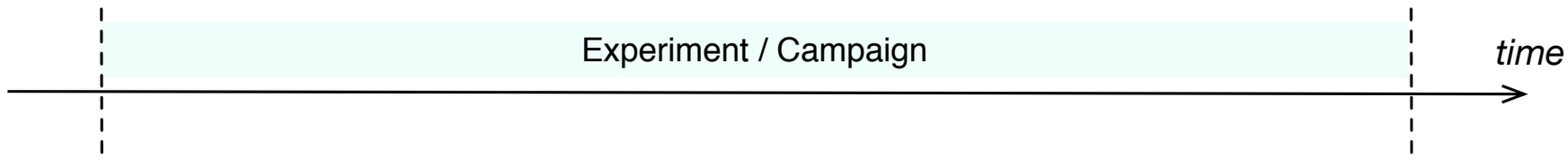
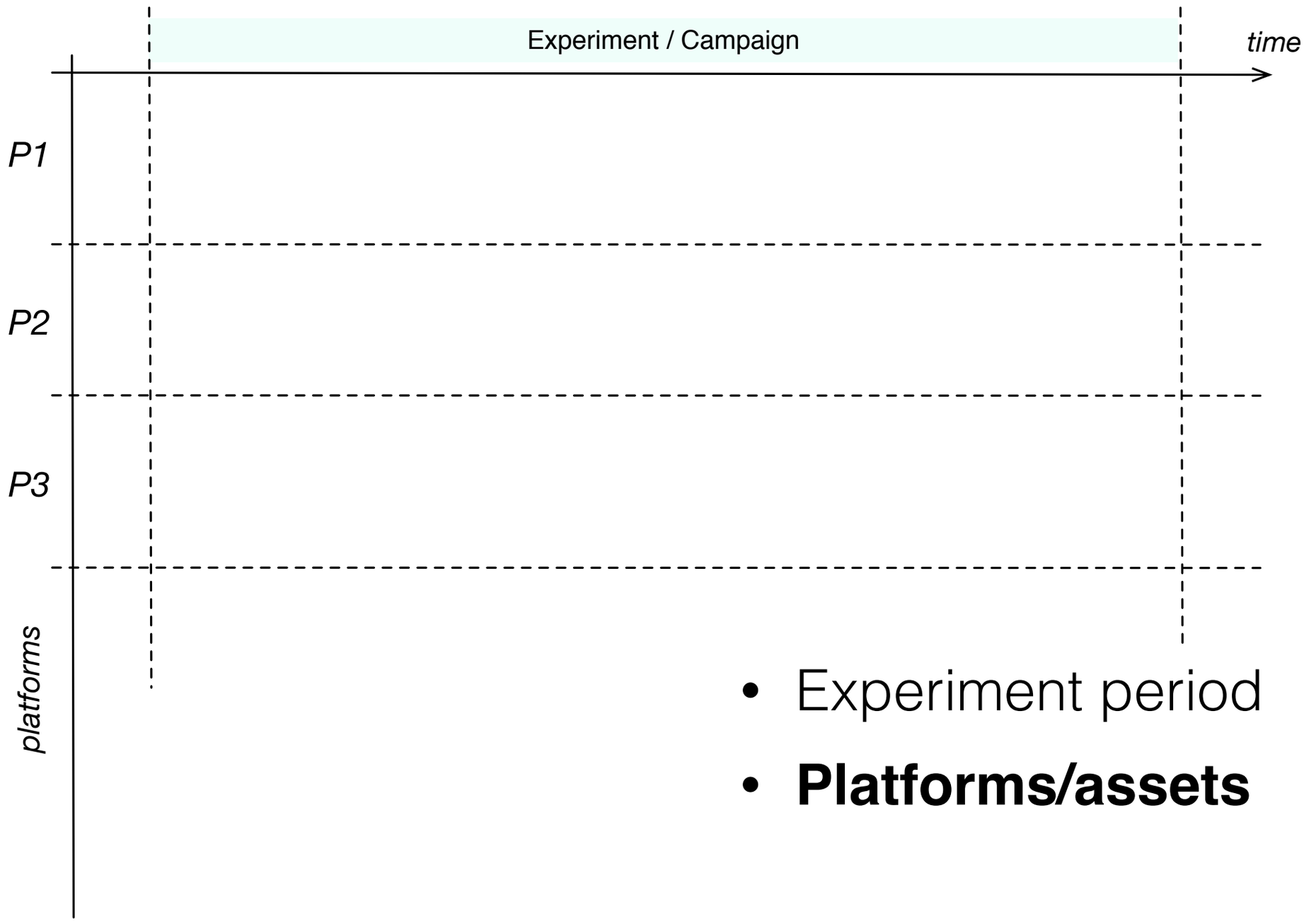
# ODSS Planning

## What is it about?

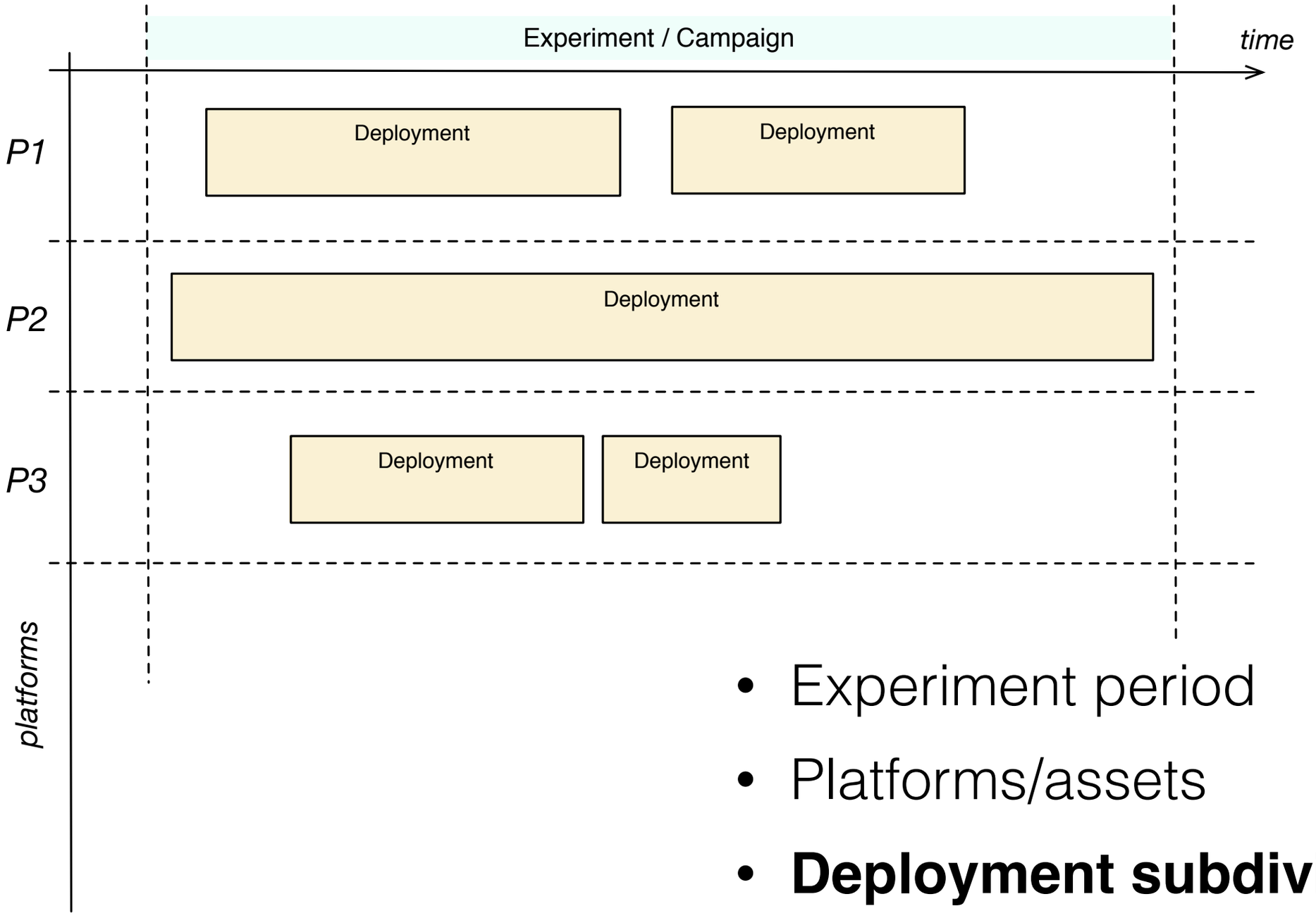
CANON meeting March 26, 2015



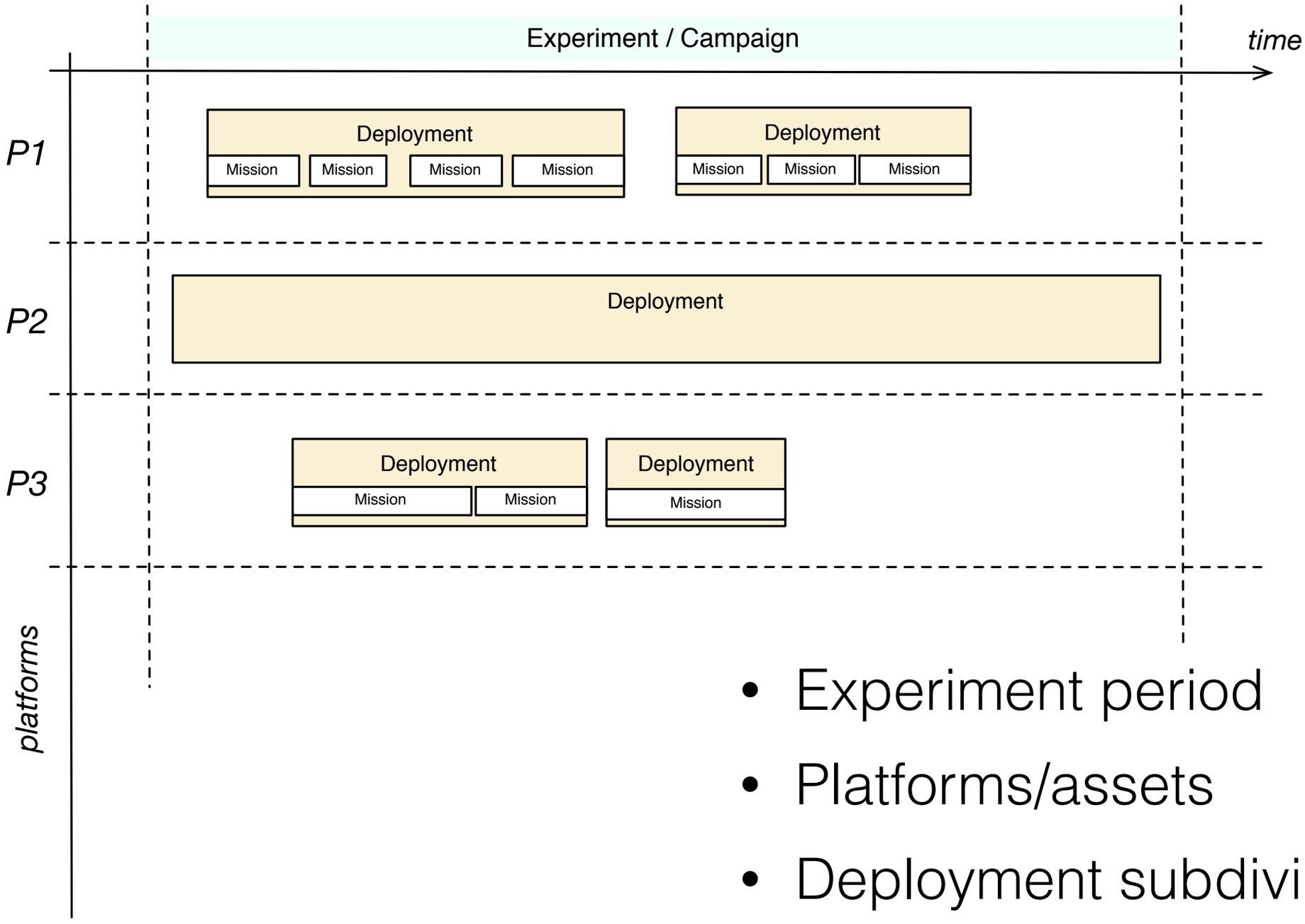

- **Experiment period**



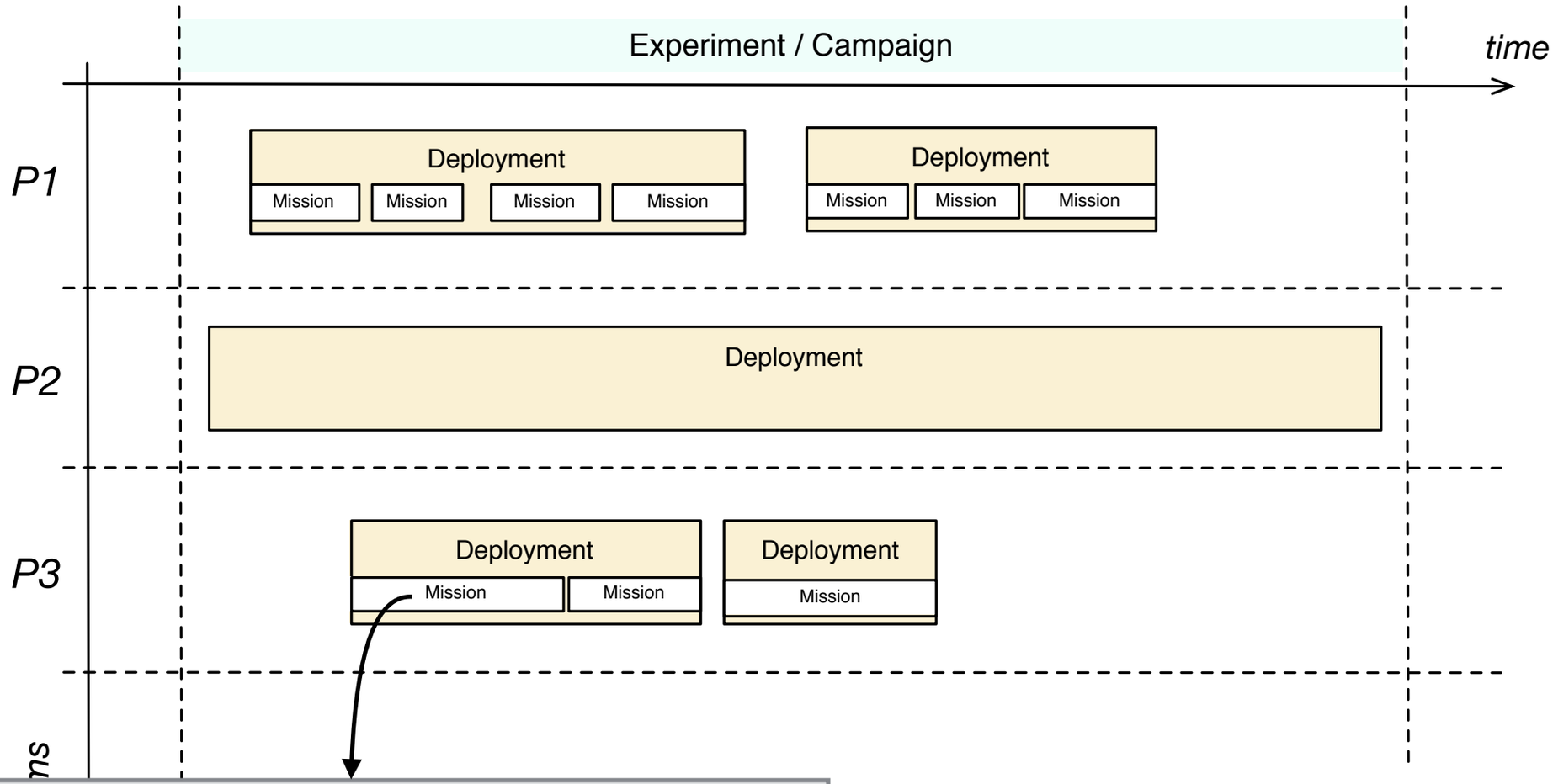

- Experiment period
- **Platforms/assets**




- Experiment period
- Platforms/assets
- **Deployment subdivision**




- Experiment period
- Platforms/assets
- Deployment subdivision
- **Mission subdivision**




- Mission path:
  - Spatial geometry
  - "Follow *Px*"
- Other mission information

- Experiment period
- Platforms/assets
- Deployment subdivision
- Mission subdivision
- **Path per mission**

# Collaborative Planning

Users:

- Define one or more alternate paths per mission
- See mission paths proposed by other users
- Vote
- Mark a path as the agreed upon planned path

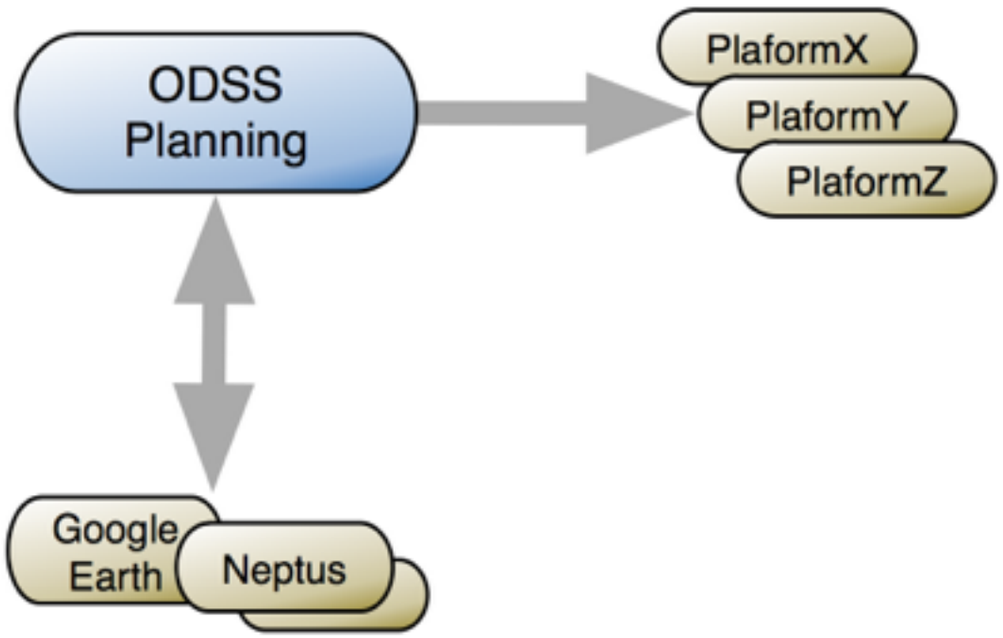
# Planning tool

For an experiment/campaign, the tool allows to:

- Select platforms
- Define deployments per platform
- Define missions per deployment
- Define/visualize mission paths
- Save plan drafts

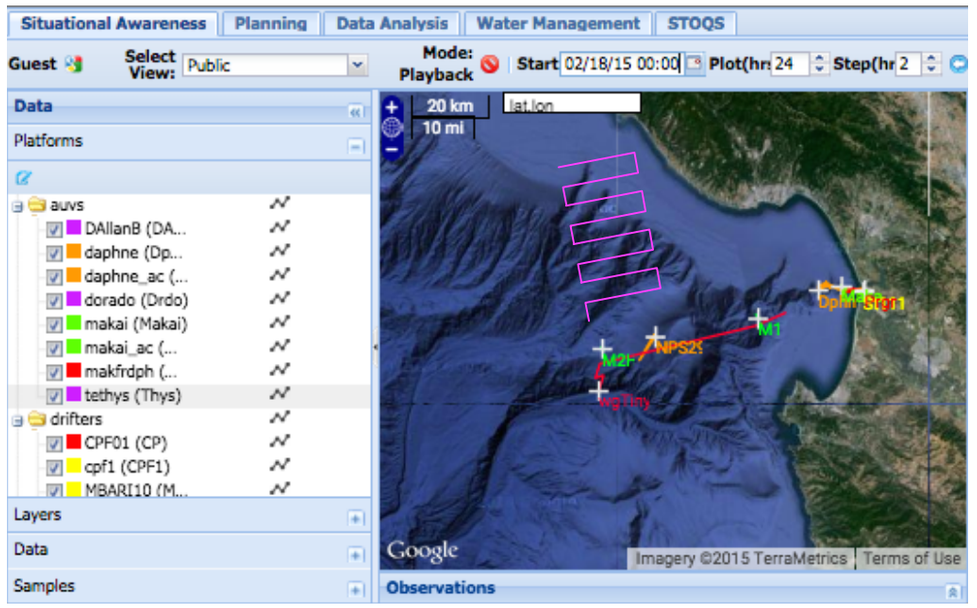
# Planning tool

- Export full plan or a subset by platform/deploymt/mission
  - for revision/refinement/execution by platform teams
  - for validation by external tools




- Import plans:
  - generated by external tools (Google Earth, Neptus, …)
- Standard exchange formats (KML, XML, JSON, …)

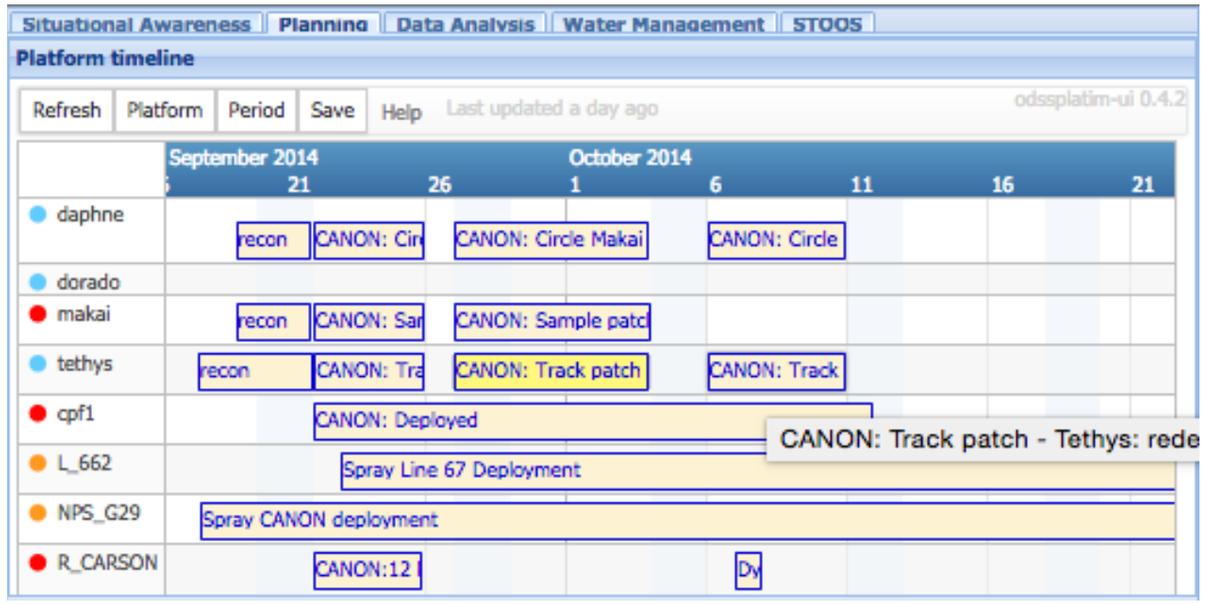
# UI: Situational Awareness




- Includes planning elements
  - Mission geometry paths
  - Contextual planning information
- Both web and mobile (execution of plan)

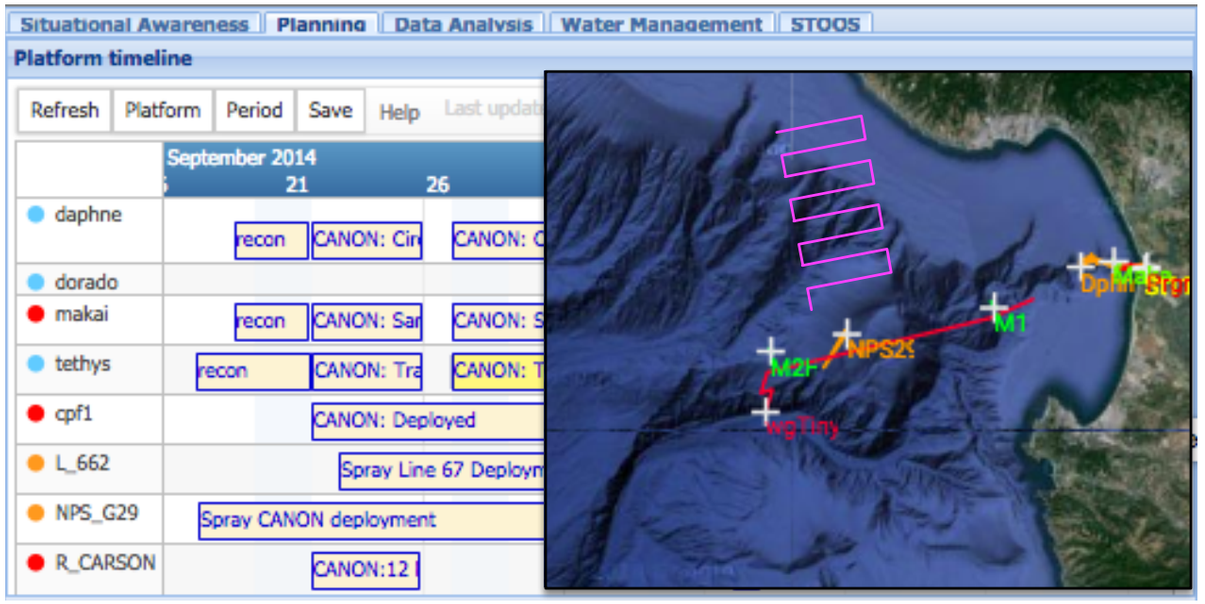
# UI: Planning

- **Temporal definitions**



# UI: Planning

- Temporal definitions




- **Mission path editing**
  - Contextualized with elements from situational awareness
  - Map-based spatial geometry definition
  - Waypoint table
  - Selection from predefined path templates
  - Re-use (copy) previous plans