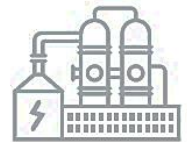


Philippines  
2017-2040

# Energy Efficiency and Conservation Roadmap



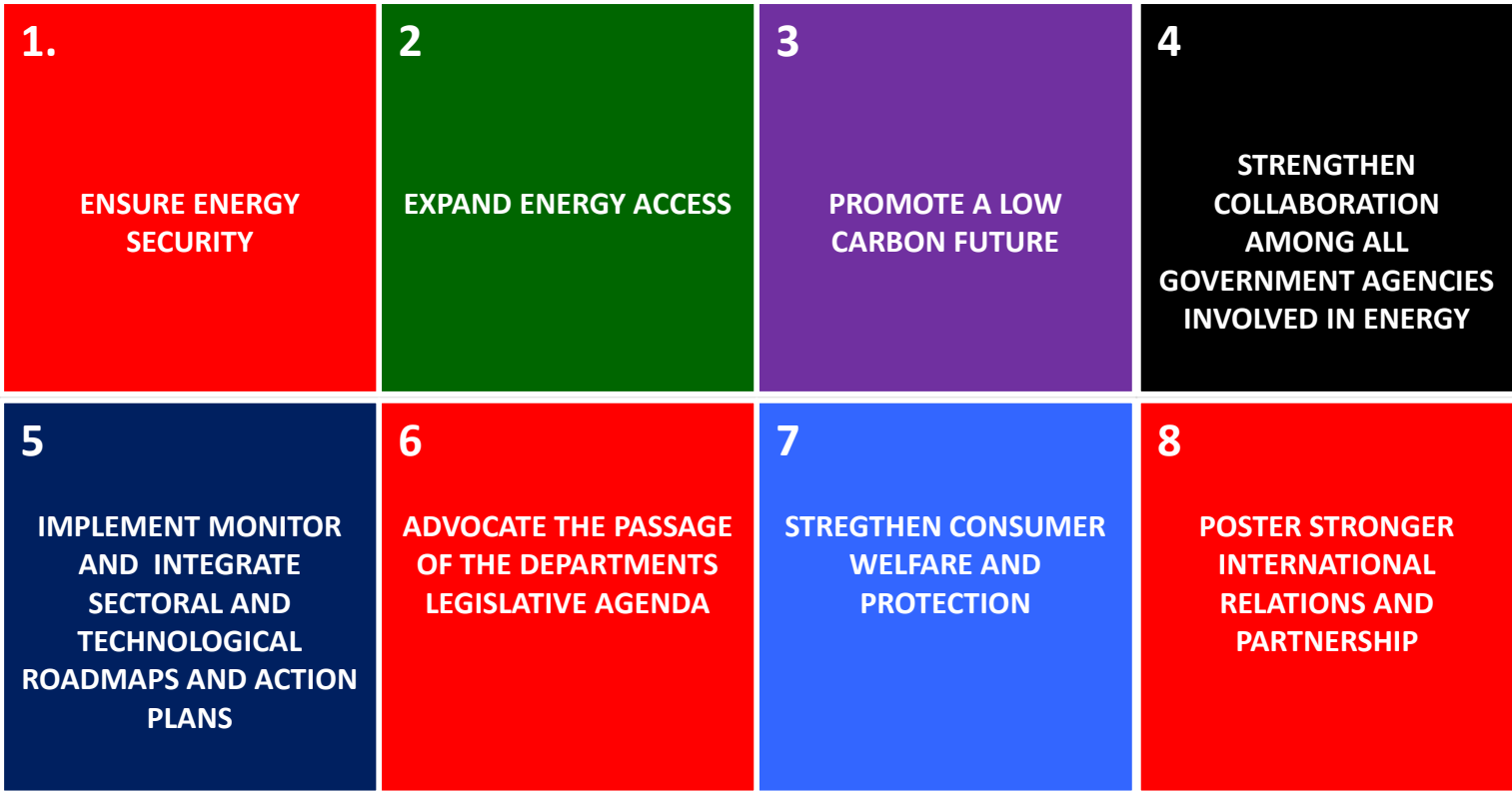
**Artemio P. Habitan**

*OIC-Chief*

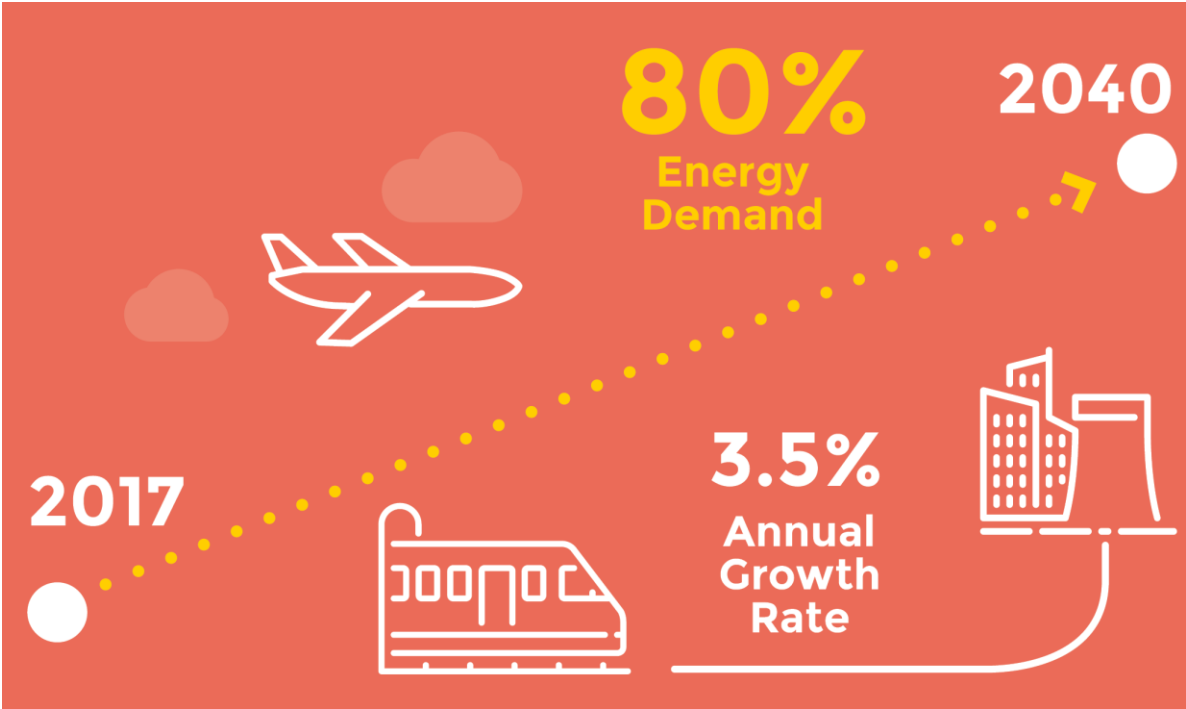
*Energy Efficiency and Conservation Division  
Energy Utilization Management Bureau  
Department of Energy*



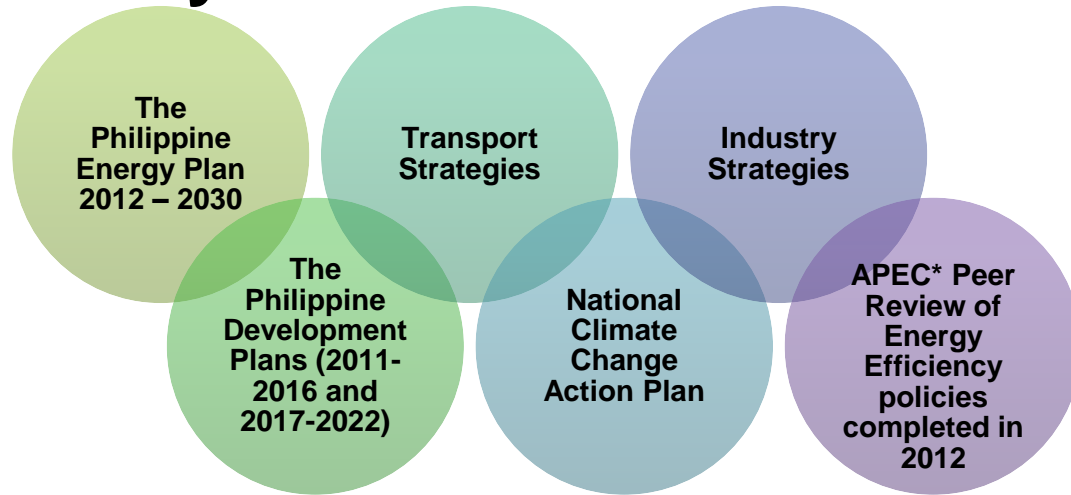
# Strategic Directions 2017-2040



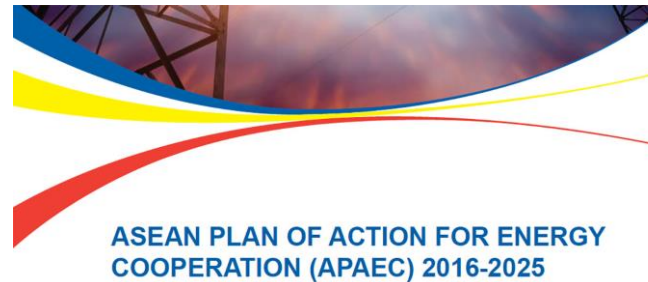
# Challenges for an Energy-Efficient Philippines



# National Policy Cohesion



# International Policy Cohesion



\* Asia-Pacific Economic Cooperation



# Policy Instruments



## Regulatory instruments

*Laws, regulations, administrative orders, circulars, guidelines*



## Information instruments

*Information resources, communication campaigns, dissemination platforms, public information activities*



## Economic instruments

*Loans, taxes, incentives, subsidies, grants, awards, commercial funding*



## Partnership instruments

*Networks, partnerships, platforms, stakeholder forum*



## Hybrid instruments

*Pilot projects, programs*



## Education instruments

*Curricula, guidelines, teacher training, school programs, industry training, capacity building*



# Setting the Scene



# 2017-2040 ENERGY EFFICIENCY & CONSERVATION ROADMAP

## 2017-2040 ENERGY EFFICIENCY & CONSERVATION ROADMAP

**OVERALL  
OBJECTIVE  
BY 2040**

### SECTOR

Government  
Transport  
Industrial  
Residential  
Commercial  
Power

### SHORT-TERM (2017-2019)

#### INDUSTRY DEVELOPMENT

- Conduct market demand scoping
- Advocate the legislation of the EE&C bill
- Establish cross-sectoral energy performance and rating systems
- Create business tool kit for ESCOs
- Collaborate with stakeholders for expanded financing models for EE&C Projects
- Conduct Information, Education and Communication (IEC) campaign on EE practices
- Integrate EE&C at LGU level
- Performance Assessment and Audit for all Power Generation, Transmission and Distribution Systems & Facilities
- Smart Grid

### MEDIUM-TERM (2020-2022)

#### STRENGTHENING

- Create enabling mechanisms for private sector participation
- Enhance Demand Side Management mechanisms
- Integrate EE&C in the learning and education system
- Mainstream EE&C at LGU level

### LONG-TERM (2023-2040)

#### SUSTAINING

- Institutionalize EE&C Knowledge Management System
- Develop advanced EE&C R&D capacity

MEASURABLE REDUCTION IN ENERGY INTENSITY AND CONSUMPTION PER YEAR VERSUS BUSINESS AS USUAL (BAU)

- *Providing market signals*
- *Strengthening policies, programs and institutional structures*
- *Mobilizing and rationalizing private sector participation*





**Thank you**



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