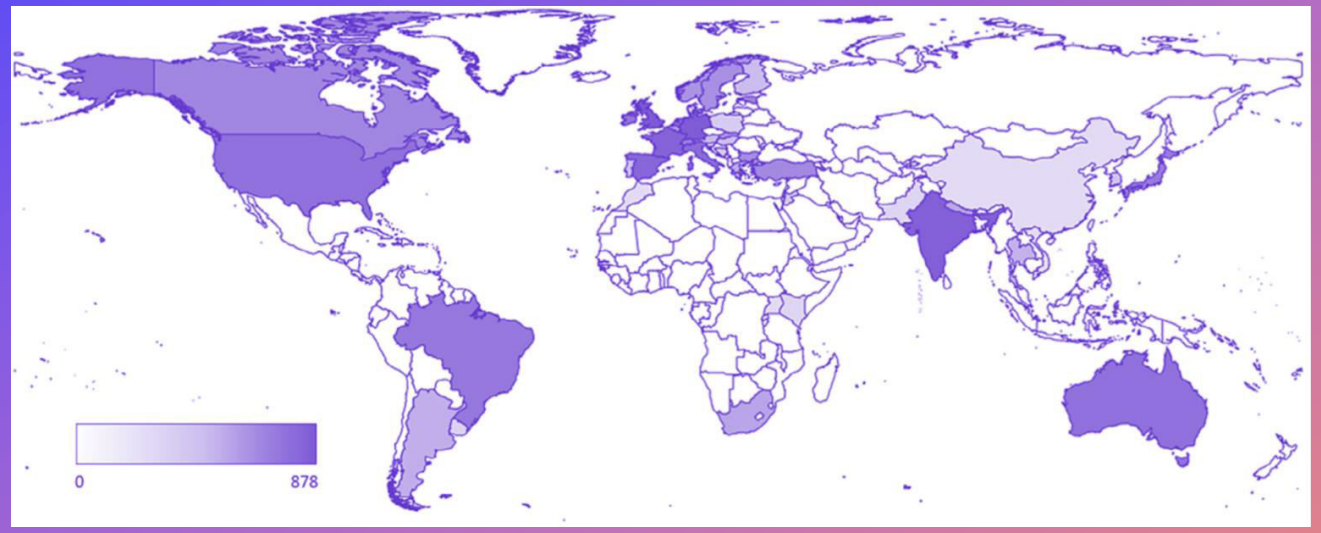
Progress and Perspectives in Hydrological Modelling and Forecasting

Antara Dasgupta and the Joint Virtual Workshop ECMWF-CEMS-C3S-HEPEX-GFP Team

The Joint Virtual Workshop



Map of the average global views of the workshop (darker shading indicates higher views)

Co-organised by the European Centre for Medium-Range Weather Forecasts (ECMWF), the Copernicus Emergency Management (CEMS) and Climate Change (C3S) Services, the Hydrological Ensemble Prediction EXperiment (HEPEX), and the Global Flood Partnership (GFP).

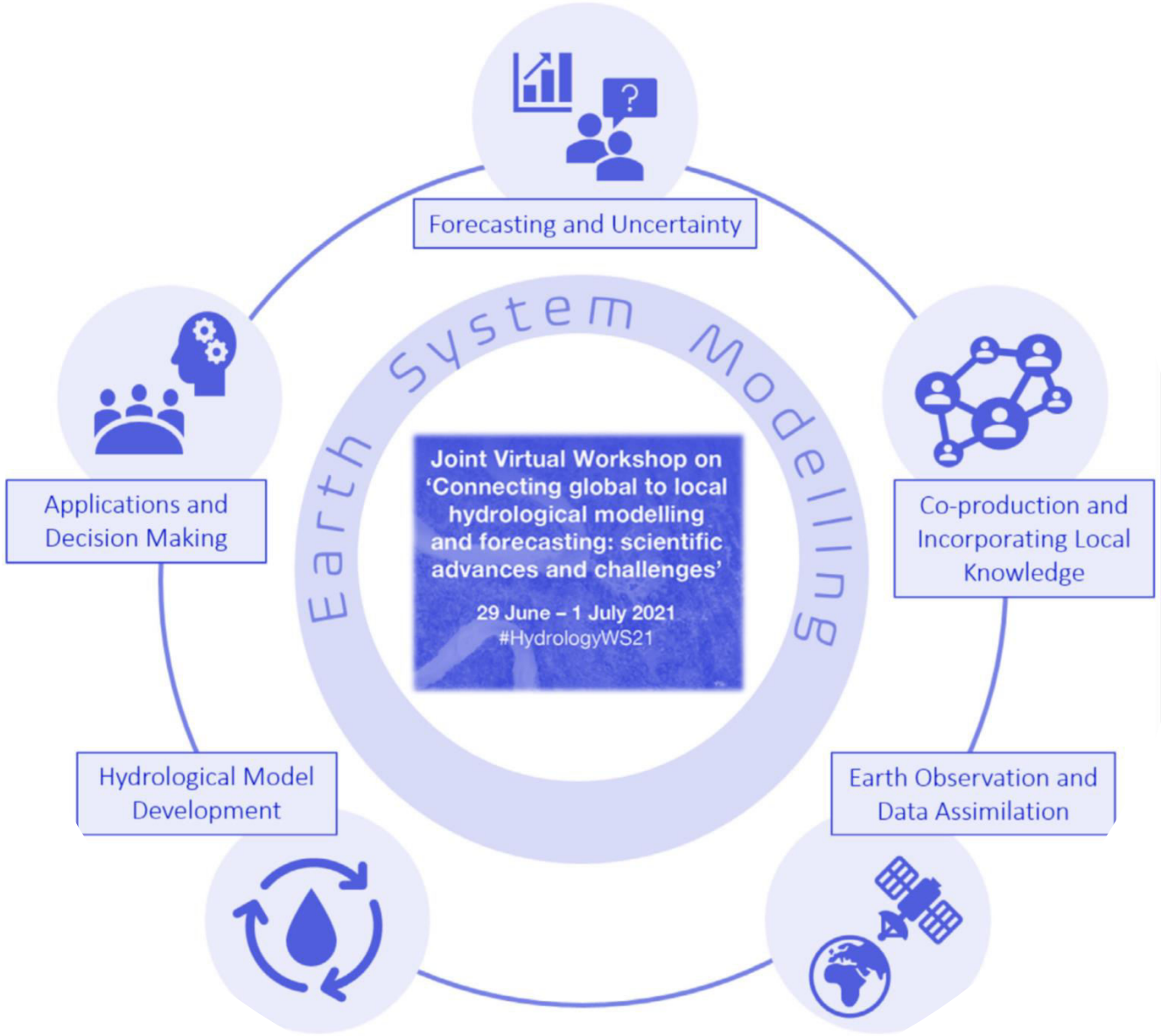
hepex

Emergency Management

Climate Change Service
climate.copernicus.eu

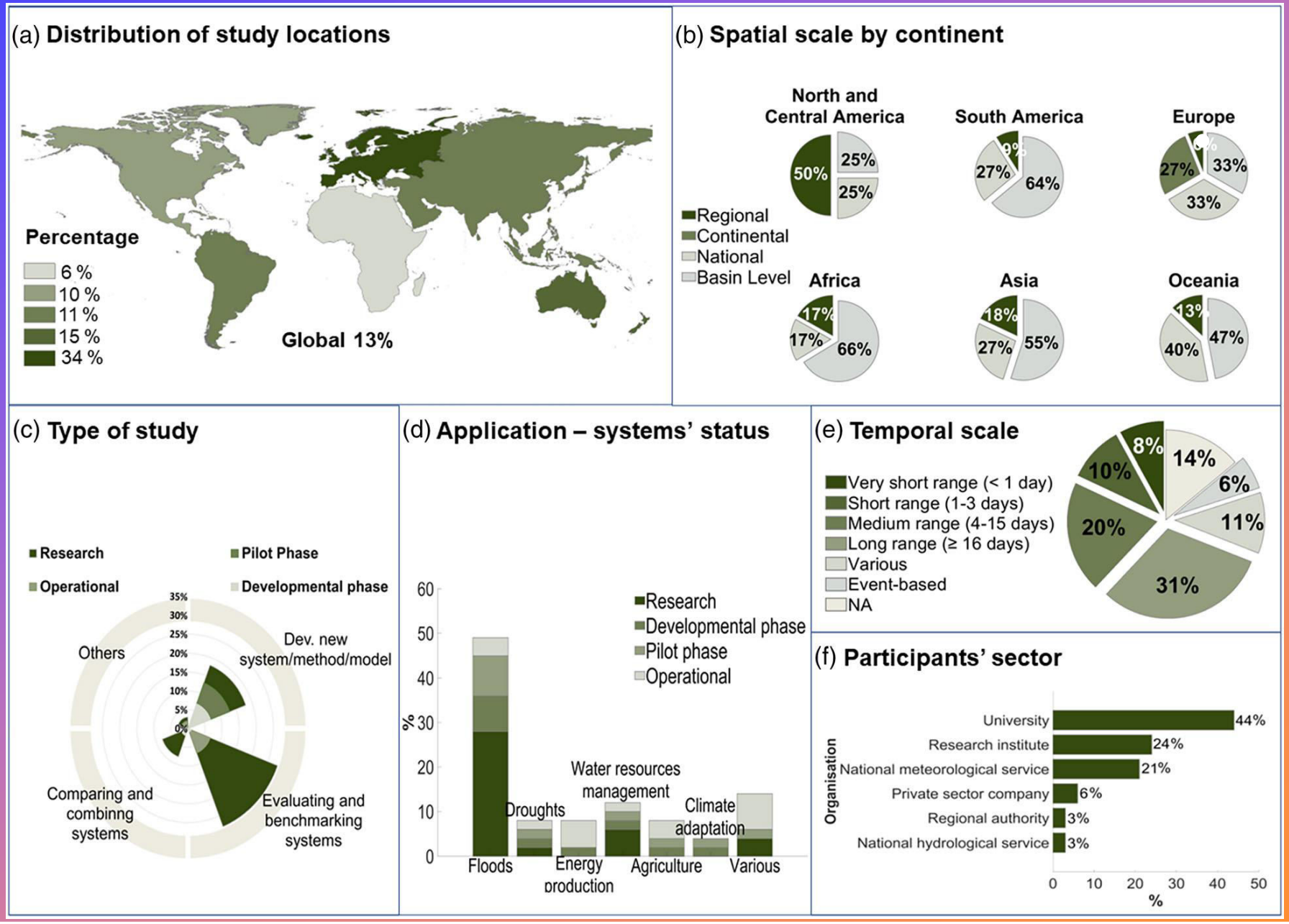
GFP
global flood partnership

Research Themes

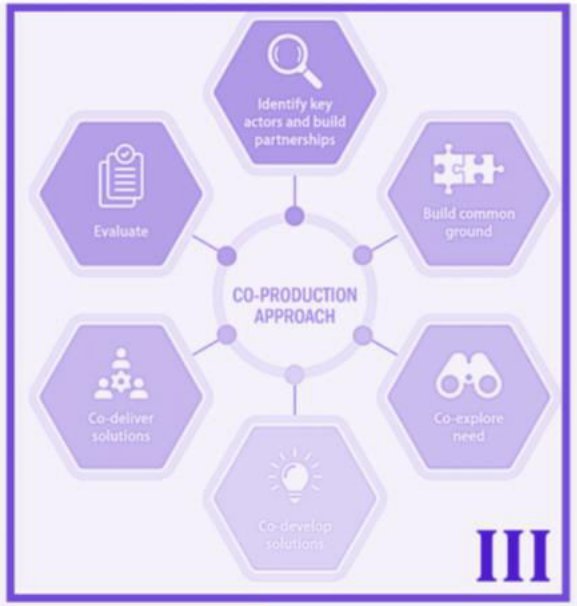


Where is the field of global to local hydrological forecasting moving as a whole?

Statistical analysis of the workshop



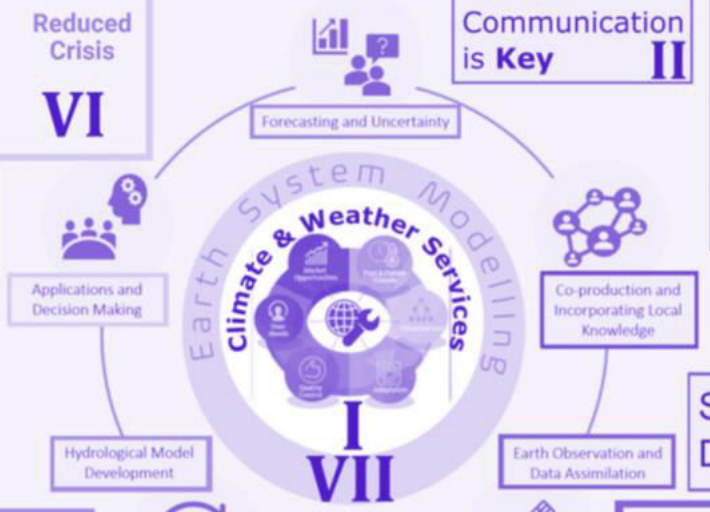
KEY TAKEAWAYS



Forecast Communication is **Key** II

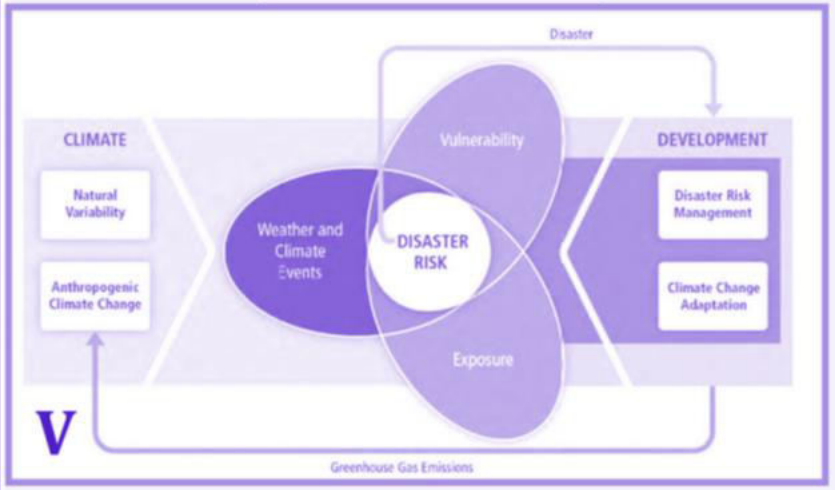
Users as the *First Mile* III

Anticipatory Action & Forecast-based Financing VI



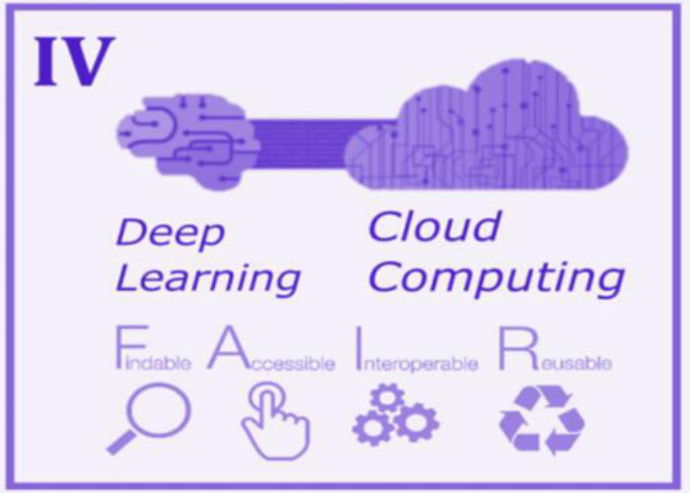
Shareable IV Data & Models

Impact-based Forecasts V



Operationalizing the Science I

Unified Earth VII System Modelling

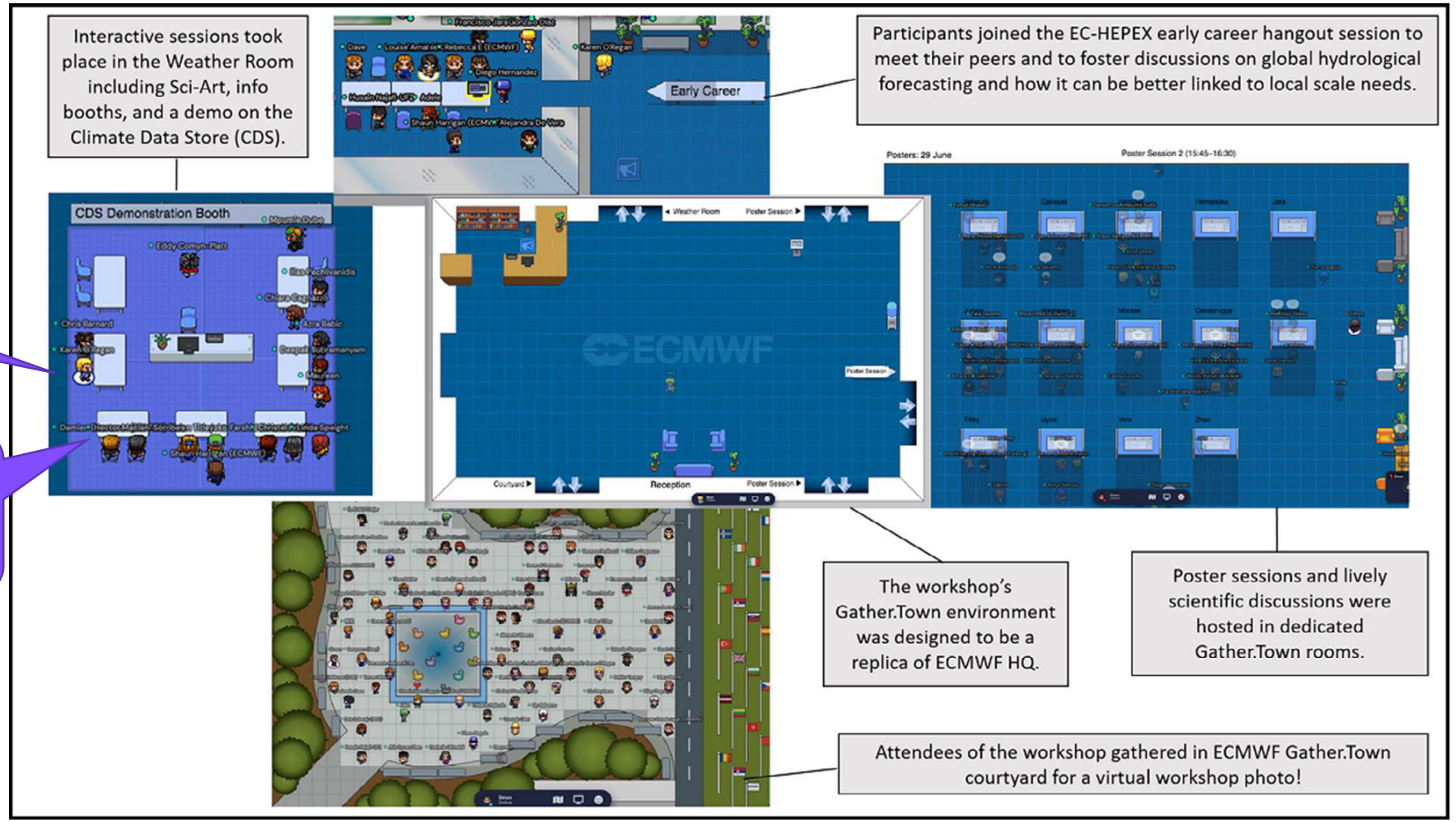


How effective was the digital format in bringing a global audience together and enhancing accessibility?

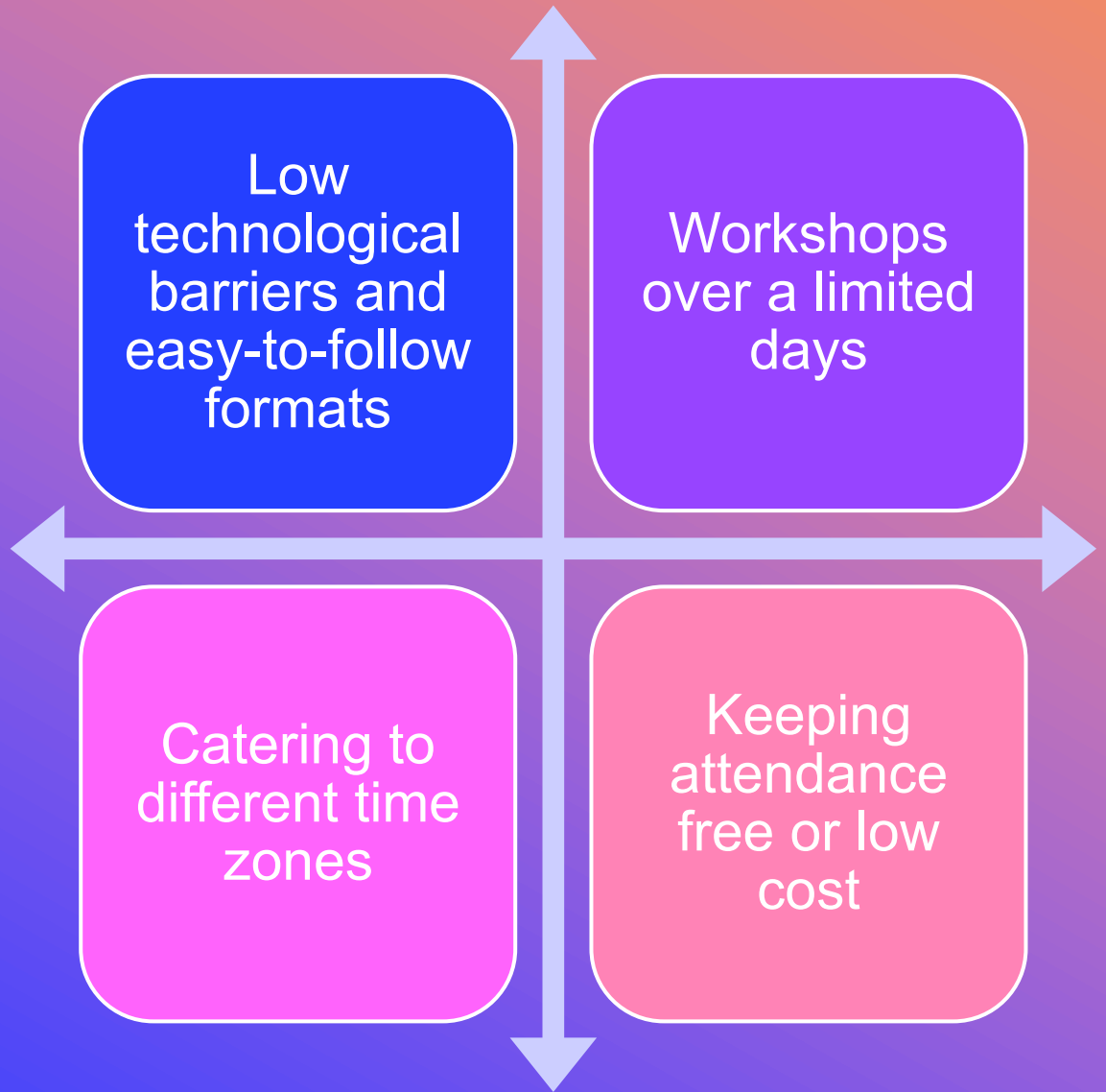
ECMWF's Gather.Town

Excellent!

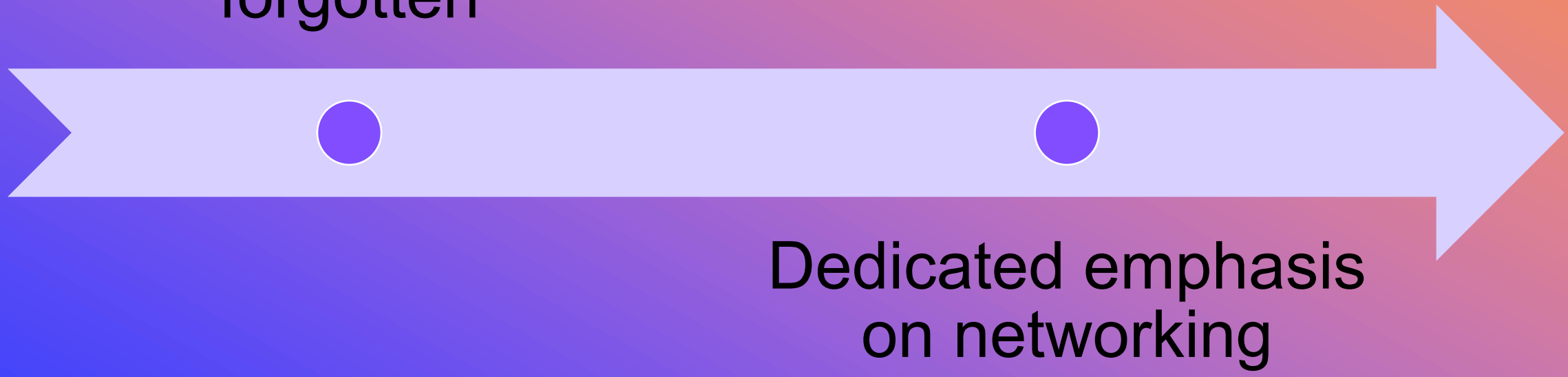
Best online experience ever!



What was good?



The way forward



The Team

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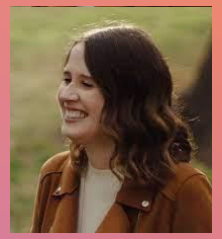
Research Associate, USask



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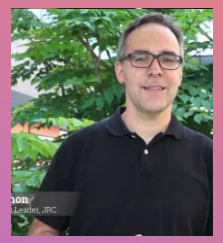

Peter Salamon
Scientific Proj. Lead, JRC

A metaphor for reading our destiny in the night sky constellations, and how far we have advanced as a community in terms of predicting future hydro-meteorological events.

Imagined by Sci-Artist:

Louise Arnal

Hydrological Constellations

HEPEX23

GET IN TOUCH!

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JOIN THE EC-HEPEX SLACK!