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CENTAUR: A new suite of emergency and early warning services for enhanced flood and drought management

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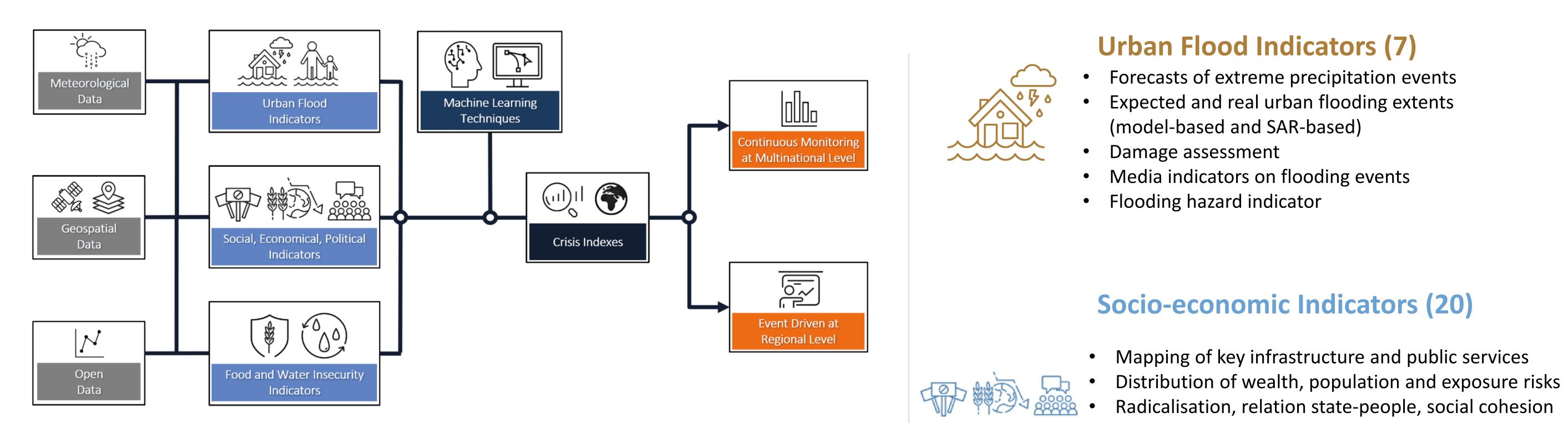
Objectives

CENTAUR's primary goal is to address climate change-related challenges by enriching the Copernicus Emergency Management Service (CEMS) and Copernicus Security Service –

Support to EU External and Security Actions (CSS-SESA) product portfolios. The project seeks to:

- Improve situational awareness and preparedness concerning climate change and its impact on complex emergencies and multi-dimensional security crises.
- Anticipate the occurrence and potential ripple effects of crisis events, contributing to resilience and effective adaptation.
- Provide an early warning system which generates alerts when predefined thresholds for crisis indicators are reached.

Approach



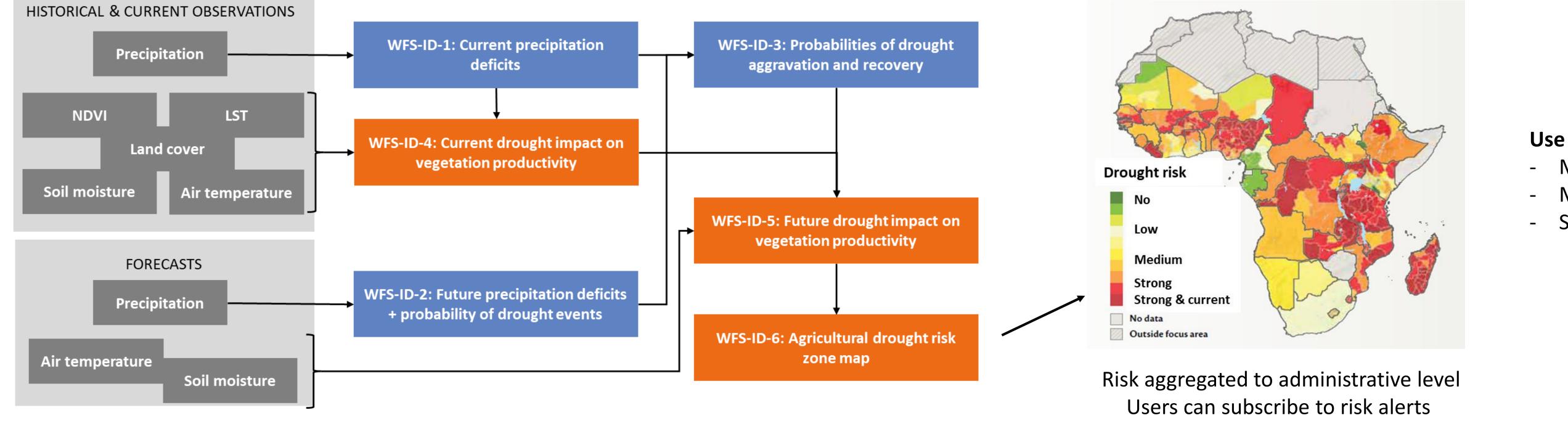
 Violent conflicts, people displacements, humanitarian aid



Project Timeline

Water and Food Insecurity Indicators (6)

Meteorological drought Agricultural drought



Use cases:

- Mali
- Mozambique
- Somalia

		Indicator dev	Indicator development, Service deployment	
	Gap analysis, Indicator definition, Input data harvesting		Use cases (cold and hot cases)	
Dec 2022		c 2023	Dec 2024	Dec 2025





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