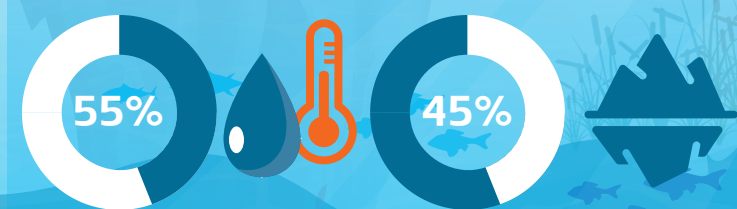
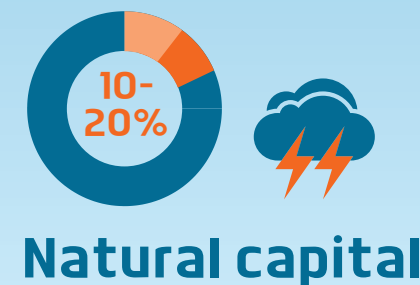
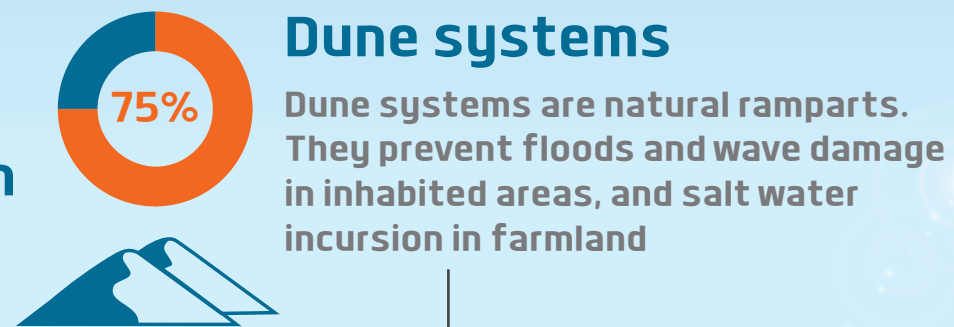


# Coastal wetlands: nature-based solutions to sea level rise



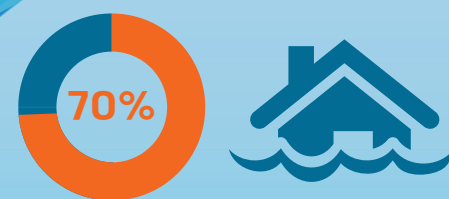
The climate crisis is increasing the rate of sea level rise in the Mediterranean, and higher water levels and stronger storm surges could affect a third of the region's population by 2100. Healthy coastal wetlands have a vital role to play in future, providing natural protection for cities and farmland threatened by flooding, erosion and salt water incursion.



## What causes sea level rise?

Thermal expansion of warming water: 55%

Melting ice from glaciers in Greenland and Antarctica: 45%



## Flooded lands

Large deltas - e.g. France's Camargue, where 70% is <1m in altitude - may be partially underwater within decades if sea levels keep rising

## The rising Mediterranean



**160 million**  
**Population**

Approx. 1/3 Mediterranean population is concentrated in coastal regions



**Sea level rise**  
1-2 metres: possible rise projected by 2100

Data source: Mediterranean Wetlands Outlook 2, Mediterranean Wetlands Observatory, Plan Bleu, EEA, University of Perpignan, European Space Agency