



## Glossary

ATOS ES

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## Document Control Page

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## Definitions, Abbreviations and Acronyms

Abbreviation / acronym	Definition
A	Agrochemical Industry Companies
AC	African Commission
Agri-App	Agricultural Applications
AMS	Area monitoring system
BD	Big Data
BP	Business Process
CA	Consortium Agreement
CAP	Common Agricultural Policy
CFS	Certificate on the Financial Statements
CFW	Collaboration Framework
CLMS	Copernicus Land Monitoring Service
CODA	Copernicus Online Data Access
CSA	Coordination and Support Action
CwRS	Controls with remote sensing
DIAS	Copernicus Data and Information Access Service
DMP	Data Management Plan
DoA	Description of Action
DOI	Digital Object Identifier
DVI	Difference Vegetation Index
Dx.y	Deliverable number y, belonging to WP number x
EARSC	The European Association of remote Sensing Companies
EC	European Commission
ECMWF	European Centre for Medium-Range Weather Forecasts
EEA	European Environmental Agency
EEEI	European Expertise and Expert Institute
EO	Earth Observation
EO4AGRI	Earth Observation for Agricultural
ESA	European Satellite Agency
EU	European Union
EUC	End User Community
EuroGEOSS	Global Earth Observation System of Systems
EuroSDR	European research platform for National Mapping and Cadastral Agencies
FAIR	Findable, Accessible, Interoperable and Re-usable
FAO	Food and Agriculture Organization of the United Nations
FIG	International Federation of Surveyors (Fédération Internationale des Géomètres)

Abbreviation / acronym	Definition
Fintech	Financial Technology
FOSS	Free and Open Source Software
FS	Foresight
GA	(1) Gap Analysis (2) Grant Agreement
Galileo	European System of GNSS
Gbps	Gigabits per second
GÉANT	Pan-European internet network
GEO	The Group on Earth Observations
GEOGLAM	Group on Earth Observations Global Agricultural Monitoring initiative
GEOSS	Global Earth Observation System of Systems
GLIF	Global Lambda Integrated Facility
GODAN	Global Open Data for Agriculture and Nutrition
GMES	Global Monitoring for Environment and Security
GSW	GeoSpatial Week
H2020	Horizon 2020 Programme
HHR	High High Resolution (satellite imagery)
HR	High resolution
IACS	(1) Integrated Administration and Control System (2) International Association of Classification Societies
ICA	International Cartographic Association
ICT	Information and Communication Technology
INSPIRE	INfrastructure for SPatial InfoRmation in Europe
IOCR	In-Orbit Commissioning Review
IPR	Intellectual Property Rights
IPv4	Internet protocol version 4
IPv6	Internet protocol version 6
IPVI	Infrared percentage vegetation index
ISO	International Organization for Standardization
ISPA	International Society of Precisions Agriculture
ISPRS	International Society for Photogrammetry and Remote Sensing
ISSN	International Standard Serial Number
IT	Information technology
JAXA	Japan Aerospace Exploration Agency
JRC	Joint Research Centre
KPI	Key Performance Indicator
JSON	JavaScript Object Notation
LAI	Leaf area index

Abbreviation / acronym	Definition
LIDAR	Light detection and ranging
LoI	Letter of Intent
LPIS	Land Parcel Identification System
MARS	A JRC managed program for Monitoring Agricultural Resources
MoA	Ministry of Agriculture
MODIS	Moderate Resolution Imaging Spectroradiometer
MoU	Memorandum of Understanding
MS	Member State
MSAVI	Modified Soil Adjusted Vegetation Index
MSI	MultiSpectral Instrument
NADM	North American Drought Monitor
NASA	National Aeronautics and Space Administration
NOAA	National Oceanic and Atmospheric Administration
NDVI	Normalized Difference Vegetation Index
NPA	National Paying Agency
NPK	Nitrogen, phosphorus and potassium
OECD	Organization for Economic Co-operation and Development
OGS	Open Geospatial Consortium
OLU4Africa	Open Land Use for Africa
OR	Observation Requirement (a reference to the data obtained from COPERNICUS or other systems)
ORD Pilot	Open Research Data Pilot
OTS	On the spot
OTSC	On The Spot Checks
PA	Precision Agriculture
PA	Public Administration
PC	Project Coordinator
PF	Precision Farming
PII	Publisher Item Identifier
PM	Person-month
PP	Pilot Project
PRM	Policy Road Map
PSLV	Polar Satellite Launch Vehicle
PVI	Perpendicular Vegetation Index
QA	Quality Assurance
QM	Quality Manager
RASCI	Responsible/Accountable/Supportive/Consulted/Informed
RIICE	Remote Sensing based information and insurance for crops in emerging economies

Abbreviation / acronym	Definition
RM-ODP	Reference Model of Open Distributed Processing
RP	Reporting Period
RS	Remote sensing
RTD	Real Time Data
RTD	European Union's Research and Technological Development
RVI	Ratio Vegetation Index
SAR	Synthetic aperture radar
SAVI	Soil Adjusted Vegetation Index
SDG	Sustainable Development Goal
SDI	Spatial Data Infrastructures
SMOS	Soil Moisture and Ocean Salinity
SPOT	Earth Observation Satellite (France)
SRA	Strategic Research Agenda
SWIR	shortwave-infrared
SyGMa	European Commission's single Common Grant Management System
TEP	Thematic Exploitation Platform
TFRA	Task Force on Rural Africa
TL	Task Leader
TM	Thematic Mapper
ToC	Table of Contents
TSAVI	Transformed Soil Adjusted Vegetation Index
Tx.y	Task number y belonging to WP number x
UAS	Unmanned aerial system
UAV	Unmanned aerial vehicle
UN	United Nations
UR	User Requirement
URI	Uniform Resource Locator
URL	Uniform Resource Locator
VAS	Value data services
VHR	Very High Resolution (satellite imagery)
VNIR	Visible and near-infrared
WB	World Bank
WG	Work Group
WHP	White Paper
WP	Work Package
WPL	Work Package Leader