

# How will standardisation contribute to cutting GHG emissions

Standards and international action on climate change

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# Climate change challenge

- Stay within the limit of 2°C global average temperature increase
  - Peak emissions before 2020
  - Engage trade partners and business
- Technology and financing needed to deliver ambitions
  - Efficiency, renewable energy, carbon capture
  - Breakthrough technology
- Unleash the green potential of industry
  - Mechanisms and incentives
  - Standards and market based instruments

# International climate change negotiations

- Emissions reduction targets and commitments by industrialised countries
- Emissions growth reduction by developing countries
  - Unilateral and assisted action
  - ‘No-lose’ targets; registry, sectoral crediting
- Underlying principles
  - Differentiated responsibility (CBDR/RC)
  - Comparability of efforts

# What role for standardisation in cutting GHG emissions?

- Help transition towards a
  - Global low carbon/low emissions economy
  - High energy and resources use efficiency
- Support policy measures and actions
  - Monitoring and management
  - Performance indicators
  - Compliance and enforcement

# How may standards contribute to international action on climate change?

- Assessing and comparing
  - Performance against a reference/yardstick
  - Efforts against baseline/benchmark/no-lose targets
- Matching action with support
  - Outcome/performance based incentives
  - MRV data, e.g. on emissions, emissions reductions, additionality
- Facilitating comparison over time of
  - Emissions (direct and indirect)
  - Sites
  - Products

# Possible areas for GHG emissions related standards

- Monitoring of emissions (CO<sub>2</sub> & other GHG)
  - Measurement (flow & concentration)
  - Calculation (content & uncertainties)
- Process related rules for
  - Setting system boundaries
  - Determining direct and indirect emissions
- Product related emission metrics for
  - Benchmarking and/or labelling

# Concluding remarks

- What, and how to overcome, barriers/issues to use of standards in the context of GHG emissions abatement?
- How to exploit potential to, foster innovation; roll-out technology; facilitate trade flows; engage business globally (e.g. MRV, sectoral approaches)?
- Identify new opportunities/areas for standardization
- Consult and involve business and other stakeholders
  - Gap analysis
  - International coordination