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15 October, 2018
Global Warming of 1.5°C

An IPCC special report on the impacts of global warming of 1.5°C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty.
Every bit matters

- Transitions
- Benefits
- Global goals
Every bit matters: for Sustainable Development

Availability of Technologies:
  Renewables, other sectors?
  Upscaling
  Taking carbon out of the atmosphere (CDR)

Investments
Every bit matters: for Sustainable Development

Support: National/subnational; private sector, civil society

International Co-operation

Strengthening Capacities
Every bit matters: for Sustainable Development

Synergies and Trade offs

• Common enabling factors for adaptation and mitigation
• Overcome constraints: slowing rate of transition to low carbon; reducing range of adaptation options available; raise long term costs (transit oriented development, electric vehicles)
• Challenges: Choices – policy design, technological, pathways

• Many synergies
Every bit matters: for Sustainable Development

• Prioritisation of SD, SDGs is consistent with Adaptation
  • Adaptative capacity of vulnerable communities enhanced when SD promotes livelihood security

• Impact of adaptation on - SD, poverty eradication, reducing inequalities, SDGs largely positive;
  Adaptation strategies that advance one SDG can result in trade-offs with other SDGs

• Pursuing place-specific adaptation pathway approach
  Important
• SD broadly supports & often enables fundamental societal and systems transformations required for 1.5 °C

• Development pathways with high fragmentation, inequality and poverty, are associated with comparatively higher mitigation and adaptation challenges

• And, Reconciling trade-offs across sectors and spatial scales becomes a challenge

• Societal transformation, rapid implementation of ambitious GHG reduction measures, necessary for 1.5°C limiting pathways and achievement of SD: But,

• potential differs between nations and requires committed cooperation with support for those with the least capacity to adapt, mitigate, and transform