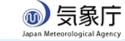
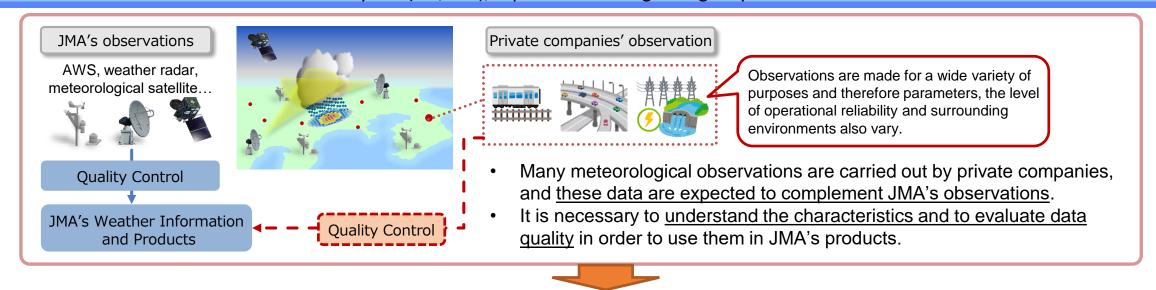
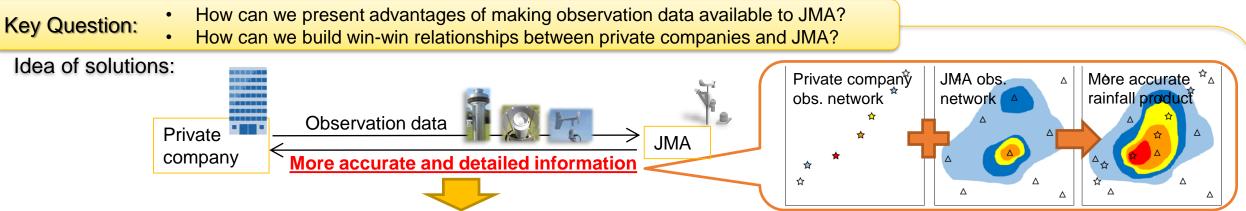
## Public-Private Engagement in enhancing observation – opportunities and challenges



Eizi Toyoda (Dr./Mr.), Japan Meteorological Agency



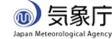
JMA started a pilot study to investigate the possibility of use of observation data from networks operated by private companies in JMA's weather monitoring and forecasting operations.

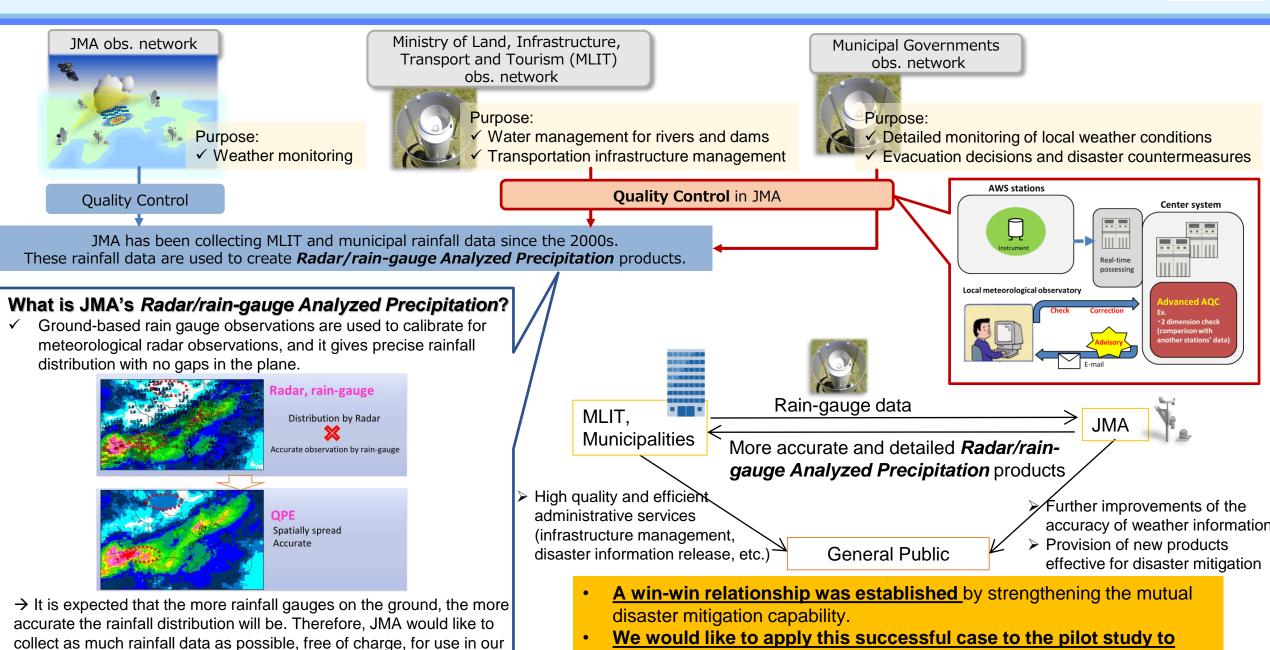


- Increased consistency between government's disaster management actions and those of private sector
- → For the private sector, it helps clarify the rationale for disaster management actions and enhance accountability.
- → For the public, it helps avoid confusion regarding disaster management actions.

Based on the above ideas, JMA will promote PPE and collaborate with private sector.

## Case Study of Public-Public Cooperation ~ Radar/rain-gauge Analyzed Precipitation ~





services.

investigate new data utilization possibilities.

## Pilot study to investigate the possibility of use of private companies' observation data

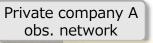




JMA's Pilot Study:









Purpose:

✓ Operation

management of transportation infrastructure

Private company B obs. network



Purpose:

✓ Provision of private

weather services

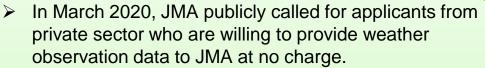
Private company C obs. network



Purpose:

✓ Energy and
other social
infrastructure
services

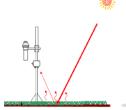
In Japan, companies that provide social infrastructure services such as railways, highways, and energy, as well as companies that conduct weather observation on behalf of municipal governments, have developed their own observation networks.

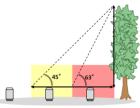


- Currently, the pilot study has been conducted in partnering with several companies in multiple commercial sectors. Several private companies provide JMA with meteorological observation data and photographs of the observation sites. JMA is currently conducting characteristic surveys of the provided data.
- The study is aimed at examining quality control methods and find effective ways to use data from a variety of origins in JMA.
- The survey results will be shared with the participating of companies, and will be used to examine how to make more effective use of the data for their own purposes.

How do we ensure data quality?







How do we build a win-win relationship?



