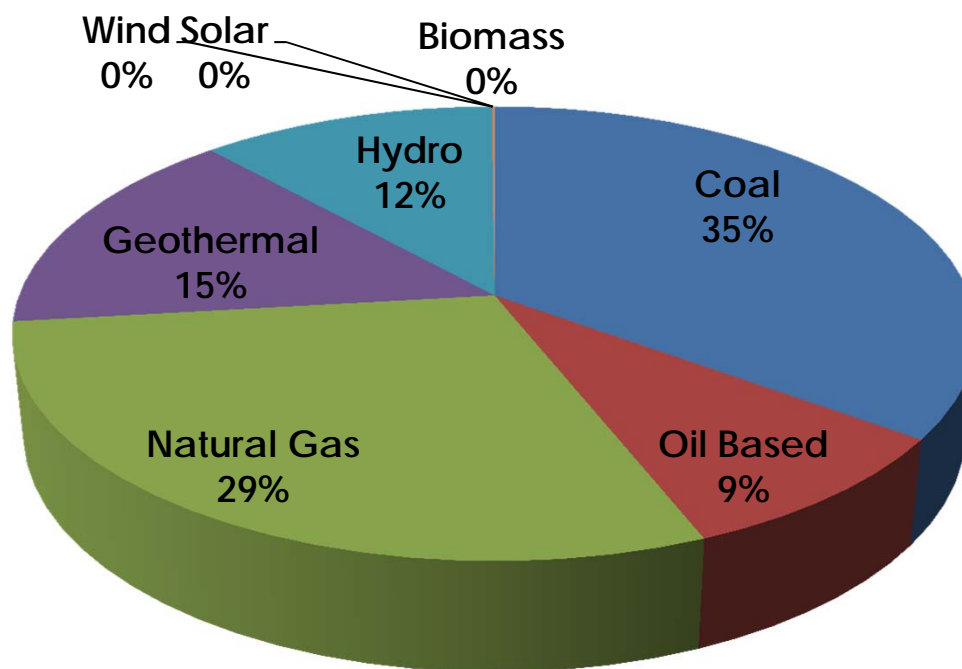


PHILIPPINE SCENARIO

POWER DEVELOPMENT

	CO2 Avoidance/Reduction (MTOE)
Substitute for Coal	
Hydro	2.58
Geothermal	3.35
Wind/Solar	0.02
TOTAL	5.95
Substitute for Oil	
Hydro	2.04
Geothermal	2.65
Wind/Solar	0.01
TOTAL	4.70
Substitute for Natural Gas	
Hydro	1.71
Geothermal	2.04
Wind/Solar	0.01
TOTAL	3.76

2010 Gross Power Generation, GWh



Total Generation = 65,795 GWh

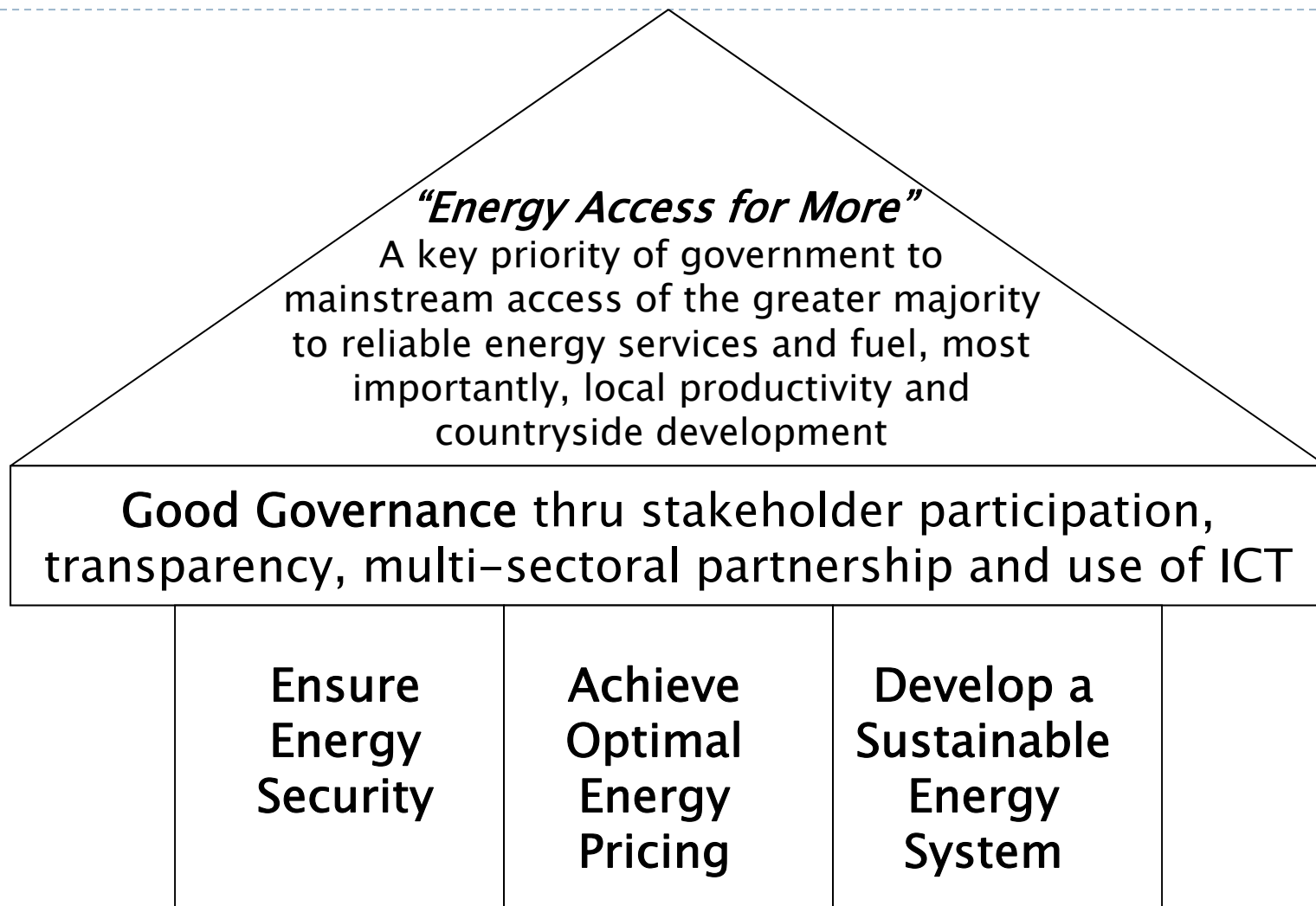
POWER DEVELOPMENT

2010 and 2009 Comparative Generation, Philippines

Plant Type	2010		2009		Difference	
	GWh	% Share	GWh	% Share	GWh	% Change
Coal	23,039	35.0	16,476	26.6	6,563.1	0.40
Oil-based	5,873	8.9	5,381	8.7	492.7	0.09
Natural Gas	19,226	29.2	19,887	32.1	(660.4)	(0.03)
Hydropower	9,931	15.1	9,788	15.8	143.4	0.01
Geothermal	7,652	11.6	10,324	16.7	(2,671.5)	(0.26)
Other RE (wind, solar, biomass)	79	0.1	64	0.1	15.0	0.23
TOTAL	65,795	100	61,934	100.00	3,860.8	0.06

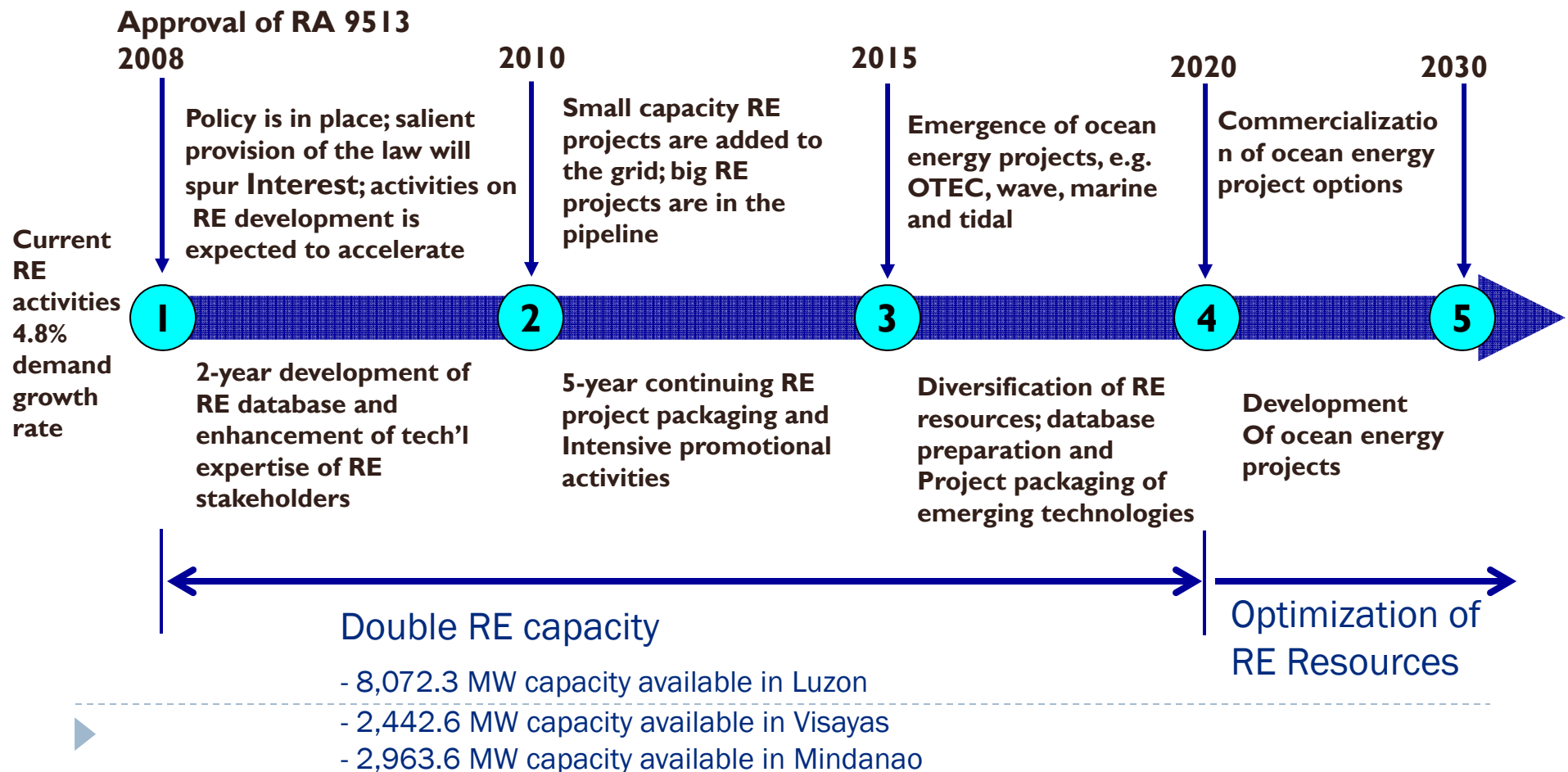


ENERGY REFORM AGENDA



A Quick Look at RE: 2009 - 2030

Moving Towards Accelerated Development



ENERGY EFFICIENCY AND CONSERVATION

Comparative Energy Savings, in MMBFOE

Programs	2009	2010
Information, Education and Communication (IEC)	3.47	3.45
Voluntary Agreements 1. Carless Day 2. Anti-idling 3. Carpooling	5.47	3.60
Energy Standards and Labelling	10.98	14.27
Government Energy Management Program (GEMP) - Spot Check	0.22	0.24
Energy Management Program 1. Energy Audit 2. Don Emilio Abello Awards	2.46	3.26
TOTAL	22.60	24.82



LOW CARBON GENERATION OPTIONS

- ▶ Intensify development and utilization of renewable and environment-friendly alternative energy resources/technologies
 - ▶ Issue RE policy mechanisms (RPS, FIT, Net-Metering, Green Energy Options) under RE Act of 2008
 - ▶ Study appropriateness of nuclear energy for power generation
 - ▶ Enhance Clean Coal technology
- ▶ Enhance energy efficiency and conservation
 - ▶ Government Building Retrofitting
 - ▶ CFL for Streetlights
- ▶ Improve transmission and distribution systems
- ▶ Revisit institutional reforms and pursue passage of the energy bills
 - ▶ Energy Efficiency and Conservation
 - ▶ Natural Gas
- ▶ Expand reach through Information, Education & Communication (IEC) Campaign
- ▶ Strengthen Human Resource Development
- ▶ Update Resource Inventory



