



InSight

COMET Opérations et Exploitations des Missions Spatiales

La Phase d'Exploitation et l'instrument APSS

This document has been reviewed and determined not to contain export-controlled data

Station météorologique sur InSight

B.Banerdt, JPL

Capteur de pression

TWINS
(Température et Vent pour InSight)

Magnetometre



Sol 106 mosaïque d'images de la plate-forme



<https://mars.nasa.gov/insight/weather/>

Latest Weather at Elysium Planitia

InSight is taking daily weather measurements (temperature, wind, pressure) on the surface of Mars at Elysium Planitia, a flat, smooth plain near Mars' equator.

Sol 219
July 9

High: -13° F | C
Low: -148° F | C

Sol 213
July 3

High: -13° F
Low: -152° F

Sol 214
July 4

High: -12° F
Low: -150° F

Sol 215
July 5

High: -13° F
Low: -151° F

Sol 216
July 6

High: -13° F
Low: -152° F

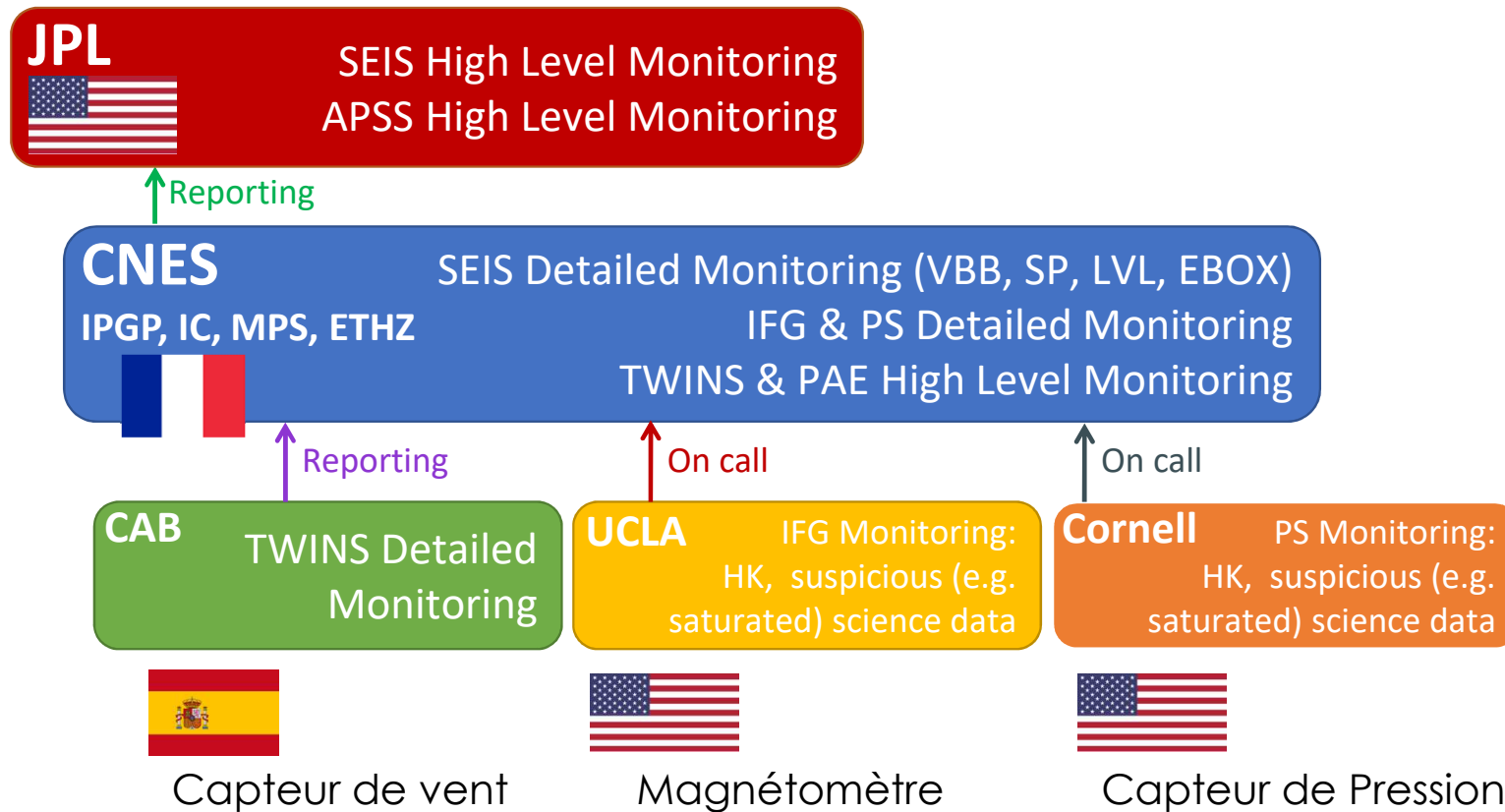
Sol 218
July 8

High: -15° F
Low: -148° F

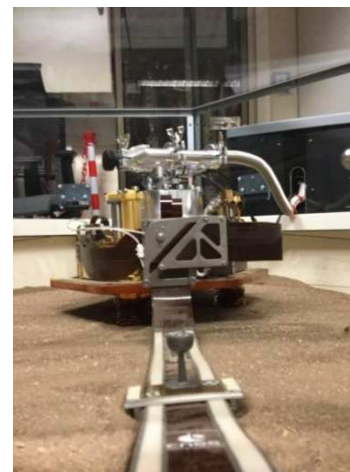
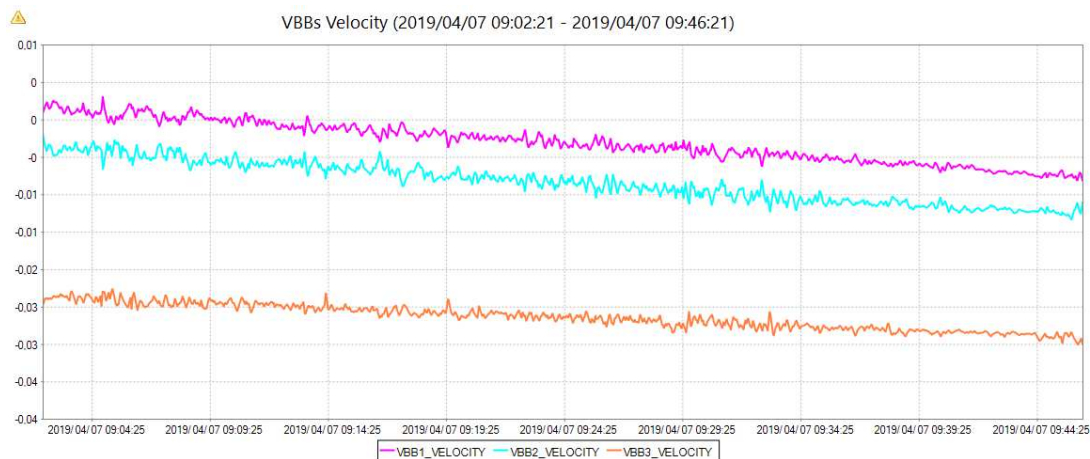
Sol 219
July 9

High: -13° F
Low: -148° F

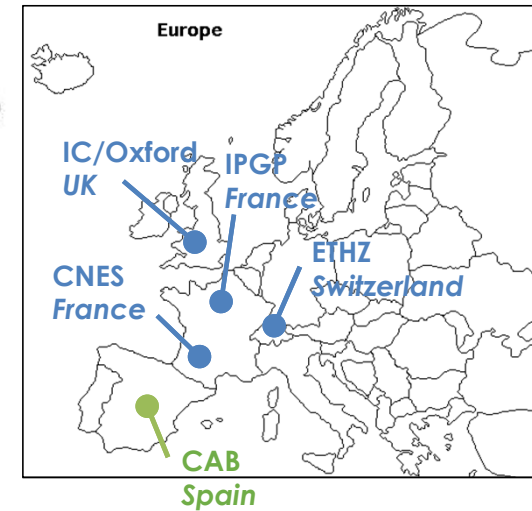
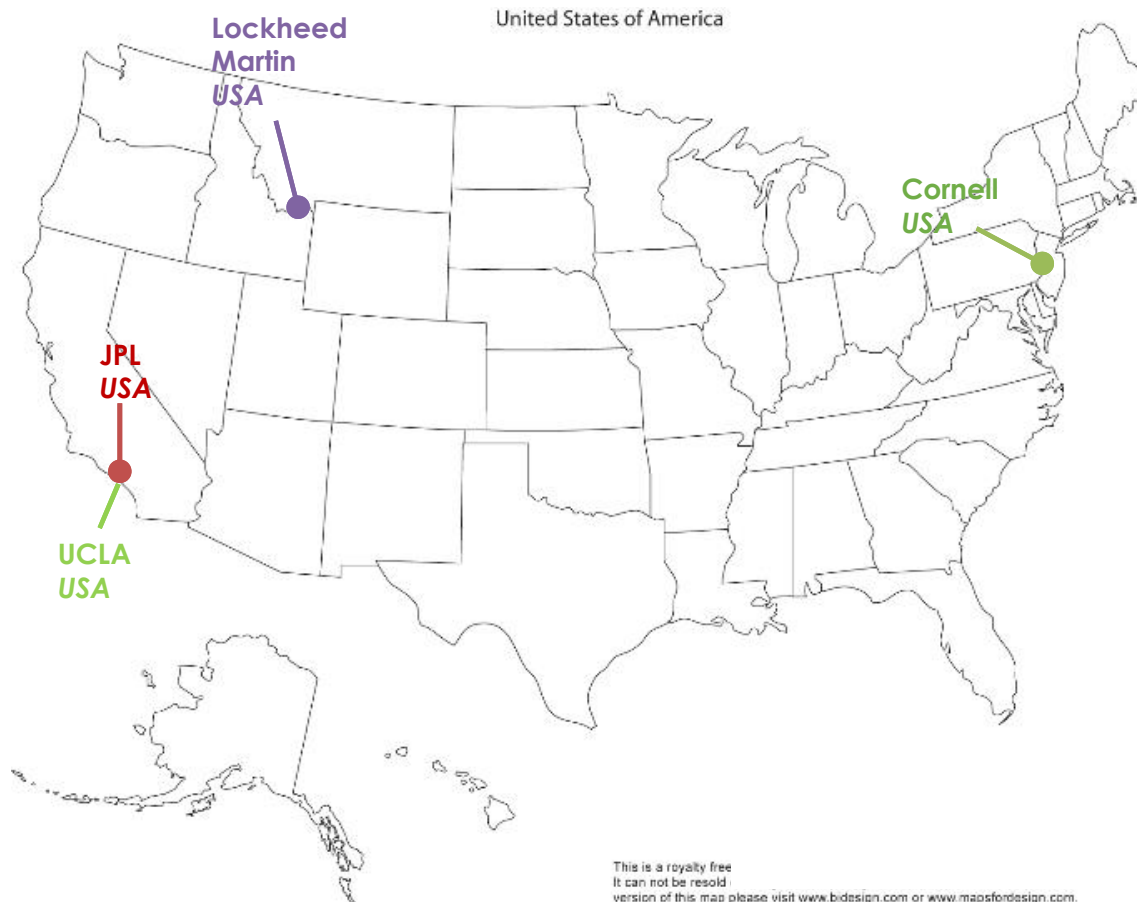
La surveillance et la programmation d'APSS



Le Centre d'Opérations FOCSE-SISMOC

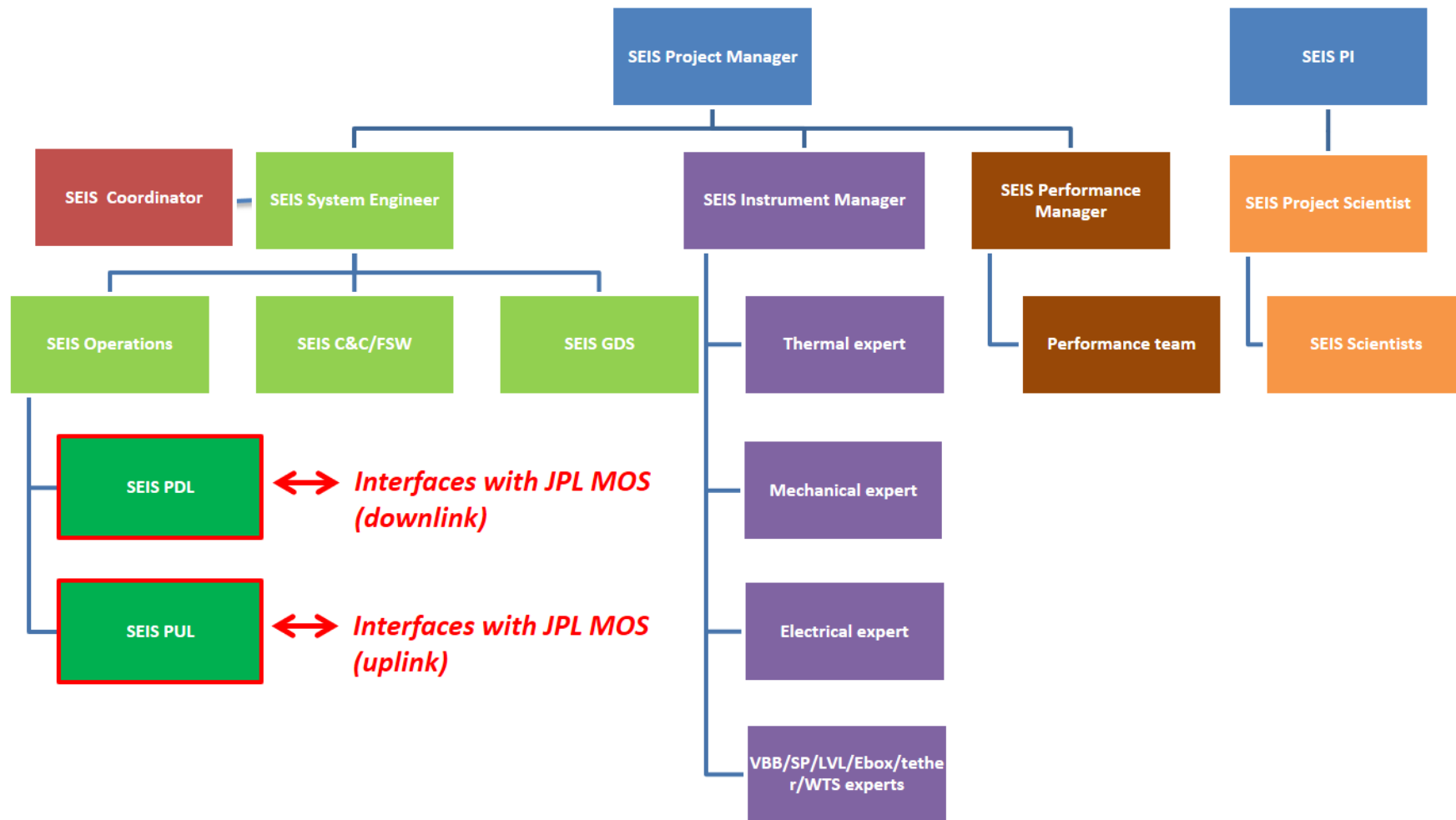


Une coopération internationale

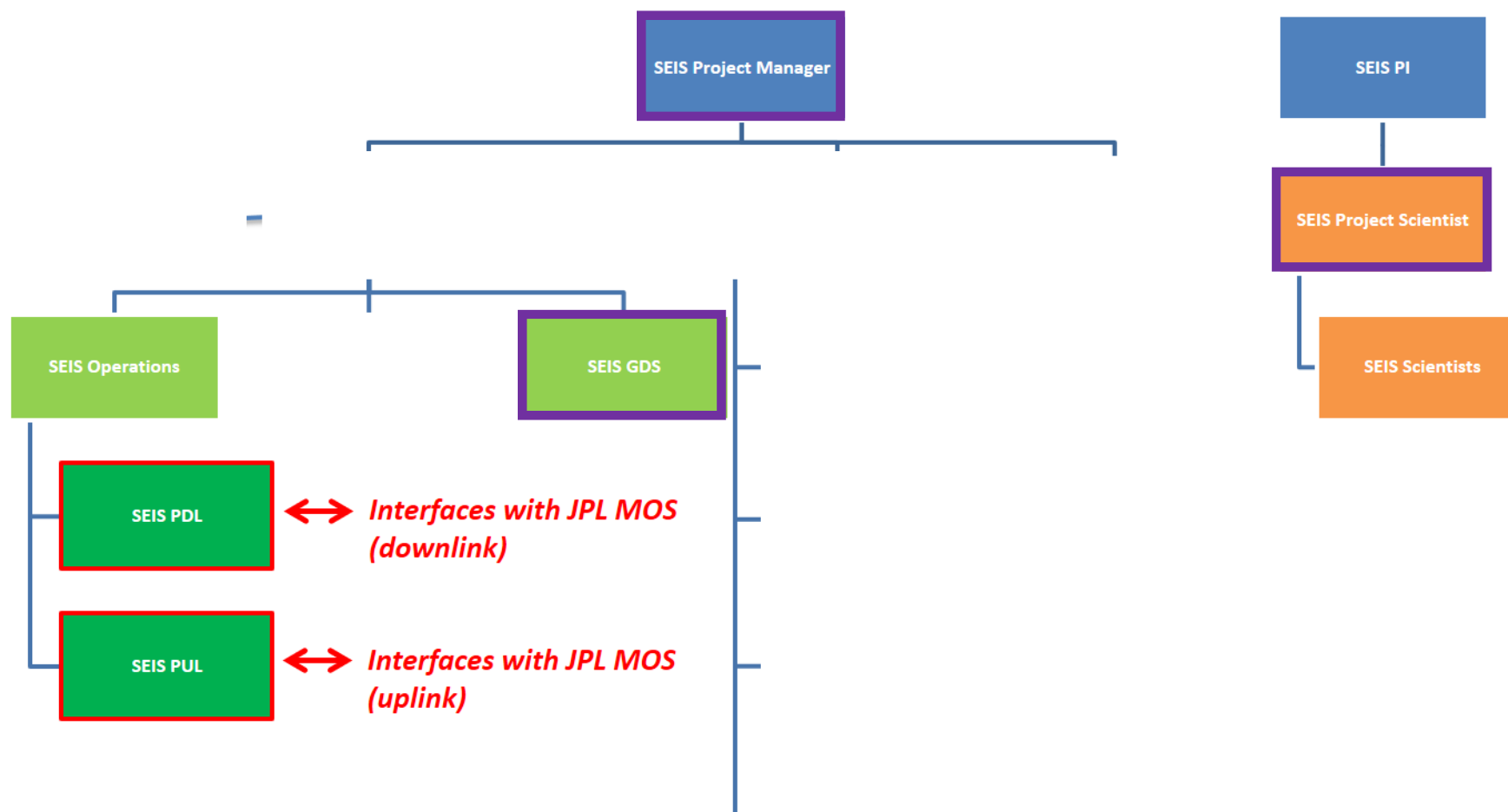


SEIS entities
APSS entities
InSight entities

Les Opérations de déploiement - Organisation



Les Opérations de routine - Organisation



Les Opérations de routine - Organisation



Challenge!



- Autonomie en opérations (15 personnes)
- APSS à opérer
- Demandes scientifiques
- JPL en remote... mais très présent
- Marathon!