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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