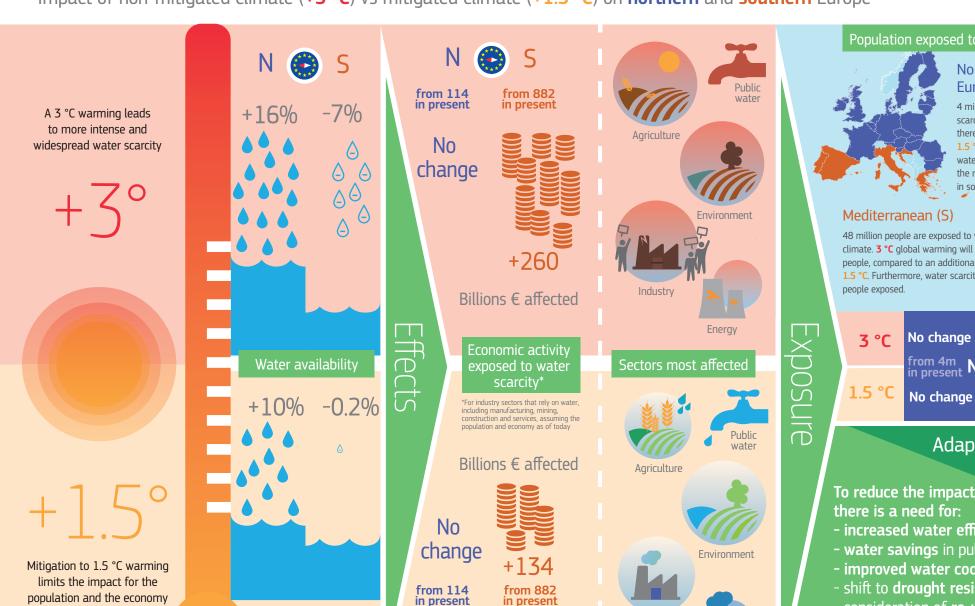
## Increasing water scarcity in a changing climate

Impact of non-mitigated climate (+3 °C) vs mitigated climate (+1.5 °C) on northern and southern Europe



Industry

Energy

Population exposed to water scarcity

## Northern and central Europe (N)

4 million people are exposed to water scarcity in the present climate and there is no change at 3 °C and 1.5 °C global warming, as although water availability increases across the region on average, it decreases in some sub-regions.

48 million people are exposed to water scarcity in the present climate. **3 °C** global warming will expose an additional **13 million** people, compared to an additional 7 million when mitigating to 1.5 °C. Furthermore, water scarcity becomes more intense for all

No change

in present

Adaptation

To reduce the impacts. there is a need for:

- increased water efficiency in irrigation
- water savings in public sector
- improved water cooling techniques
- shift to **drought resistant** crops
- consideration of **re-usage** of treated waste water
- **awareness** raising

