

Progress Report on the RA II WIGOS Project

to Develop Support for NMHSs
in Satellite Data, Products and Training

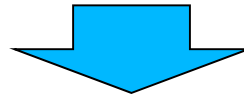
Co-coordinator, JMA and KMA

Presented to CGMS-43 plenary session, agenda item [I.3]

I-1 History of RA II WIGOS Project

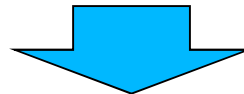
“Pilot Project to Develop Support for NMHSs in Satellite Data, Products and Training”

- ✓ Adopted in the 14th session of WMO Regional Association II (XIV-RA II), held in Tashkent, Uzbekistan in December 2008



Procession to a WMO RA-II WIGOS Project

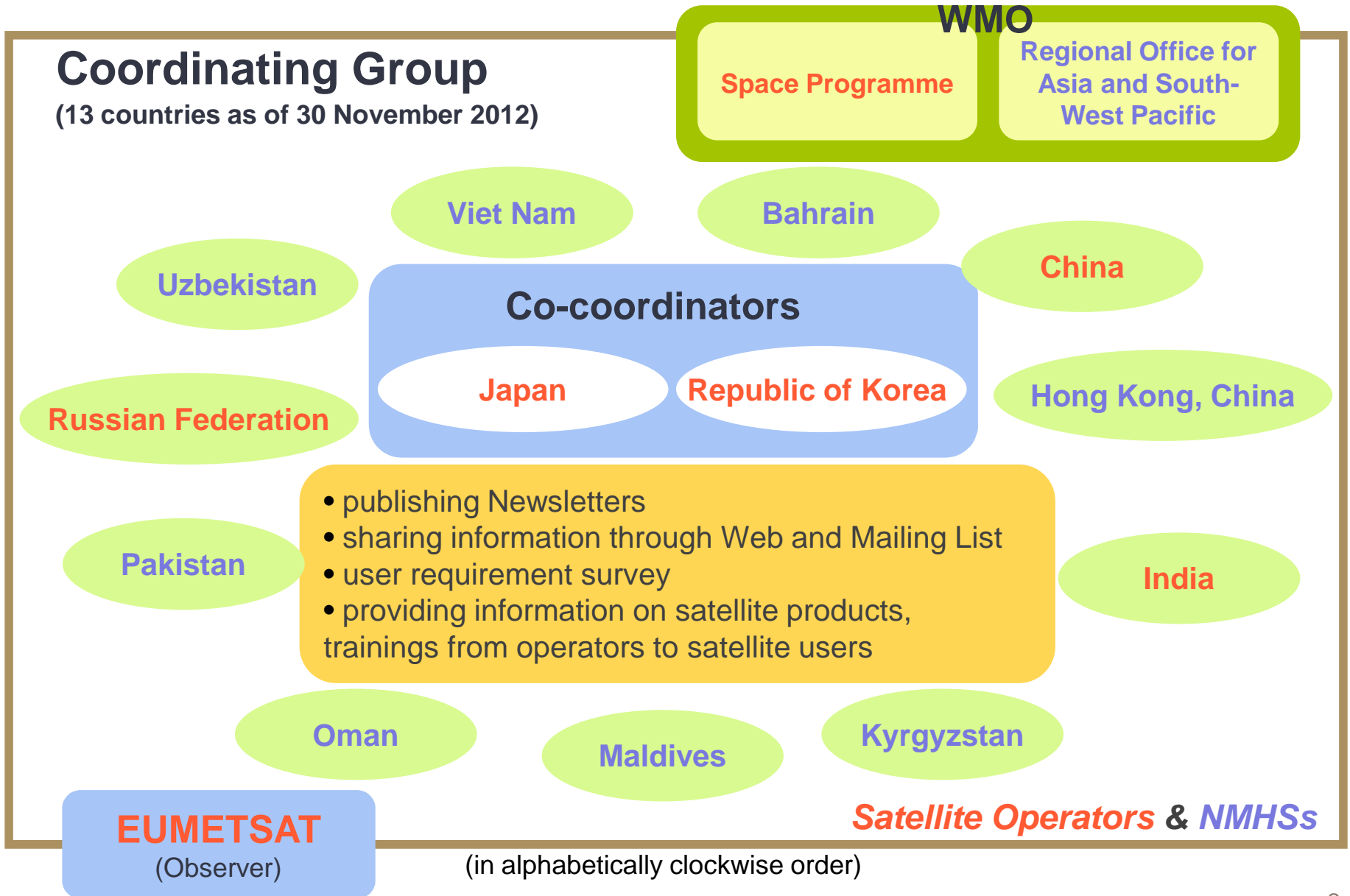
- ✓ Agreed in the **2nd Coordination Group Meeting at Jeju, Republic of Korea on 8 October 2012**



“RA II WIGOS Project to Develop Support for NMHSs in Satellite Data, Products and Training from 2013”

- ✓ Decided at the **15th session of WMO RA II (RA II-15) at Doha, Qatar on 13-19 December 2012**

I-2 Coordinating Group Members



II. First to Fourth-Phase Accomplishment

1st: Sep. 2009 – Aug. 2010
2nd: Sep. 2010 – Aug. 2011
3rd: Sep. 2011 – Aug. 2012
4th: Sep. 2012 – Aug. 2013

1. **Quarterly newsletters** for RA II Members
2. Establishment of **RA II Pilot Project Webpage** on the WMO Space Programme (WMOSP) website (hosted by WMOSP)
3. Establishment of **Portal Site** for accessing satellite imagery, data and products as well as training on the Webpage
4. Conducting **RA II Pilot Project questionnaire** on the web to understand the needs of satellite data users in RA II
5. Operating on-site “**Training Program**” of satellite data processing, utilization and application as part of VLab

II-1 Quarterly Newsletters

Contents

- Information on **access** to satellite imagery, data and products, including application products
- **News** on meteorological satellites and new services
- **Progress** in the Pilot Project
- **Introduction to the activities** of other RAs and WMO VLab activities
- Information on **training activities** and satellite related **meetings**

Issued Date

News letters have been issued almost quarterly.

Newsletter Vol. 1 No. 1, Sep. 2009

Newsletter Vol. 1 No. 2, Apr. 2010

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Newsletter Vol. 3 No. 3, Jul. 2012

Newsletter Vol. 3 No. 4, Sep. 2012



II-2 Coordinating Group Meeting

The 1st Meeting in Tokyo, Japan, 21–23 February 2011

- Agreed to clarify satellite users' needs and determine the status of utilization through the **RA II Pilot Project questionnaire** system;
- Agreed to share information on access to satellite imagery, data, products and training information through the **RA II Pilot Project portal site**; and
- Shared an understanding that **cultivating human resources is essential** in promoting the utilization of satellite products.

The 2nd Meeting in Jeju, Korea, 8 October 2012

- 4th phase action plan agreed to continue and extend on-going activities
- Agreed to proceed to **a WMO RA-II WIGOS project**

III. Progress and Plan of the RA II WIGOS Project

- **RA II WIGOS Project NEW webpage**

http://www.jma.go.jp/jma/jma-eng/satellite/ra2wigosproject/ra2wigosproject-intro_en_jma.html



Meteorological Satellites -JMA-

RA II WIGOS Project to Develop Support for NMHSs in Satellite Data, Products and Training

Co-coordinator

Japan Meteorological Agency KMA Korea Meteorological Administration A New Era of Hope

Under the auspices of

World Meteorological Organization Weather • Climate • Water

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Background

The 14th session of WMO Regional Association II (XIV-RA II), held in Tashkent, Uzbekistan from 5 to 11 December 2008, adopted a resolution to establish a pilot project for the development of support for National Meteorological and Hydrological Services (NMHSs) in the areas of satellite data, products and training. After the session, the WMO Secretariat invited WMO Members to join the Pilot Project Coordinating Group, whose members as of 31 May 2011 are Japan (Co-coordinator), the Republic of Korea (Co-coordinator), Bahrain, China, Hong Kong – China, India, Kyrgyzstan, Maldives, Oman, Pakistan, the Russian Federation, Uzbekistan, Vietnam and, as an observer, EUMETSAT.

At the 15th session of Regional Association II (XV-RA II) held in Doha, Qatar in December 2012, it was decided that the RA II Pilot Project to Develop Support for NMHSs in Satellite Data, Products and Training should continue and become the RA II WIGOS Project from 2013 in light of its importance in improving dialogue between satellite providers and users in the Region.

The Association stressed the importance of identifying and regularly documenting Region-oriented

III-1 Accomplishments (Jan. 2013 ~ April 2015)

- Quarterly Newsletters to RA II Members
 - Issued Date
 - Vol. 4/No. 1, April 2013
 - Vol. 4/No. 2, June 2013
 - Vol. 4/No. 3, November 2013
 - Vol. 4/No. 4, December 2013
 - Vol. 5/No. 1, March 2014
 - Vol. 5/No. 2, August 2014
 - Vol. 5 No. 3, October 2014
 - Vol. 5 No. 4, December 2014
 - Vol. 6 No. 1, March 2015

III-1 Accomplishments (Jan. 2013 ~ April 2015)

- 4th Asia/Oceania Meteorological Satellite Users' Conference
 - The conference was held in Melbourne, Australia from 9-11 October 2013.
 - The conference was hosted and sponsored by the Australian Bureau of Meteorology (AuBOM) and was co-sponsored by CMA, JMA, KMA and WMO
 - The conference was preceded by a two day training event at the AuBOM training facilities and brought together participants from Region II and V.

- 5th Asia/Oceania Meteorological Satellite Users' Conference
 - CMA hosted the fifth AOMSUC in Shanghai in October of 2014.
 - Like as AOMSUC-3 and AOMSUC-4, the RA II WIGOS Project to develop support for NMHSs in satellite data, products and training cooperated.

III-2 Future Plan

- Supportive activities for preparation of satellite data users to the new generation of geostationary meteorological satellites
 - The new generation geostationary meteorological satellites such as Himawari-8, FY-4A, GEO-KOMPSAT-2A are planning to be operated from next year, 2015.
 - The RA II WIGOS Project to develop support for NMHSs in satellite data, products and training will support for preparation of the NMHSs in RA II especially developing countries including LDCs to the new satellites.
 - It will involve user training, guidance to upgrade processing software and hardware, information and tools.
- Issuance of quarterly newsletters is also continued

III-2 Future Plan (cont.)

- 3rd Meeting of the Coordinating Group of the RA II WIGOS Project
 - The third meeting of the Coordinating Group of the RA II WIGOS Project will be held in 2015 on the occasion of the sixth AOMSUC in Japan.
 - The training event using new satellite data will be also planned by JMA on the occasion of the Conference.
- 6th Asia/Oceania Meteorological Satellite Users' Conference
 - JMA hosted the sixth AOMSUC in Tokyo in November of 2015.
 - Training event on RGB composite product lead by JMA, KMA, BoM and possibly CMA
 - It is suggested to continue such a cooperative training event in conjunction with AOMSUC-7 and follow-ons.

Thank You !!