

STATUS NCP IN ITALY

NCP General Assembly 2025

Ines Marinosci

22 May 2025



PROGRAMME OF THE
EUROPEAN UNION



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ISPRA - The Italian Institute for Environmental Protection and Research

- ISPRA is part of a network known as National System for Environmental Protection - SNPA, which is made up of 19 Regional and 2 Autonomous Province's Environmental Protection Agencies (SNPA), established by Regional Laws.
- ISPRA, as the National Focal Point (NFP) of the European Environment Agency (EEA) network Eionet and in accordance with the Eionet network modernization process initiated by the EEA, coordinates the national flow of data for the Land Monitoring Service of the Copernicus programme towards European level.
- As such, it produces high-resolution spatial and thematic land use and cover data and maps that can serve as a national reference for conducting analysis of the state of the territory and landscape and for studying natural and anthropogenic processes.
- ISPRA promotes user uptake actions at both national and local levels, leveraging products and data from the Copernicus Land Monitoring Service (CLMS).



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Land Monitoring

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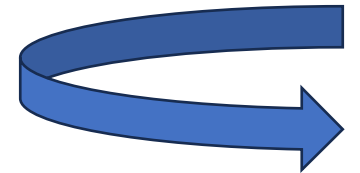
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UPTAKE ACTIONS

- Training meetings to SNPA for the project “Italian NRCs LC Copernicus supporting activities for the period 2017-2021” related to production, verification and enrichment activities for Copernicus Land Monitoring Service products (local component 2012, CLC2018, HRLs 2015)
- February 2020: Educational and training workshop on geographic data processing and EO techniques within the CLMS – Liguria Regional Environmental Protection Agency
- June 2020: CLMS thematic workshop – ISMEA Copernicus Academy
- June 2022: Educational and training workshop on Copernicus and EO and geoinformation for the environmental protection and land management – GREEN MED Symposium (general public)

in the meantime.....the FPCUP actions.....



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FPCUP ACTIONS: Italian projects



52% approved
(**13** projects)

Tier 1
National
User Uptake

Tier 2
Global
actions

100% approved
(**10** projects)

88% approved
(**8** projects)

Tier 3
Business
solutions

Most of them specific for CLMS



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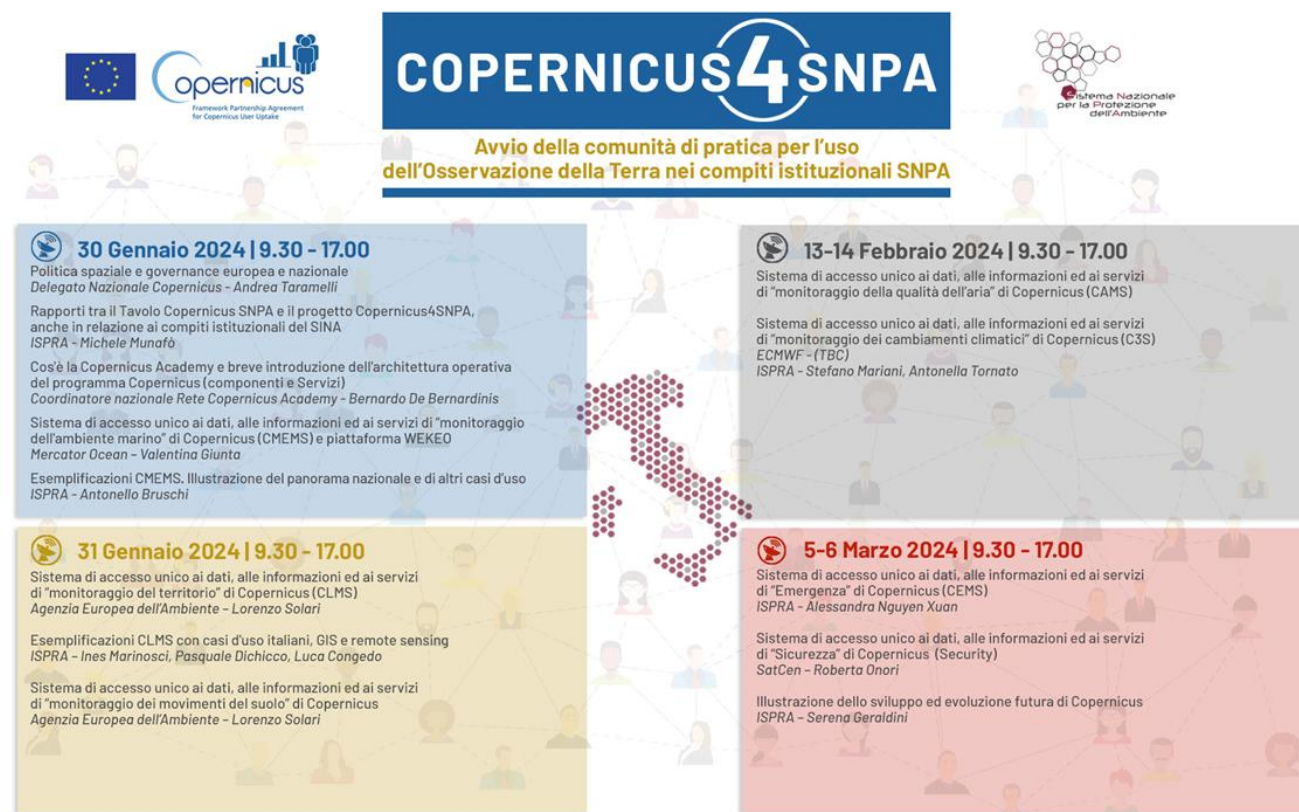
FPCUP ACTIONS: Italian projects

The general aim of the action is to broaden the knowledge and effective use of Copernicus Program within the National System for Environmental Protection (SNPA)

- ❑ **6 introduction days of training to the project participants (60 Participants in total);**
- ❑ **20 specific training (2 days training on 2 Copernicus Services selected by beneficiaries) – to each local Agency – about 50-100 participants per Agency (1083 Participants in total)**

All EEs were involved

FPCUP: *User uptake actions to National System for Environmental Protection (SNPA)*



About 200h training on Copernicus Services



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FPCUP ACTIONS: Italian projects



CLMS training in 15 Regions

FPCUP: User uptake actions to National System for Environmental Protection (SNPA)



COPERNICUS4SNPA

Avvio della comunità di pratica per l'uso dell'Osservazione della Terra nei compiti istituzionali SNPA

30 Gennaio 2024 | 9.30 - 17.00
Politica spaziale e governance europea e nazionale
Delegato Nazionale Copernicus - **Andrea Taramelli**
Rapporti tra il Tavolo Copernicus SNPA e il progetto Copernicus4SNPA, anche in relazione ai compiti istituzionali del SINA
ISPRA - **Michele Munafò**
Cos'è la Copernicus Academy e breve introduzione dell'architettura operativa del programma Copernicus (componenti e Servizi)
Coordinatore nazionale Rete Copernicus Academy - **Bernardo De Bernardinis**
Sistema di accesso unico ai dati, alle informazioni ed ai servizi di "monitoraggio dell'ambiente marino" di Copernicus (CMEMS) e piattaforma WEKEO Mercator Ocean - **Valentina Giunta**
Esemplificazioni CMEMS. Illustrazione del panorama nazionale e di altri casi d'uso
ISPRA - **Antonello Bruschi**

13-14 Febbraio 2024 | 9.30 - 17.00
Sistema di accesso unico ai dati, alle informazioni ed ai servizi di "monitoraggio della qualità dell'aria" di Copernicus (CAMS)
Sistema di accesso unico ai dati, alle informazioni ed ai servizi di "monitoraggio dei cambiamenti climatici" di Copernicus (C3S) ECMWF - (TBC)
ISPRA - **Stefano Mariani, Antonella Tornato**

31 Gennaio 2024 | 9.30 - 17.00
Sistema di accesso unico ai dati, alle informazioni ed ai servizi di "monitoraggio del territorio" di Copernicus (CLMS)
Agenzia Europea dell'Ambiente - **Lorenzo Solari**
Esemplificazioni CLMS con casi d'uso italiani, GIS e remote sensing
ISPRA - **Ines Marinossi, Pasquale Dichicco, Luca Congedo**
Sistema di accesso unico ai dati, alle informazioni ed ai servizi di "monitoraggio dei movimenti del suolo" di Copernicus
Agenzia Europea dell'Ambiente - **Lorenzo Solari**

5-6 Marzo 2024 | 9.30 - 17.00
Sistema di accesso unico ai dati, alle informazioni ed ai servizi di "Emergenza" di Copernicus (CEMS)
ISPRA - **Alessandra Nguyen Xuan**
Sistema di accesso unico ai dati, alle informazioni ed ai servizi di "Sicurezza" di Copernicus (Security)
SatCen - **Roberta Onori**
Illustrazione dello sviluppo ed evoluzione futura di Copernicus
ISPRA - **Serena Geraldini**

About 200h training on Copernicus Services



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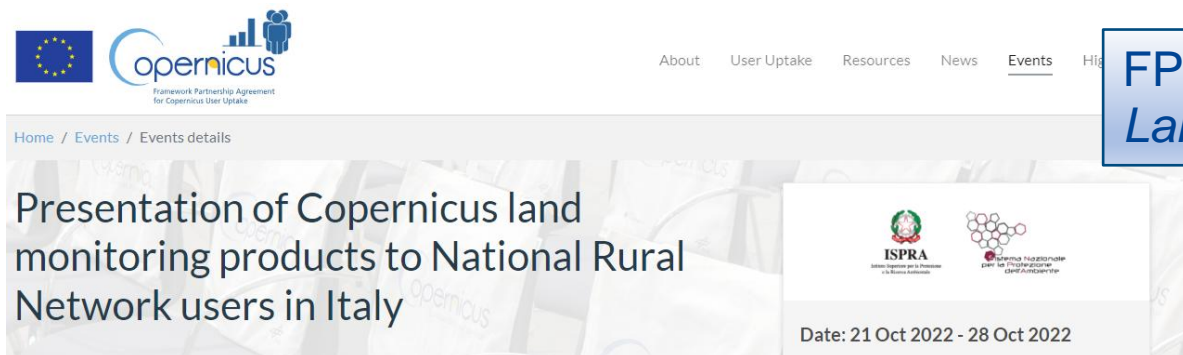


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FPCUP ACTIONS: Italian projects

FPCUP: *User Uptake of Copernicus Services for Landscape and Spatial Planning Stakeholders*



Home / Events / Events details

Presentation of Copernicus land monitoring products to National Rural Network users in Italy

ISPRA Istituto Superiore per la Protezione e la Ricerca Ambientale

Copernicus Framework Partnership Agreement for Copernicus User Uptake

Date: 21 Oct 2022 - 28 Oct 2022



Home / Events / Events details

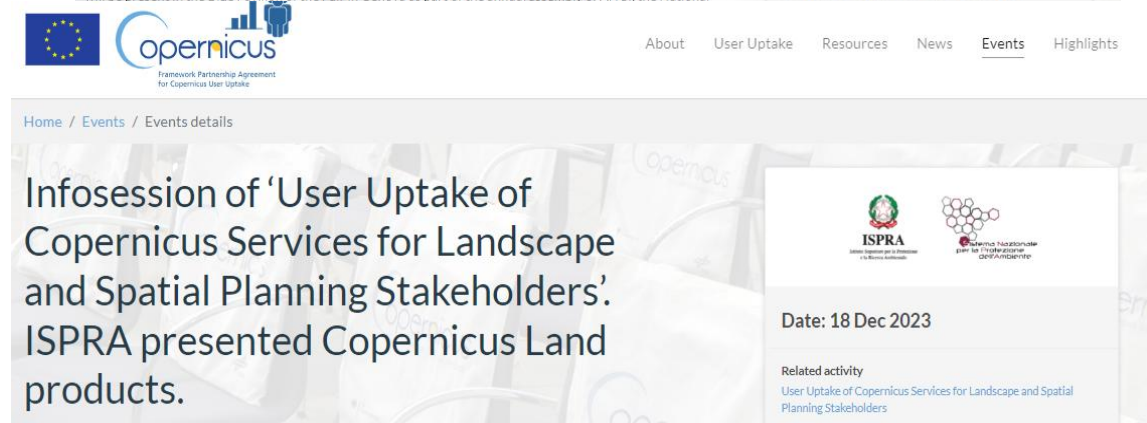
ISPRA at the ANCI Annual Assembly with thematic meetings

This is an important opportunity to learn about new data and scientific reports: from 25 to 26 October, ISPRA will be present in the Blue Pavilion of the Fair in Genova as part of the annual assembly of ANCI, the National Association of Italian Municipalities.

ISPR Istituto Superiore per la Protezione e la Ricerca Ambientale

Copernicus Framework Partnership Agreement for Copernicus User Uptake

Date: 25 Oct 2023 - 26 Oct 2023



Home / Events / Events details

Infosession of 'User Uptake of Copernicus Services for Landscape and Spatial Planning Stakeholders'. ISPRA presented Copernicus Land products.

ISPR Istituto Superiore per la Protezione e la Ricerca Ambientale

Copernicus Framework Partnership Agreement for Copernicus User Uptake

Date: 18 Dec 2023

Related activity
User Uptake of Copernicus Services for Landscape and Spatial Planning Stakeholders



Home / Events / Events details

Presentation of the first results for the project FPCUP User Uptake of Copernicus Services for Landscape and Spatial Planning Stakeholders

ISPR Istituto Superiore per la Protezione e la Ricerca Ambientale

Copernicus Framework Partnership Agreement for Copernicus User Uptake

Date: 27 Feb 2025 - 27 Feb 2025

Related activity
User Uptake of Copernicus Services for Landscape and Spatial Planning Stakeholders

Implementing Country: Italy

Related Files
Agenda (Italian)

Related Links
View all ISPR user uptake actions

Created by Ines Marinacci



IL PROGETTO FPCUP USER UPTAKE OF COPERNICUS SERVICES FOR LANDSCAPE AND SPATIAL PLANNING STAKEHOLDERS: I PRIMI RISULTATI

27 febbraio 2025
ore 9:30 - 13:00

ISPR - Via Vitaliano Brancati, 48

On 27 February ISPR will present the first results of the FPCUP project "User Uptake of Copernicus Services for Landscape and Spatial Planning Stakeholders".

The project is part of the work program of the FPCUP consortium - Framework Partnership Agreement for Copernicus User Uptake - started in 2018, coordinated by DLR (German Aerospace Center) with funding from the EC, and which includes 50 partners from 23 European countries.

The primary objective of FPCUP projects is to increase the number of Copernicus users and applications derived from Copernicus products and services based on user needs. Five European partners, CBK - Poland, IES - Latvia, DGT - Portugal, SRTI-BAS - Bulgaria, IH-Cantabria - Spain, are participating together with ISPR in the "User Uptake of Copernicus Services for Landscape and Spatial Planning Stakeholders" project.



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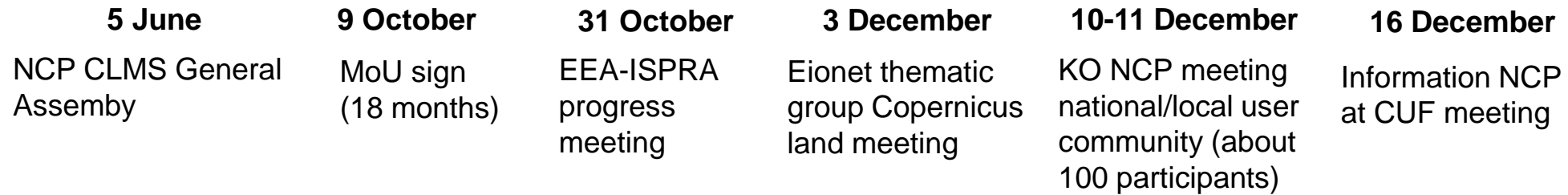


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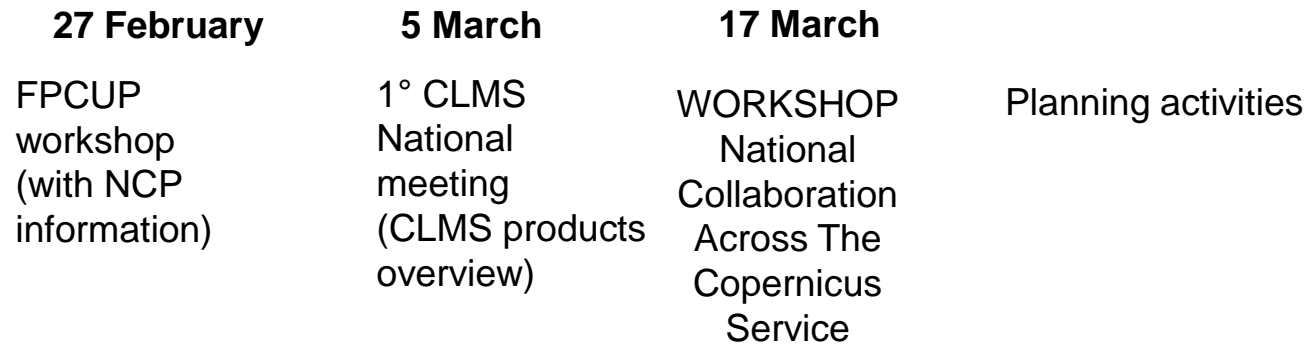


NCP: state of the art

2024



2025



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NCP: mandatory modules

2025

27 February

FPCUP
workshop
(with NCP
information)

5 March

1° CLMS
National
meeting
(CLMS products
overview)

17 March

WORKSHOP
National
Collaboration
Across The
Copernicus
Service

NCP implementation per modules

Mandatory

- Use case stories
 - Support the EEA
 - Max. two per country
- Organisation of CLMS meetings
 - Goal: Support natl-level dialogue
 - Min. two per country
- Support progress monitoring
- Final report

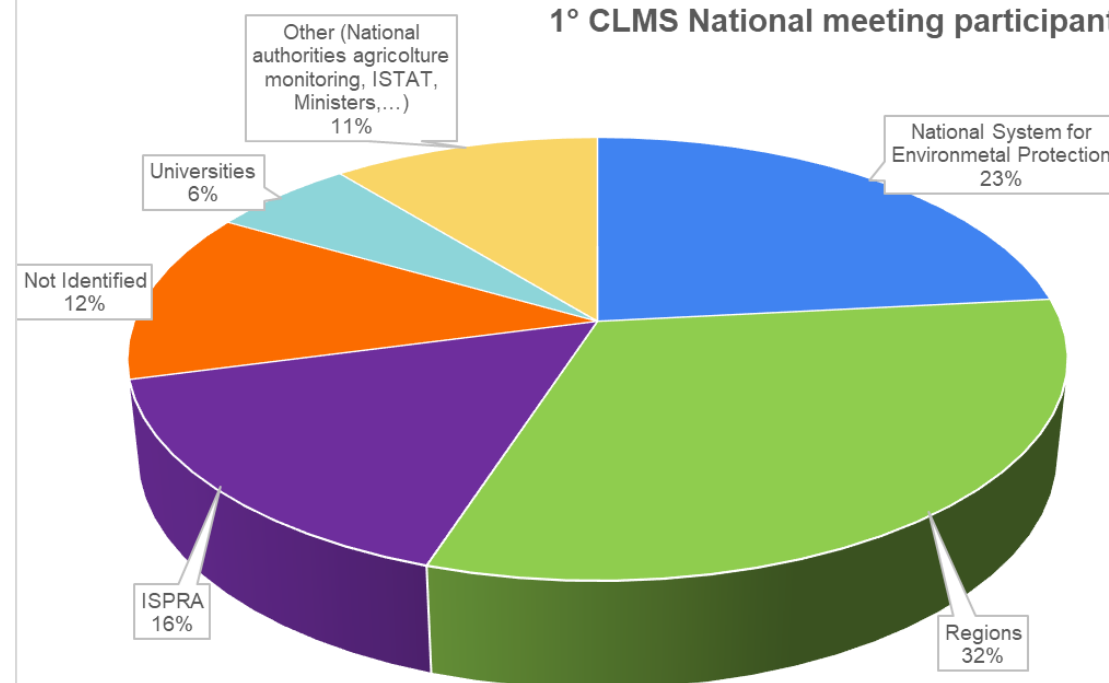


Optional

- Focus teams
- Training sessions
- Visiting Ph.D. students at the EEA
 - Number: Max two/year
 - Duration: 6 – 12 months
 - Hosting country covers all costs, except for IT
- Communication material



1° CLMS National meeting participants



Primo meeting nazionale con la comunità degli utenti*

Il National Collaboration Programme per il Copernicus Land Monitoring Service

5 marzo 2025, modalità online

ISPRA
Istituto Superiore per la Protezione e l'Ambiente

Ines Marinosci – ISPRA
ines.marinosci@isprambiente.it

*Con materiale informativo messo a disposizione dell'Agenzia Europea dell'Ambiente



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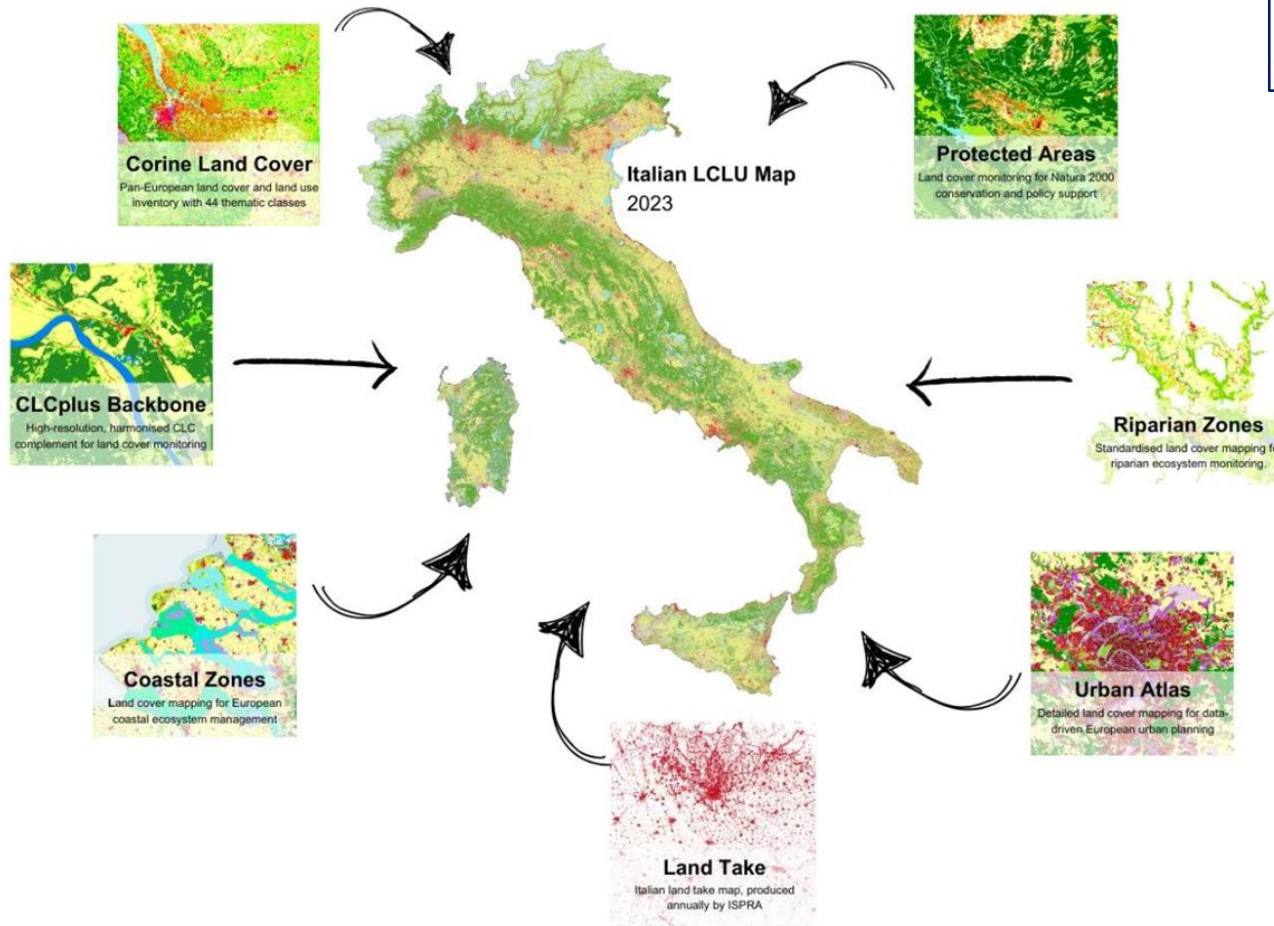
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NCP: mandatory modules



NCP implementation per modules

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Development of CLMS-based use case story: National land cover map based on integrated CLMS and national and regional products



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NCP: optional modules

- **USER FEEDBACK TRAINING SESSIONS**

NCP implementation per modules

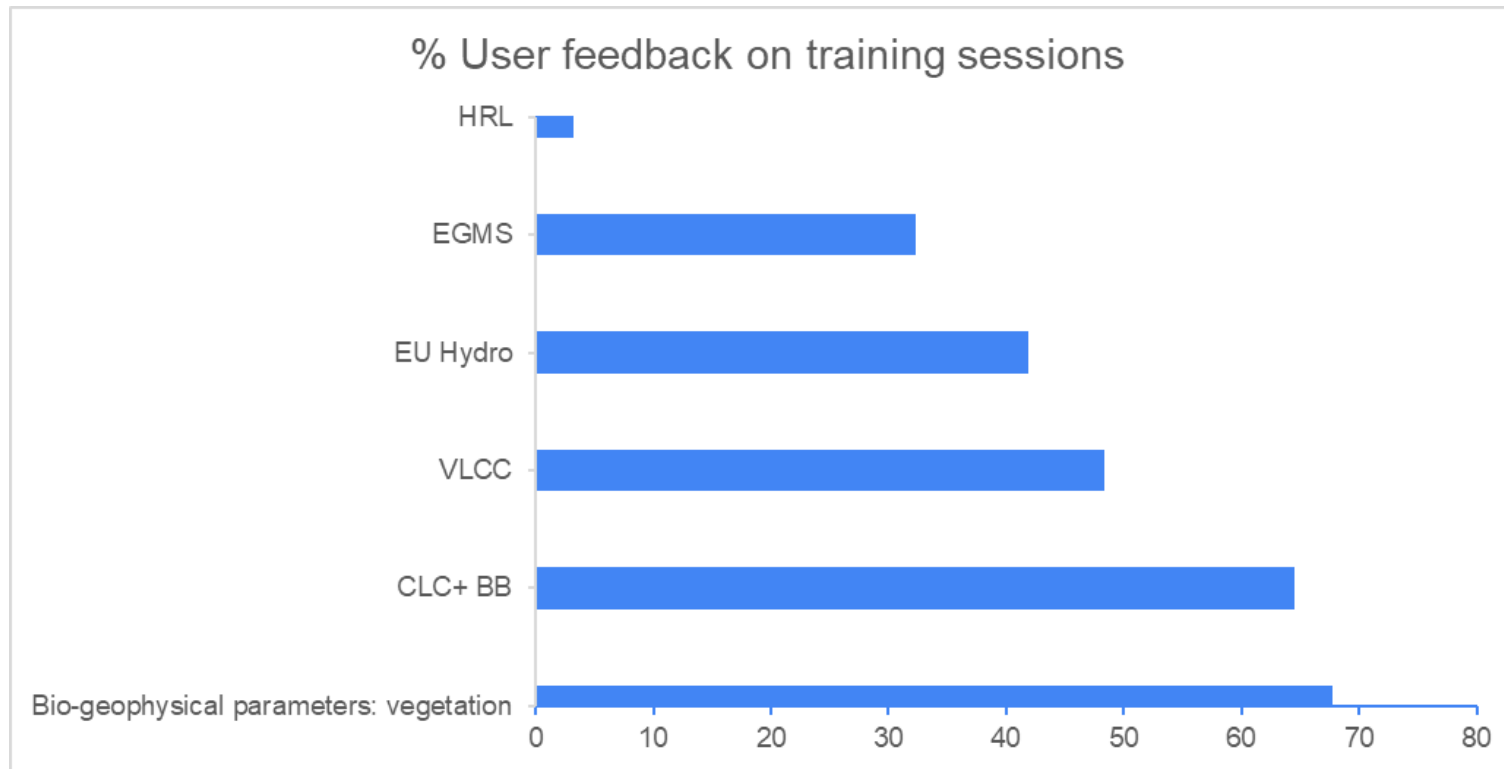
Mandatory

- Use case stories
 - Support the EEA
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Optional

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NCP: optional modules

Communication material: web pages

NCP implementation per modules

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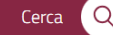


Il National Collaboration Programme per il
Copernicus Land Monitoring Service

Il 9 ottobre 2024, in occasione della country visit in Italia dell'Agenzia Europea dell'Ambiente (AEA), è stato firmato il Memorandum of Understanding (MoU) tra l'ISPRa e l'AEA, della durata di 18 mesi, con lo scopo di favorire la cooperazione tra il Paese e l'Agenzia nell'ambito del Copernicus Land Monitoring Service (CLMS) e definendone le modalità. Le attività di cooperazione, di cui si evidenzia l'opportunità per consolidare la collaborazione con l'AEA in materia di informazione, formazione e sviluppo di prodotti di monitoraggio basati sulle necessità degli utenti nazionali, si inseriscono nel



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CLMS National Collaboration Programme – Italia

Il National Collaboration Programme per il Copernicus Land Monitoring Service



Il National Collaboration Programme (NCP) è un'iniziativa approvata dalla Commissione Europea e lanciata dall'Agenzia Europea dell'Ambiente (AEA) per promuovere la collaborazione tra i paesi membri nell'utilizzo e nello sviluppo futuro del Copernicus Land Monitoring Service (CLMS).

La base per il National Collaboration Programme è stabilita attraverso un accordo di collaborazione formalizzato nel Memorandum of Understanding (MoU) adattato e firmato con ciascun paese. Questi MoU definiranno le attività chiave, inclusa la nomina di un Punto Focale nazionale per il NCP (FP), responsabile del coordinamento della comunità degli utenti a livello nazionale e del mantenimento della comunicazione con l'Agenzia Europea dell'Ambiente (AEA) durante il programma.

Il 9 ottobre 2024, in occasione della country visit in Italia dell'Agenzia Europea dell'Ambiente, è stato firmato il **Memorandum of Understanding** tra l'ISPRa e l'AEA, della durata di 18 mesi, con lo scopo di favorire la cooperazione tra il Paese e l'Agenzia nell'ambito del **Copernicus Land Monitoring Service** (CLMS) e definendone le modalità. Le attività di cooperazione, di cui si evidenzia l'opportunità per consolidare la collaborazione con l'AEA in materia di informazione, formazione e sviluppo di prodotti di monitoraggio basati sulle necessità degli utenti nazionali, si inseriscono nel quadro dei **National Collaboration Programme** (NCP) che le Entrusted Entities europee stanno sottoscrivendo con gli Stati Membri su indicazione della Commissione Europea.



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NCP: optional modules

Communication material: social channel

Forum Nazionale degli Utenti Copernicus

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2m •

1° Meeting Nazionale del National Collaboration Programme per il Copernicus Land Monitoring Service

Il 5 marzo 2025, dalle 10:00 alle 12:00, si terrà il primo workshop online dedicato agli Utenti Istituzionali #CLMS, che avranno occasione di approfondire l'uso dei dati e prodotti #Copernicus Land:

- ✓ Approfondimenti sui dati e prodotti CLMS
- ✓ Confronto diretto con esperti del settore
- ✓ Opportunità di networking e collaborazione

#CopernicusLand #EarthObservation #Innovation
Copernicus EEA ISPRA

Copernicus Land Monitoring Service

Copernicus Land Monitoring Service (CLMS)

We provide geographical information on land cover and its changes, land use, ground motion, vegetation state, water cycle and earth surface energy variables for both Europe and the entire globe.

All products are free of charge and can be used for any purpose.

1° MEETING NAZIONALE ORGANIZZATO NELL'AMBITO DEL NATIONAL COLLABORATION PROGRAMME

Land Cover and Land Use Mapping

Land cover classifications complemented by detailed layers on vegetated and non-vegetated land cover characteristics

Priority Area Monitoring

Tailored land cover and land use information with a higher level of detail for specific areas of interest prone to environmental changes

Bio-geophysical Parameters

Qualified bio-geophysical products on the status and evolution of the land surface complemented by the long term time series

Ground Motion Monitoring

Information on the natural and anthropogenic ground motion throughout Europe with millimeter accuracy

Satellite Data

Satellite image mosaics from Copernicus and commercial satellite missions monitoring land surface conditions

Reference and Validation Data

Ground-based observations, geospatial reference data used in CLMS product creation or validation

Altri post

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E' disponibile la documentazione del 1° Meeting Nazionale del National Collaboration Programme per il Copernicus Land Monitoring Service che si è tenuto lo scorso 5 marzo.

Visita la pagina dedicata al NCL CLMS e visualizza la registrazione dell'evento e le presentazioni
https://lnkd.in/ds7_UG4Z

#CopernicusLand
#EarthObservation
#Innovation
Copernicus EEA ISPRA

NCP National Collaboration Programme

9

2 diffusioni post

Consiglia

Commenta

Diffondi il post

Invia

NCP implementation per modules

Mandatory

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Copernicus

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Azioni con le agenzie europee gestori dei Servizi Copernicus e l'hackathon SpazioCulturale - sfida per giovani talenti

Stati Generali dell'Innovazione, coordinatore nazionale della Campagna delle #alldigitalweeks | All Digital nonché espressione del Forum Nazionale degli Utenti Copernicus per la comunità del Terzo Settore, insieme al Forum Nazionale e ad ISPRA, propongono questo interessante incontro come contributo al tema #adweeks2025: "Competenze digitali per l'occupazione, l'imprenditorialità e l'innovazione"

Le azioni di coordinamento verso l'Europa vedono coinvolti il Copernicus ECMWF, per quanto attinente al Copernicus Atmosphere Monitoring Service (#CAMS) e al Copernicus Climate Change Service (#C3S), e l'European Environment Agency, per il Copernicus Land Monitoring Service (#CLMS), attraverso la sottoscrizione di Memorandum of Understanding e specifiche iniziative nazionali #NCPAMS-IT #NCP3S-IT #NCPCLMS-IT

Tra le azioni di promozione rientra l'Hackathon SpazioCulturale, un laboratorio sotto forma di concorso di idee, organizzato dall'ECMWF, dal Forum Nazionale degli Utenti Copernicus e dall'ISPRA, con il supporto e la sponsorizzazione da parte di EU Project SD-WISHEES e-GEOS e Planetek Italia

Interverranno Antonella Tornato Stefano Mariani e Ines Marinosci di ISPRA

Evento online – L'appuntamento è domani, venerdì 4 aprile, ore 10:00 – 10:30 Per registrarsi: <https://lnkd.in/dM8iw8iB>



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Copernicus
Europe's eyes on Earth



Land Monitoring

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NCP: optional modules and planning activities

- **FOCUS TEAMS** (tbd). Must the Focus teams be proposed by the country? Do you have suggestion?
- **PhD visit** (confirmed – the scientific proposal is being finalised for submission to IUSS Scientific Board, responsible for approving PhD students' visiting periods abroad)
- Analyse user feedback **training sessions** that will be organised by EEA (autumn 2025?)



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NCP: administrative issue

Financial instruments (table 6.1, Annex I)

| Task | Type of task | Duration of workload [days] | Funds/country [€] |
|---|----------------------|-----------------------------|-------------------|
| 1) NCP FP dialogue with EEA during NCP implementation | FP coordination task | 13 | 9,100 |
| 2) Development of two CLMS-based use cases | Mandatory module | 2 | 1,400 |
| 3) Organisation of at least two CLMS meetings | Mandatory module | 18 | 12,600 |
| 4) Supporting monitoring of progress and impact (see Table 4.1) | Mandatory module | 3 | 2,100 |
| 5) Submit final report to the EEA | Mandatory module | 3 | 2,100 |

Internal administrative procedure is not easy.....

- EEA has sent the *order form* and the *application form* for the reimbursement
- ISPRA has prepared a formal document with the description of activities/budget (Annex I) to be signed Director General
- ISPRA administrative offices have issued a positive feedback
- ISPRA is going to sign the *order form* and the *application form* for the reimbursement



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