

# Collaborative Action for Climate Change



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# Key Issues

- What collaborative action is essential ?
- How can collaborative action be initiated ?



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# What collaborative action is essential ?

- **Where action is not happening**
  - Zero carbon technologies for the “harder-to-abate” sectors (steel, cement, trucking, aircrafts, etc.)
- **Where accelerated action is needed**
  - Performance enhancement and cost reduction of storage batteries
  - Electrification of transport
- **Where major changes in lifestyles are needed**
  - Usage of public transport
  - Dietary change to low-carbon food



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# How can collaborative action be initiated ?

- **When zero-carbon technology options are known,**
- and life cycle cost to consumers is less than that of conventional technologies (electric buses, solar water pumps, electric heating in industry):
  - Coalitions of application-specific manufacturers and/or users – to share information & experiences, and encourage action by late adopters
  - Coalitions of countries to share design and effectiveness of policy tools - also to share behavioural-change actions
- and life cycle costs are more than that of conventional technologies (batteries, electric cars)
  - Subsidise groups of users(GCF ?) to build up demand
  - Aggregation of buyers so that bulk procurement can bring down prices



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# How can collaboration be initiated ?

- When zero-carbon technologies are not known, or are in infancy(steel, cement, trucking, airlines)
  - Coalitions of companies to develop the zero-carbon technology options
  - Coalitions of countries to support development through targeted calls, partial support, advance purchase commitments, etc.



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# Next steps

- Coalitions are better – to start with – than international agreements; if successful, they can be institutionalized
- Coalitions need a “lead partner” who is willing to bring in other partners



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