



Sentinel Asia Evolution

Back Ground

- Sentinel Asia system has been developed in this ten years and is now on the stage to improve its operation.
- APRSAF-20(2013/12 Hanoi), Action was set to study the Sentinel Asia Evolution plan until next APRSAF-21(2014/12)
- JAXA internally set task force team and studied draft Evolution plan from last December till June
 - Asked organizations for comments to the draft Evolution plan and incorporated to the plan.
 - We appreciate any comments to the plan.

Issues

1. Need more Disaster reduction Organization, Enduser participation .
2. Limited number of organization to provide data and data analysis. Need more Organization's participation.
3. Need to decide preparation/Recovery phase Data Policy, to provide data rapidly.
4. To resolve issues in disaster reduction organization, to perform, extend success story.
5. Need a framework to discuss(ex. policy issues), make decision in Sentinel Asia.
6. For long time frame, SA organization need to be self reliant, independent.

As a result of study , we would like to propose:

Joint management plan

To push forward Step 3(2015-2019),

1. Joint Drive SA

Each organization to increase participation to Sentinel Asia(SA).

To work closely with participating organizations and activate each organization more, coordinate with each program. Establish self-independent continuing organization.

Cooperate with other organizations(Charter, GEO,CEOS).

2. For End Users

Utilize SA data, information ,to the government level and also to affected area's. Need to establish projects which matches the needs of each country.

3.Strategic management

Establish organization "Steering Committee" for strategic ,quick decision making purpose.Discuss Data policy, DPN, DAN Coordination, and Strategy of SA in long time frame.

Plan (Proposal)

1. Strategic organization

Establish Steering Committee Member will be , person supported SA establish ment , key member(DPN) of Sentinel Asia. JAXA will be secretariat.

Start coordination after APRSAF (Dec), 1st Steering Committee in March(TBD) .

Plan (Proposal)

2. Drive SA Jointly, End Users

(1) ▪ JAXA ALOS-2, GSMap data utilisation

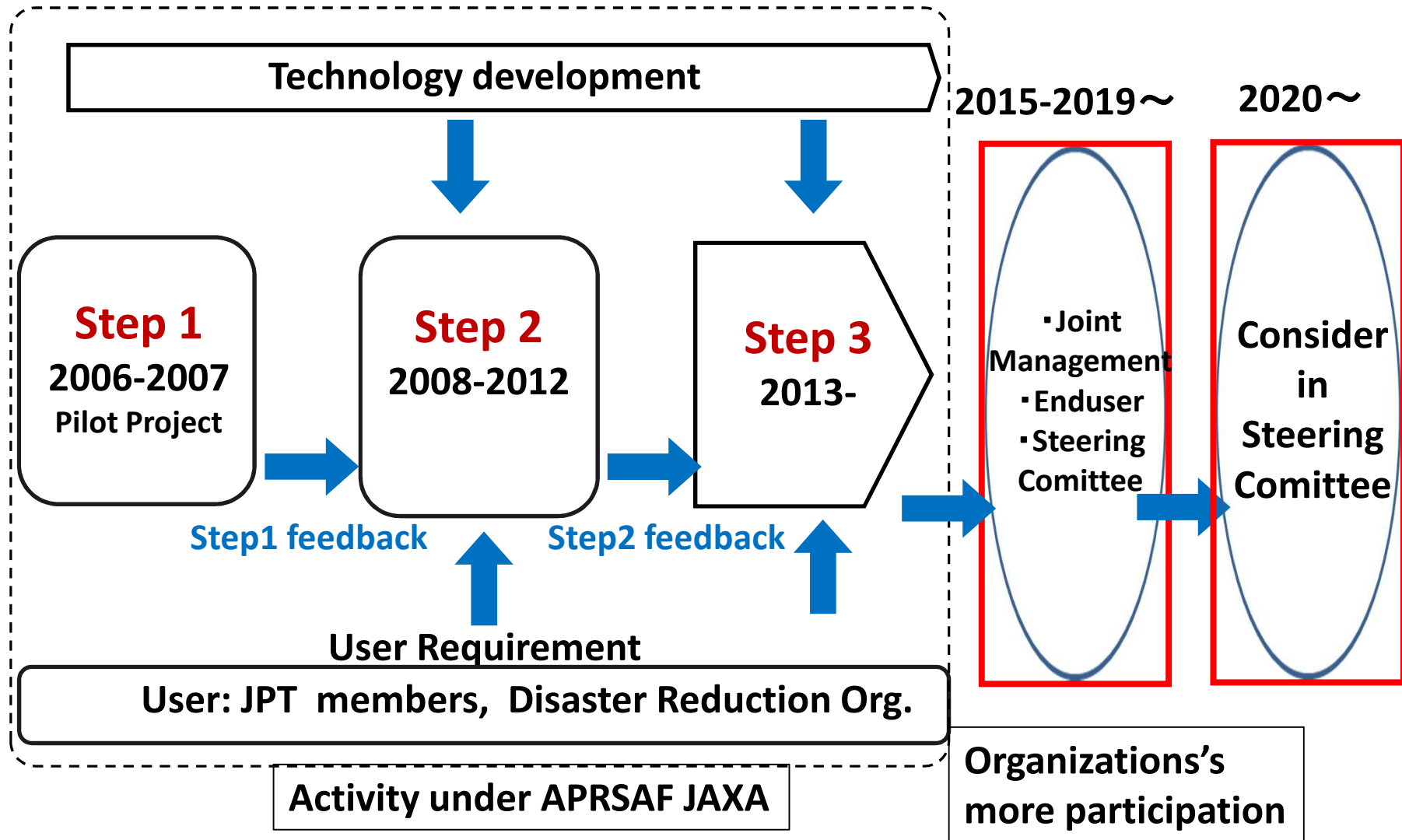
- Push Forward ,Philippines success story phase2.IFAS/GSMAP. Achievement to other countries.
- Extend Mini Project to other countries to utilize Emergency Observation data for End users.

(2) Utilize ADB Technical Assistance(TA) to Prep/Recover phaze monitor project. Take action to End user's needs.

(3) Others

UNESCAP:Outreach, JICA : Establish Project
Joint operation with ADRC, Proposal from ISRO
(Capability Development , Draught)

Sentinel Asia Evolution



New Sentinel Asia Concept (2015-2019)

Observation

Space Org.

EO satellites



Com Satellites



Data Transmission



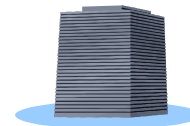
Data·Info
(Web-GIS)



Utilization

Disaster Reduction Org.

Goc Org.
(ADRC
etc)



Local Gov.
etc



End
Users



Human Network
Capacity Building/Outreach

Joint Drive

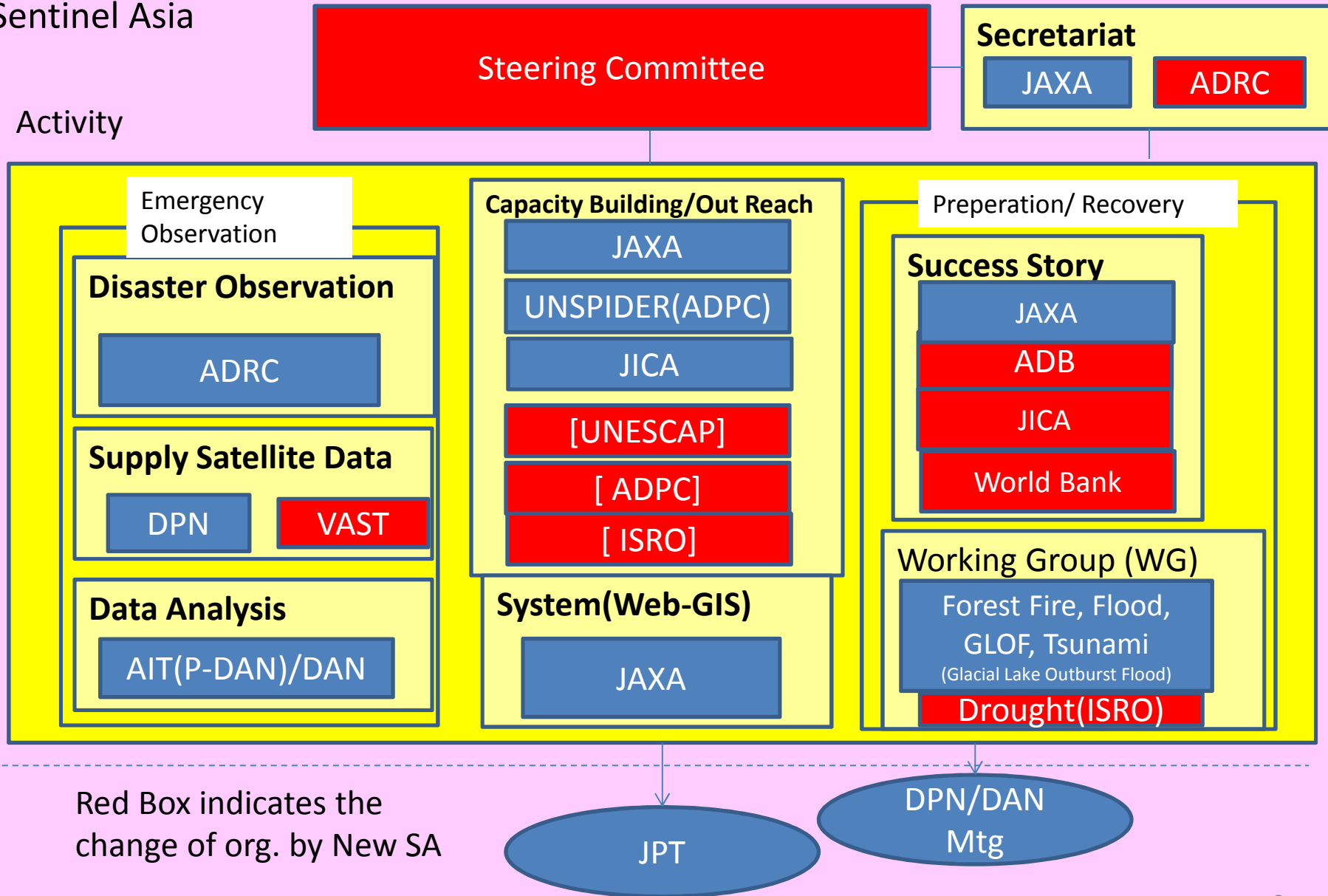
Each Participating Org.'s support (Use Org.'s Program) **For End user**
Cooperate with Disaster Org. (ADRC)
Cooperate with Org support Development (ADB, JICA, WB)
Cooperate with Int'l Frame Work (International Disaster Charter)

Strategic Management
Steering Committee

Joint Plan

Sentinel Asia

Activity



Schedule(Draft)

2014

Nov 19-21: JPT @Myanmar

Dec2-5 : Report at APRSAF-21

Dec : Start to consider action plan

2015

March : Steering Comittee (1st)

May : Asian Disaster management Meeting(TBD)

July : Steering Comittee (2nd)

August : finalize long term plan,goal for SA.

November : Final coordination in JPTM

December: APRSAF