

Workshop on cooperative sectoral approaches and  
sector-specific actions, in order to enhance  
implementation of Article 4, paragraph 1(c), of the  
Convention

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# UNFCCC Article 4.1(c)

- Promote and cooperate in the **development, application and diffusion, including transfer**, of **technologies, practices and policies that control, reduce or prevent** anthropogenic emissions of greenhouse gases not controlled by the Montreal Protocol **in all relevant sectors, including** the energy, transport, industry, agriculture, forestry and waste management sectors

# “development, application and diffusion, including transfer”

- Article 4.1(c) covers all stages of the technology cycle:
  - Development
  - Application
  - Transfer
  - Diffusion
- Information on available technologies, conditions of access to and financing transfers of these technologies
- Effective modalities for the implementation of these different stages
- Formulation of policies and programs for the effective transfer for ESTs that are publicly-owned or in the public domain
- Creation of an enabling environment for the private sector to promote and enhance the transfer of and access to ESTs

# “technologies, practices and processes”

- Implementation covers:
  - Technologies
  - Practices
  - Processes
  - Know-how
- Achieving this requires enhancement of endogenous capacities and technologies of developing countries
- Other Parties and organizations in a position to do so may also assist in facilitating the transfer or access to these technologies

# “control, reduce or prevent”

- Article 4.1(c) covers a wide scope of technologies, including those that:
  - Control emissions
  - Reduce emissions
  - Prevent emissions
- Technologies for abatement of increases in emissions and enhancement of and removal by sinks
- Technologies that are publicly-owned or in the public domain or are held by the private sector
- Technologies for mitigation and adaptation

# Sectoral approaches

- Distinguish sectoral *efforts* and *agreements*
- Aim of sectoral closely related to technology (Art 4.1c)
  - development, application and diffusion, including transfer, of technologies, practices and processes
  - Not to develop global sector-specific standards
  - Includes long-term R&D, but not limited to it
- Not undermine founding principles of UNFCCC, notably equity and common but differentiated responsibilities and respective capabilities

# Parameters on sectoral

- For developed countries:
  - Sectoral efforts can contribute to, but must not replace, legally binding absolute emission reduction targets (QELRCs) for all Annex I countries
  - Competitiveness and leakage concerns dealt with elsewhere
- For developing countries
  - Transnational sectoral agreements not acceptable
  - Sectoral agreements at the international level should not be used to impose targets on developing countries
  - Domestic sectoral efforts are ONE option in the toolbox for national mitigation actions
  - Not a basis to impose trade barriers, punitive trade measures, benchmarking or standards, for developing countries