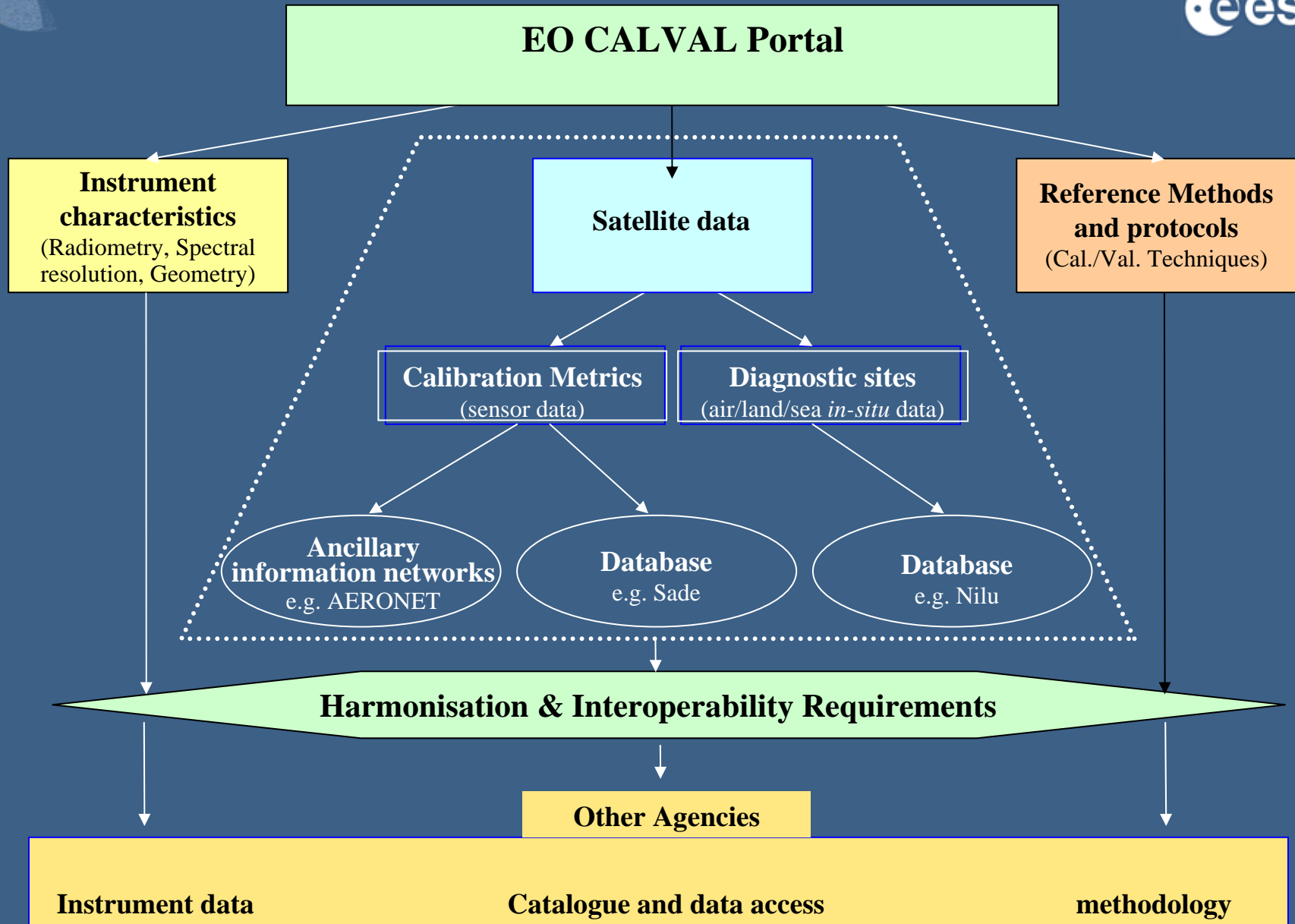
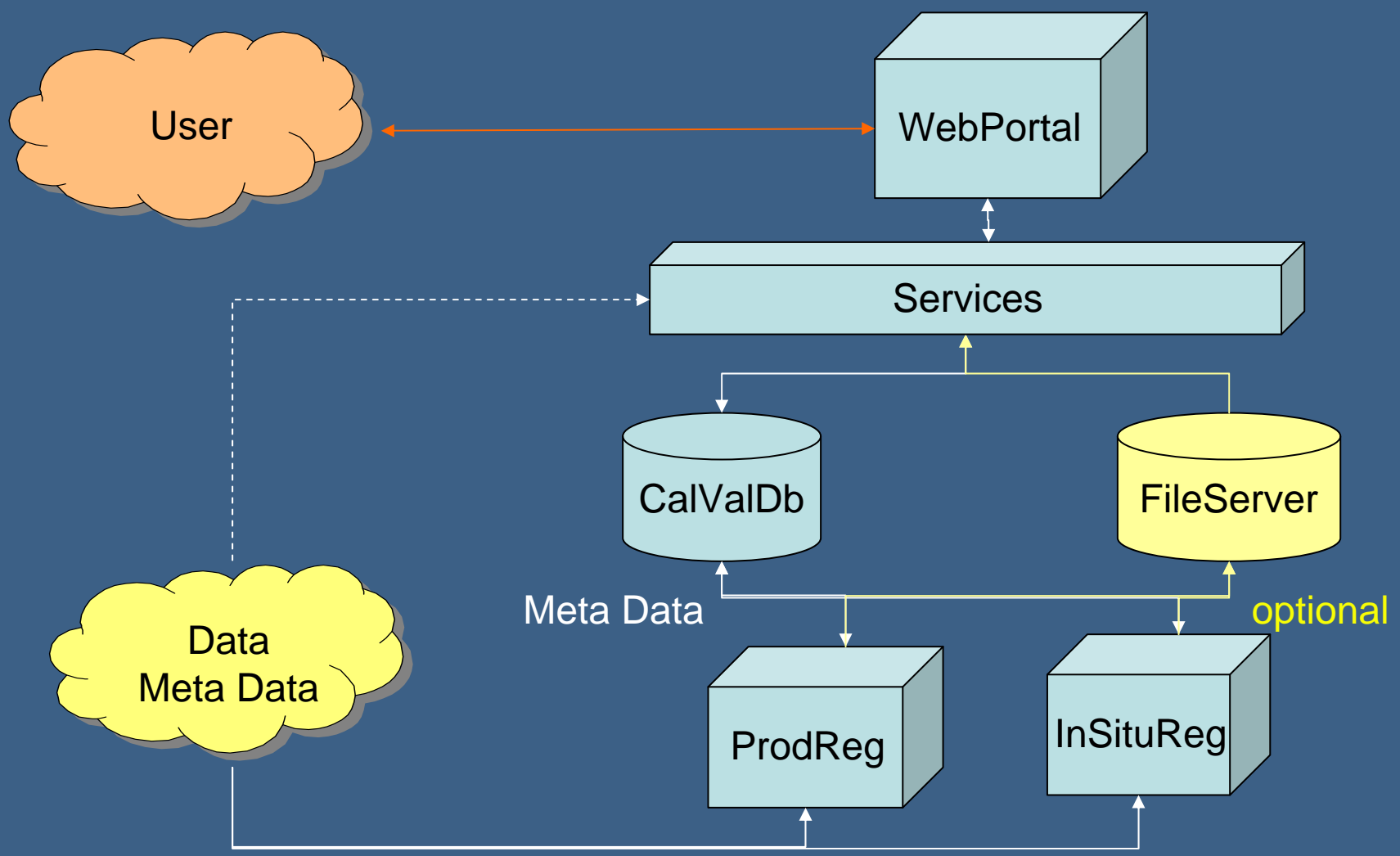


EO CalVal Portal





CalvalPortal Structure





WTF Continuation



- Datasets
 - ETM+: 58 products
 - ASTER: 38 products
 - AVHRR: 12 products
 - SPOT VEGETATION: 12 products
 - MODIS vegetation indices: 1636 products
 - MODIS LAI/FAPAR: 3320 products
 - DEM: 25 products
 - MOD013: 1645 products
 - LIDAR: external resource
 - MERIS: 8 products
 - CHRIS/PROBA: 25 products
 - In situ data: external resource
- Data remain in their original location
 - Streaming download of selected products using ftp / http
 - Future updates of the servers?
- Extraction of meta data and Quick Looks
 - „Server Analysis tool“ to generated meta data and QLs required
 - Ingestion in the CalValPortal
 - Meta data model proposed
- Integration of sites description in the CalValPortal
 - MERIS and AATSR are extracted over all WTF sites since December 2006



WTF – CVP Meta data model



Identifier	Example Value
type	MOD132A
name	MOD13A2.A2005049.cs_rrvalley.004.2005067040501.hdf
path	ftp://edcsgs16.cr.usgs.gov/.../MOD13A2/MOD13A2.A2005...
orbit	1256
sensingStart	2005-02-18 00:00:00
sensingStop	2005-03-05 23:59:59
quicklookPath	ftp://edcsgs16.cr.usgs.gov/...
thumbnailPath	ftp://edcsgs16.cr.usgs.gov/...
sizeInBytes	1371449
sceneRasterWidth	201
sceneRasterHeight	201
location	POLYGON((-118.161065 39.341667, -115.995246 39.341667, ...))

Location description shall be an OGC conformant WKT string containing a POINT(...) structure for in-situ data and a (closed) POLYGON(...) for satellite data, describing the product boundary coordinates in an appropriate spatial resolution



- WTF continuation
- AATSR: full archive reprocessing and rolling archive metric (meris calibration site) extraction
- Integration and extension to other IVOS
- Integration of geometry validation – methodology, GCP, reference data
Proposed standardisation for the geometric validation
- Evolution to non optical sensors – SMOS / SAR
- Strengthen the link with validation DB
- Access to other catalogues/dataset (international cooperation)
- Fill the cal/val portal with documentation/projects
- Automate cal/val procedures