



## Project Update #8

Welcome to our eighth [CENTAUR](#) Project Update!

By joining our community, you will stay informed on the latest project progress, news, and events.

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### What Have Our Team Been Up To?

Over the past two years, the CENTAUR team has worked to develop 33 innovative indicators to address key challenges such as urban flooding and food and water security.

These indicators combine datasets, including meteorological conditions, social fragility, resilience, and economic stability to provide essential insights for early warning systems.

To ensure these indicators are accurate and effective, the CENTAUR team is testing them in [seven use cases](#). These include both past crisis events ('cold' cases) and current or unfolding situations ('hot' cases).



# The Hot Phase

We have now entered the 'hot' phase, which focuses on testing the functionality of the tools, models, and platforms using evolving scenarios. This is a key step in refining their accuracy, robustness, and usability, as well as demonstrating their value to our target stakeholders.

Once validated, the indicators will feed into monitoring activities on the CENTAUR platform, enabling continuous assessment for crisis detection and event-driven monitoring which triggers alerts when indicators reach pre-defined thresholds.

[Explore the Use Cases](#)

## Suggested Readings

What is La Niña, will it change Europe's weather, and will a weak signal bring fewer problems?

[Read More](#)

'Multi-year' droughts have become more frequent, drier, and hotter over the past 40 years

[Read More](#)

10 crises to look out for in 2025

[Read More](#)

## Facts & Figures

**3 in 4**  
forcibly displaced  
people live in countries  
with high-to-extreme  
exposure to climate-  
related hazards

**More than 950**  
**million**  
people globally could  
remain at risk of facing  
sever food insecurity by  
2030

**Between 1975 and**  
**2020**  
the global population  
increased by 4 billion  
people

## CENTAUR

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