

Sentinel Asia Activity toward the 3rd World Conference on Disaster Risk Reduction(WCDRR)

November 2014

Secretariat of Sentinel Asia

JAXA/Disaster Management Support Systems Office (DMSSO)

Purpose

- To recognize the position and importance of the Sentinel Asia as a regional effort and outcome from Hyogo Framework for Action (HFA).
- To recognize the significance of activities and features of Sentinel Asia towards the Post HFA.
- To obtain supports from Sentinel Asia members in each process towards the draft of Post HFA and wrap-up of the HFA.

Hyogo Framework for Action 2005-2015 (HFA):

Three Strategic Goals

- a) The integration of disaster risk reduction into sustainable development policies and planning
- b) Development and strengthening of institutions, mechanisms and capacities to build resilience to hazards
- c) The systematic incorporation of risk reduction approaches into the implementation of emergency preparedness, response and recovery programmes

Five Priorities for Action

- 1. Ensure that disaster risk reduction (DRR) is a national and a local priority with a strong institutional basis for implementation
- 2. Identify, assess and monitor disaster risks and enhance early warning
- 3. Use knowledge, innovation and education to build a culture of safety and resilience at all levels
- 4. Reduce the underlying risk factors
- 5. Strengthen disaster preparedness for effective response at all levels

Implementation and Follow-Up

Subtitle:

Building the Resilience of Nations and Communities to Disasters

Foresight to enhance the regional activity



Expectation to the use of Space technology

(k)... Promote the application of in situ and **space-based earth observations, space technologies, remote sensing,**...

[III .B .2 (para17) .(iii) k.]

(d) Promote the use, ..., communication and **space-based technologies and related services, as well as earth observations...**

[III .B .3 (para18) .(i) d.]

(f) ...These initiatives should include the development of..., the full and open exchange of data and the use of in situ and **remotely sensed observations;**

[IV.D (para32) .f.]

The 3rd World Conference on Disaster Risk Reduction (WCDRR) and Post HFA

Expected Outcome of WCDRR

- A) the post-2015 framework for disaster risk reduction
- B) the voluntary commitments of stakeholders
- C) the political declaration

Expected consideration for post HFA, additional from HFA

1. Sustainability of development and resilience
2. Natural and technological hazards
3. International legal obligation and safeguard for prevention and reduction of disaster risk
4. Further cooperative efforts for trans-boundary and global characteristics of risk drivers
5. Availability of open source and open access



Cooperation with ADRC for WCDRR and post HFA

7 Key Areas for exploration in the Asia Pacific region for post HFA

#1: Building community resilience – turning vulnerability into resilience

#2: Integration: Sustainable development, climate change and disaster risk reduction

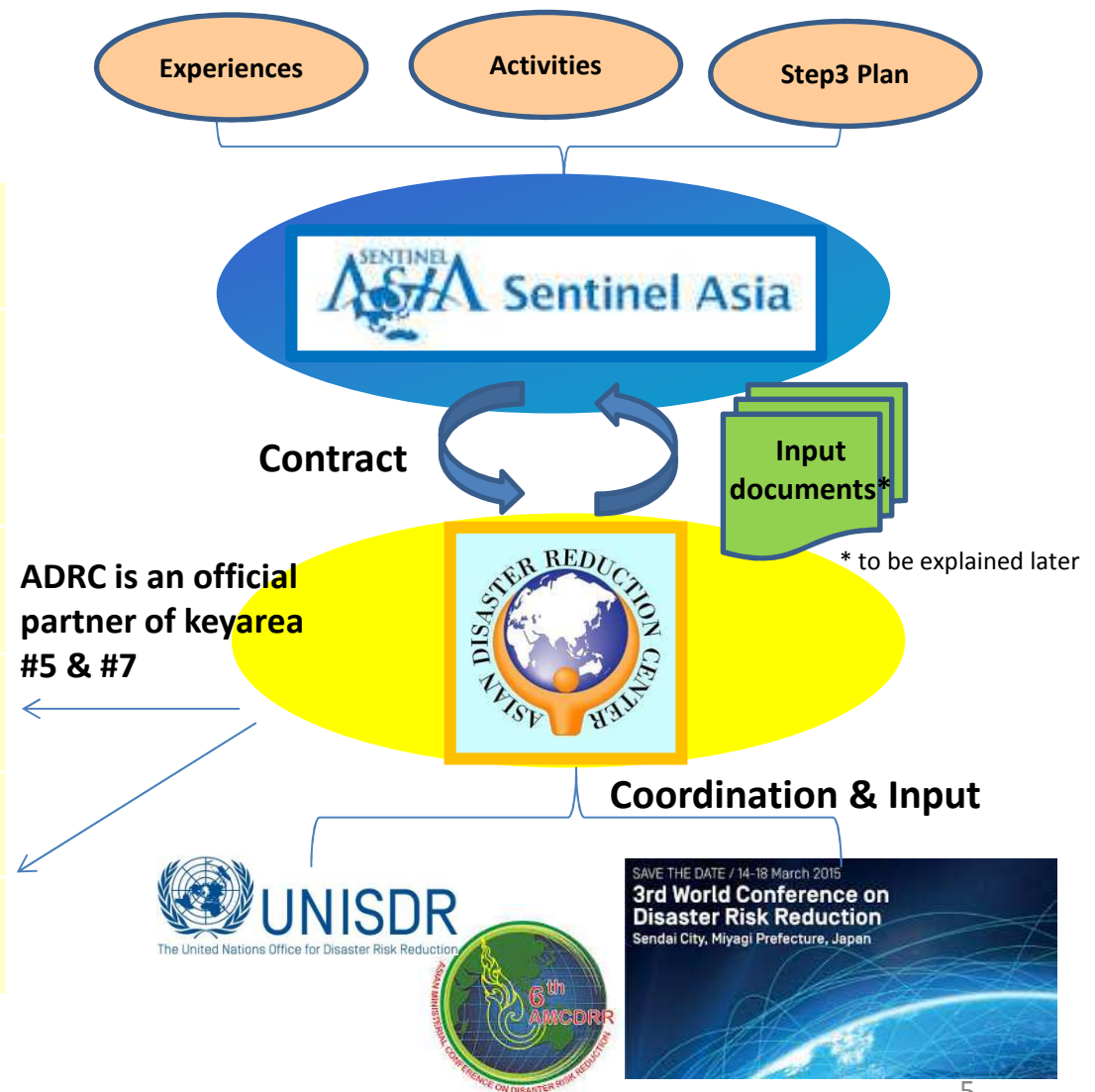
#3: Local level action

#4: Women as a force in resilience building, gender equity in DRR

#5: Reducing exposure/underlying risk factors

#6: Strengthening risk governance and accountability

#7: Incentivizing DRR in the private sector



Sentinel Asia Report for WCDRR

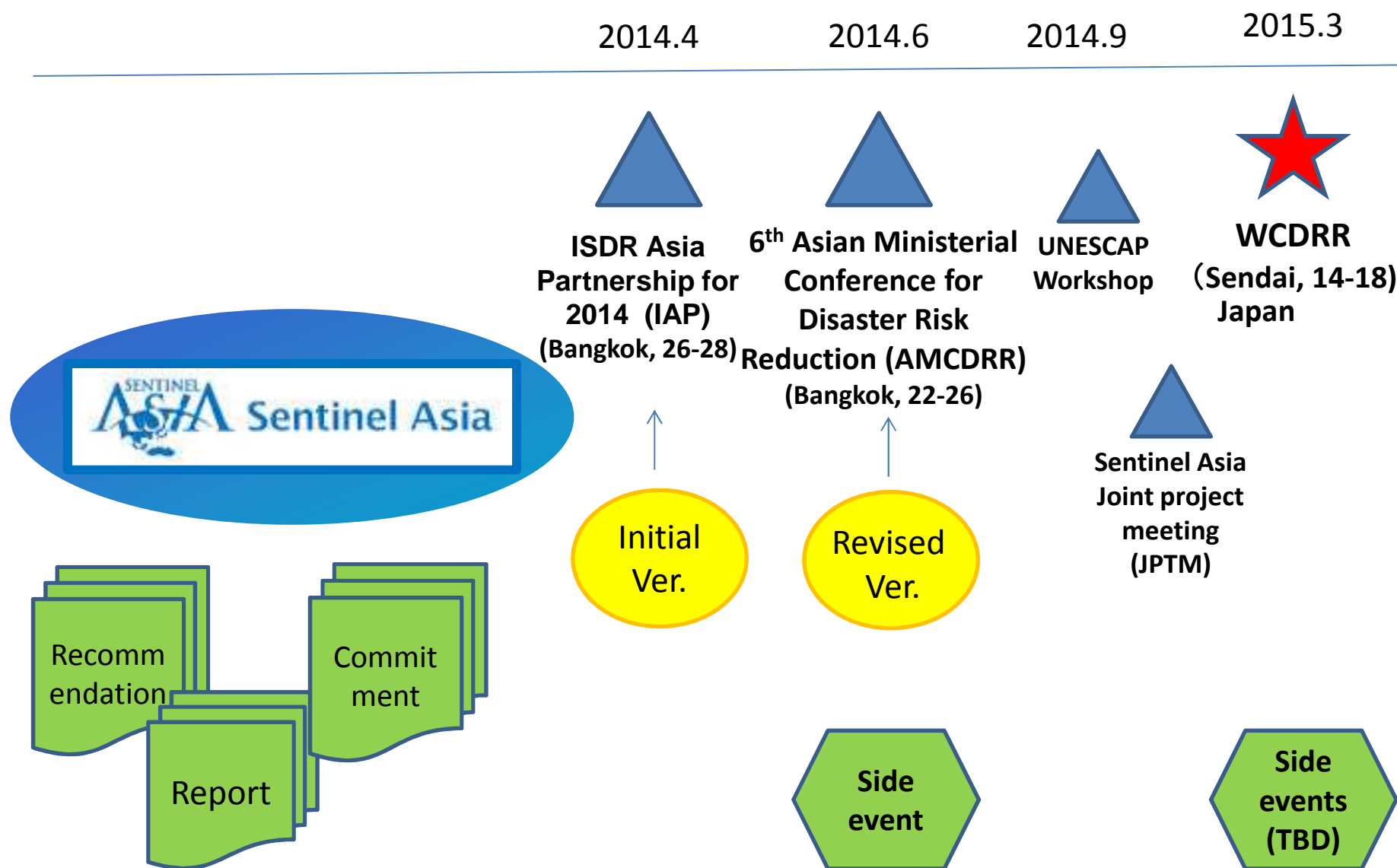
“Achievements of the SAIN the HFA and recommendation for the post HFA”

Achievements of the Sentinel Asia in the HFA
and recommendations for the Post-HFA

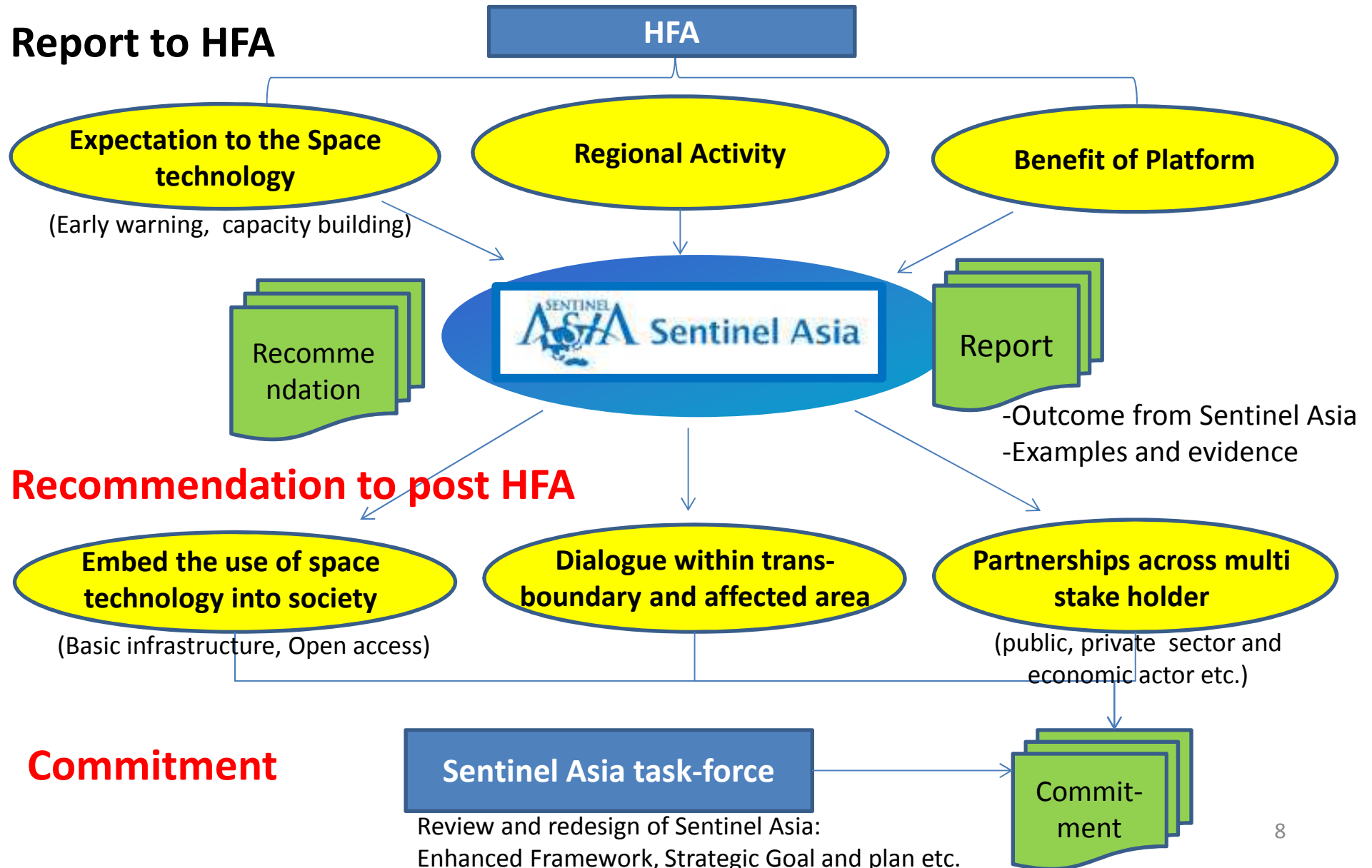
Secretariat of Sentinel Asia
Japan Aerospace Exploration Agency

- Initial Version released in Apr 2014
- Draft was submitted at IAP in Apr 2014
- also submitted at AMCDRR in Jun 2014
- sent to the Post HFA drafting team in Jul 2014
- circulated among JPTmembers for comments in Sept 2014

Milestones and events on WCDRR and post-HFA



Efforts of Sentinel Asia towards WCDRR



Goal of Sentinel Asia

-Getting through and beyond the post HFA-

- To achieve easy access and practical use of space technology
- To embed the space technology into the society's infrastructure
- To promote close dialogue and collaboration between providers and users

=> Sentinel Asia aims to contribute building and strengthen the Resilience and Implementation of SOP in the Asia-Pacific region with Space technology.

SOP: Standard Operating Procedures



Japan Aerospace Exploration Agency
Satellite Applications and Promotion Center
Sentinel Asia Project Office
E-mail : z-sentinel.asia@jaxa.jp

