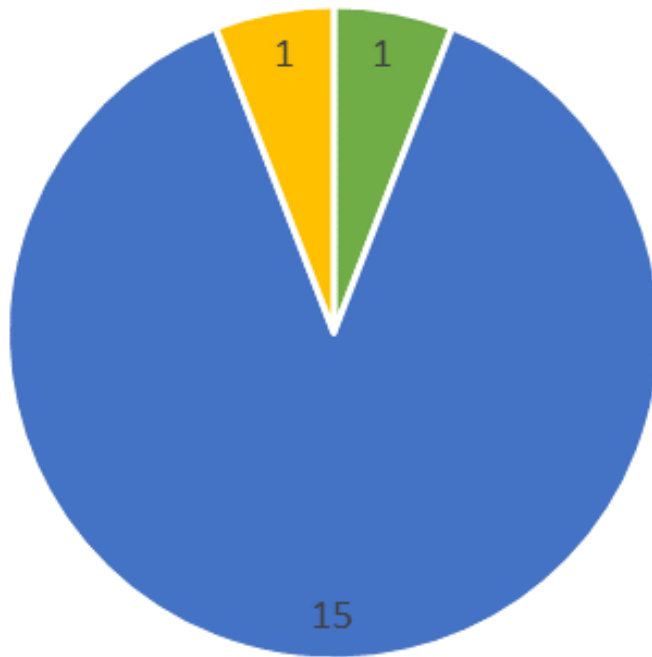Session 4.7

Discussion: How do we develop an expert community based on inter-regional collaboration?

All participants

with Seiichiro Kigawa (JMA)
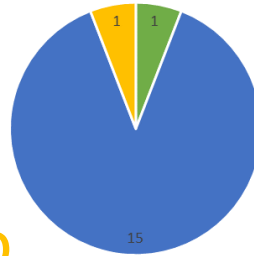
Pre-workshop survey results and discussion

Q4.7-1 What is the biggest merit of inter-regional collaboration?

- ■ 1. Community formation by collaboration

- ■ 2. Technological exchanges between neighboring regions
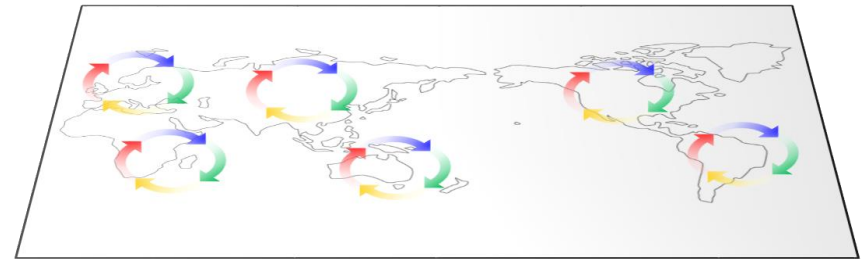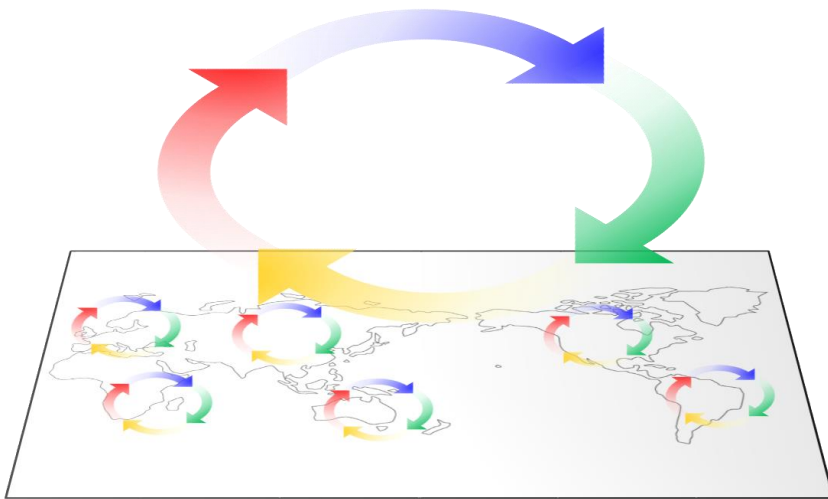
- ■ 3. Contribution to global activities

Most NMHSs indicated technological exchange was the biggest merit. Few NMHSs said an advantage was contribution to global activities.

Inter-regional collaboration

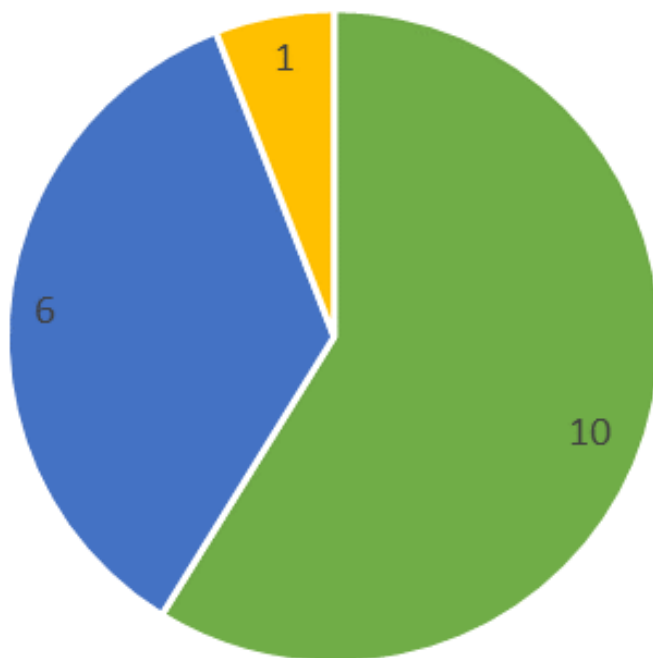

■3. Contribution to global activities

■2. Technological exchanges between neighboring regions

Inter-regional collaboration to help enhance worldwide activity. Do you think that we should discuss the collaboration from a wider point of view?

4

Q4.7-2 How should an expert community be formed?

- 🟩 1. Through Regional Associations
- 🟦 2. Utilizing existing collaboration frameworks
- 🟨 3. Forming a new framework

More than half NMHSs said an expert community should be formed through Regional Associations. Few NMHSs said it should be formed by a new framework.

Himawari products & JAXA/GSMaP

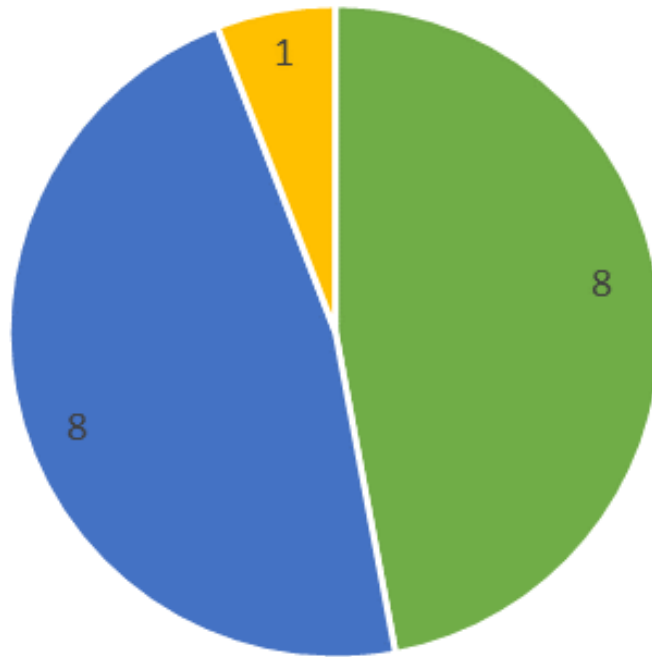Southeast Asian Radar Network

Tokyo Action Plan 2018

6

Let's remember this chart. In the WIGOS era, we need to combine both existing and new frameworks to integrate observation systems.

Q4.7-3 How should we develop future experts in an expert community?

- 🟩 1. Hold workshops
- 🟦 2. Dispatch experts for guidance
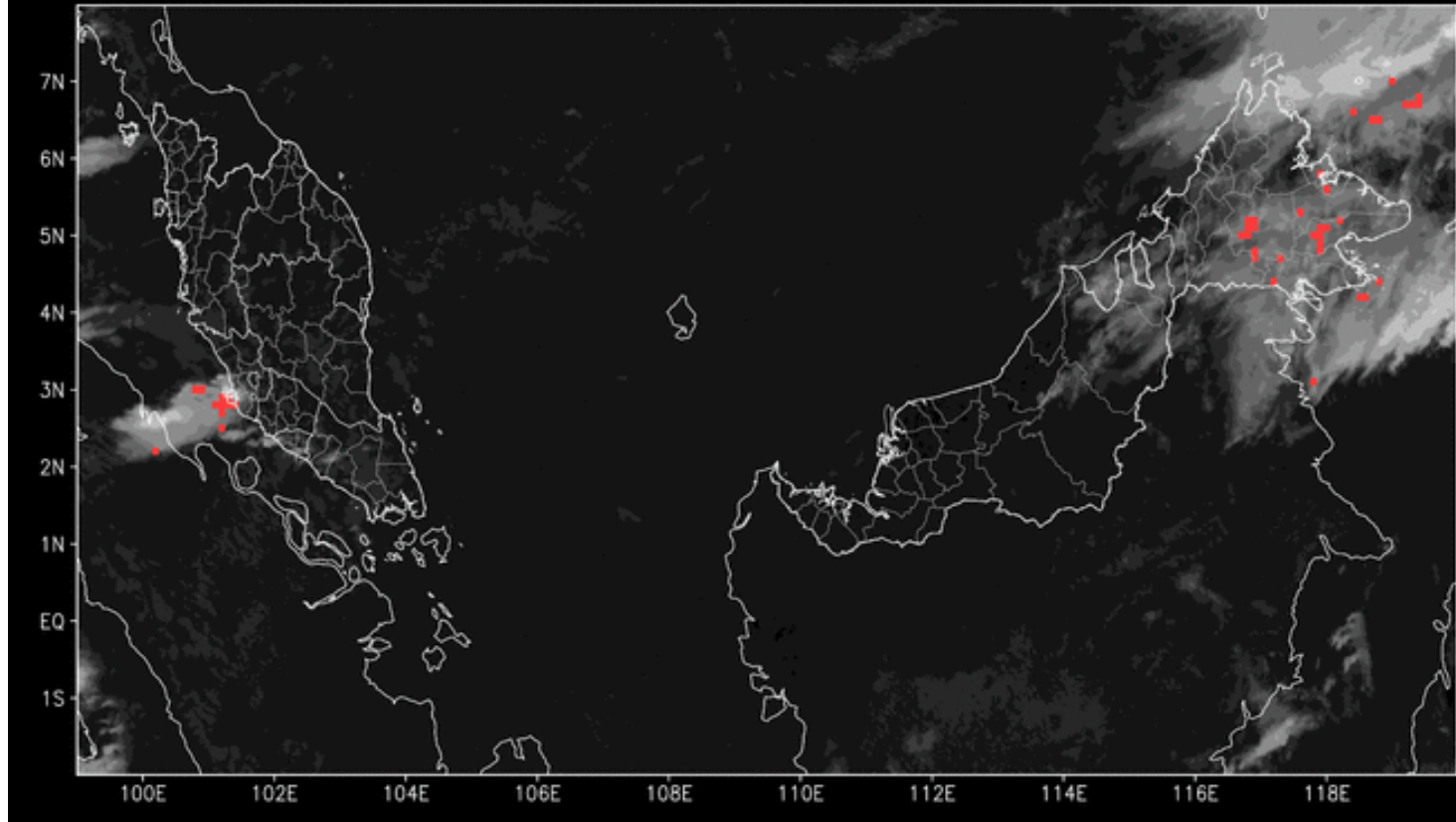- 🟨 3. Making opportunities for distance learning

Few NMHSs indicated that future experts should be developed by making opportunities for distance learning.

WORKING TOGETHER

Rapid Developing Cumulus Area (RDCA) — 20180723:0330UTC   **Provided by MMD**

JMA collaborates with Malaysian Meteorological Department (MMD) to develop and enhance Rapidly Developing Cumulus Area (RDCA) products.

8

**Technical meeting on Himawari-8/9
Rapidly Developing Cumulus Area (RDCA) products
22-25 October 2018**

9
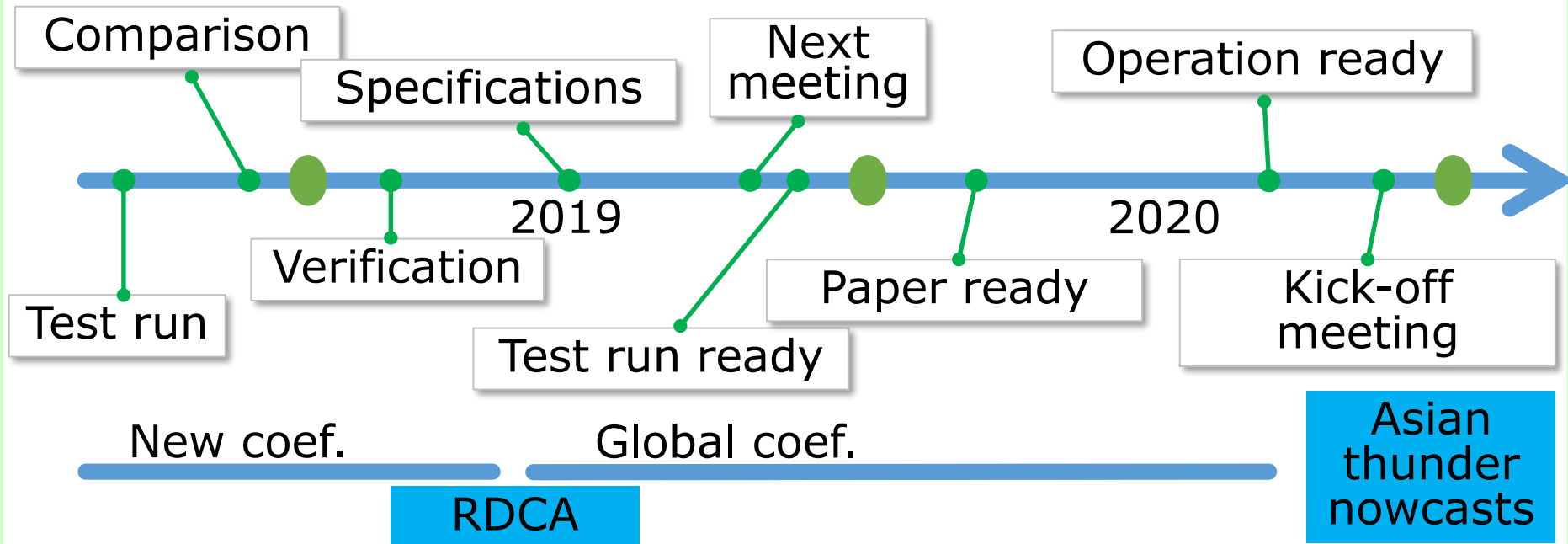
MMD and JMA held technical meetings last October to exchanged information on recent progress and ideas for advanced products.

WORKING TOGETHER

Comparison

Specifications

Next meeting

Operation ready

Test run

Verification

2019

Test run ready

Paper ready

2020

Kick-off meeting

New coef.

Global coef.

RDCA

Asian thunder nowcasts

10

Note that most of our collaborative activities are conducted using telecommunication.

Malaysian Meteorological Department (MMD) and JMA Collaboration