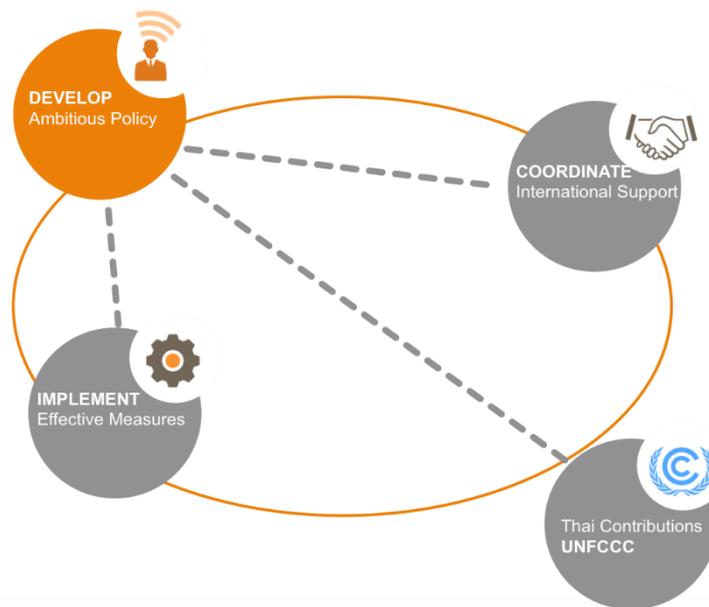




# Connecting Climate Action

## Overview of project approach and reason for the high-resolution provincial energy scenarios



connecting  climateaction



  
กระทรวงพลังงาน  
MINISTRY OF ENERGY

On behalf of:  
 Federal Ministry  
for the Environment, Nature Conservation,  
Building and Nuclear Safety

of the Federal Republic of Germany



# Climate Change and Development



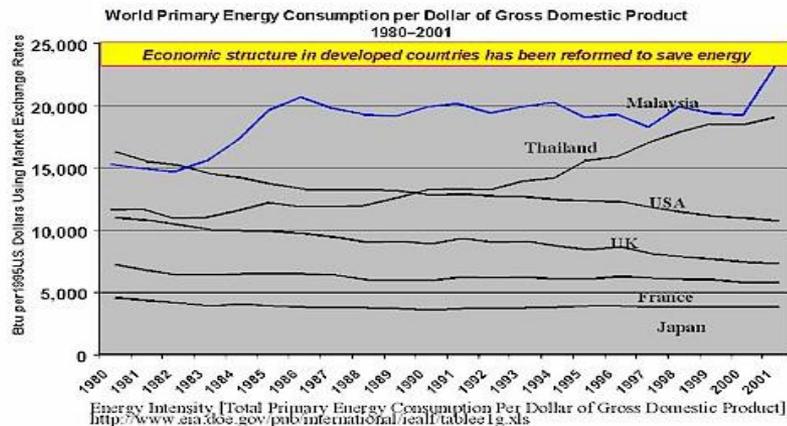
Thailand's Development is one of the great success stories.

World Bank Development Report 2013



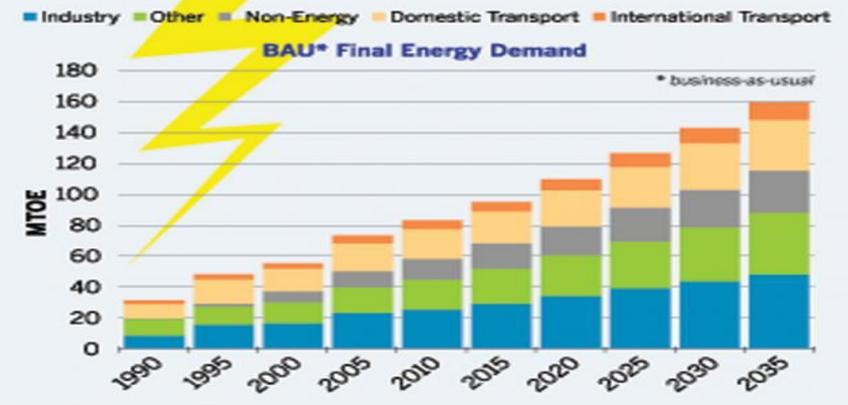
# Thailand's impressive development

## Comparison of Energy Intensity



## THAILAND'S ENERGY DEMAND

Energy demand will be forecast to double by 2035, with steep increases from "other" users in the residential/commercial/agriculture sectors.



- The population of Thailand has increased by more than 20.000.000 people in the last Generation (1980 – 2010)
- The poverty rate is reduced to 10%
- Energy consumption has tripled in the same time period
- Thailand spends 14% of it's GDP on Energy, almost half is imported



Climate Change has the potential to erase all achievements made in development over the past 25 to 50 years.

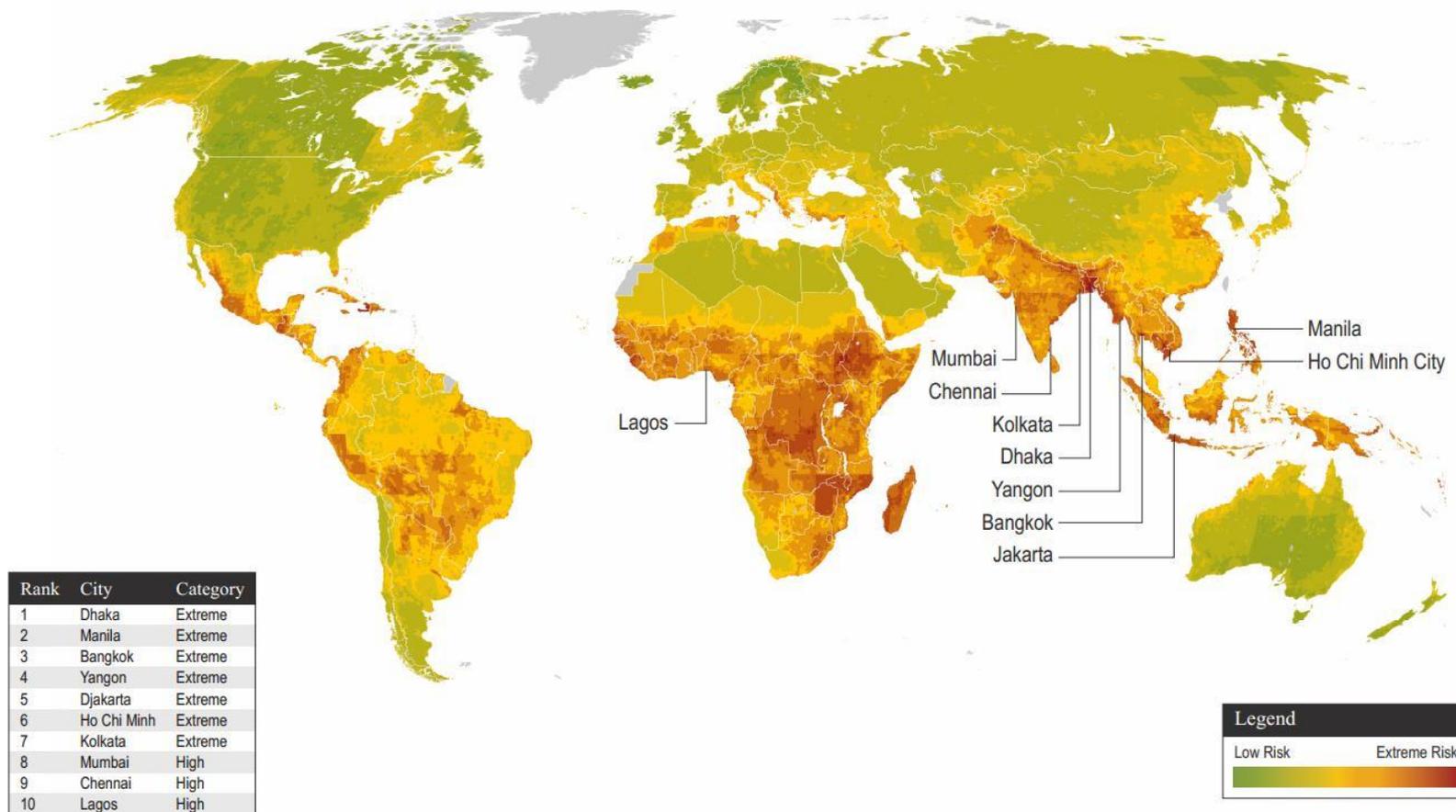
This present generation is the first to truly feel the consequences of the changing Climate, and at the same time it is the last generation that can do something about it.

If we leave it to our children to act, it will be too late.





## Climate Change Vulnerability Index 2013 – Most at risk cities



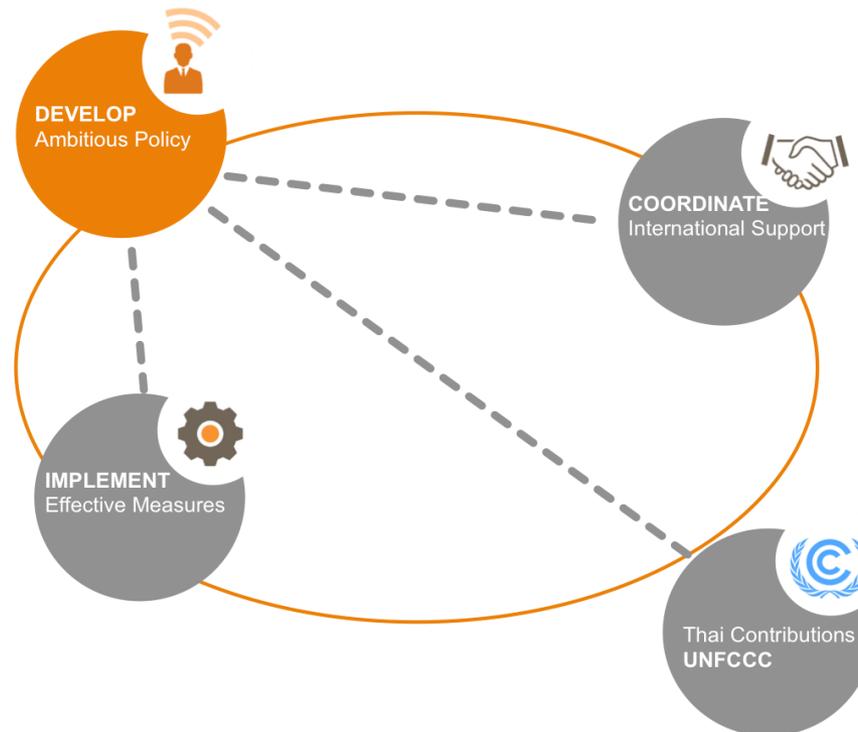


# Climate Change and limited resources require...





# CCA supports climate change action plans

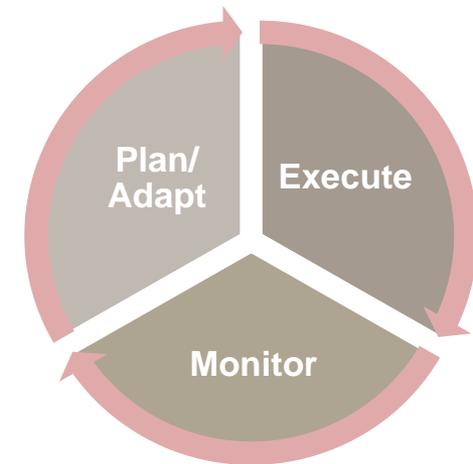




## Planning is an important part of sust. development

### Planning is the only means to realize defined sustainable development goals

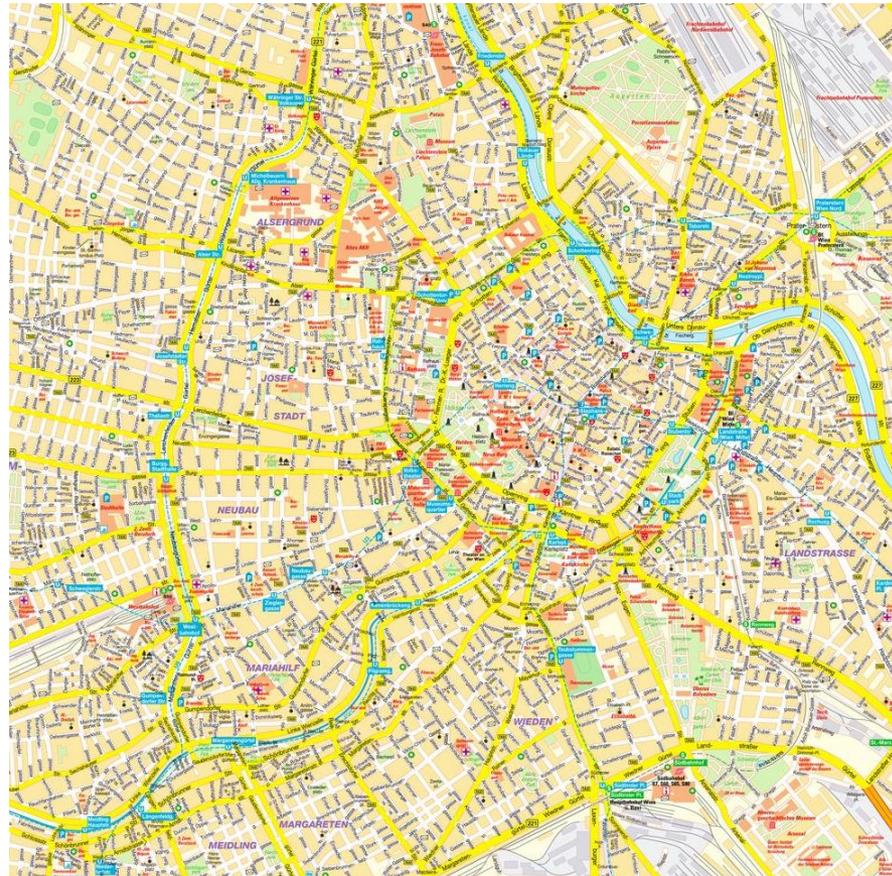
- Establish a sound baseline.
- Review historical data.
- Evaluate past and project future changes.
- Establish networks and connections.
- Involve all relevant stakeholders and the public.
- Integrate all sector plans.
- Balance interests and pressures.
- Define feasible measures.
- provide/ensure the different uses and functions of the area
- Integrate implementation efforts and budgets.





## Plan requirements: baseline, scale, growth, pathway

*If you do not know where  
you are or where you want  
to go, it does not matter  
which road you take.*





## CCA support in the energy sector

- 
- Support MoE on assessing the practical potential for renewable energy in the provinces and help cascading national RE target to provincial level
    - Provide alternative assessment for discussion
  - Support development of concrete roadmap/action plan on provincial level
  - Provide capacity building to provincial energy authorities
  - Consult on measures to be implemented
  - Facilitate bilateral exchange between Germany and Thailand on energy issues



**Thank you for your attention...**

**...ขอบคุณมากครับ**

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