



eodc

T7.7 EO Pillar



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- Earth observation services coordinated by ESA (Rosemarie Leone)
- Partners:
 - CloudFerro, CNR, EODC, GRNET, MEEEO, RASDAMAN, Sinergise, Terradue

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- Different tools for exploring EO data:
 - Geohazards TEP
 - Sentinel PlayGroud
 - EO DataCube
 - EPOSAR
 - ...

T 7.7 EO Pillar – Contact list

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T 7.7 EO Pillar – Important Links

- WP7 wiki page:
 - <https://confluence.egi.eu/display/EOSC/WP7+Thematic+Services%3A+Integration%2C+maintenance+and+Exploitation>
- WP7 work plans:
 - <https://docs.google.com/spreadsheets/d/1C0T2oOBHqN8esfJp8q08fqYikIL8yLCSdkA8MvQSPYA/edit#gid=0>
- Further useful Links
 - Web site: <http://www.eosc-hub.eu/>
 - Wiki: <https://wiki.eosc-hub.eu/display/EOSC/>
 - Google Workspace: <http://go.egi.eu/EOSC-hub-drive>
 - Online meeting agendas: <http://go.egi.eu/eosc-hub-meet>
 - Confluence: <https://wiki.eosc-hub.eu/display/EOSC/Project+tools+and+templates>

T 7.7 EO Pillar - Overview

task	Service components	M1:January	M2:February	M3:March	M4:April	M5:May	M6:June	M7:July	M8:August	M9:September	M10:October	M11:November	M12:December	Partners	TOT effort (PM)
1	EO Cloud, OSS-X Sentinel Service, EODC SIDP		CloudFerro will provide computing and storage resources coming from the EOCloud, plus the access to the Big Data store repository. GRNET will provide computing and storage resources coming from the OSX and Oceanus cloud, which includes access to the data repository. EODC will provide computing and storage resources required for the EO Data Cloud thematic service plus additional resources for outreach and training.		Integration with the e-infrastructures data services (e.g EGI/EUDAT, OneData).		Integration with Federated Cloud and core services (for AAI, monitoring, etc.).		Integration of accounting and reporting with the e-infrastructures		Integration with the grant mechanisms of the e-infrastructures for resources provisioning for science applications.	Analysis of INDIGO cloud software add-ons and integration of selected solutions with EO Cloud OpenStack platform.	Final release	EODC/AT	6
														CloudFerro	6
														GRNET/GR	6
														Cyfronet	8
2	Geohazards Exploitation Platform (GEP)									Integration of GEP (and GEP4EPOS services) within the EGI Compute infrastructure (e.g. CloudFerro/GRNET)			Final release	Terradue	4
	EPOSAR										Integration with the e-infrastructures compute and data services (via GEP)			Final release	CNR
3	Datacube Data Analytics Service									The rasdaman instance running on EODC will be integrated within the e-infrastructures.			Final release	Rasdaman	6
														MEEO	6
4	Sentinel Playground									The service will be integrated with the EGI Federated Cloud resources and the e-Infrastructure storage service (e.g. EGI/EUDAT, OneData) for access to Sentinel Data			Final release	Sinergise	3

<https://docs.google.com/spreadsheets/d/1COT2oOBHqN8esfJp8q08fqYikIL8yLCSdkA8MvQSPYA/edit#gid=0>

T 7.7 EO Pillar – Meeting/reporting overview

Suggestions

- T7.7 progress meeting every month
 - Meeting minutes provided from EODC to the T7 lead

T 7.7 Action points

- T1: EO Cloud, OSS-X Sentinel Service, EODC SIDP
Partners: EODC, CloudFerro, GRNET, Cyfronet
- T2: Geohazards Exploitation Platform (GEP) and EPOSAR
Partner: TerraDue, CNR
 - Geohazards Exploitation Platform (GEP)
 - EPOSAR
- T3: Datacube Data Analytics Service
Partner: Rasdaman, MEE0
- T4: Sentinel Playground
 - Partner: Sinergise