

Delivering Excellence Through  
Innovation & Technology

A photograph of a wind farm at sunset. The scene shows a series of white wind turbines on a grassy hillside, with the sun low on the horizon creating a warm, golden glow. The sky is hazy, and the overall atmosphere is serene and natural.

# Energy sector session – introduction

James Harries

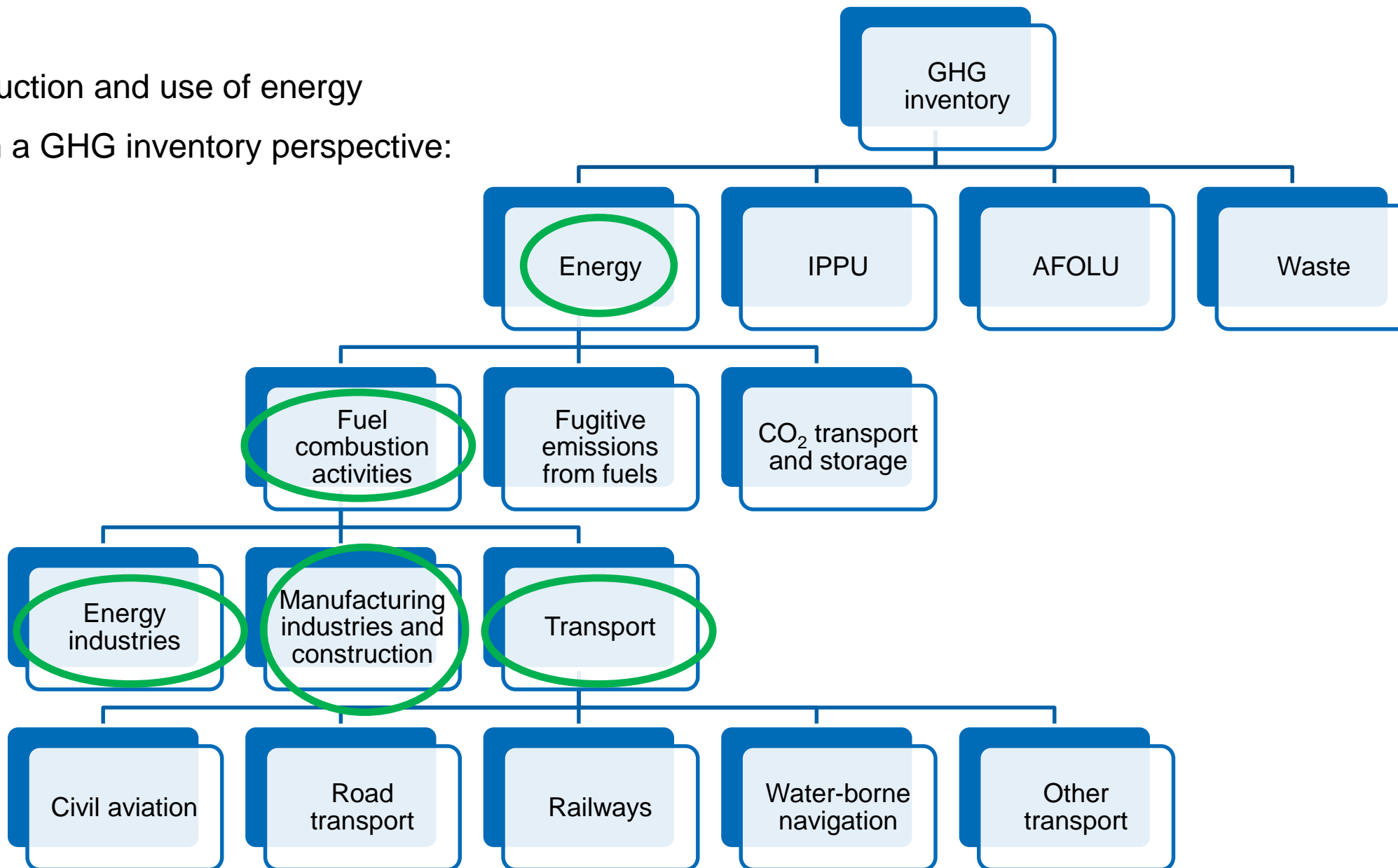
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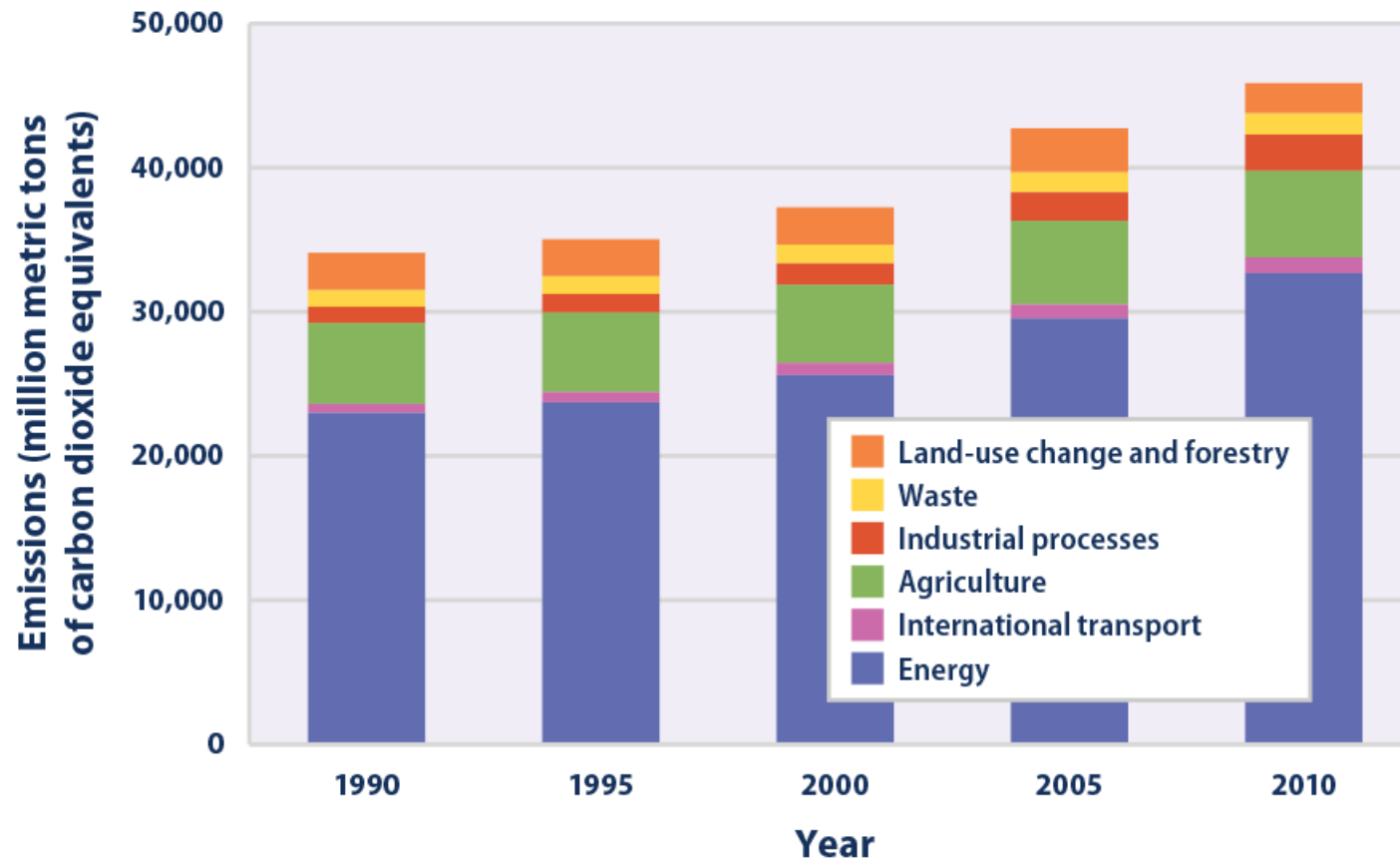
Time	Session	Speakers / facilitators
15:45 – 16:00	Presentation: outline of agenda and background to the energy sector	James Harries
16:00 – 16:30	Exercise: what is your interest in the energy sector?	All
16:30 – 17:00	Presentation: energy in the NDCs	James Harries
17:00 – 17:30	Presentation: energy sector in Viet Nam	Nguyen Quang Huy
13:30 – 13:40	Quick recap from yesterday	James Harries
13:40 – 14:15	Presentation: transparency in the energy sector in the Philippines	Jan Ralph Eborá
14:15 – 15:00	Presentation: measuring impacts of energy sector policies	James Harries
15:00 – 15:15	Coffee break	
15:15 – 16:00	Exercise: developing causal chains	All
16:00 – 16:15	Wrap up and conclusions	James Harries, all
16:15 – 16:30	Preparation of report back	All

# What is the energy sector?

- Production and use of energy
- From a GHG inventory perspective:



### Global Greenhouse Gas Emissions by Sector, 1990–2010



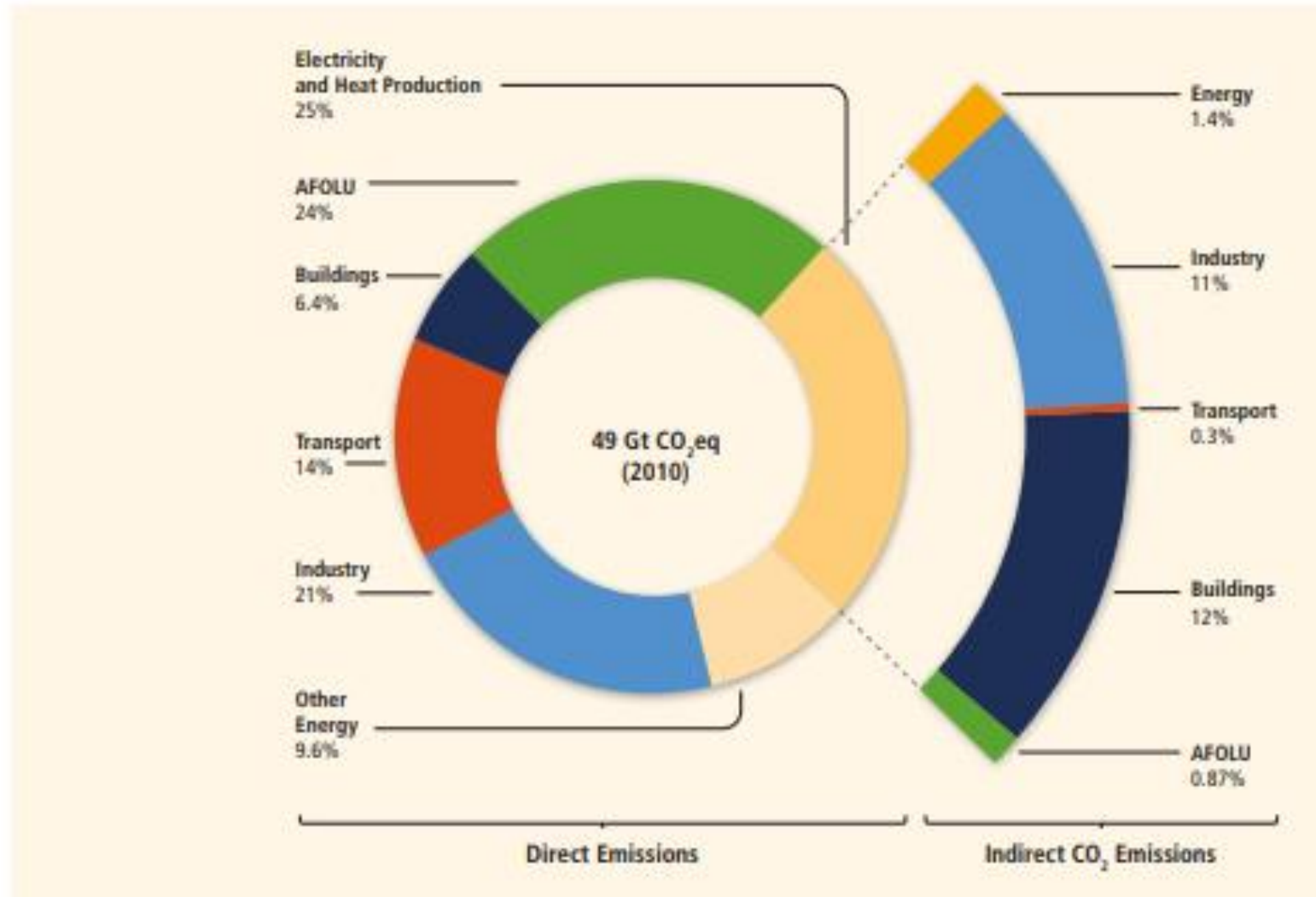
Data sources:

- WRI (World Resources Institute). 2014. Climate Analysis Indicators Tool (CAIT) 2.0: WRI's climate data explorer. Accessed May 2014. <http://cait.wri.org>.
- FAO (Food and Agriculture Organization). 2014. FAOSTAT: Emissions—land use. Accessed May 2014. [http://faostat3.fao.org/faostat-gateway/go/to/download/G2/\\*E](http://faostat3.fao.org/faostat-gateway/go/to/download/G2/*E).

Source: US EPA

For more information, visit U.S. EPA's "Climate Change Indicators in the United States" at [www.epa.gov/climate-indicators](http://www.epa.gov/climate-indicators).

## Greenhouse Gas Emissions by Economic Sectors



Source: IPCC AR5 Climate Change 2014: Mitigation of Climate Change

# Why is the energy sector important?

- Biggest driver of GHG emissions globally (72%)
  - Of this, production of energy and heat is biggest share (31%)
- Hence a key element of any GHG reduction strategy
- Important link to economic development
- Some countries have energy targets in their NDCs, as well as GHG targets
- Includes transport, which is a challenging sector for many countries, with emissions often rising or falling more slowly than other sectors
- But other sub-sectors also a challenge, e.g. power sector →
- Power sector plays an important role in other sectors, e.g. electrification of transport, buildings etc.

