



GEOSS Roadmap

*-GEOSS 10 year Implementation Plan targets,
GEO Work Plan tasks and their linkages-*

Draft
Version 0.4

March 2008

Architecture and Data Committee (ADC)

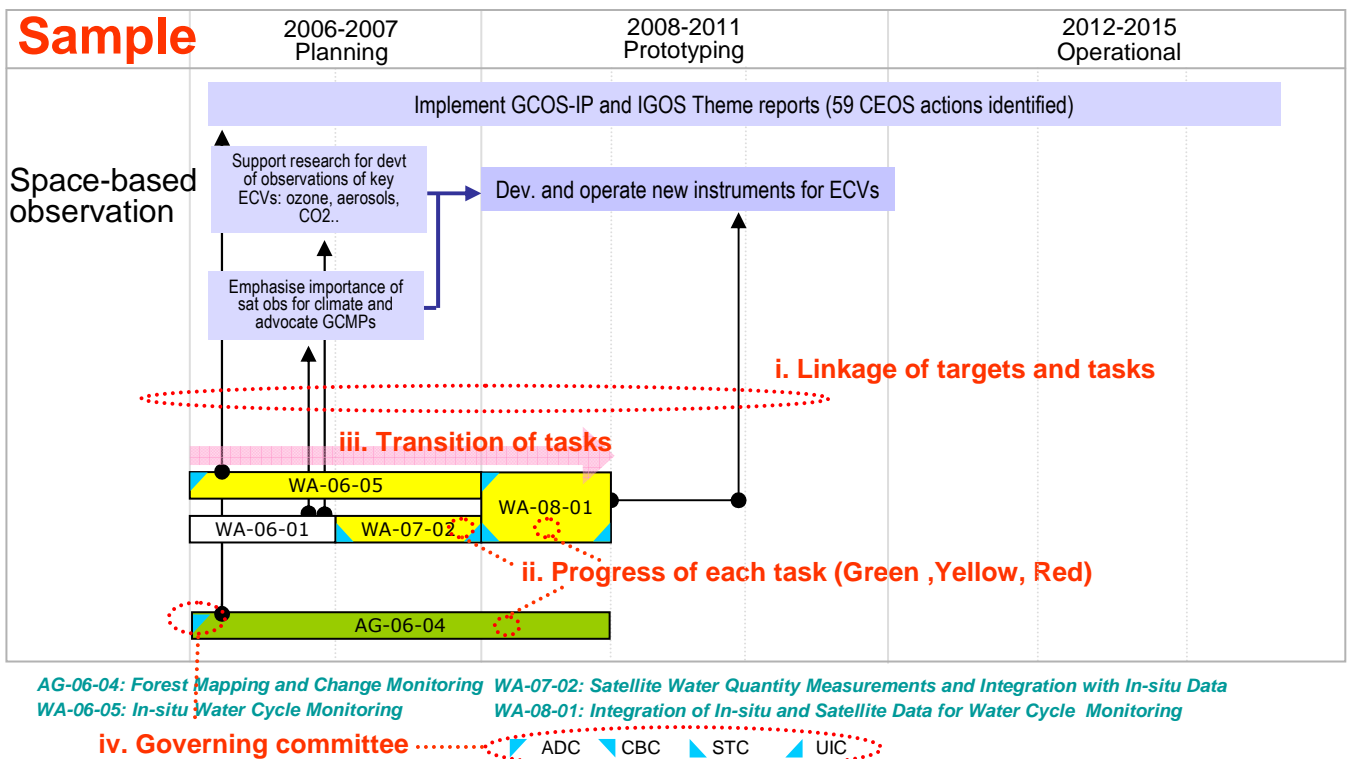
GEOSS Roadmap

■ **GEOSS roadmap has the following features;**

- ✓ It is two level roadmap (Target and Tasks) and the linkage of targets and task is shown.
- ✓ GEOSS Implementation Plan Reference Document 2 year, 6 year and 10 year targets are categorized for space-based observation, in-situ observation, integration, products, models, etc.
- ✓ Transition and evaluation of task is also given, with task progress shown in three colors (green: progressing well, yellow: progressing with some issue, such as delay in schedule, red: no progress or no report)

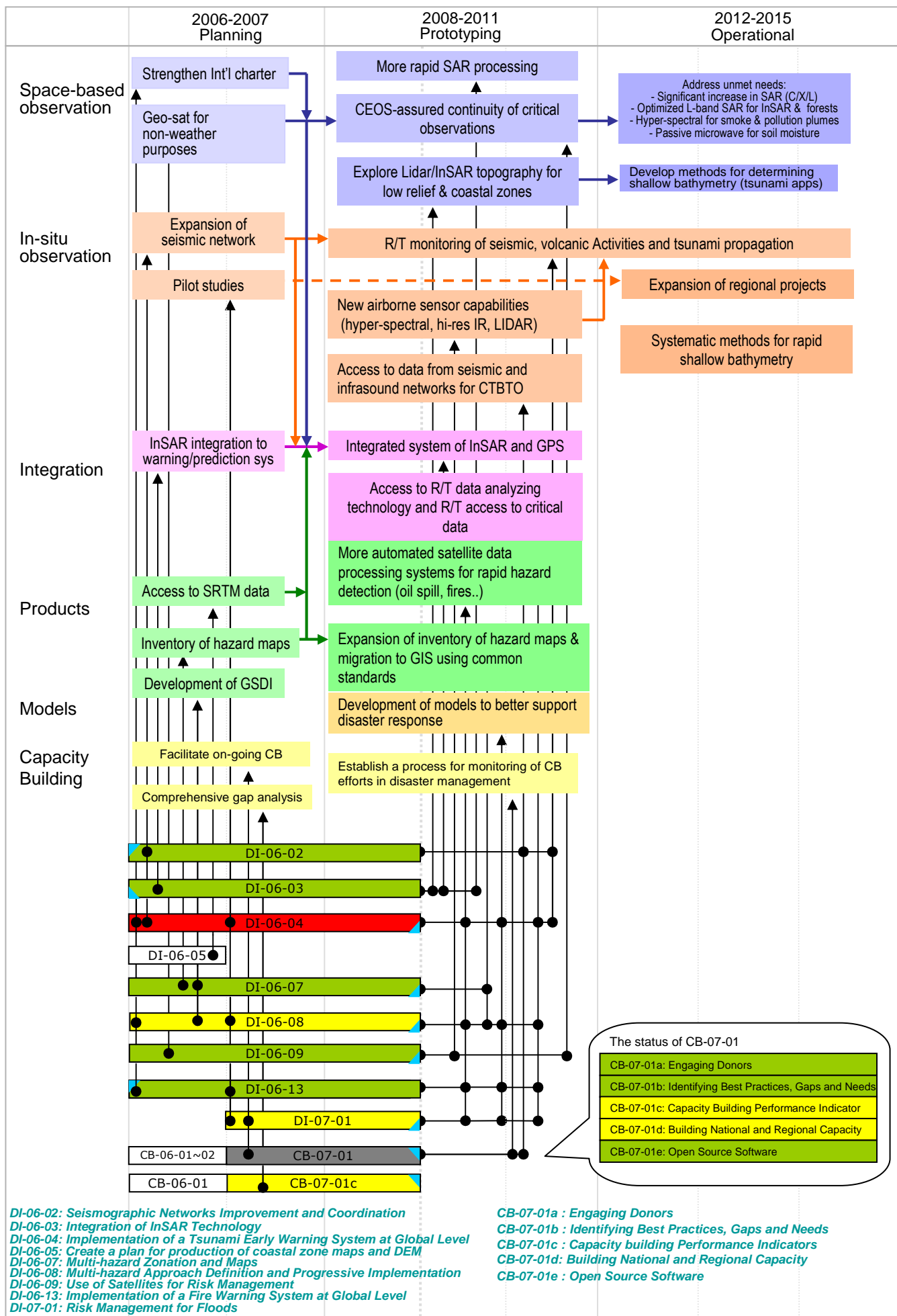
■ **The task-level roadmap is based upon the the following information;**

- i. **Linkage of targets and tasks** (Source: 2007-2009 Work Plan Progress Report, GEO IV)
- ii. **Progress of each task** (Source: 2007-2009 Work Plan Progress Report, GEO IV)
- iii. **Transition of tasks** (Source: Director's Note on the Work Plan, GEO III)
- iv. **Governing committee of each task** (Source: task sheet)



This GEOSS roadmap was prepared by Japan Aerospace Exploration Agency (JAXA) and Mitsubishi Research Institute (MRI) on behalf of ADC.

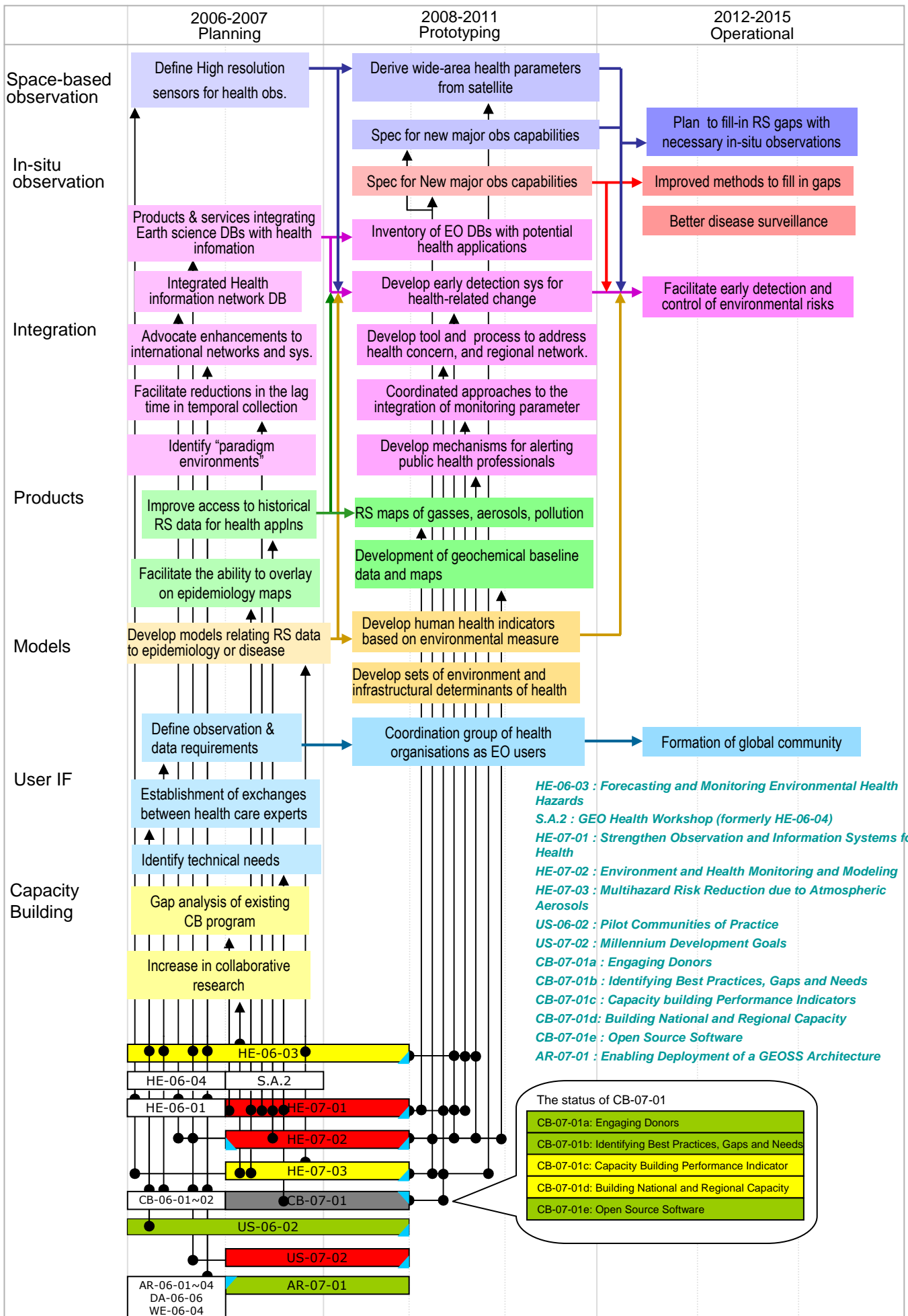
GEOSS IP Targets - Disaster



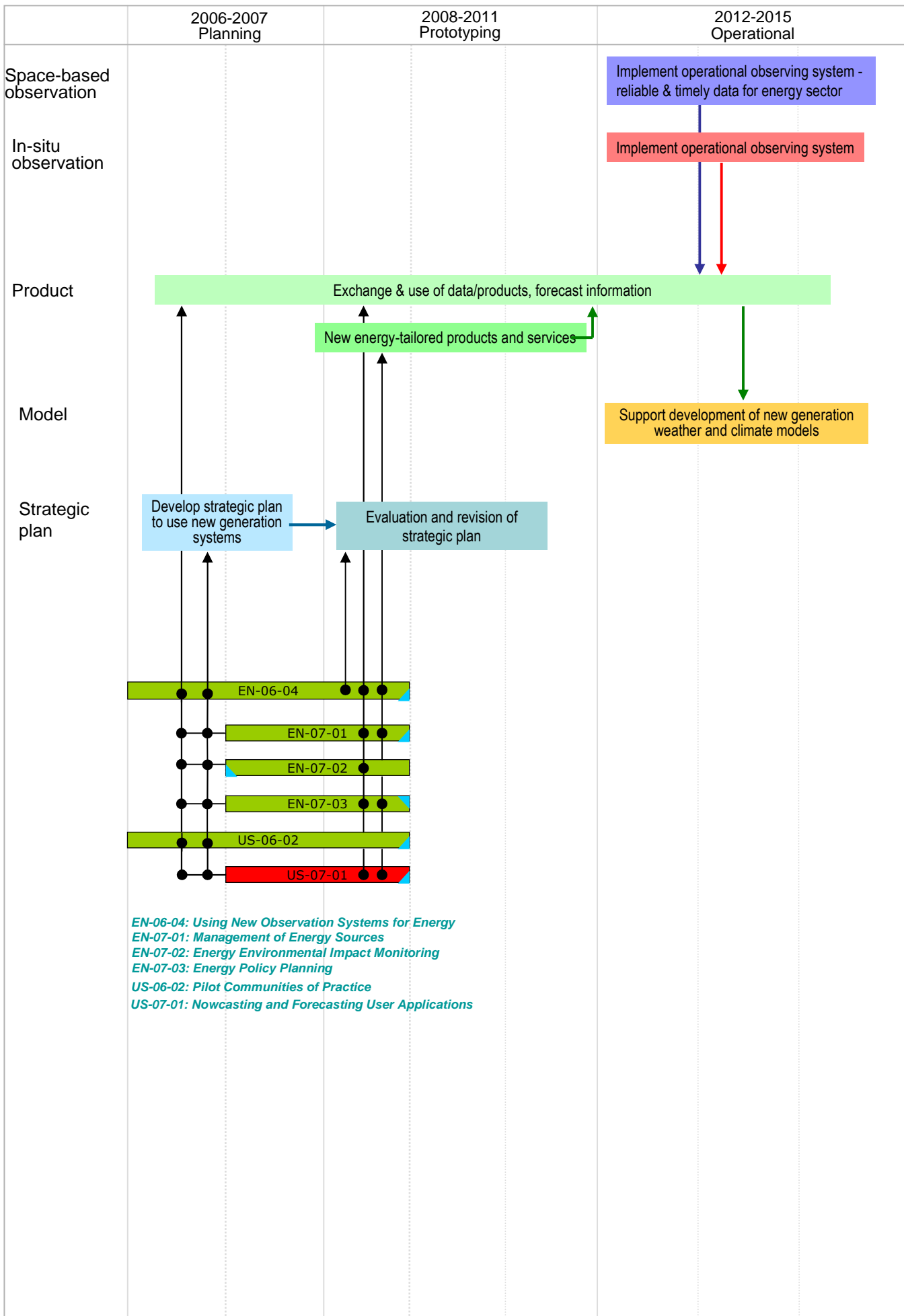
DI-06-02: Seismographic Networks Improvement and Coordination
DI-06-03: Integration of InSAR Technology
DI-06-04: Implementation of a Tsunami Early Warning System at Global Level
DI-06-05: Create a plan for production of coastal zone maps and DEM
DI-06-07: Multi-hazard Zonation and Maps
DI-06-08: Multi-hazard Approach Definition and Progressive Implementation
DI-06-09: Use of Satellites for Risk Management
DI-06-13: Implementation of a Fire Warning System at Global Level
DI-07-01: Risk Management for Floods

CB-07-01a : Engaging Donors
CB-07-01b : Identifying Best Practices, Gaps and Needs
CB-07-01c : Capacity building Performance Indicators
CB-07-01d: Building National and Regional Capacity
CB-07-01e : Open Source Software

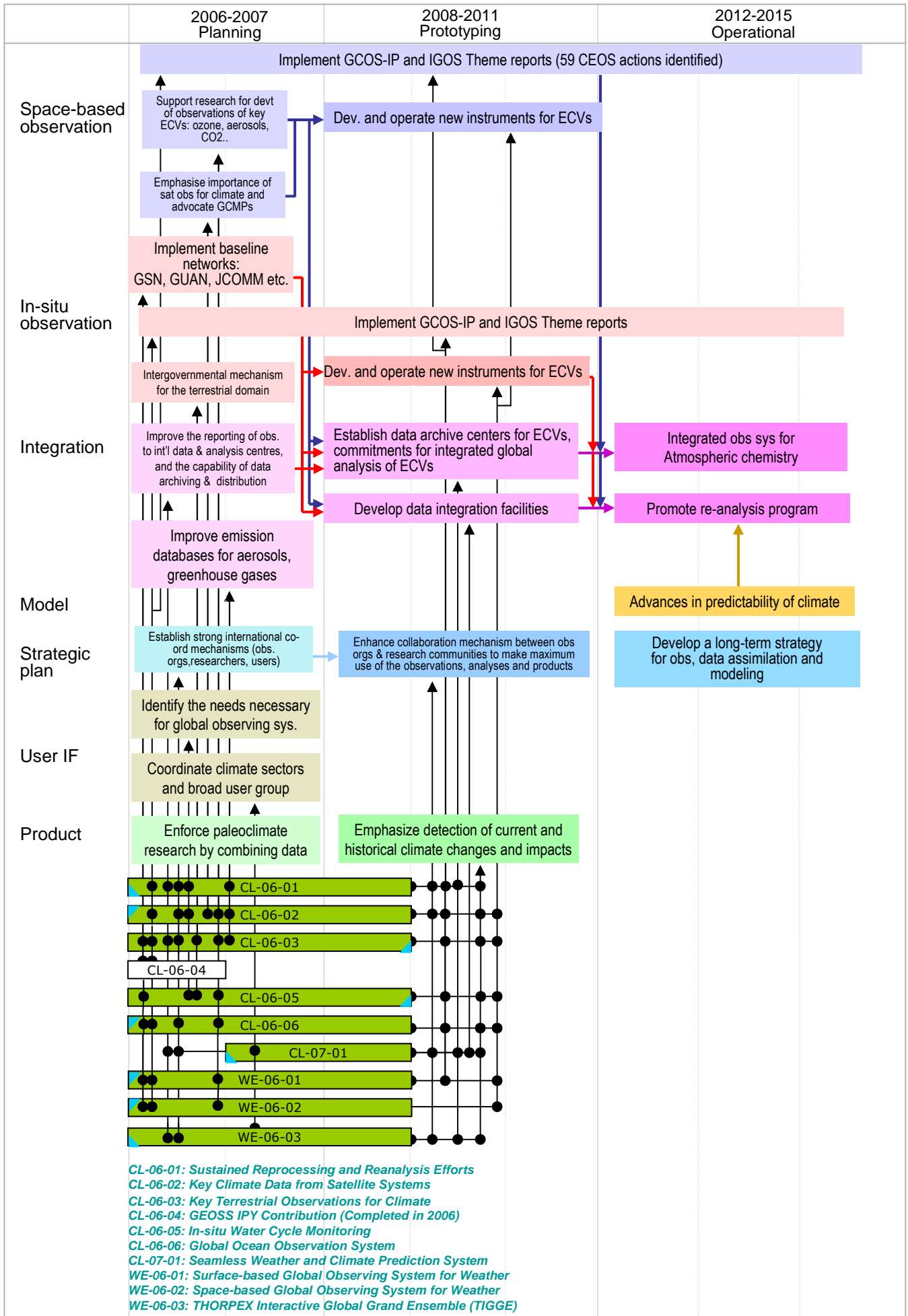
GEOSS IP Targets - Health



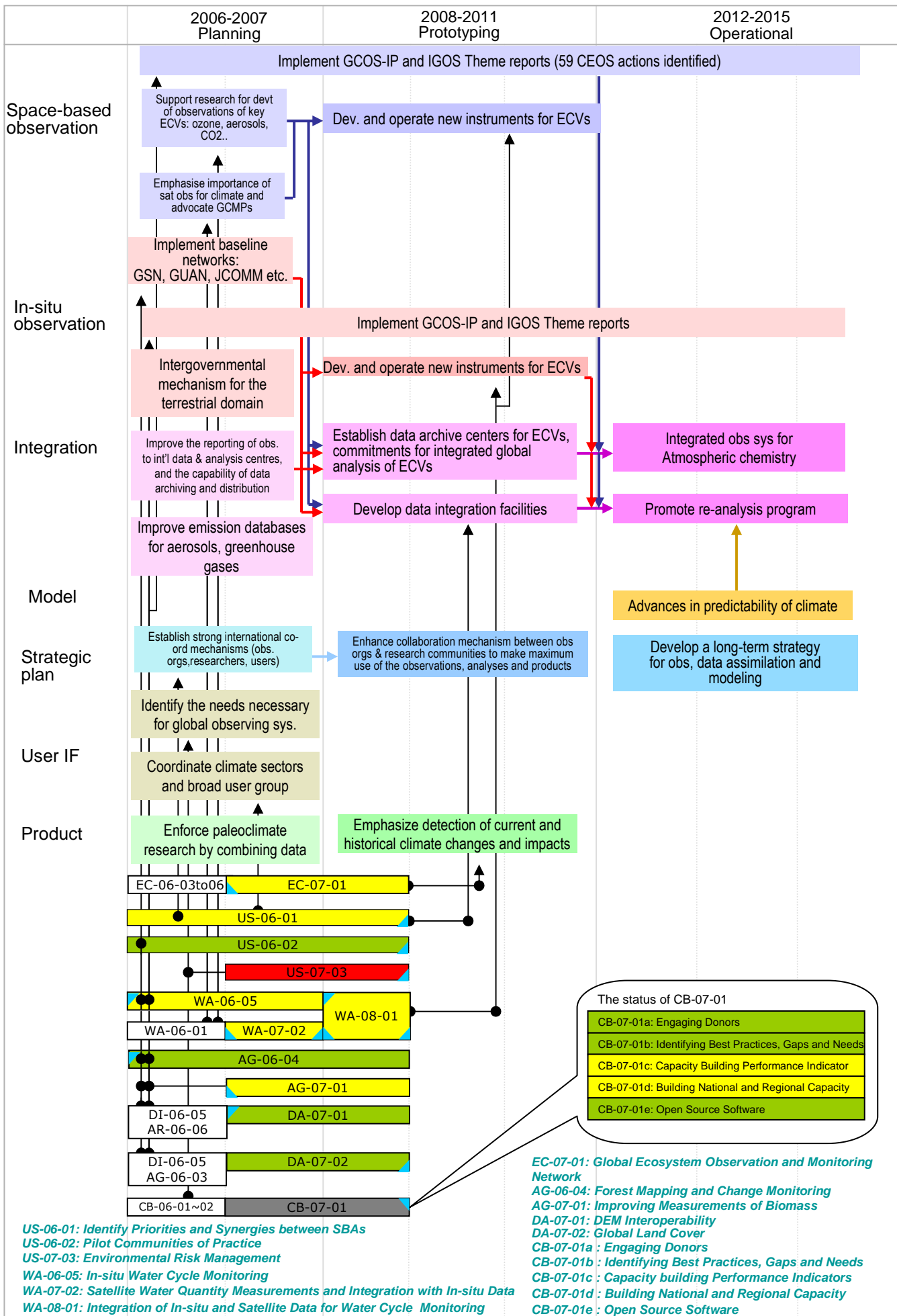
GEOSS IP Targets - Energy



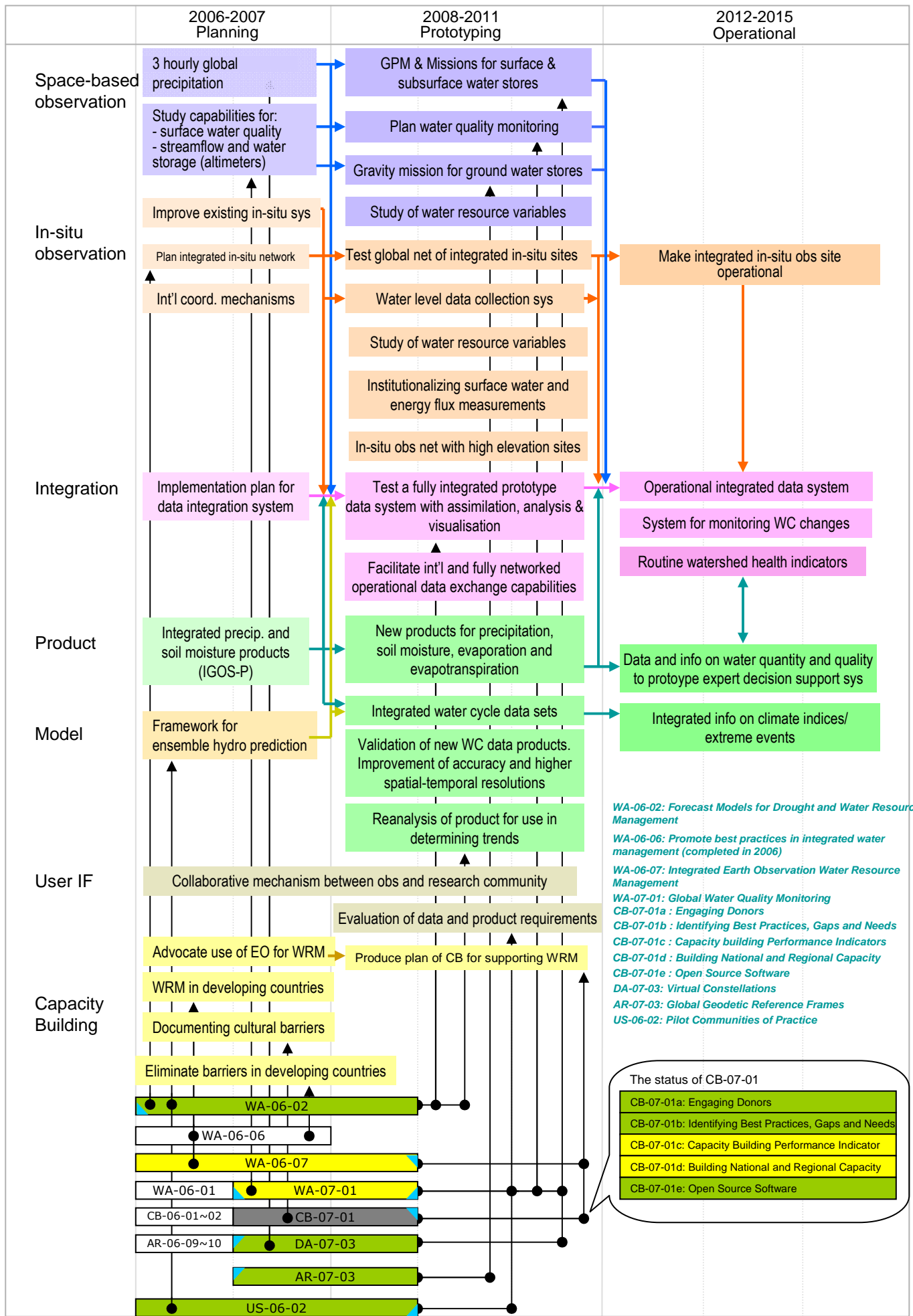
GEOSS IP Targets - Climate(1/2)



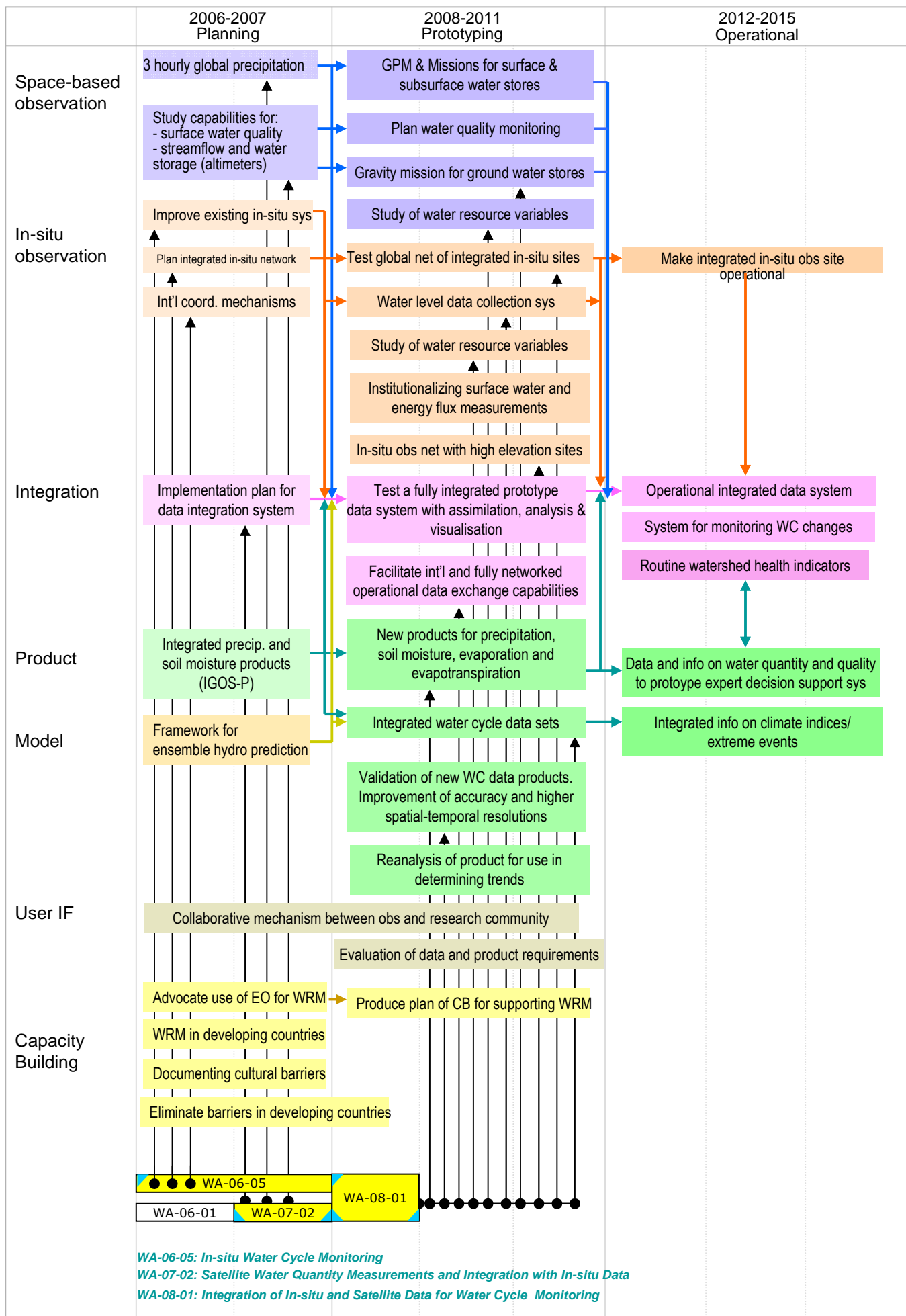
GEOSS IP Targets - Climate(2/2)



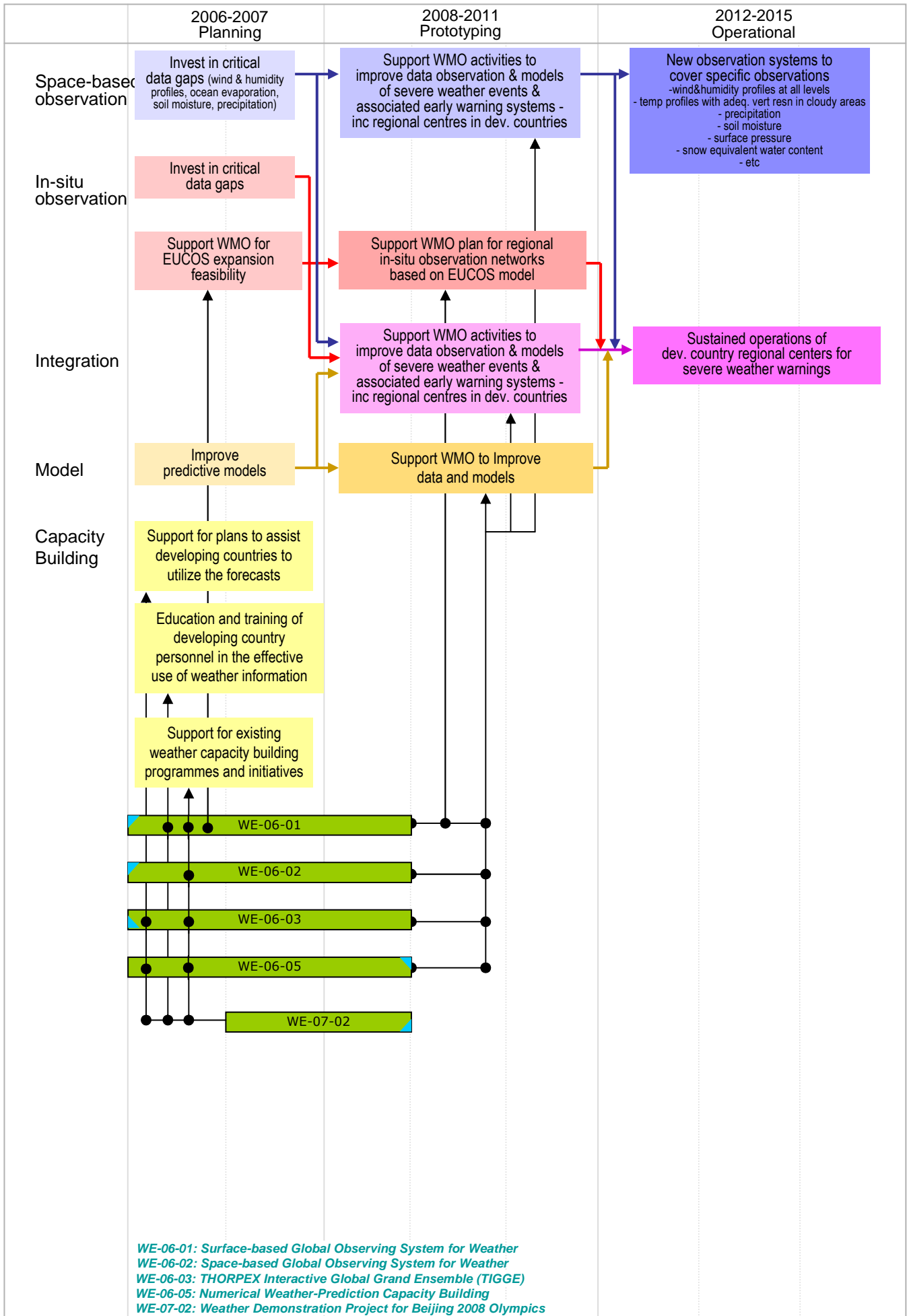
GEOSS IP Targets - Water(1/2)



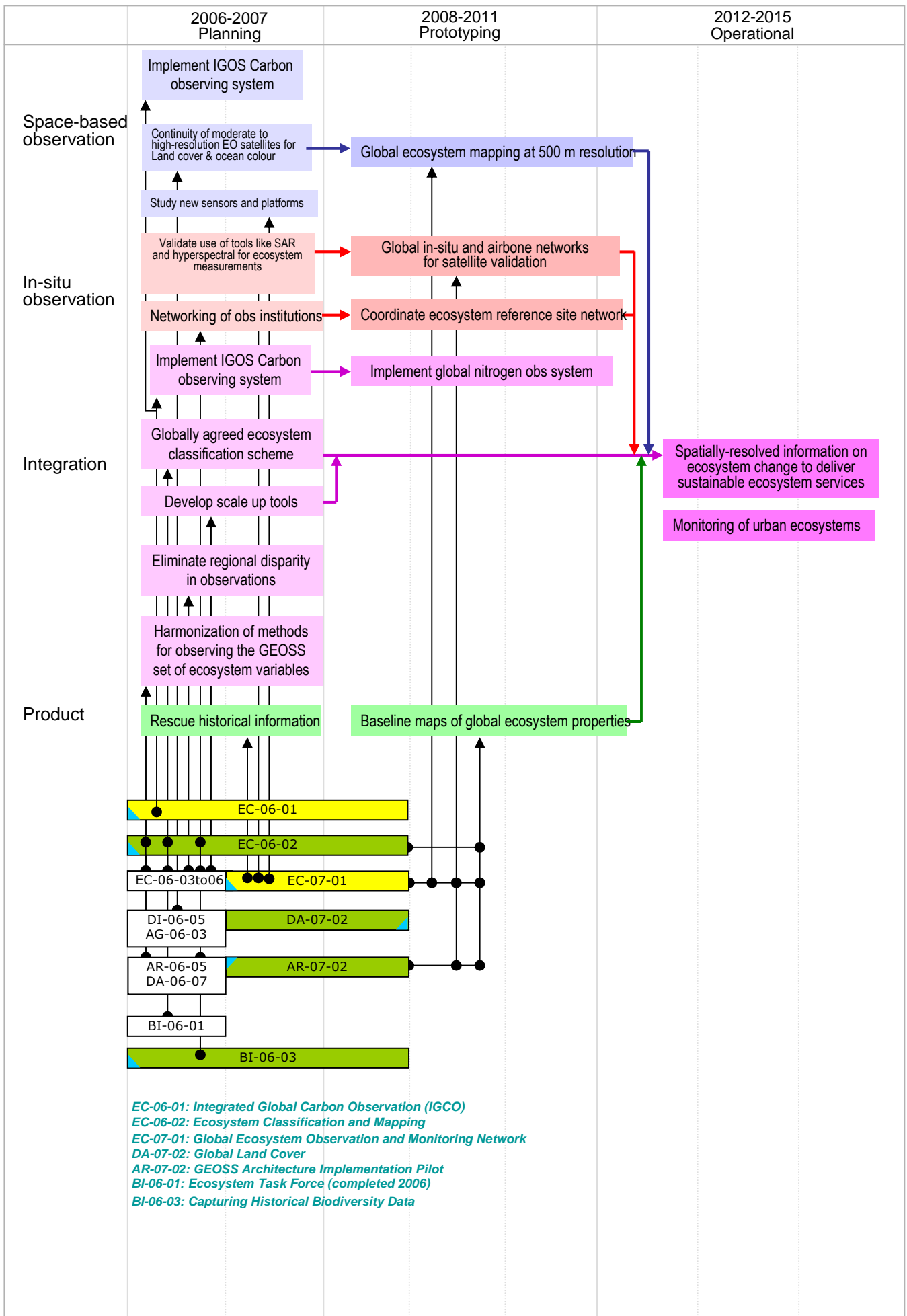
GEOSS IP Targets - Water(2/2)



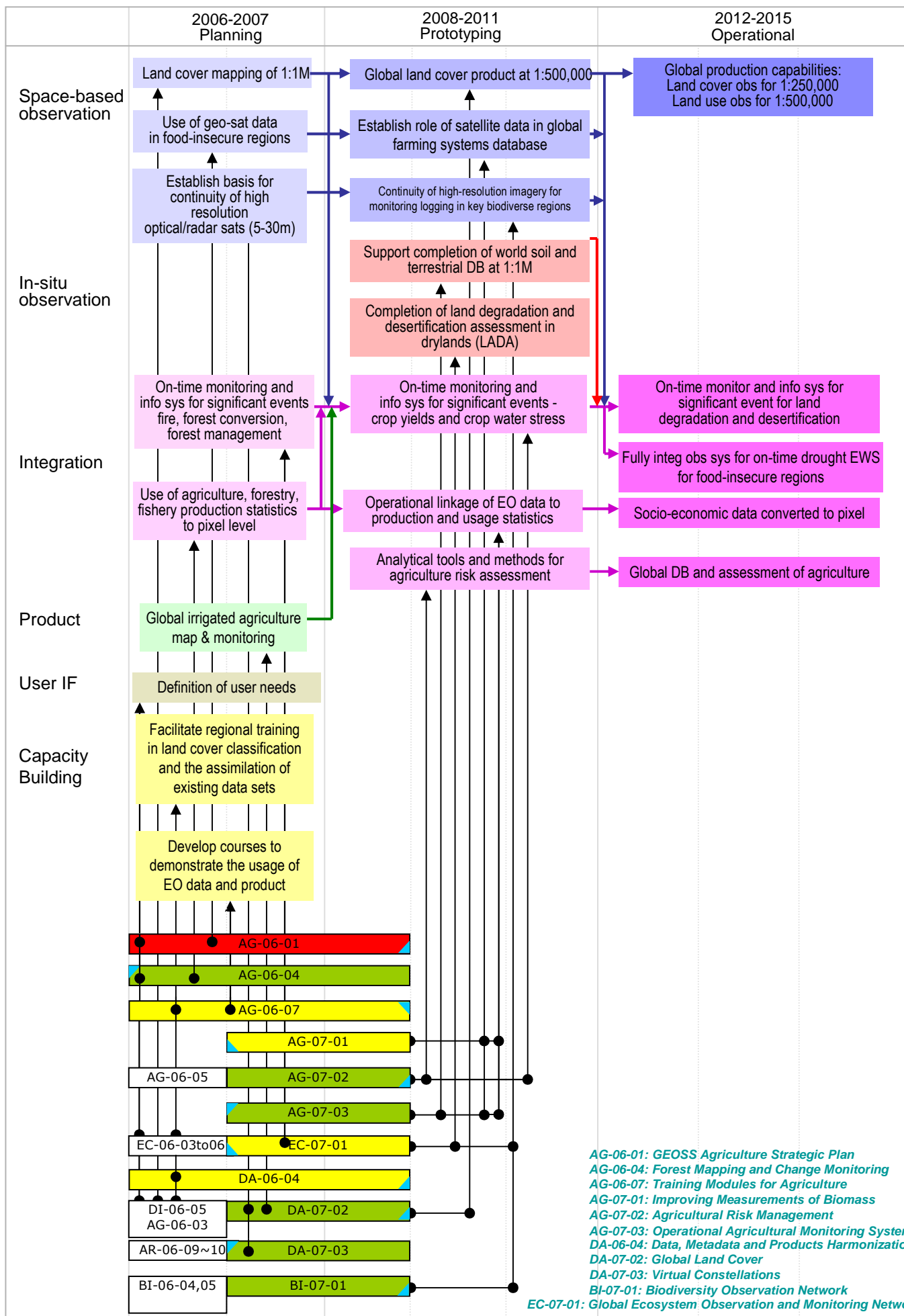
GEOSS IP Targets - Weather



GEOSS IP Targets - Ecosystem

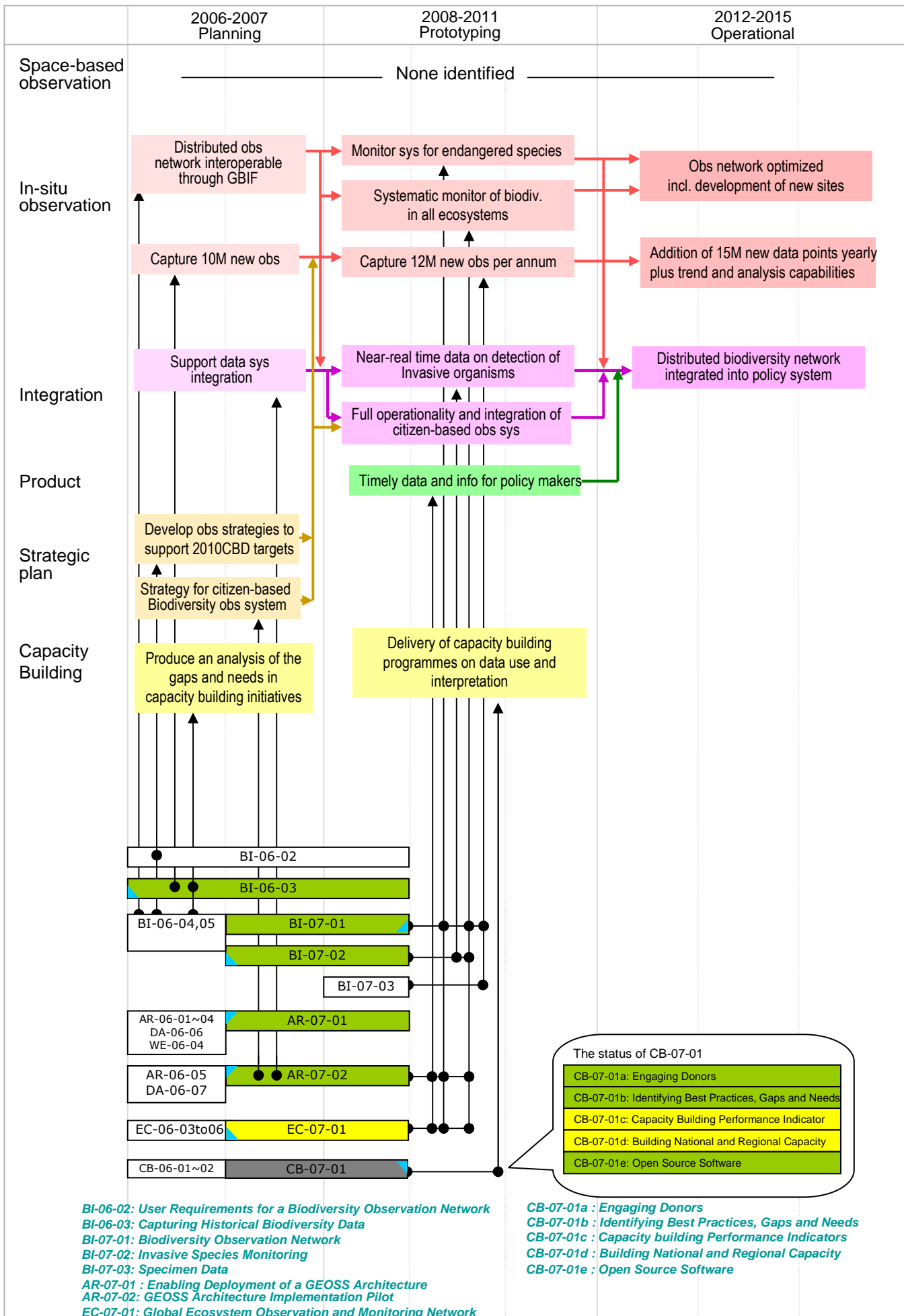


GEOSS IP Targets - Agriculture

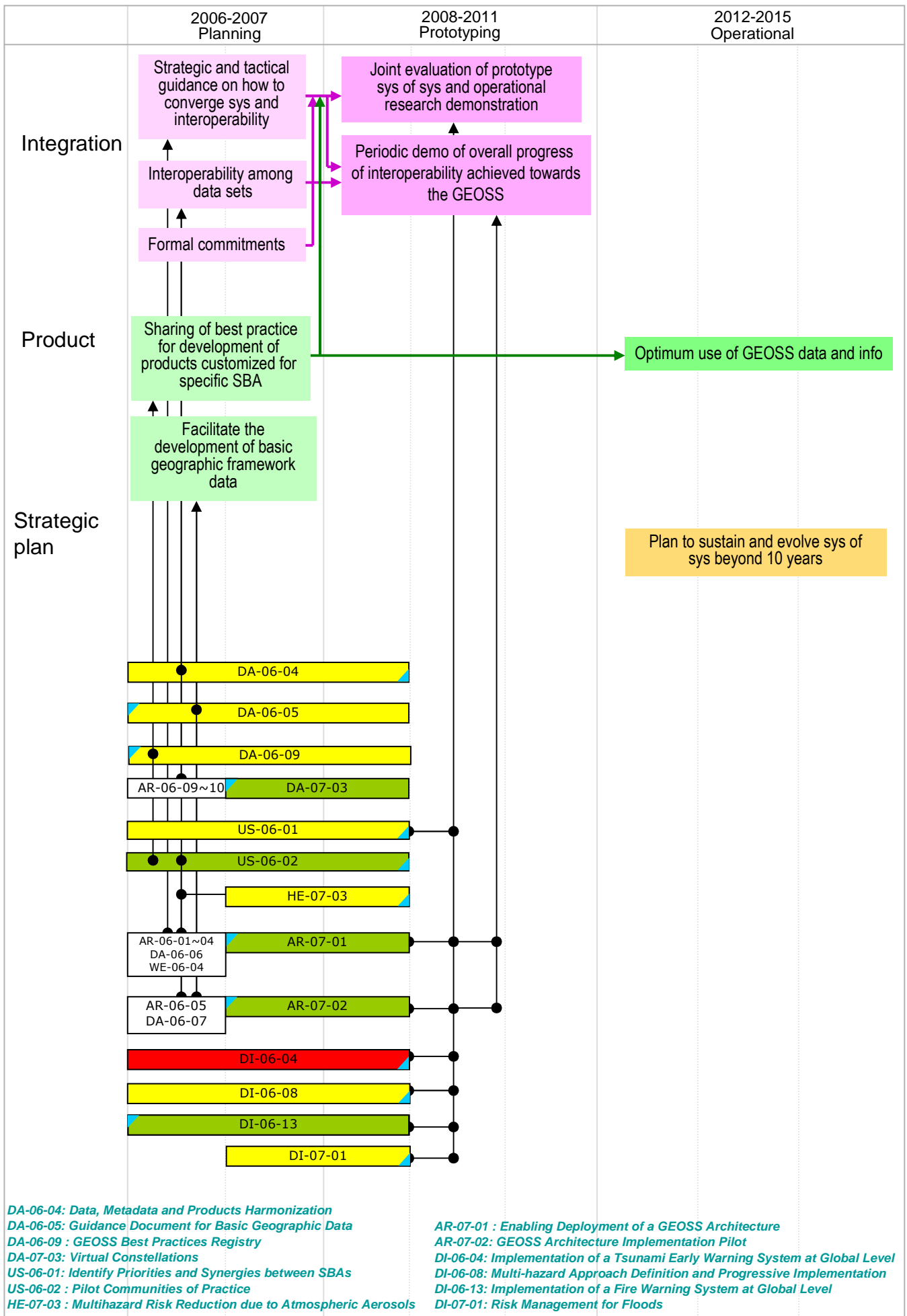


AG-06-01: GEOS Agriculture Strategic Plan
 AG-06-04: Forest Mapping and Change Monitoring
 AG-06-07: Training Modules for Agriculture
 AG-07-01: Improving Measurements of Biomass
 AG-07-02: Agricultural Risk Management
 AG-07-03: Operational Agricultural Monitoring System
 DA-06-04: Data, Metadata and Products Harmonization
 DA-07-02: Global Land Cover
 DA-07-03: Virtual Constellations
 BI-07-01: Biodiversity Observation Network
 EC-07-01: Global Ecosystem Observation and Monitoring Network

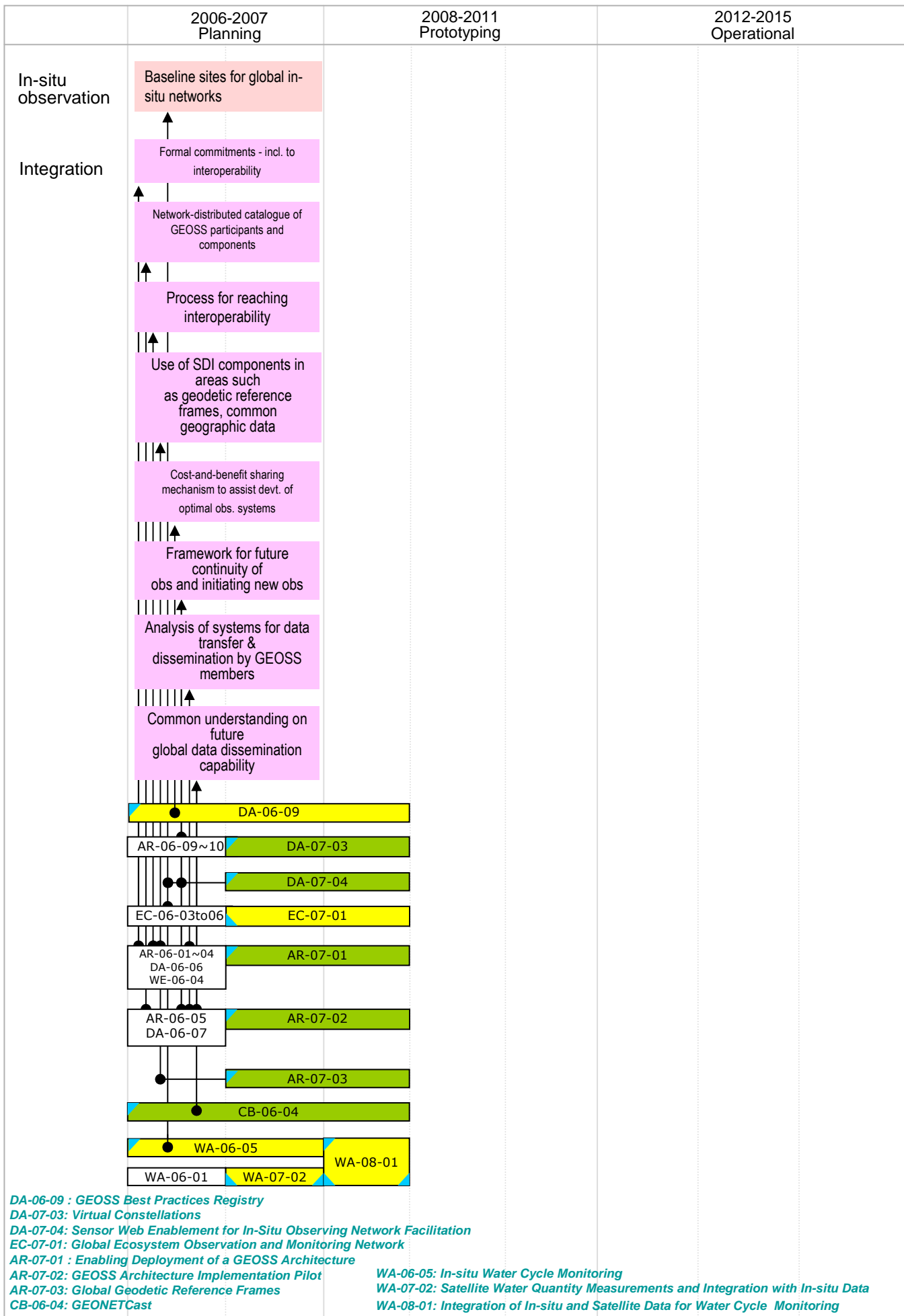
GEOSS IP Targets - Biodiversity



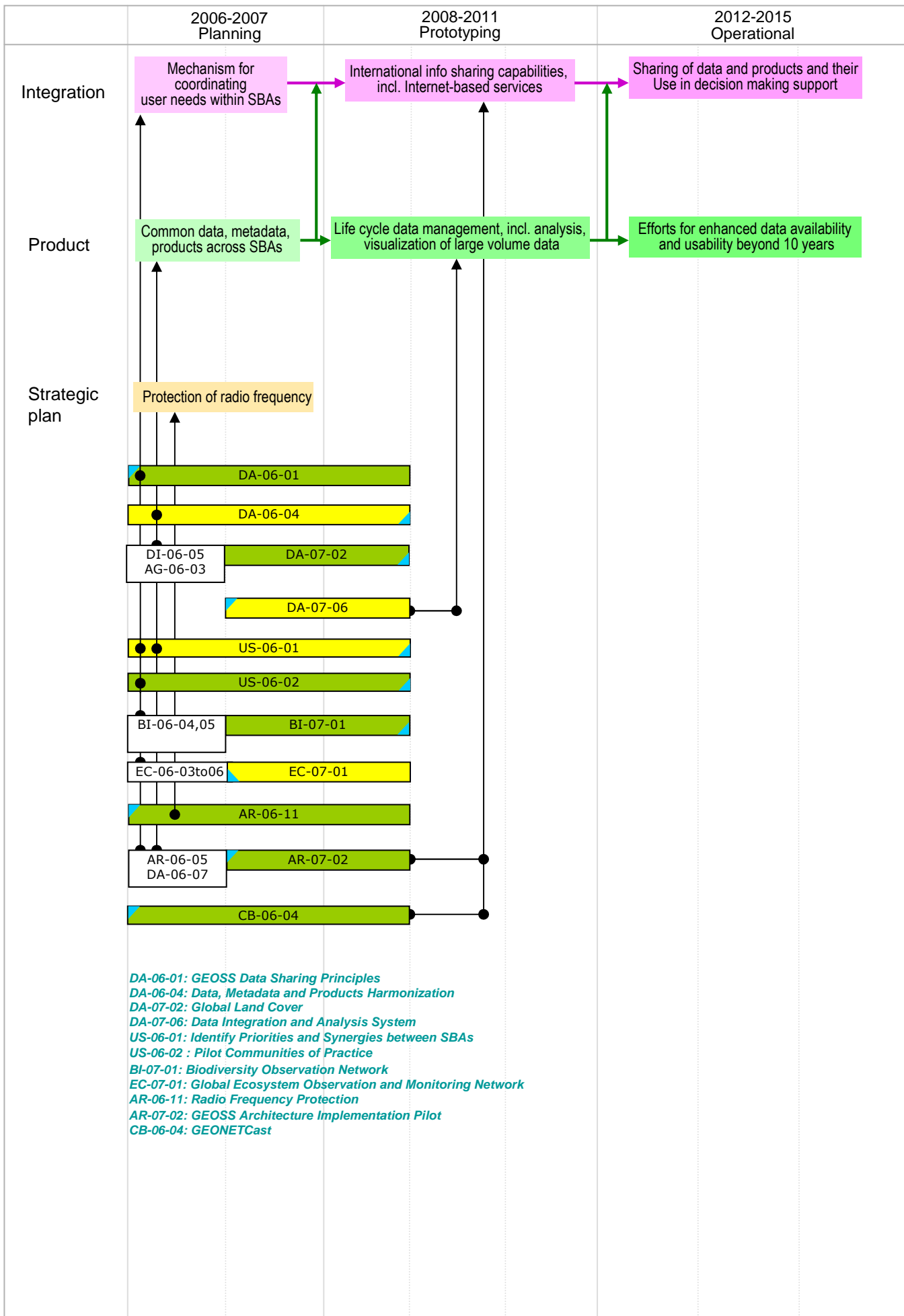
GEOSS IP Targets - Commonalities



GEOSS IP Targets - Architecture



GEOSS IP Targets – Data & Users



GEOSS IP Targets – Capacity Building

