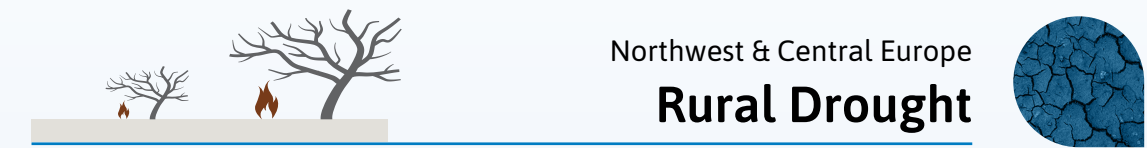


# What can PCP WISE do for you?

## Instruments for enhanced climate resilience



### Northwest & Central Europe Rural Drought

These regions are dealing with;

☁️ rural problems related to extremes in **local climate variations** (intensive rainfall)

🌱 Enduring drought periods having impact on seasonal processes in agriculture/nature and excesses like wildfires and production losses or even failure.

💧 Here as opposed to South of Europe it is in general not structural lack of water availability but more a **distribution problem** of water

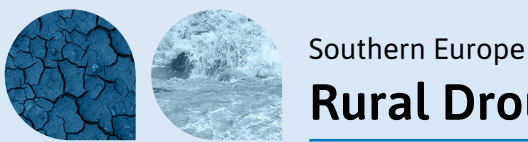


### Northern Europe Rural Drought & Flooding

These regions are dealing with;

📊 rural problems due to extremes in **low and high (or so-called shallow) groundwater** conditions resulting in all kinds of problems for the land use, city council infrastructures, utility sector.

🔥 extreme soil moisture conditions in particularly peat profiles can cause **organic oxidation processes** and even **underground peat fires!**

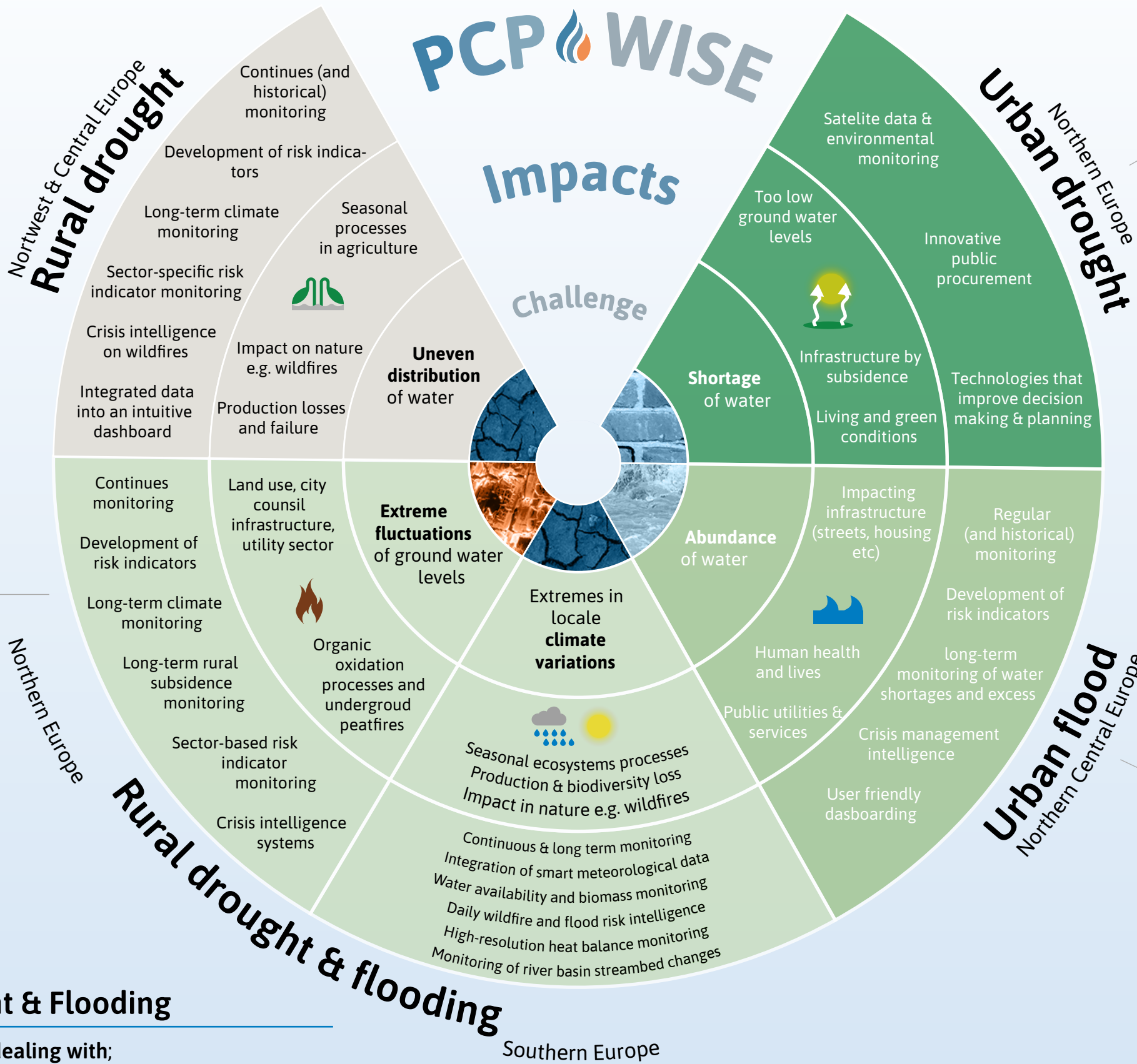


### Southern Europe Rural Drought & Flooding

These regions are dealing with;

☁️ rural problems related to **extremes in local climate variations** (intensive rainfall) and enduring drought periods

🌱 impact on **seasonal processes** in agriculture/nature and excesses like wildfires/production losses or even failure



### Northern Europe Urban Drought

These regions are dealing with;

💧 urban problems in the local city context in terms of **spatial waterdistribution** in the city underground due to all kind of human and external factors.

☀️ **the shortage of water** due to problems of (local) waterstorage, infiltration, evapotranspiration, etc. causing too low groundwater levels, impacting infrastructure by subsidence (streets, housing, critical infrastructure like utility sector, etc) or living and green conditions (heat islands, greenparks, openwater)



### Northern Central Europe Urban Flood

These regions are dealing with;

💧 urban problems in the local city context in terms of **spatial waterdistribution** in the city underground due to all kind of human and external factors.

🌊 **abundance of water** due to problems of (local) waterstorage and infiltration impacting infrastructure and housing. Mostly the context (riverbasin region) of the city has additional (in)direct impact on the basic city water conditions.

