

# News about C-SRNWP

23 September 2025

Christoph Schraff (DWD, Germany)



## EUMETNET Programmes: 2024 - 2028

### Observations Capability Area (OBS CA)

E-SOH

E-IoT

E-ASAP

E-ABO

E-SurfMar

E-GVap

E-Profile

OPERA

AutoPollen

### Capacity Capability Area (CSA CA)

E-WFC

C-SRNWP

SRNWP-EPS

Post-Processing

E-Nowcasting

EMMA

Climate

PEP725

Aviation

eGAFOR

CBCF

EUMETCAL

### Support Capability Area (SUP CA)

EUMETRep

EUMETFreq

EUMETDAPS

DCC

E-RODEO

E-AI

# Organization

## EUMETNET – Weather Forecasting Cooperation (E-WFC)

GeoSphere Austria (Coordinating Member)

Franziska Schmid

Manager

Scientist

software scientist

### SRNWP-EPS module

### C-SRNWP module

DWD- Coordinating Member

Christoph Schraff  
(ad-interim)

Vanessa Schlidt  
(permanent after transition)

AEMET – co-coordinator

Alfons Callado Pallares

vacant

ItAF-Met – co-coordinator

Francesca Marcucci

Marco di Giacomo,  
Dario Cappelli (Geo-K)

### PP module

RMIB

Coordinating Member

Stephane Vannitsem

Jonathan Demaeyer

### E-NWC module

Franziska Schmid

Aitor Atencia

## C-SRNWP: Organization

- DWD: coordinating member for C-SRNWP (& co-managing SRNWP-EPS)
  - Module Manager Chiara Marsigli left DWD end of Jan. 2025
  - **Christoph Schraff** appointed temporal Module Manager from Feb. 2025
  - **Vanessa Schlidt** started working on on C-SRNWP contract in July and will take over as permanent Module Manager after a transition phase
- Georgia (LEPL National Environment Agency) is a new cooperating NHMS of EUMETNET, participating a.o. in E-WFC incl. C-SRNWP, SRNWP-EPS, ...

## C-SRNWP 2024 – 2028: requirements

Req no.	Requirement description	Priority
C-SRNWP_1	Ensure efficient <b>exchange of information</b> between Participating Members and European LAM consortia in relation to <b>scientific, technical</b> and <b>operational</b> aspects of NWP.	M
C-SRNWP_2	Ensure the maintenance of <b>resources</b> (e.g. existing <b>software</b> ) and development of new resources under the EUMETNET 'umbrella' to support the NWP community, e.g. in data assimilation (DA) and parametrization.	M

- EWGLAM/SRNWP annual workshop
- Expert Teams of selected topics
- SRNWP website
- Contact with the OBS programmes → A. Cress, DWD
- Short Term Scientific Missions → E-WFC
- Inform about other conferences / projects
- Follow the DestinE project
- Organise thematic workshops (hectometric WS 2024)

## C-SRNWP\_1 (exchange of information): activities

- discussion on role and structure of C-SRNWP **Expert Teams** will continue (in AET)
  - ETs are still needed; removal, replacement, or revision of some ETs?
  - need for new, or possibly more agile / flexible ETs (in the direction of transversal working groups or tiger teams)?
  - AI: more collaboration with E-AI
    - ✓ invite E-AI representative to report on EWGLAM meetings on a regular basis

## C-SRNWP\_1 (exchange of information): activities

- ObsSET Meeting (4 – 5 June) participation of C-SRNWP MM)

Schraff: “novelties and issues linked to the use of observations in LAM NWP models”

→ SRNWP community:

- requests for more **wind-optimized radar** scans and better **metadata** transparency and **harmonized radar quality control** across countries,
  - has interest in expanding the use of **multi-network surface** observations,
  - requests an improved access to **crowd-sourced** data
- EWGLAM 2026: in Ireland, confirmed by Met Éireann  
(location / date / special topic to be decided)

# C-SRNWP\_1: new web site of C-SRNWP: www.srnwp.eu

The screenshot displays the EUMETNET website for C-SRNWP. The header includes the EUMETNET logo and the text "COORDINATION ON SHORT RANGE NUMERICAL WEATHER PREDICTION". The main content area is organized into a grid of sections:

- about us**: Purpose & participants. The purpose of C-SRNWP, a programme of EUMETNET, is to help communication between European national meteorological and hydrological services and consortia, involved in short-range numerical weather prediction. It strives to coordinate and harmonize their activities and plans for their best.
- our friends**: European NWP consortia. European Met services have formed consortia for cooperative development of numerical weather prediction. Each consortium advances its own model for the operational and research needs of its members. See:
  - their models and working
- meetings**: Annual meetings. Every year C-SRNWP organizes its annual meeting (in parallel with EWGLAM's). The most recent was at Prague (30 Sep-3 Oct 2024). You can see all **past meetings** and the presentations given by their participants.
- reporting**: Annual Reports. The SRNWP Programme started the first of January 2000. Since then, the active project manager publishes at the end of each year, publishes the annual report which summarizes the activities and conclusions during the past 12 months. Here is a list of these reports (and the project managers who issued).
- for us**: Teams & Workshops. Expert Teams (ET) have formed, with specialized focus. See our ETs **description**. Other than the annual meeting, **workshops** have been taking place since 1999.
- for YOU**: Public projects. Currently, there is only one public project, the **free observations** that provides the measurements from some high quality European sites. For some of these, their observations span more than a decade.

A red callout box at the bottom of the content area states: **→ needs to be updated**

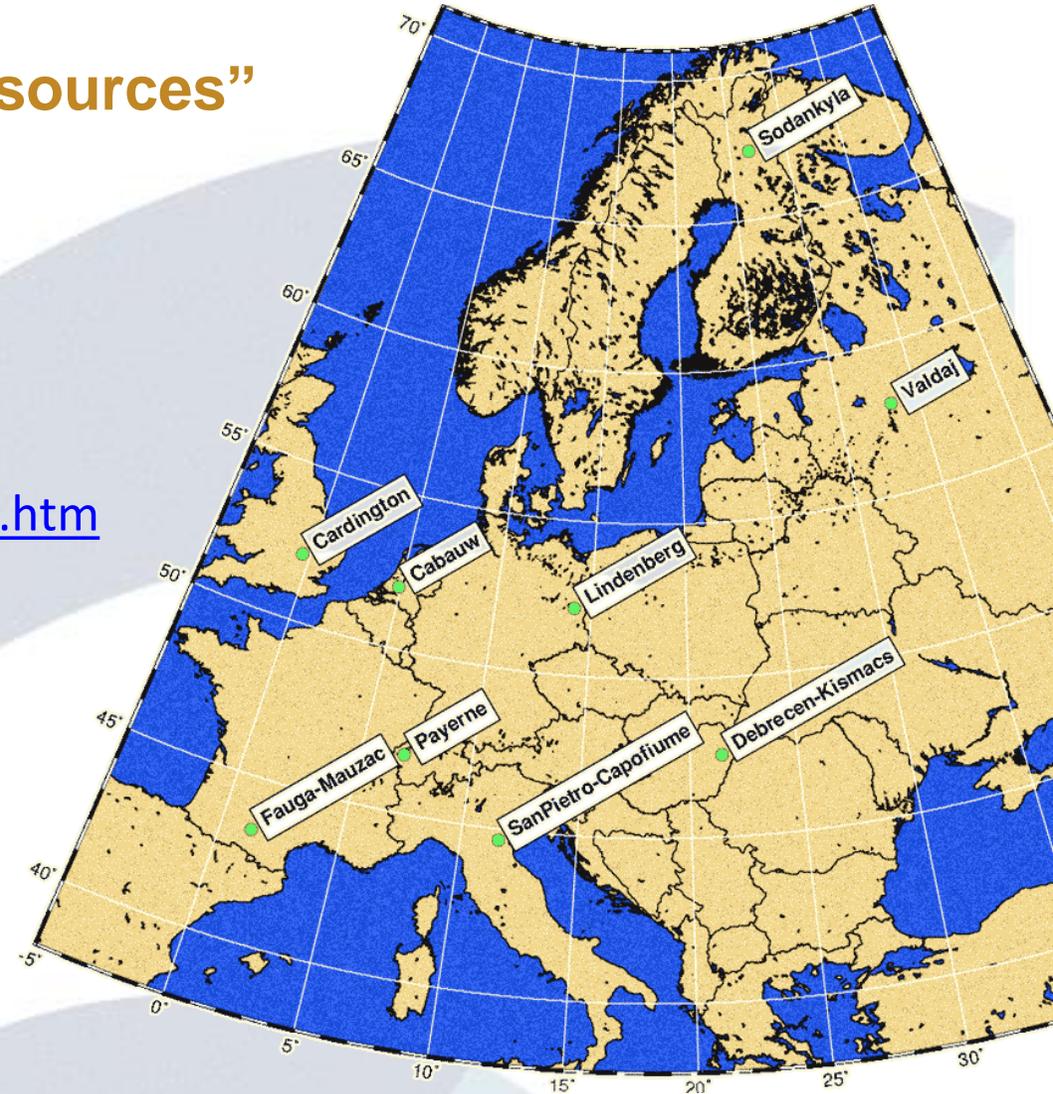
At the bottom of the page, it is noted: programme managed by the **German metService** (since 2024) site designed and hosted by the **Greek metService** (since 2024)

## C-SRNWP\_2: maintaining + developing “ressources”

- EUMETNET funding for ‘infrastructure costs’ in C-SRNWP (8500 € / y)
  - Maintenance + development of **Global Lake Data Base (GLDB)**:  
coordinated by FMI (Ekaterina Kurzeneva), work done in previous years by Georgy Kurzenev (RU),  
not possible any more  
further **maintained** at ECMWF (Margarita Choulga a.o.), and the data are **available**  
at ECMWF for member states, or on request via zip files for C-SRNWP members
  - ML-based development of **decametric (60m) land cover physiography** with **ESA CCI land cover labels**,  
(using ML to combine several existing datasets with different resolution)  
at FMI, with EUMETNET funding (‘infrastructure costs’ of C-SRNWP) from 2024 onwards  
→ an updated dataset itself is produced, and its validation is in progress  
**report & usable dataset planned for end of 2025**

## C-SRNWP\_2: maintaining + developing “ressources”

- SRNWP Data Pool
  - freely available for SRNWP Members and for academic institutes for research purposes
  - <https://www.srnwp.eu/content/observations/default.htm>
    - data available upon registration
  - in-kind contribution from DWD (collecting the data) and HNMS (web-site)
  - very little used (exp. by C-SRWNP members)
    - therefore no resources devoted to add new data any more for several ( $\geq 2$ ) years
    - will eventually die (?)



# C-SRNWP: MeteoGate

- infrastructure developed by EUMETNET to help NMSs share their data (if they want to, focusing on fulfilling EU HVD regulation as one of the priorities)
- NWP products yet to be added

The screenshot shows the MeteoGate website with the following elements:

- Header:** EUMETNET MeteoGate logo on the left, the text "Discover and access European meteorological data and information" in the center, and the European Union flag with "Co-funded by the European Union" on the right.
- Banner:** A dark orange banner with the text "THIS IS A TESTSITE FOR METEOGATE DEVELOPED UNDER THE RODEO PROJECT".
- Navigation:** A dark teal navigation bar with links for "Overview", "Data explorer", "Europe APIs", "API keys", "Support", and "Eumetnet members".
- Main Content:**
  - Featured European Apis:** A dark teal box with the title "Providing data across Europe" and four categories: "Surface observations", "Weather Radar", "Climate", and "Warnings".
  - Map:** A map of Europe showing various data points and color-coded regions.
- Footer:** A dark teal footer with the text "National Met Services from the following 33 countries are EUMETNET Members" above a row of 33 national flags. Below the flags, it says "copyright EUMETNET SNC ©2025" on the left and "Legal information" on the right.

## Related to C-SRNWP: SRNWP-EPS

- development of **tools**:
  - develop ensemble ML tools for High Impact Weather (→ Europ. Wea. Cloud; by ItAF)
  - develop a tool for calibration (AEMET: postponed until person is hired)
- maintenance of the **LAM-EPS ensemble database** in the ECMWF archive (AEMET)
- LAM-EPS Forecasting Guidelines (AEMET: postponed until person is hired)
- **survey** on (status + needs from) high-res. EPS products for high-impact weather forecasting, sent to members (for bench forecasters)
  - develop tools for calibration of LAM EPS for forecasting extremes
- SRNWP-EPS workshop 25 – 27 Nov. 2025, Bologna:  
“Challenges in ensemble forecasting from classical model perturbations to new AI-based approaches”
- **ENWFC** (European NWC & Wea. Fcst. Conf.), Copenhagen, 18 – 21 May 2026
  - <https://eumetcal.eu/en/ui#/page/enwfc-2026>
- 12 → High-resolution SRNWP model development for urban/extreme weather (?)

## Related to C-SRNWP: Short-Term Scientific Missions

- E-WFC Management Team now handles call + selection process (not C-SRNWP any more)
- guidelines introduced (to be reviewed by ENM STAC next week)
  - applicant: young, < 5 years in his position, in E-WFC NHMS or collaborating university
  - content: specific and well-defined piece of work related to E-WFC (NWC, seamless fcst, PP, SRNWP (-EPS)), e.g.: improve **SRNWP (high-resolution** NWP for urban + extreme weather; **DA**), SRNWP-EPS, AI, improve NWC with MTG Lightning data or with ML, PP, user-oriented aspects of forecasting, ...
- selection criteria: fit to above topics, collaborative work between  $\geq 2$  E-WFC NMHS / related academia, benefit for whole E-WFC community
- budget: 3 STSM per year, 2000.- € per STSM (exceeding budget should be covered by applicant's institution)
- duration: at least  $\sim 1 - 4$  weeks
- report: work done, achievements, future plans (template provided)
- **deadline** for proposals (using revised application form): for 2026 by 30 Sept. 2025  
STAC will review & "disseminate the revised document amongst interested parties"  
email address (E-WFC management team) to send proposals to has yet to be created

## CONTACT DETAILS

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**Ad-interim C-SRNWP module manager**

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**thank you for your attention**

