Constructing New Utilization Vision

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Contents

1. We need a new vision
2. Direction of new vision
3. How to proceed

Example: Contents of New Vision
1. We Need a New Vision

- Sentinel Asia is the 1\textsuperscript{st} step of Disaster Management Support System (DMSS) and is to be developed within 2007.
- The Implementation Plan established by JPT covers only Sentinel-Asia. We don’t have any plan for 2008 onwards, yet.
- We only have two major conferences left in 2007 which are the 4\textsuperscript{th} JPTM and the 14\textsuperscript{th} APRSAF.

We are to start to establish a New Vision for post-Sentinel Asia.
DMSS Schedule

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<th>2008</th>
<th>2009</th>
<th>2010</th>
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<td>Next STEP</td>
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2. Direction of New Vision

We made Sentinel Asia to **share the disaster information** based on the concept described at the Implementation Plan.

New vision should more focus on **the utilization of the disaster information** to mitigate the damages.
Idea of Sentinel Asia based on New Vision

Earth Observation Satellites ➔ Receiving Stations ➔ Information on disasters ➔ Other Organizations

- Earth Observation Satellites
- Receiving Stations
- Information on disasters
- Other Organizations

Natural Disasters
- Earthquake
- Wild Fire
- Flood etc.

For Secure Society
- Save lives
- Reconstruction

Government Organizations in charge of disasters

- Observation Request
- Information Sharing Platform
- Recover
- Save
- Control
- Recover
- Search
- Rescue

Space Agencies

Other Organizations
- Map
- Statistic data
- Terrain Map
- Hazard Map
3. How to Proceed

• Set an ad-hoc team to establish New Vision for 2008 onwards.
• The ad-hoc team compiles New Vision and JPT reviews it at the 4th JPTM.
• JPT suggests New Vision at the 14th APRSAF to be approved.
Schedule

2007

Meeting

JPTM#3

JPTM#4

APRSAF-14

JPTM#5

Ad-hoc Team

Draft New Vision

Suggest to JPT

Suggest to APRSAF

JPT

Discuss & Approve New Vision

Implementation

March 13, 2007

JPTM-3, Singapore
Example: Contents of New Vision

- Scope
- Project goals
- Intended users
- Milestones
- Others
Scope

• Ad-hoc team will discuss and define the scope of New Vision.

Example

– New Vision is a fundamental plan of the project
– A detailed and technical plan shall be separately developed and maintained in accordance with the vision
Project Goal

• Ad-hoc team will discuss and define the project goals.

Example

– To contribute to disaster mitigation in the Asia-Pacific region through the following;
  • To obtain the information for disaster mitigation by satellites and the other tools.
Project Goal (cont’d)

Example (cont’d)

• To share the disaster information through the most suitable way for each country.
• To utilize the information to forecast, detect, or be prepared for disasters.
• To utilize the information for relief and recovery activities when a disaster strikes.
Intended Users

• Ad-hoc team will discuss and define the users

Example

• Users of Sentinel Asia are who:
  – utilize the information to forecast, detect, or be prepared for disasters.
  – utilize the information to contribute to relief and recovery activities when a disaster strikes.

• Main Users of Sentinel Asia are the government organizations who are in charge of disasters.
Project Name

“Sentinel Asia Project” is becoming a familiar name among the Earth Observation community through presentations at various international events (GEOSS, RESAP II/ESCAP, COPUOS, etc.)

Why don’t we use continuously the name “Sentinel Asia Project” from 2008 onward
Idea of Sentinel Asia based on New Vision

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Receiving Stations

Information on disasters

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Information
- Sharing
- Platform