



International  
Energy Agency  
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# **CHP/DHC Strategic Workshop ETP 2016 Project Plans**

*Paris, 27-28 May 2014*

# New ETP Vision

## ■ Objectives

- Increase high-level impact messaging
  - Clearer, more concise high-level messages
  - Accessible, transparent analytical processes
- Promote IEA work on energy technology
  - Closer links with technology network and collaborative initiatives

## ■ Two pillar format

- Streamlined annual printed book
- Online presence with scenario backdrop



# Publication Programme

## ETP 2014

## ETP 2015

## ETP 2016

### Part 1. Setting the Scene

Global Outlook, Tracking Clean Energy Progress

### Part 2. Driving the Change (Thematic Focus) \*

The age of  
electrification

Energy Technology and  
Innovation impacts on  
Climate change mitigation

Urban Energy Systems

### Partner Country

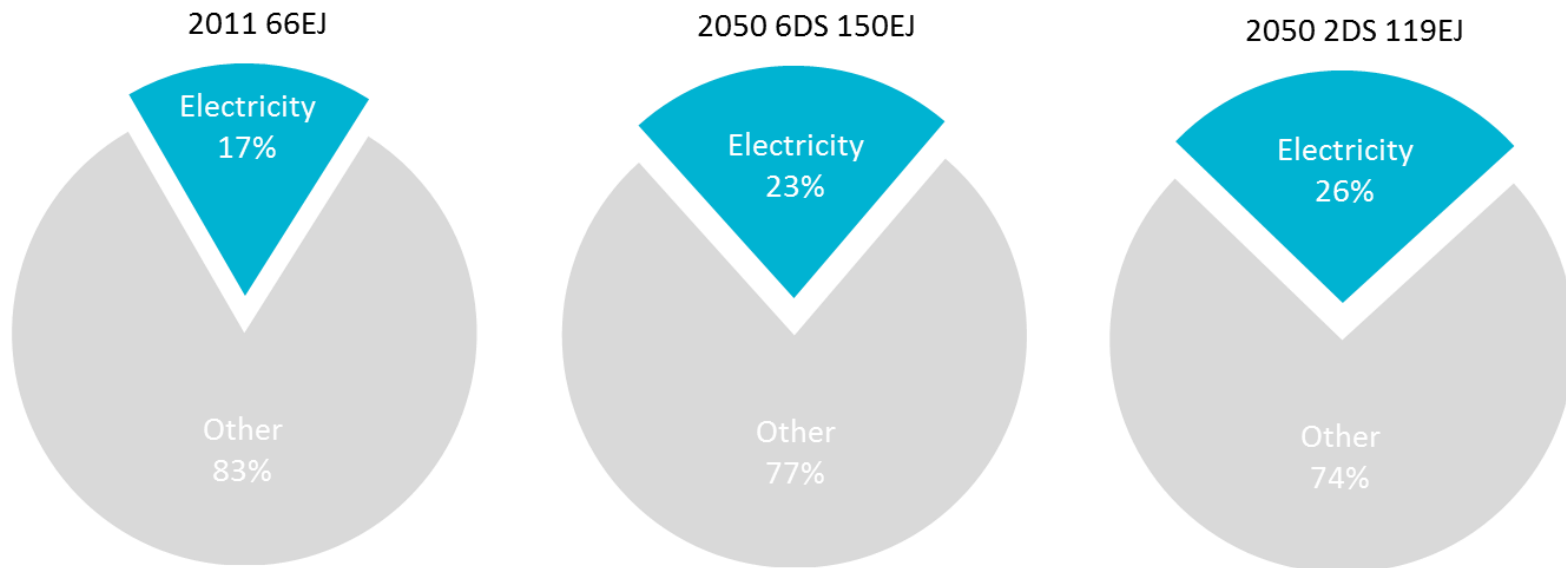
India

China

Mexico

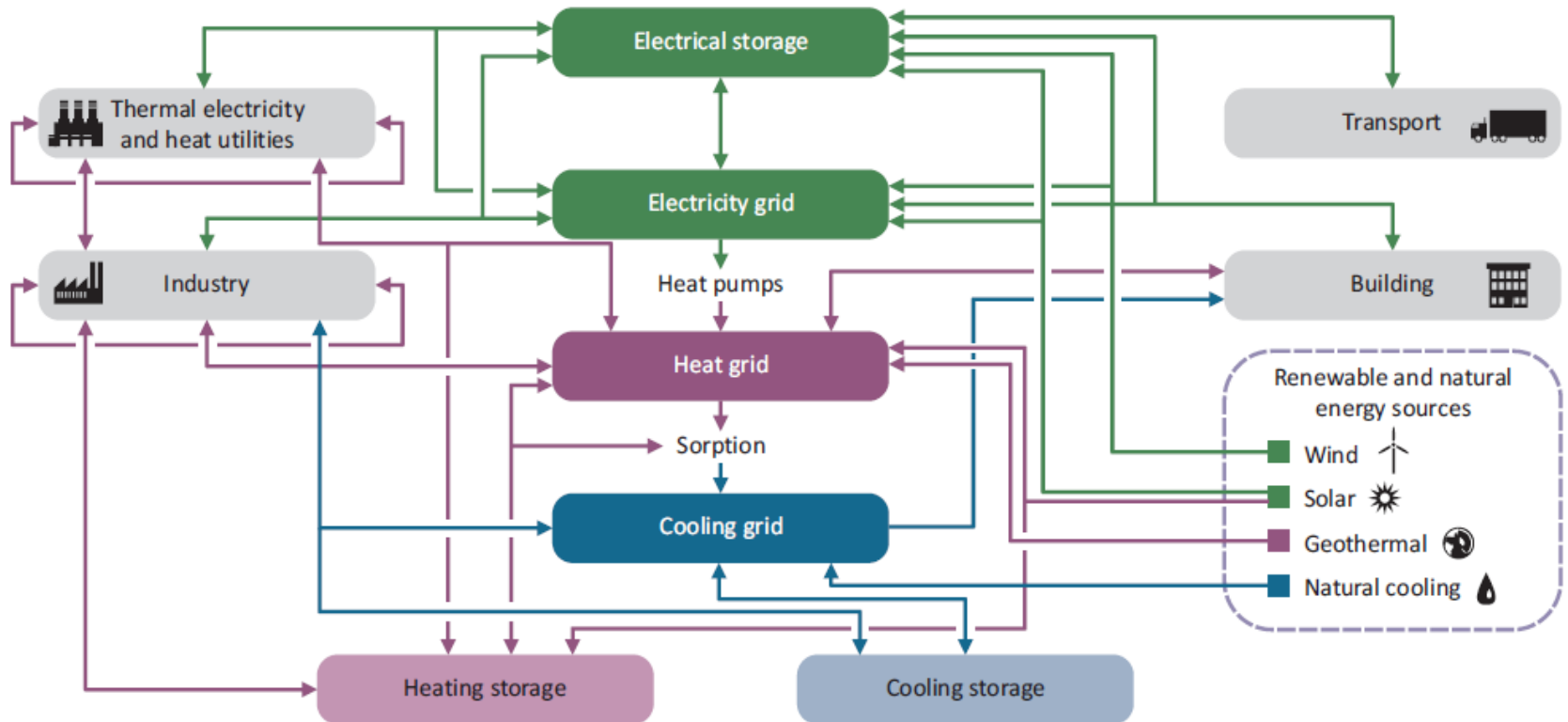
\* Each year included topics are: Low-carbon Generation, Fossil Fuels, Energy Demand, System Integration, and Policy and Finance

## Global Electricity Demand



- **Electricity demand and the share of electricity grows in all scenarios to 2050**
- **In decarbonised scenario, electricity overtakes oil to become largest energy carrier by 2050**

# ETP 2014: Linking Energy Systems



Source: Linking heat and electricity systems: Co-generation and DHC solutions for a clean energy future. IEA, 2014.



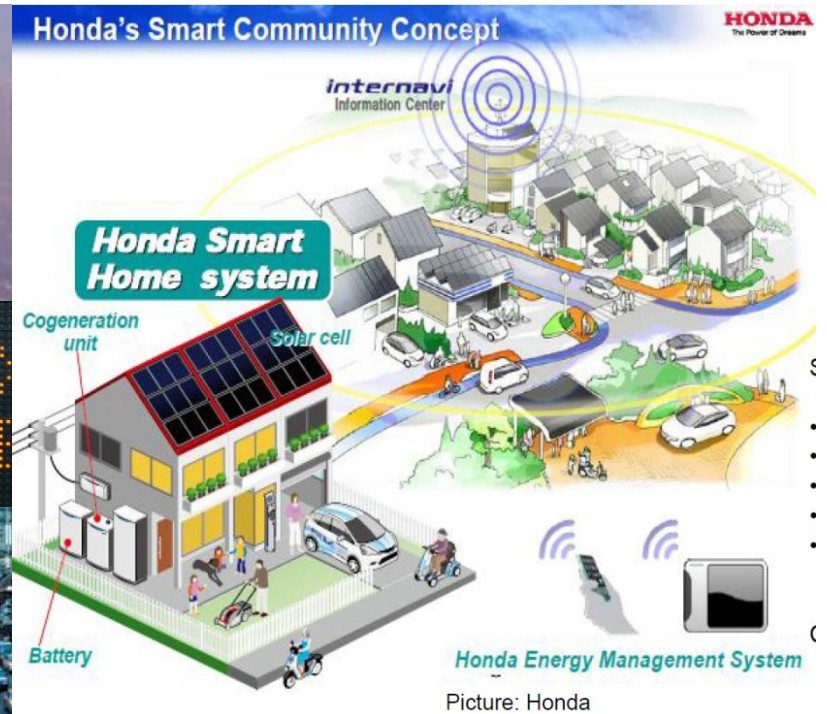
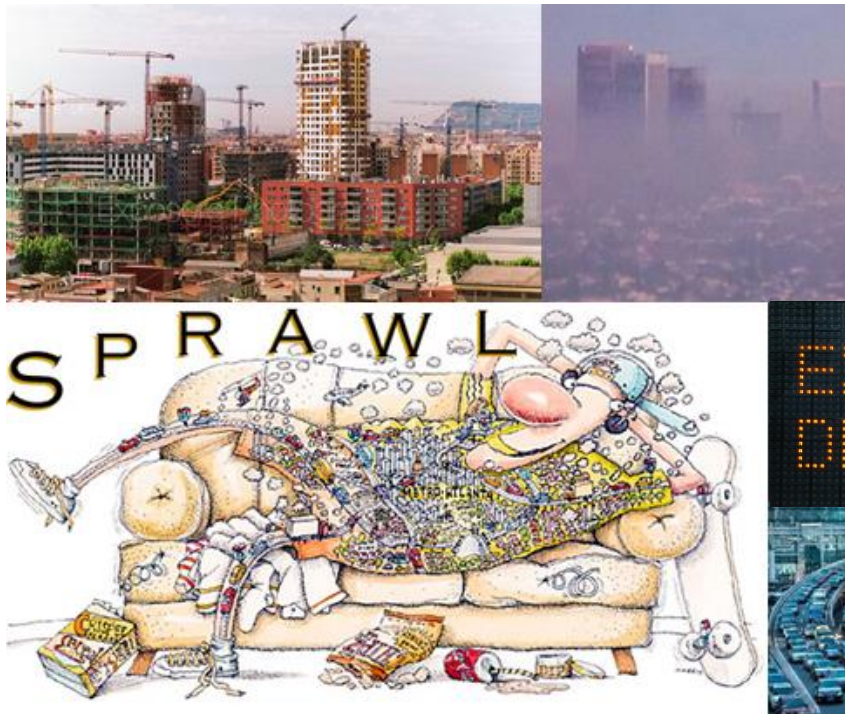
# ETP 2015

- **Innovating a new climate deal**
  - Assessing the innovation potential
  - Supporting energy innovation



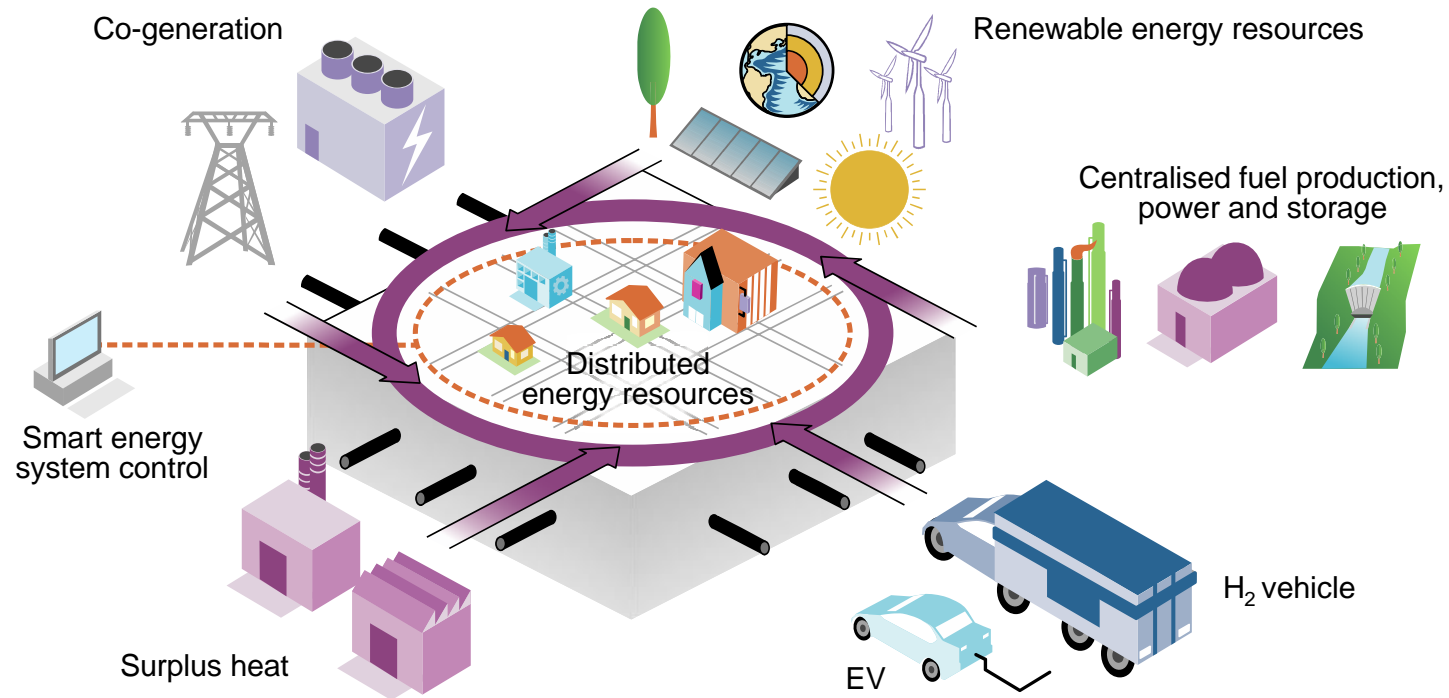
# ETP 2016

## A Tale of Sustainable Cities



Picture: Honda

# ETP 2016: Systems Thinking

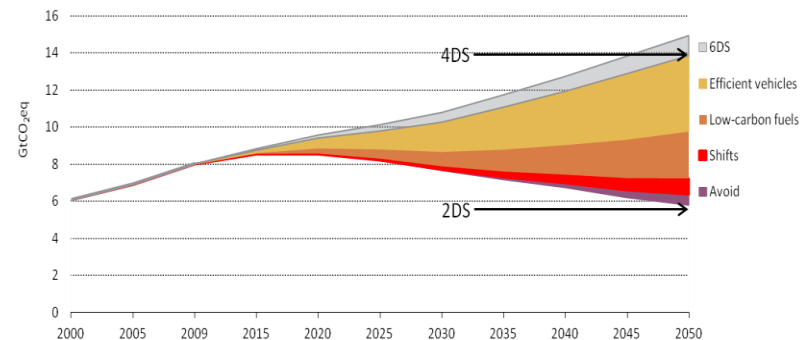
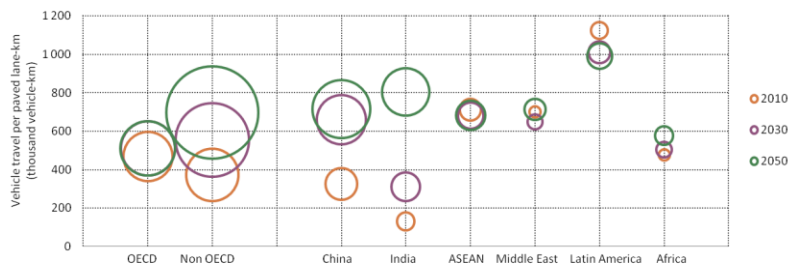


*A sustainable energy system is a smarter, multidirectional and integrated energy system that requires long-term planning for services delivery*



# ETP 2016: Objectives

- Assessment of energy technology potential for cities
- Raise urban energy potential to national audience



# ETP 2016: Work Plan

- **Summer 2014**
  - Continued discussion with key partners
  - Project scoping
- **Autumn 2014 / Winter 2015**
  - Workshop and kick-off
  - Outline modelling framework and scope
  - Gather data and seek modelling input
- **Spring/Summer 2015**
  - Energy modelling



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## Further information

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