

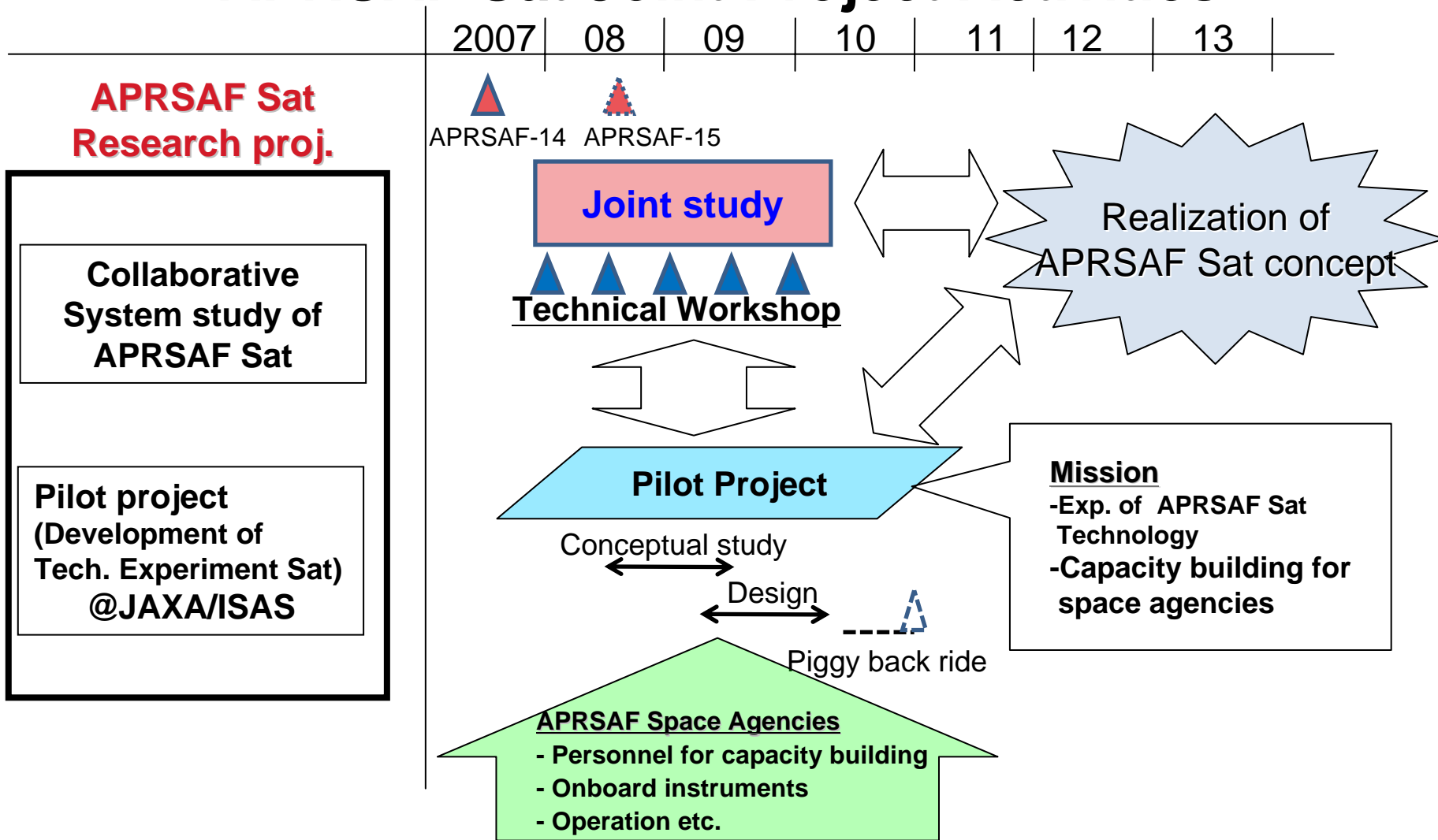
# **Collaboration of APRSAF satellite**

**Nov. 23 2007**  
**JAXA / SCOAP**

# Motivation

- To solve the common subjects of Asian countries (e.g. Disaster monitoring)
- To increase observation frequency for disaster monitoring and so on.

# APRSAF Sat Joint Project Activities



**APRSAF Sat: Small Earth Observation satellite to solve the common subjects in AP countries (e.g. Disaster monitoring). Fill the gaps of other EO satellites and observe AP region frequently.**

# Concept of Joint Study

## (1) Objects

- Information sharing on small satellite programs
- Development of a small satellite concept
- Human network for future collaboration

## (2) Participants

- Satellite relativities from APRSAF space agencies
- Potential users

## (3) Term of the study

- Tentatively 2 years

## (4) Items to be studied

- User requirements
- Satellite system concept (inc. operation and development plan)
- Common technology basis  
(Technical standards and references, Parts and components)
- Scheme of collaboration

# The pilot project

## **(1) Purposes of the pilot project**

- Experiments of APRSAF Sat Technologies including observation sensors
- Capacity building of young staffs from APRSAF space agencies

## **(2) Features of the project**

- Implementation by the contributions from APRSAF space agencies
- Short time development
- Utilization of appropriate piggy back ride opportunity
- Establish project office at ISAS/JAXA
- Collaboration with APRSAF Sat joint study team

# Concerns

- (1) Government export control for satellite technology**
  - Necessary to receive the approval of each government for technology transfer
  
- (2) Accept personnel for capacity building**
  - Agreement between JAXA and the space agency to send personnel
  
- (3) Foundation**
  - JAXA's funding on research basis
  - No fund exchange between JAXA and other space agencies



**Shall we start to work together for  
APRSAF satellite collaboration?**

**Thank you for your attention**

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