**Climate change threatens Europe’s coasts**

**NO-ACTION SCENARIO**

- Global warming is driving sea-level rise and intensifies coastal storms, resulting in more frequent flooding. If no action is taken, coastal flood impacts will be severe.

**Year 2100**

- **High Emissions**
  - Sea level: +85 cm (47 cm – 198 cm)
  - People exposed: 2.2 million
  - Economic losses: 239 billion €

**Mitigation and Adaptation Scenario**

- Mitigation means limiting sea level rise by reducing emissions. Adaptation includes all measures to protect coastal communities through nature-based and engineered physical measures.

**Year 2100**

- **With Mitigation**
  - Sea level: +51 cm (21 cm – 84 cm)
  - People exposed: 552 thousand
  - Economic losses: 12 billion €

**NOW**

- 170-fold increase in economic losses
- 22-fold increase in exposed population

**For more information, including assumptions of the modelling framework used, see: JRC PESETA IV project https://ec.europa.eu/jrc/en/peseta-iv**

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*CO₂eq is a metric measure used to compare the emissions from various greenhouse gases on the basis of their global-warming potential, by converting amounts of other gases to the equivalent amount of carbon dioxide with the same global warming potential (definition from Eurostat).