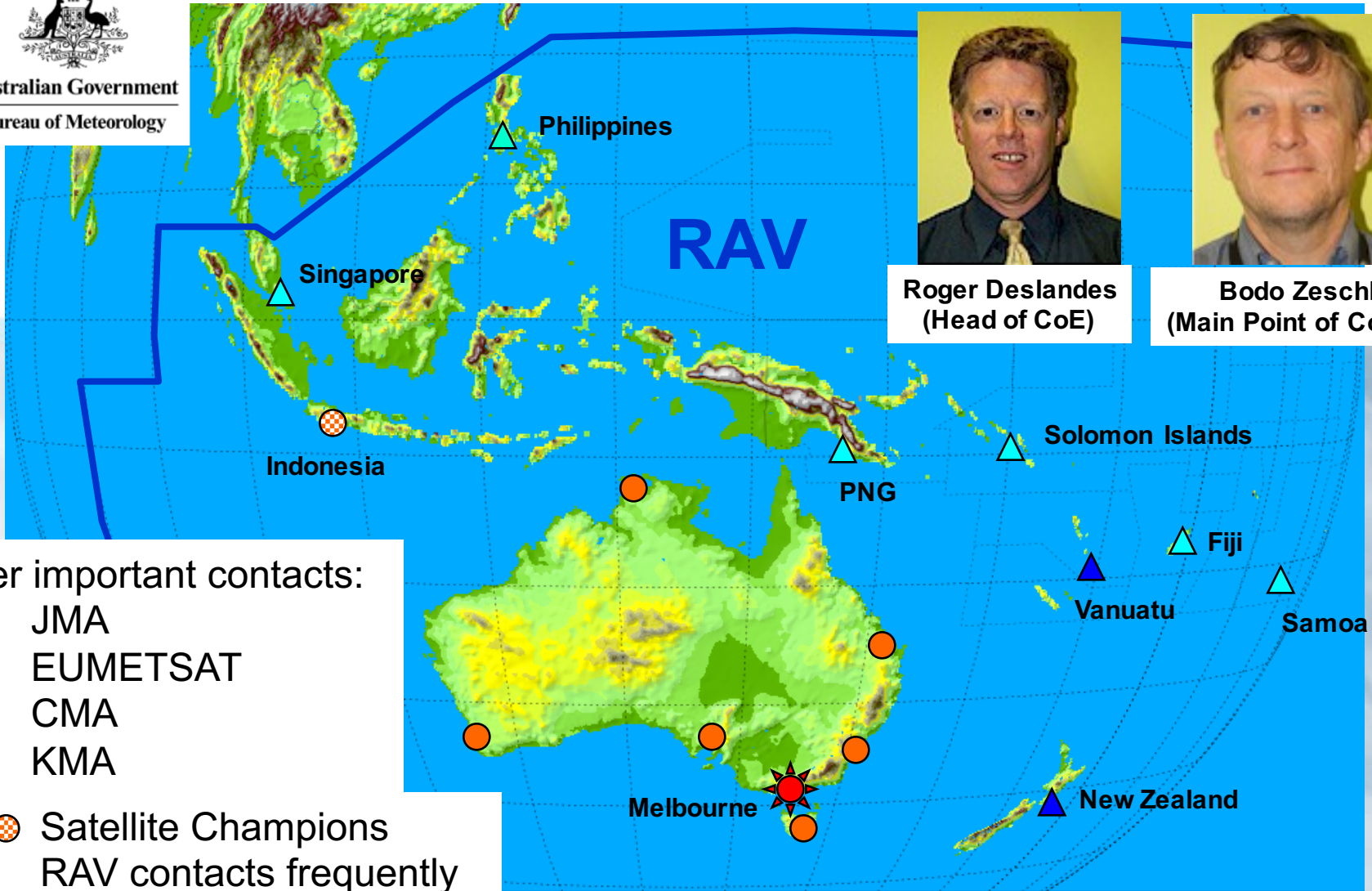


# Australian VLab Centre of Excellence and RAV contacts



Australian Government  
Bureau of Meteorology



Roger Deslandes  
(Head of CoE)



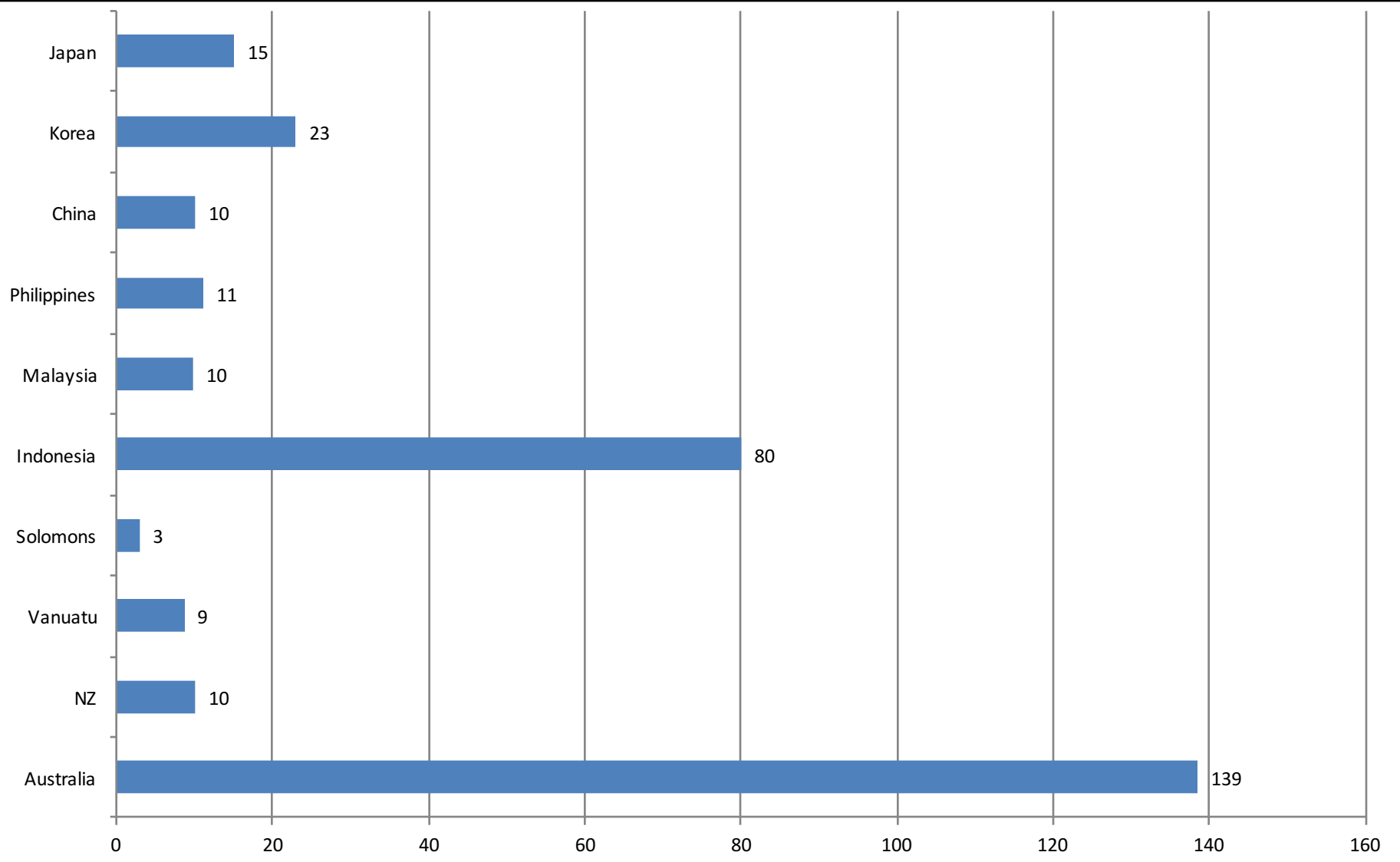
Bodo Zeschke  
(Main Point of Contact)

## Other important contacts:

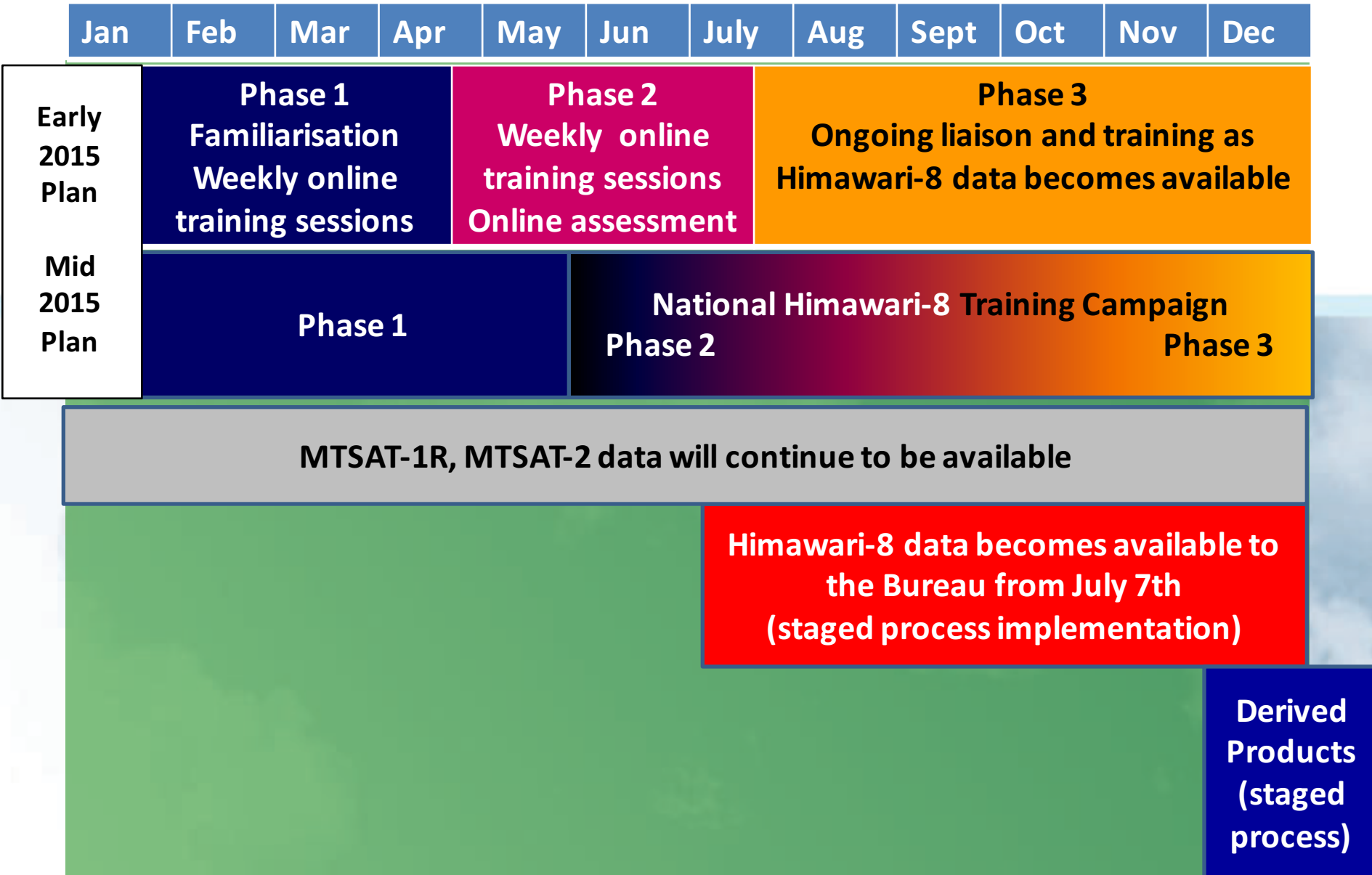
- JMA
- EUMETSAT
- CMA
- KMA

- ● Satellite Champions
- ▲ RAV contacts frequently attending our training
- ▲ Other RAV contacts

# Regional focus Group: 317remote participants: March 2015 - Feb 2016

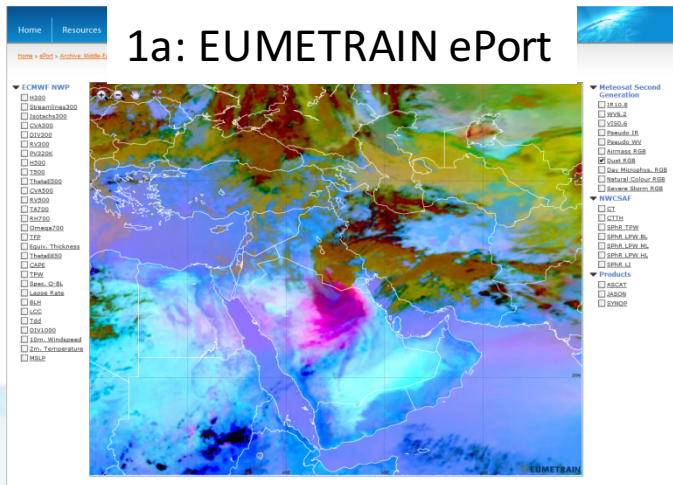


# Timelines for Himawari-8 Data and Training



# How existing satellite resources were utilised to simulate Himawari-8 data prior to the availability of this data.

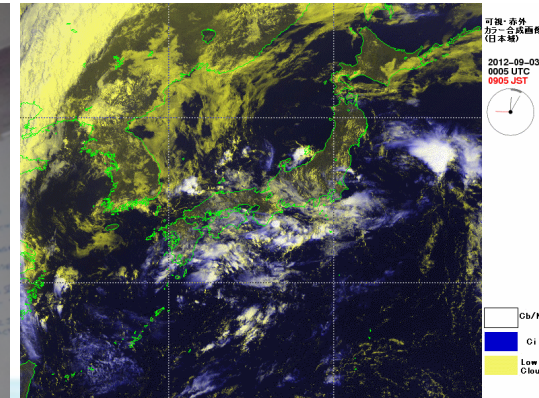
## 1a: EUMETRAIN ePort



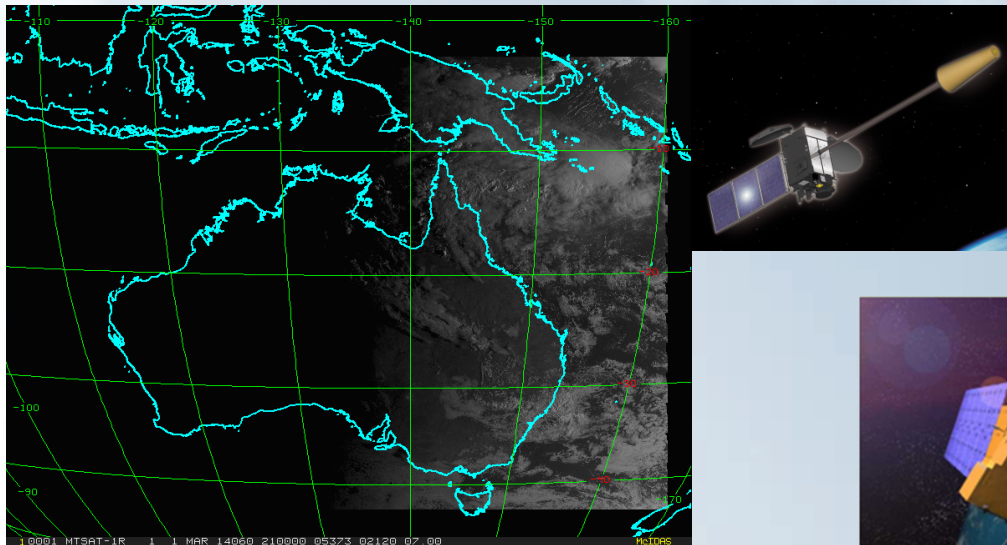
The image shows a screenshot of the EUMETRAIN ePort website. The main area displays a map of Europe with various satellite data layers overlaid, including cloud cover and precipitation. The sidebar on the left contains a list of data products, and the sidebar on the right contains a list of satellite sensors. The website header includes 'Home' and 'Resources' links.



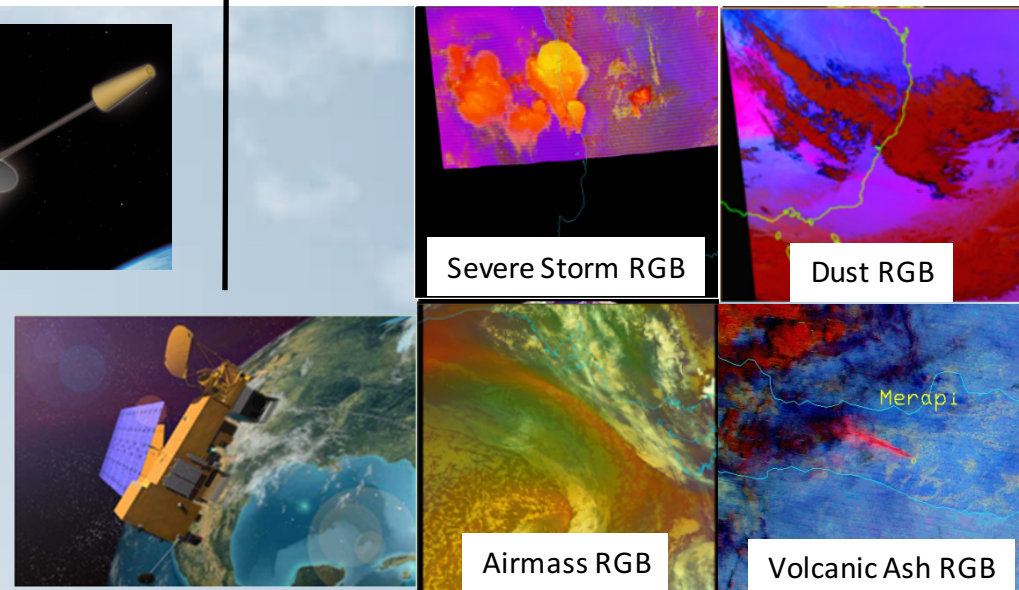
1b: DVD's of case studies from JMA



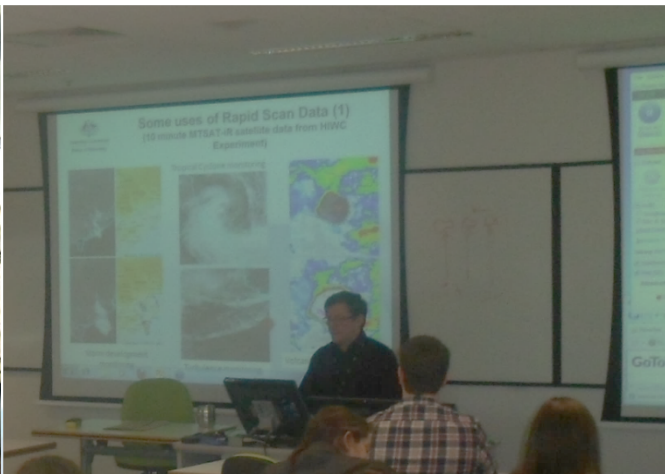
## 2a: MTSAT-1R Rapid Scan (HIWC Experiment)



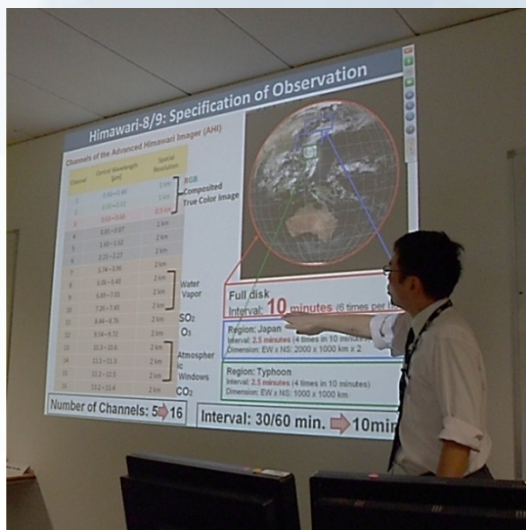
## 2b: RGB products from MODIS data



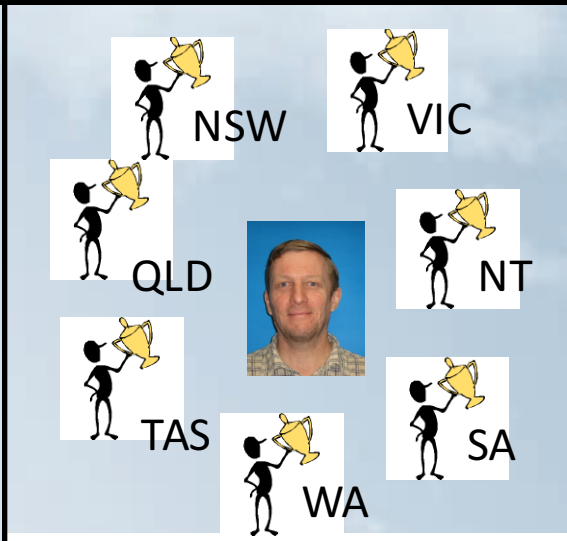
# Collaboration with and gaining stakeholder engagement (prior to the availability of the Himawari-8 data)



1: Classroom and remote training (AFC, AOMSUC-4, RFG meetings)



2: Guest Experts



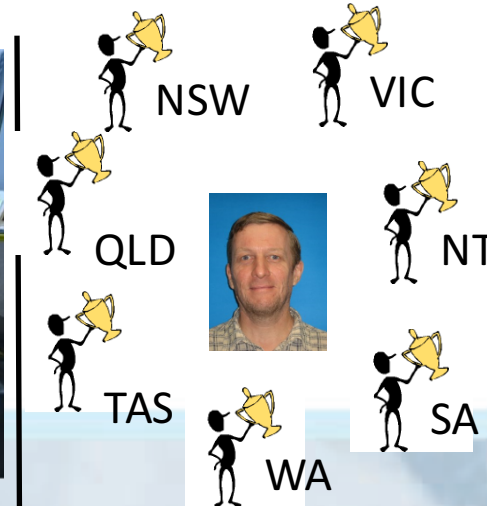
3: Communication with Champions/stakeholders



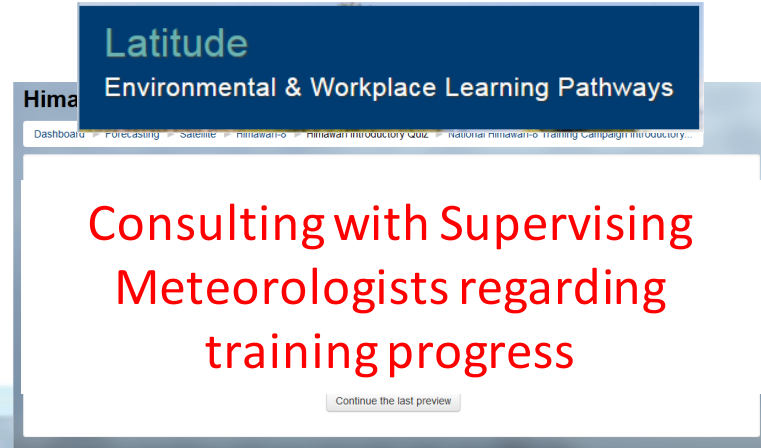
# Collaboration with and gaining stakeholder engagement (after Himawari-8 data has become available)



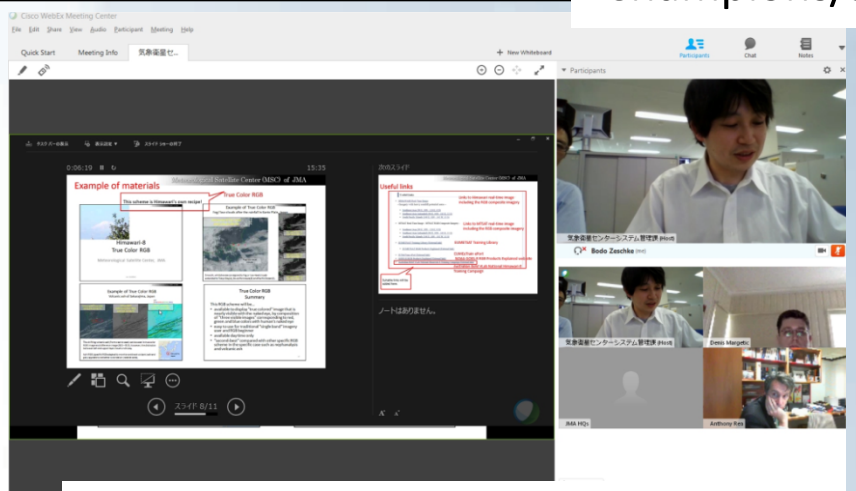
2: Talking to Forecasters



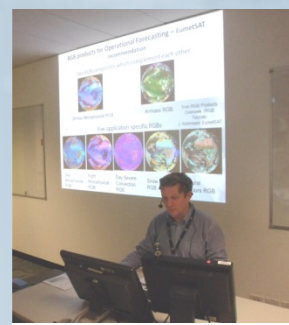
1: Communication with Champions/stakeholders



6: Internal Bureau Quiz



3: Collaboration with principal Satellite Operator (JMA)



4: Ongoing Tutorial Sessions



5: Himawari-8 presentations by stakeholders

# A summary of the achievements of the H-8 Training Campaign to date, and plans for the future. (January to October 2015)



- Attendees to the 15 Tutorial Sessions: 156
- Hits on the National Himawari-8 Training Campaign web page: 14,042

# Integrating WMO-1083 Capabilities and EUMETSAT/BMTC Enabling Skills into the training

**Australian Government Bureau of Meteorology** Melbourne VLab Centre Of Excellence

Home | Satellite Products | Events | **Training** | Blog | News | Archive | Links | Contact Us

Basic Satellite Competencies  
Advanced Satellite Meteorology Training  
RegionV Case Studies  
The use of Satellite data in Tropical Cyclone Analysis  
Useful Satellite Training Links  
Regional Focus Group Weather and Forecast Discussion Links  
**National Himawari-8 Training Campaign**

**Sponsoring Satellite Operator**

- JMA/MSC
- JMA Virtual Laboratory
- Himawari 8/9 sample data

**National Himawari-8 Training Campaign**

The Campaign will assist Australian Bureau of Meteorology, WMO Region V and other stakeholders in preparing for the effective use of Himawari-8 data prior to its availability using existing satellite resources. Ongoing liaison and training to stakeholders will be given once the Himawari-8 data becomes available.

Phase 1: Familiarisation Resources (rapid scan)	Learning Outcomes	Phase 1: Familiarisation Resources (RGB products)
Phase 2: Introduction, Resources and Studies	Instructions and Timeline	Phase 2: Himawari-8 and related satellite Blogs
Phase 2: Tutorial		Phase 1: Tutorial

**WMO Learning Objectives**

- WMO BIP-M Learning Objectives
- Basic Satellite Competencies
- "Training Objectives" (Environment Canada)
- Satellite Skills and Knowledge for Meteorological Forecasters Enabling Skills draft document

**Enabling Skills**

<http://www.virtuallab.bom.gov.au/>





# VLab web meeting

Eastern Group - 10<sup>th</sup> March 2016, 08 UTC



Australian Government

Bureau of Meteorology

## Australian CoE activities

Present / ongoing	Monthly Regional Focus Group meetings	Monthly since October 2013
	National Himawari-8 Training Campaign: <ul style="list-style-type: none"><li>• Currently in the Training /Assessment/Ongoing Support Phase.</li></ul>	Since 23 <sup>rd</sup> January 2015
	Development / application of the "Satellite Enabling Skills" document	Since early 2014
Upcoming Training / Liaison	Participation at the BMKG 2015 Workshop of Himawari-8 Data Utilisation, Jakarta.	2-4 May 2016

# Vanuatu Participation in the Regional Focus Group for Weather and Forecasting Discussion



Forecasters participate in one of the live discussion at the Forecasting and Service Division of VMGO

Vanuatu Meteorology & Geo-Hazard Department is part of the RA V Regional Weather and Forecasting Discussion which meets once every month through VLab links.

RA V Centre of Excellence which is based at the Bureau of Meteorology (BOM) in Melbourne, Australia is responsible for hosting this events

