



# ClimEd – Building Capacity for Climate Services in Ukraine

Erasmus+ CBHE project, 2020–2026

<https://climed.network>

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# The need for ClimEd

Needed in 2019 – still highly relevant for the decade ahead

## Ukrainian context

- Growing climate risks and impacts in Ukraine
- Political and economic pressures: short-term priorities over long-term sustainability
- Weak alignment between NMHS and key climate-sensitive sectors
- No established climate services education and training

## Global context (top 4 risks)

Sources:

- WEF Global Risks Report 2019 (adjusted for comparability)
- WEF Global Risks Report 2026



	2019	2026	Foresight →	2 years	10 years
1 <sup>st</sup>	Extreme weather events	Geoeconomic confrontation		Geoeconomic confrontation	Extreme weather events
2 <sup>nd</sup>	Failure of climate-change mitigation and adaptation	State-based armed conflict		Misinformation and disinformation	Biodiversity loss and ecosystem collapse
3 <sup>rd</sup>	Natural disasters	Extreme weather events		Societal polarisation	Critical change to Earth systems
4 <sup>th</sup>	Cyber-attacks	Societal polarisation		Extreme weather events	Misinformation and disinformation

# What ClimEd does

## 1. Understand educational needs

Assess gaps in education, competencies and enabling conditions

## 2. Train staff

Strengthen competencies of project staff in Ukraine (*climate competencies and frameworks; digital tools for teaching and learning; course and MOOC development; sectoral application of climate services; standardisation and peer support*)

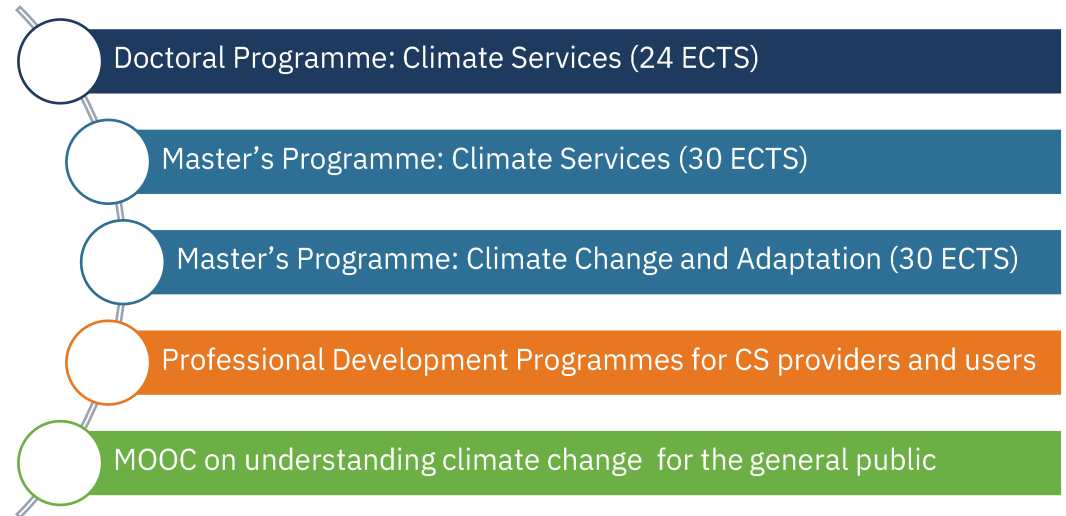
## 3. Develop courses

Design climate services curricula

## 4. Pilot the courses

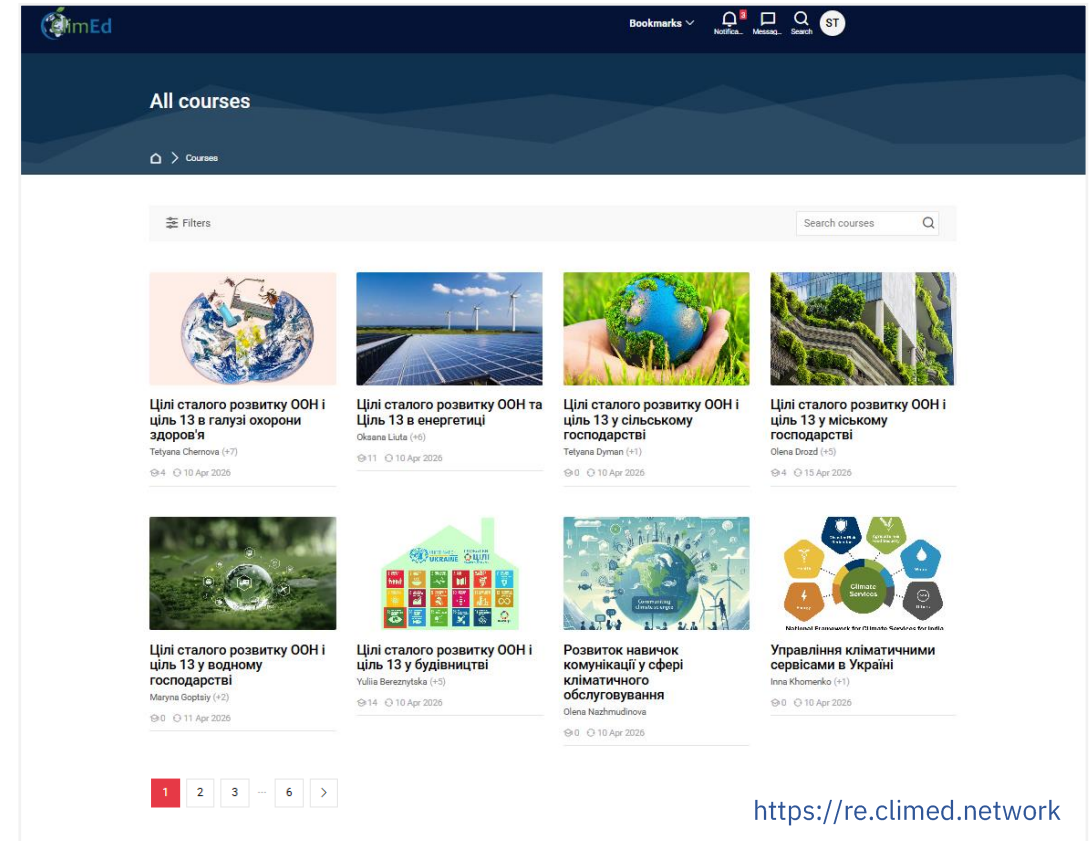
Test and implement in real-world settings

- Needs of climate information providers (48 responses)
  - Needs of climate-sensitive sectors (297 responses)
  - WMO Competency Framework for Climate Services adapted to the Ukrainian context
  - Guidelines for Climate Services Curriculum Development in Ukraine
- 
- 9 training events (3 online, 6 hybrid)



# What has been achieved

- ClimEd Moodle deployed; classroom and IT equipment procured
- **455** staff training participations (*134 onsite*)
- **48** new courses (*7 PhD, 16 MSc, 25 professional development*)
- Piloted in Ukraine (2025–2026):  
16 universities, 26 sectoral stakeholders
- **600+** learners (*360+ students, 240+ professionals*)



# Why it matters

- **Skilled specialists and stronger institutions**

Improved qualifications of NMHS staff and sector-specific climate expertise across key domains (agriculture, construction, healthcare, energy, urban and water management)

- **Sustainable climate education ecosystem**

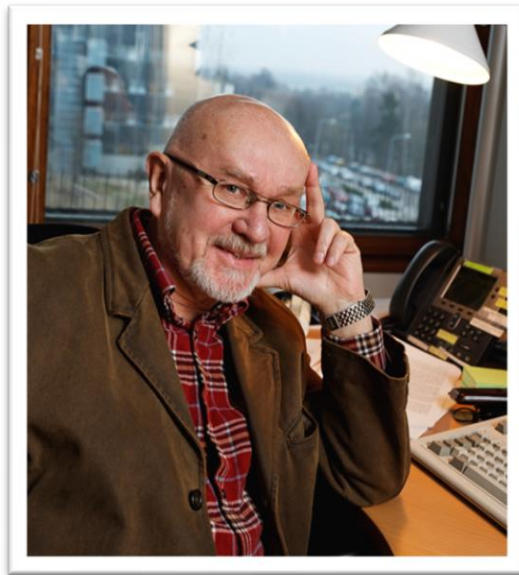
Integration into curricula, continued use of courses, access to blended and e-learning via the ClimEd network

- **Long-term resilience and impact**

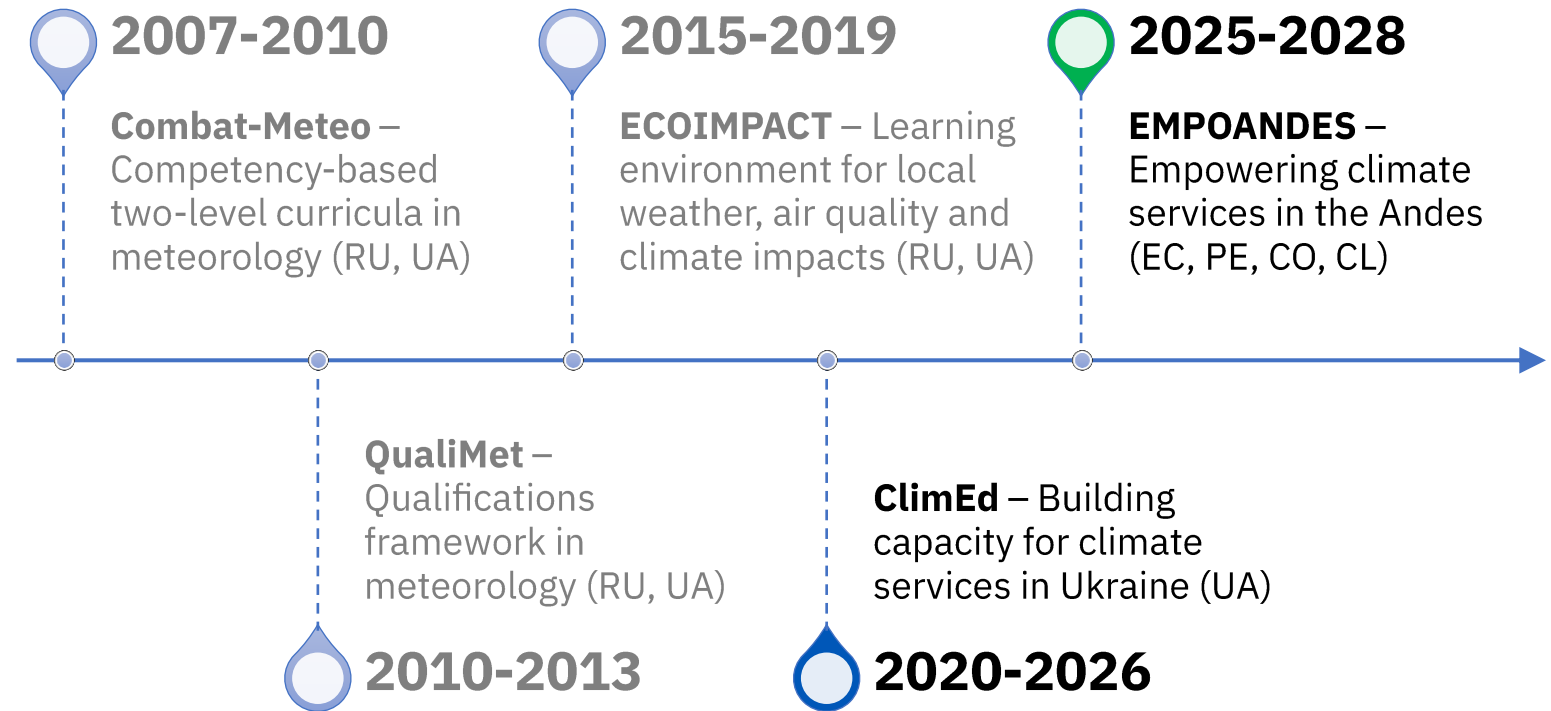
Capacity to develop and use climate services in key sectors, supporting long-term adaptation to climate change

# Closing a chapter, opening new ones

A sequence of four Tempus/Erasmus+ CBHE projects coordinated by Prof. Sergej Zilitinkevich (University of Helsinki), culminating in ClimEd, followed by EMPOANDES



Prof. Sergej Zilitinkevich  
(1936-2021)





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