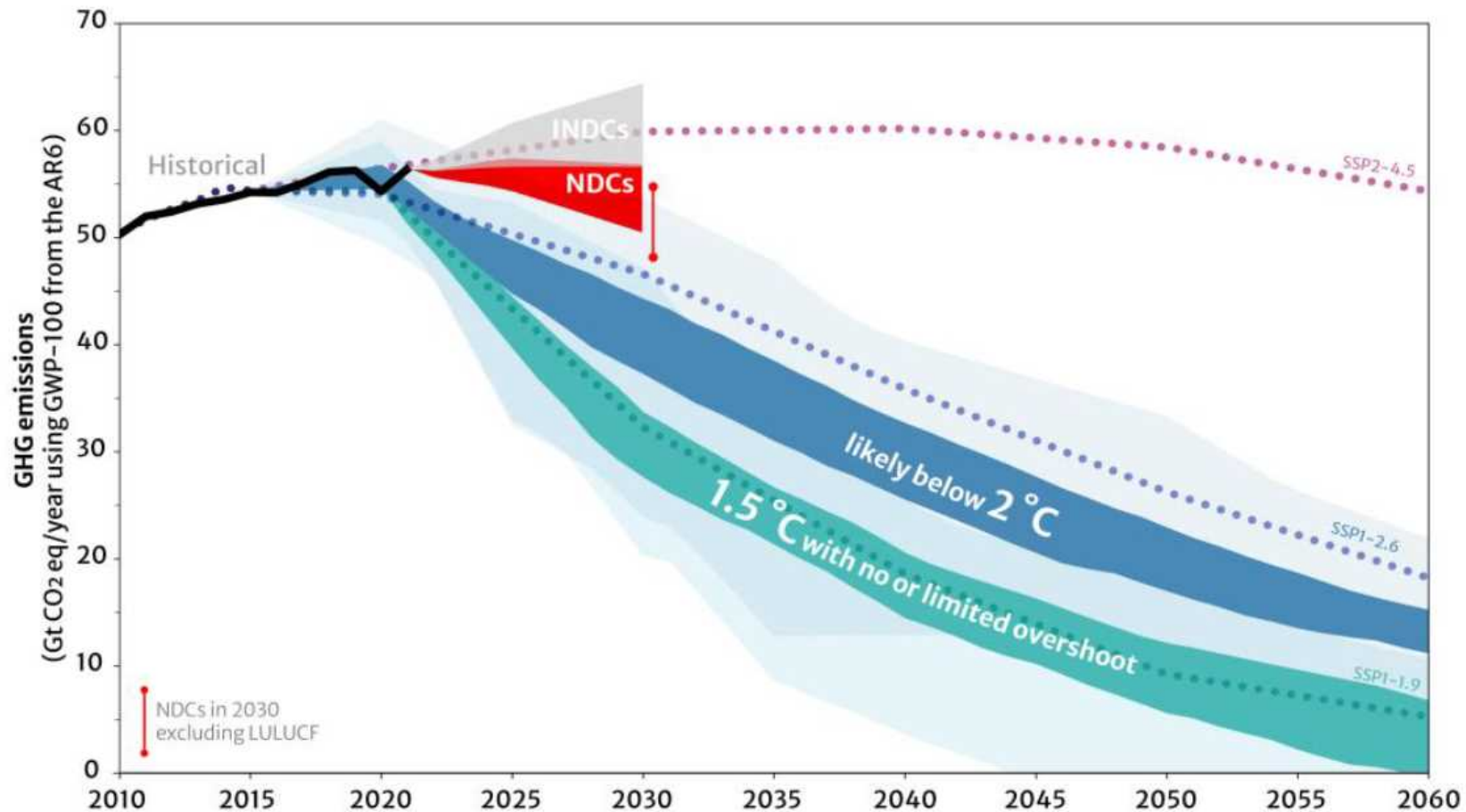

Japan's Assistance Package

to Promote Investments for Global Actions Toward the Achievement of the Paris Agreement Goals

The Government of Japan

Japan's Assistance Package to Promote Investments for Global Actions Toward the Achievement of the Paris Agreement Goals

- There is a significant **“ambition gap”** toward achieving the 1.5°C target
- Parties are to submit **the next round of NDCs** by 2025, raising **ambitions** toward 1.5°C and implementing them to **bring emissions “on track”**



Japan's Assistance Package to Promote Investments for Global Actions Toward the Achievement of the Paris Agreement Goals

Sum of emissions reduction targets don't reach 1.5°C

① "Ambition gap"

Support for raising countries' ambitions and to identify pathways toward net zero



Adaptation measures are not keeping pace with increasing climate risks

② "Adaptation gap"

Accelerating sustainable adaptation through public-private partnership

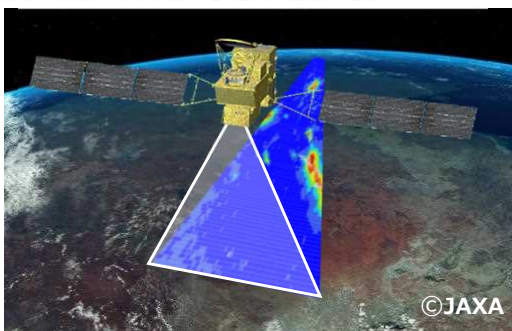
Not enough investments for implementation

③ "Implementation gap"

Explore new areas and promote the use of private capital, aligning all financial flows with the Paris Agreement goals

Increase the predictability of decarbonization for business

Mitigating economic damage caused by climate change



- ✓ Establish a foundation to promote investments
- ✓ Turn the gears of "raising ambition" ⇔ "attracting private investment" by closing the three gaps.

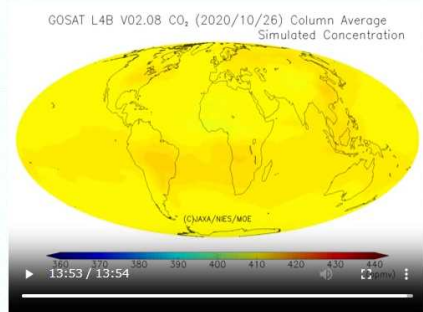


Unity as one world toward the Paris Agreement goals

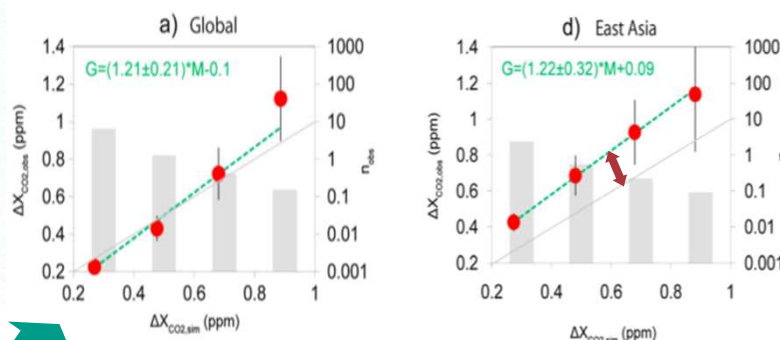
**Make a Virtuous Cycle
to build track records of
emissions reduction**

- Japan supported Mongolia in development of methodology to estimate emissions. Japan is expanding the partnership to 6 countries in Central Asia and the Indo-Pacific region by 2030, and also make the methodology widely used as an international standard.
- The third satellite “GOSAT-GW” will be launched in FY2024. It can be utilized not only for GHG estimation but also for air pollution measures, which is an urgent issue in Asia.

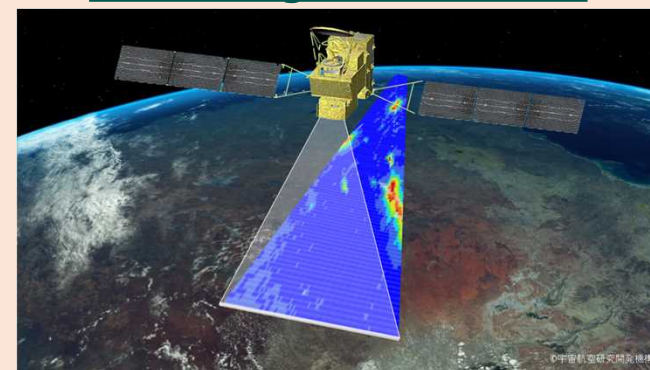
Long-term observation since 2009



Difference between GOSAT and statistics in a region such as East Asia

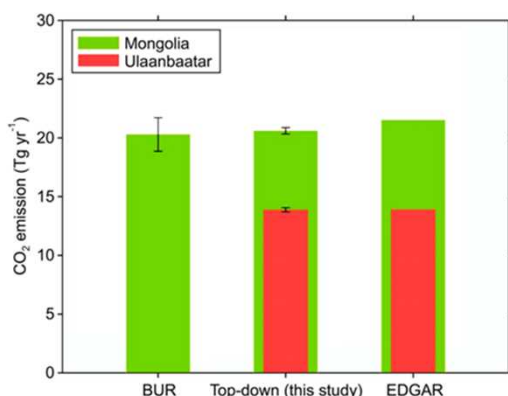


GOSAT-GW to be launched in 2024, considering future mission



GOSAT-GW

Compare GOSAT and statistics



Expand to Central Asia, India/Himalayan region, Caucasus, and other parts of Asia



Image courtesy of JAXA, NIES and Chuo University
Round table with Central Asia countries

<Progress>

- Kazakhstan, Uzbekistan [MOUs signed]
- Tajikistan, Kyrgyzstan, etc. [MOUs being discussed]
- India, Thailand, etc. [Consultation among researchers in progress].

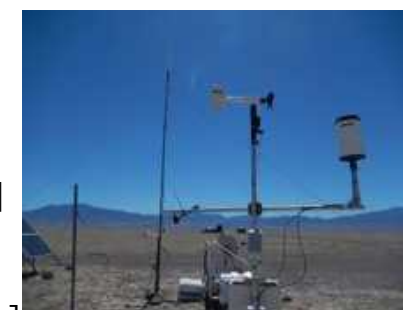


Photo: JAXA

- Established the “**Public Private Partnership for the Development of Early Warning Systems**” consisting of relevant Ministries and **around 50 private-sector companies**
- **Promote business development** on early warning systems

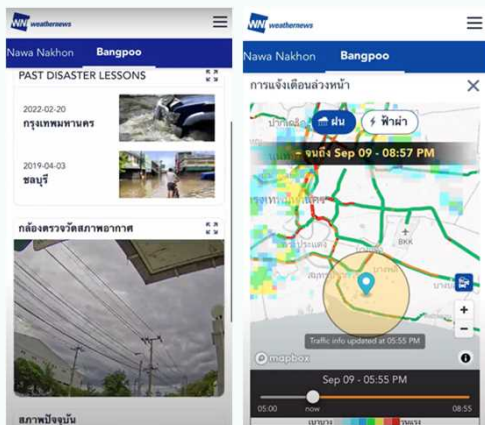
Early Warning For You

Observation and nowcasting for EWS



■ **High-resolution and high-accuracy weather forecasts and services in Asia and Pacific**

- Cooperate with local weather bureaus/government institutions in Thailand and Vietnam.
- Focus on local factories and industrial areas. (Service operation has been started from spring 2023)
- Increase the resilience of society by solving social issues and expanding early warning systems.



FloodS, DioVISTA

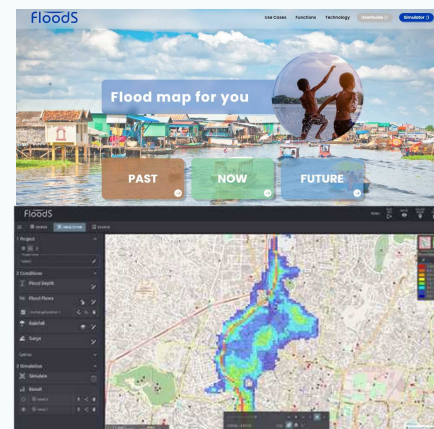
Hitachi, Ltd./
Hitachi Power
Solutions Co., Ltd.

■ **Easily create a hazard map at any time from anywhere (FloodS)**

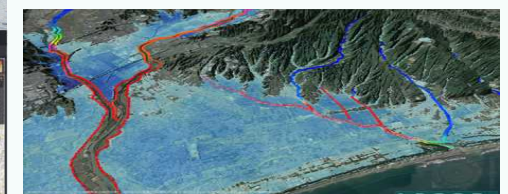
- Know the flood risk caused by climate change and support the development of adaptation plans

■ **Services for early warning systems (FloodS, DioVISTA)**

- Release flood warnings from flood forecasts
- Support emergency relief activities by linking with social data e.g. evacuation center/road information



Left: FloodS WEB portal etc.
Right: DioVISTA screen



Expanding Joint Crediting Mechanism (JCM) to build track records of emissions reduction



- Contribute to the achievement of **NDC and sustainable development** of both Japan and JCM partner countries
- **More than 240 projects in 28 JCM partner countries**
- **Improving the environment for private-sector JCM in wide range of sectors** including agriculture and forest sector
- **Waste to energy facilities** and “**Fukuoka Method**” for methane reduction

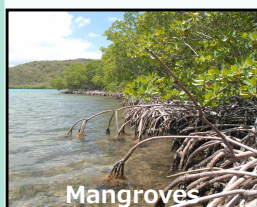
Blue carbon, a new CO₂ sink that solves social issues

Japan Takes the Lead in Utilizing Blue Carbon

- **Developed a calculation methodology** and reported on **mangroves** for Japan’s Greenhouse Gas Inventory.
- Certification of carbon credits (J Blue Credit®: **21 locations**, approx. **3,700 tons CO₂** [in 2022]).
- Contribute to local industries such as **marine ecosystem, fisheries, and tourism**.



- **Share knowledge and experience** based on **more than 40 specific activities**, promoting “nature and climate change” globally.
- **Attract private investment** through crediting



(Source : UNEP「BLUE CARBON」, MLIT website)

