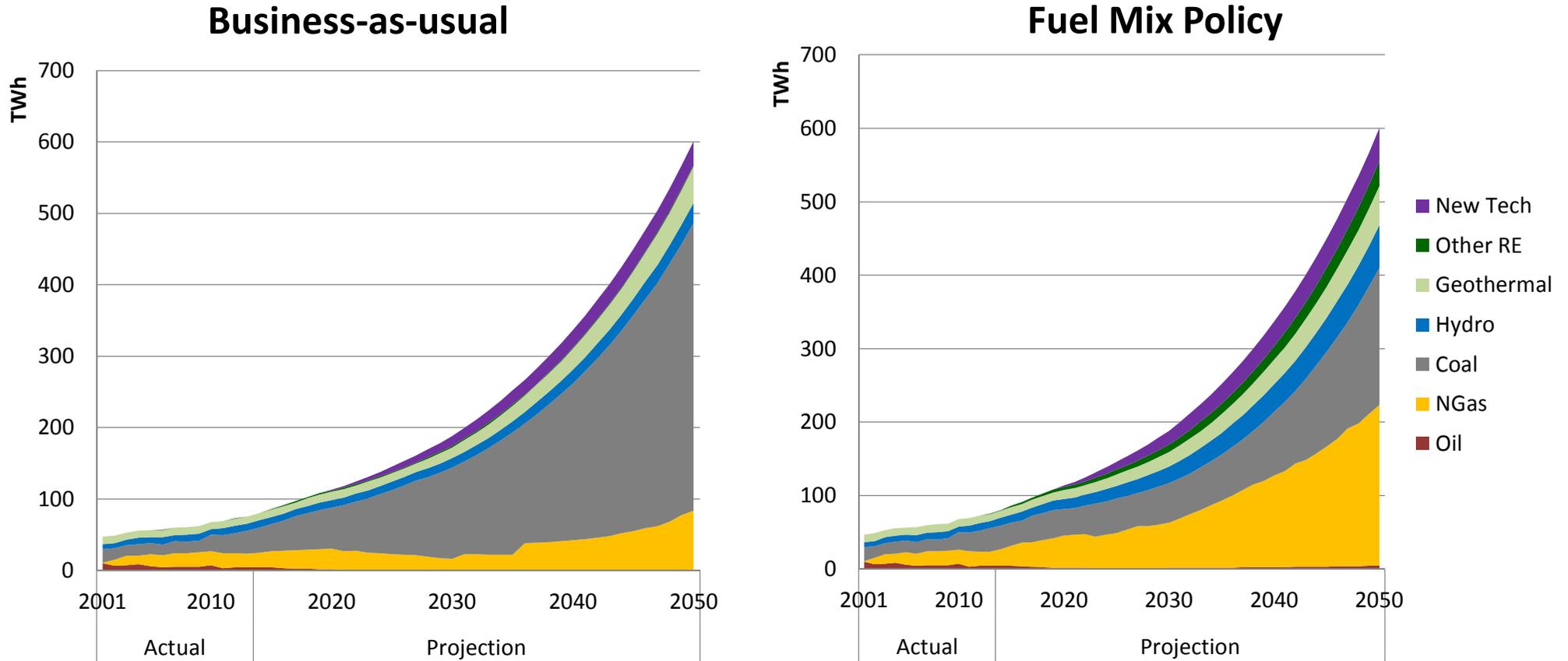
Power Generation



	1990 (TWh)	% Share	2014 (TWh)	% Share
Coal	1.9	7.3	33.1	42.8
Natural Gas	0.0	-	18.7	24.2
Geothermal	5.5	20.8	10.3	13.3
Hydro	6.1	23.0	9.1	11.8
Oil	12.4	47.2	5.7	7.4
Other RE	0.4	1.6	0.4	0.5
TOTAL	26.3	100	77.3	100

Power Demand Outlook

by Fuel – Electric Power in GWh



“ Coal will reach 70% by 2030 in Business-as-usual Scenario

“ Plans to reach a fuel mix of 30% RE; 30% Natural Gas & 30% Coal

Development Challenges and Actions Needed

Energy Supply Security and Demand Side Management

- “ Diversify sources of fuel and technologies
- “ Conserve and manage current and future demand
- “ Promote physical security of energy facilities

Economic Growth and Development

- “ Enhance energy and economy relationships to support inclusive economic growth
- “ Harmonize policies across economic sectors and at all levels of government
- “ Meet future demand for energy at reasonable rates

Climate Change Mitigation and Adaptation

- “ Promote and utilize the use of clean technology
- “ Put up climate-proof energy infrastructures
- “ Evaluate and assess aggressive GHG reduction

Infrastructure Development

- “ Integrate Renewable Energy sources
- “ Timely approval and implementation of infrastructure projects

Policy Thrusts

Ensure Energy Security

Expand Energy Access

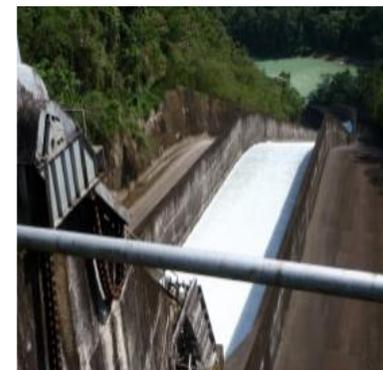
Promote Low-Carbon Future

Climate Proof the Energy Sector

Develop Regional Energy Plans

Promote Investment on Energy Infrastructure

Evaluate Connection with ASEAN Energy Infrastructure



THANK YOU !!!



MARIO C. MARASIGAN, CESO III
OIC Assistant Secretary
and Director, Renewable Energy Management Bureau
Department of Energy
mcmarasigan826@yahoo.com

