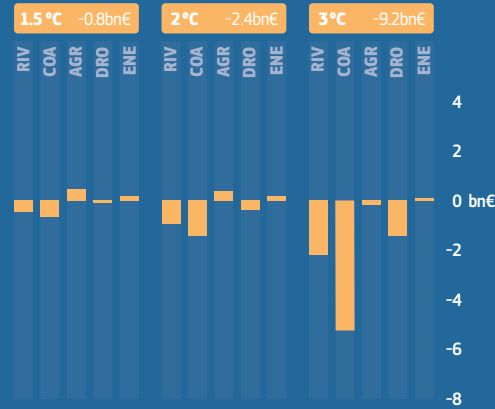


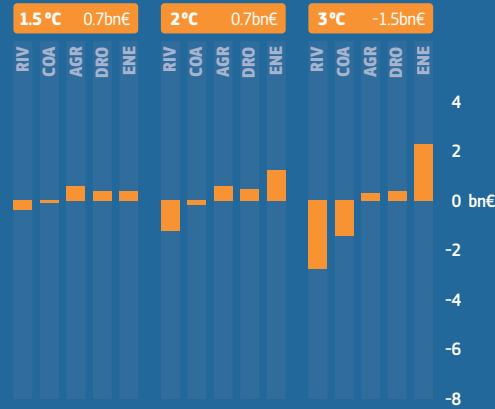
Welfare loss from climate change impacts

JRC PESETA IV conducted an economic analysis of climate change impacts on river and coastal flooding, agriculture, droughts and energy supply. Welfare impacts are estimated as if the future climate affects the economy of nowadays.

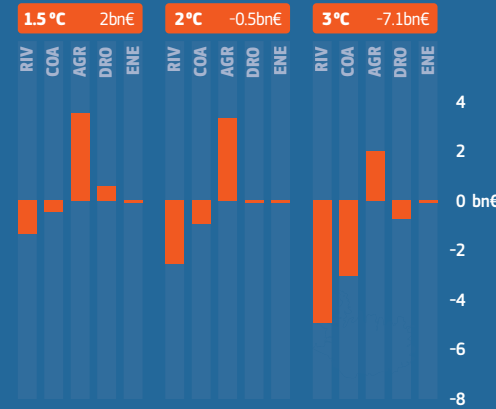
UK & IRELAND



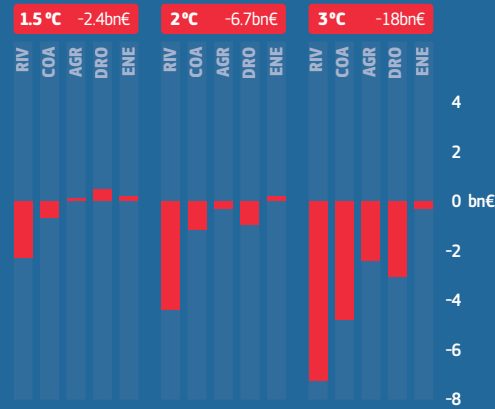
NORTHERN EUROPE



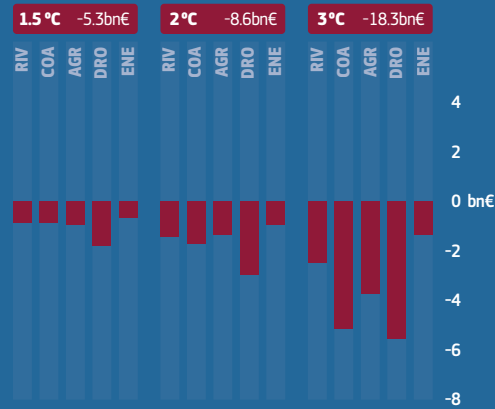
CENTRAL EUROPE (NORTHERN)



CENTRAL EUROPE (SOUTHERN)

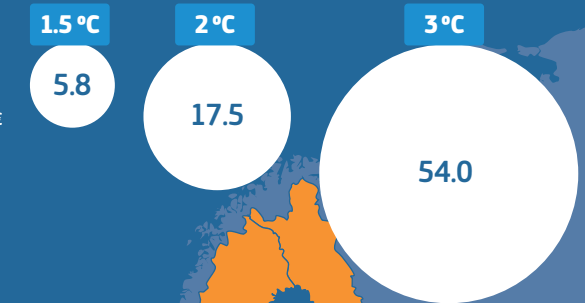


SOUTHERN EUROPE



Welfare losses in EU & UK (bn€)

If human mortality impacts were included, the estimated welfare losses in EU & UK would become much larger for all scenarios (an increase to 41.9bn€ at 1.5 °C, 82.6bn€ at 2 °C and 175.9bn€ at 3 °C)

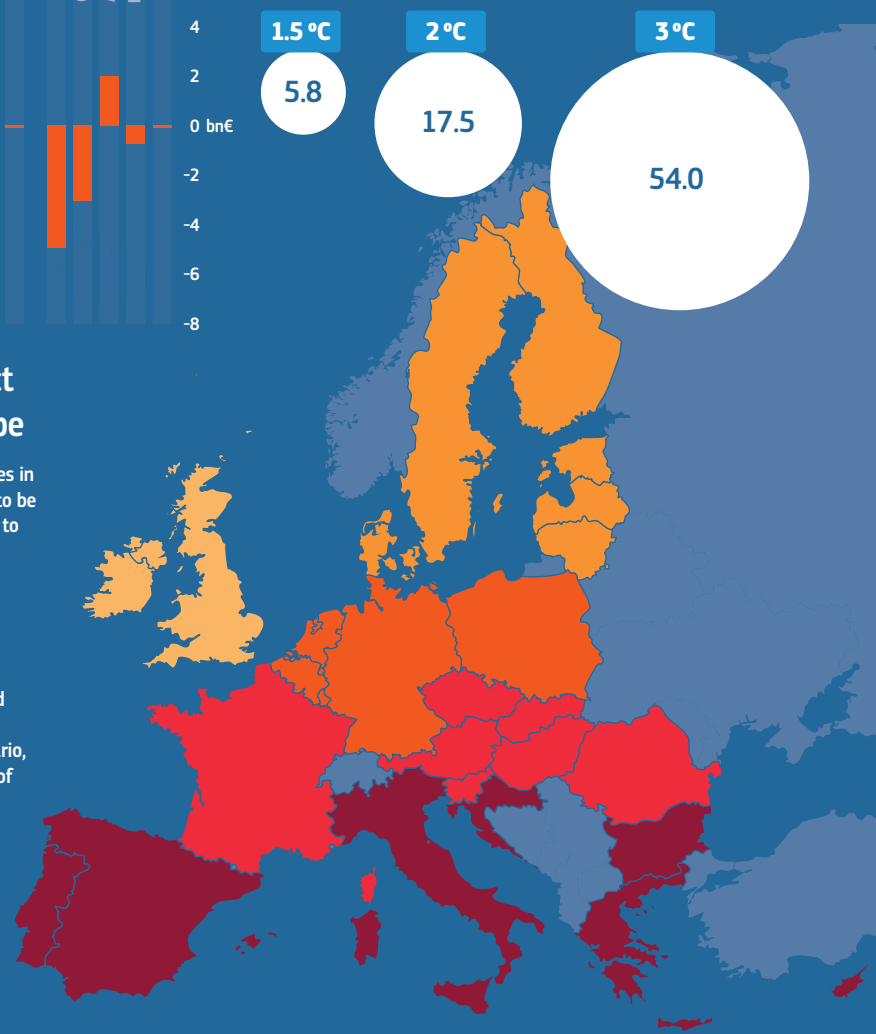


Far greater impact on southern Europe

The magnitude of welfare losses in southern regions is estimated to be several times larger compared to northern regions.

Mitigation makes a difference

Limiting warming to 2 °C would reduce the welfare losses by 70% compared to a 3 °C scenario, while achieving the Paris goal of 1.5 °C would lower the welfare losses by 90%



The assessment does not evaluate the full economic impacts of climate change in Europe as not all possible climate impacts were analysed.