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VALIDATED LOCAL RISK ACTIONABLE DATA FOR ADAPTATION



D3.3

Catalogue of webinars and training materials supporting capacity building for the broader community

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Climate KIC

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[1] Dissemination level: **PU** = Public, **PP** = Restricted to other programme participants (including the Commission Services), **RE** = Restricted to a group specified by the consortium (including the Commission Services), **CO** = Confidential, only for members of the consortium (including the Commission Services).

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EO	Earth Observation
WP	Work package

1. Description of the deliverable content and objectives

1.1 Description of the deliverable content and objectives

Deliverable 3.3 Catalogue of webinars and training materials supporting capacity building for the broader community (D3.3) builds on the activities carried out under WP3 Demonstrator implementation (especially T3.3 *Capacity building and stakeholder mobilisation concept for the broader community*) and is informed by close collaboration with all work packages (WPs).

D3.3 refers to the capacity building interactive workshops within the VALORADA Capacity Building Programme that are available created for, and conducted with, the broader VALORADA community (beyond the demonstrators - pairing a regional or local authority[4] with an Earth Observation (EO) service provider to develop an EO-based climate adaptation solution tailored to regional needs within the project).

D3.3 refers solely to the repository/catalogue as an online space where these materials can be found. The context of the VALORADA Capacity Building Programme, its pre-selection, contents, lessons learned, and outcomes have been described at large in *D3.1 Best Practices, Pain Points and Milestones of Development of Earth Observation-based Climate Adaptation Solution,* which can be consulted for a detailed understanding of the matter.

1.2 Deviation from objectives, corrective action (if applicable)

None.

1.3 Major outcome

The outcomes of the VALORADA Capacity Building Programme and its past workshops available to the broader audience have been gradually updated and are now maintained online on the project website.

[4] The VALORADA demonstrators take place in Burgas and Gabrovo (BG), Mlada Boleslav and Prerov (CZ), Central Greece (GR), Occitania (FR) Molise (IT) - https://valorada-project.eu/demonstrators/

2. Major outcome of the work - Catalogue of Training Materials

2.1 Capacity Building Progamme Repository

All the available information from the interactive workshops is available on the webpage of the VALORADA Capacity Building Programme[5] on the project website. It consolidates VALORADA-generated webinars, training resources, and relevant external material (e.g., infographics) from EU-funded projects, including HARMONIA, Region4Climate, SPACE4CITIES, USAGE, PROTECT, PCP-WISE, RUSTIK and Granular. The repository provides a structured knowledge base supporting wider uptake of EO-based climate adaptation approaches. Thematic coverage includes climate risk and adaptation data and assessment, market opportunities, procurement, data culture and governance and systemic impact considerations in climate risk communication. Materials were designed to support replication and transferability across European regions and sectors.



Figure 1 Part of VALORADA's Capacity Building Programme Webpage

[5] https://valorada-project.eu/capacity-building-programme/

The project delivered targeted capacity building and market intelligence activities supporting both public administrators and EO service providers engaged in the demonstrators. Activities included webinars, workshops, bilateral support sessions, training materials and practical exchanges tailored to demonstrator needs and maturity levels.

For public authorities, the activities strengthened capacities to identify and prioritise climate vulnerabilities and risks, integrate EO-based services into their workflow and understand the systemic implications of existing adaptation strategies. Training addressed EO-driven climate services, FAIR data principles, innovation procurement, data culture and inclusive risk communication. Guidance was adapted from existing initiatives, including materials developed under various Horizon Europe projects. For EO service providers, activities focused on improving understanding of user requirements, climate data availability and gaps, operational tools and co-development approaches with public authorities. ECMWF contributed dedicated training resources, including Climate Data Store and Climate Atlas with an emphasis on open coding sources. More detailed information can be found in D3.1, and a relevant excerpt of it is to be found in the Annex.

2.2 Legacy

After the end of VALORADA, the materials will continue to be available on the project webpage until this one is still available – two years after the project's end. In the meantime, there are ongoing discussions with VALORADA partners on the hosting of project results, including the Capacity Building Programme, after the website is not supported anymore, and this will likely be hosted on the websites of a current VALORADA partner allowing for longer accessibility of the materials by a broader audience of interested stakeholders.

Annex - Delivery of capacity building and knowledge exchange activities

(excerpt from D3.1: Best Practices, Pain Points and Milestones of Development of Earth Observation-based Climate Adaptation Solutions)

Capacity building and knowledge exchange activities were implemented through a structured programme of thematic workshops, webinars and targeted exchanges, aimed at strengthening the capacity of both regional and local authorities and EO service providers involved in the VALORADA demonstrators, while also engaging with Tier 2 and Tier 3 stakeholders. The programme was designed around a systems thinking approach, aiding participants in understanding climate risks and adaptation solutions not as isolated challenges, but as interconnected components of regional and local socio-economic, environmental and governance systems.

Between 8 and 30 April 2024, EIT Climate-KIC conducted a capacity building survey (Annex I to D3.1), tailored to local and regional authorities of the VALORADA demonstrators. From the first series of VALORADA regional workshops, the project identified a list of relevant Tier 1 stakeholders (n=82). The capacity building survey was translated into the local language and shared with the workshop stakeholders. In addition, the CBS was promoted on VALORADA social media channels and across VALORADA sister projects (for details, please see here). It gathered 23 responses from local, regional and national authorities and citizens from 7 European countries, including Bulgaria, Czechia, France, Greece, Italy, Spain and the United Kingdom. More information can be found in Annex I of D3.1.

Workshop thematic	Climate risk data and assessment		Governance, policies and strategies		Risk communication	
Workshop name	Data for climate risk reduction and adaptation	Copernicus Climate Change Service Support to Regions and Cities	Local data spaces and management	Green innovation procurement	Building risk communication for people with disabilities	Making policies work for rural areas through Earth Observation data
Date	November 5, 2024	November 19, 2024	April 17, 2025	April 24, 2025	October 14, 2025	October 14, 2025
In-person/online	Online	Online	Online	Online	In-person	In-person
Length (minutes)	60	60	60	60	90	90

Collaborating organisations	Hereon, EARSC, Politecnico di Milano, Comune di Milano	ECMWF, Aerospace Valley, Forum Virium Helsinki	Cloudferro, Lisbon Council, Epsilon Italia	G.A.C. Group, Corvers Procurement Services	International Disability Alliance, United Nations Office for Disaster Risk Reduction	Samenwekingsverband P10, DG AGRI (EC), OECD, European Committee of the Regions, Region of Central Greece
Number of participants	42	35	16	13	40+	100+[6]
Type of participants	LRAs, NGOs, Academic/Research institute, climate service providers, EU institution, agency and interinstitutional service	LRAs, NGOs, Academic/Research institute, climate service providers, EU institution, agency and interinstitutional service and international organisation	LRAs, NGOs, Academic/Research institute, international organisation	LRAs, NGOs, Academic/Research institute, climate service providers	LRAs, NGOs, Academic/Research institute, climate service providers, EU institution, agency and interinstitutional service and international organisation	LRAs, NGOs, Academic/Research institute, climate service providers, EU institution, agency and interinstitutional service and international organisation
Number of new LRAs trained	8	2	5	3	13	24+[7]

Table 1. Summary of CBP workshops

The VALORADA CBP[8] was organised into thematic workshop series addressing key dimensions of systemic, data-driven climate adaptation (table 1). A first series focused on climate risk data and assessment, supporting participants in understanding how EO and climate data can be used to assess climate vulnerabilities and risks, and how such data can be combined with local knowledge and other European datasets to inform adaptation decision-making. These activities emphasised the role of EO-based services in enabling systemic analysis of climate

[6] CKIC requested the exact number of participants from the organising committee of EURegionsWeek as of 20 October 2025. The figures of EURegionsWeek sessions represent estimates rather than confirmed figures.

[7] Two of the participants represent associations of LRAs, thus the '+' sign is used to reflect this aspect.

[8] VALORADA (2026) *Capacity Building Programme*. Available at: https://valorada-project.eu/capacity-building-programme/

impacts across sectors and spatial scales. Participants also received practical guidance from the ECMWF on FAIR data principles, climate data handling and Copernicus products and services.

A second series addressed governance, policies and strategies, with a focus on digital governance, data spaces and enabling frameworks for climate adaptation. These activities supported LRAs in navigating the institutional and policy context required to operationalise EO-based climate services, including aspects related to interoperability, data governance, innovation procurement, and the integration of climate services into regional adaptation strategies.

A third series focused on risk communication, highlighting the importance of accessible, participatory and multi-stakeholder strategies for conveying climate risks and adaptation options. Participants explored how visualisation tools, narrative techniques and systems thinking methods can strengthen engagement and policy uptake, reinforcing systemic role of communication in enabling coordinated climate action. The series also leveraged European Week of Regions and Cities (EURegionsWeek) as an important platform, promoting VALORADA's methodology beyond the demonstrators and advocating for systems-thinking approach to climate adaptation among a wider community of LRAs and service providers.





Figure 9. Photos of risk communication workshop at the EURegionsWeek

Across all thematic areas, capacity building activities promoted peer-to-peer exchange and cross-fertilisation of experiences between regions, service providers and external initiatives. Dedicated sessions and exchanges involved contributors from other Horizon projects, including HARMONIA[9], USAGE[10], GRANULAR[11], RUSTIK[12] and related initiatives, enabling mutual learning on topics such as urban climate services, innovation procurement, public-sector uptake of EO solutions, and scalable service development. These exchanges strengthened alignment across EU-funded actions and supported the identification of transferable practices beyond the VALORADA demonstrators.

Selected participant feedback from the EURegionsWeek session:

- Expert of International Disability Alliance:

[9] HARMONIA (2026) *HARMONIA provides tools to predict Climate Change effects.* Available at: https://harmonia-project.eu/

[10] USAGE (2026) *Urban Data Space for Green Deal.* Available at: https://www.usage-project.eu/

[11] GRANULAR (2026) *Better knowledge for better rural policies.* Available at: https://www.ruralgranular.eu/

[12] Rustic (2026) *Rural Sustainability Transitions through Integration of Knowledge for improved policy processes.* Available at: https://rustik-he.eu/

"... the workshop was useful to engage with people who work outside the disability circle and important to breaking sectoral silos to develop useful risk communication tools."

- Regional authority of Cracow for Social Policy: "It was really interesting and helpful to have discussions [with] different stakeholders, putting all the pieces together to tackle risk communication challenges."

Participants responded positively to the capacity building workshops, emphasising its value in strengthening a systemic approach to climate adaptation and supporting them move beyond fragmented analyses toward a more integrated understanding of climate risks across sectors and scales. They highlighted how the combination of climate scientist, local knowledge and European EO expert enabled a more holistic risk assessment, while the focus on governance, data spaces and risk communication reinforced the interconnected roles of data, institutions and stakeholders in decision-making. Overall, the programme was seen as supportive in introducing systems thinking into VALORADA demonstrators and broader community.