



# Goals of the Workshop

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# Overall Aims

- Inform industry about the IEA's work on industrial energy use and CO<sub>2</sub> emissions
- Get “immediate” help to expand and enhance our analysis
- Discuss longer-term co-operation models

# Analysis of Industrial Energy Efficiency and CO<sub>2</sub> Emissions

## ● Indicators

- ◆ Document current energy use and CO<sub>2</sub> patterns
- ◆ Analyse past trends (incl. energy efficiency)
- ◆ Identify current improvement potentials
- ◆ Base data for scenarios

## ● Scenarios

- ◆ Reference development of output, energy use and CO<sub>2</sub> emissions
- ◆ Future reduction potentials for energy use and CO<sub>2</sub>
- ◆ Technology implications

# Indicators - Issues

- Methodologies to be used
- Consistent definitions for boundaries, allocations etc
- Additional indicators needed
- Data to support analysis
- Overcoming confidentiality issues
- Longer-term co-operation

# Scenarios - Issues

- Reference trends for production, capital stock, efficiencies etc
- Implications for energy and CO<sub>2</sub> emissions
- Possible emerging and breakthrough technologies
- Impacts on energy and CO<sub>2</sub> given likely timeframes and implementation limits
- Technical and cost barriers
- R&D needs
- Presenting the scenarios

# Structure of the Workshop

- **Session 1: Feedback from Industry**
- **Session 2: Scenario Analysis**
- **Session 3: Breakouts**
- **Session 4: Next Steps**



**Thank you !**

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