

Actions for Cool Earth 2.0 (ACE2.0)

Concept: Two-fold Contribution composed of Assistance to Developing Countries and Innovation

- ◆ COP21 is a venue for critical international negotiation aiming at agreement on a **new framework for GHG emission reduction**. **The key is the participation by all countries**. Over 170 countries have already submitted INDCs.
- ◆ To encourage developing countries' participation in a new framework, **support by developed countries** is required. (COP15 commitment of support \$100 billion(public and private) by 2020). Moreover, **innovation is indispensable** for significant reduction of GHG emission worldwide.
- *Japan, as the 2nd largest economy and GHG emitter among developed countries*, **contributes to the enhancement of global efforts on climate change as well as to a success of COP21** by offering support to developing countries.
- *Japan, as a forerunner in innovation*, **contributes to significant reduction of GHG emission** by leading the world in further reinforcing development of innovative technologies.

Support to Developing Countries

- **Japan will provide, in 2020, ¥1.3 trillion of public & private climate finance, 1.3 times up from the current level, to developing countries.** (as a part of \$100 billion pledge at COP15)
- **Expected areas of contribution: geothermal power generation, urban railroads, disaster prevention infrastructure, water supply, : promotion of the establishment of early warning systems, intercity collaboration, and human resources development** and other areas of Japan's expertise

Innovation

- Japan will formulate the **“Energy & Environment Innovation Strategy”** to reinforce the development of innovative technologies in energy and environment.
- Japan will promote transferring of advanced low carbon technologies through the **Joint Crediting Mechanism (JCM)**, etc.