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## The Knowledge Hub on Sea Level Rise and the science-based European Seas assessment reporting

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Nine European countries under the umbrella of the Joint Programming Initiatives on Climate (JPI Climate) and on Oceans (JPI Oceans) have set up a joint Knowledge Hub on Sea Level Rise. The ambition is to provide easy access to usable knowledge on regional-local sea level change in Europe, regularly updated as a series of periodic assessments. It will complement existing global and national assessments by providing additional geographical and contextual detail, tailored to regional, national and European policy development and implementation.

As its key product, it will deliver by the end of 2023 its first European Assessment Report on Sea level rise hazards and impacts, co-designed with European Sea stakeholders. The co-design framework is based on consultation workshops, questionnaires and a final Conference in Venice that enabled to discuss at large the regional and local end-user needs.

Based on the latest available science provided by the IPCC AR6 WGI and II reports and using the most advanced knowledge on sea level rise from European services and research done at the national level, the Assessment report will allow to downscale to the European Seas the SLR impacts and devise adaptation strategies. We will present the user needs that were revealed by the stakeholder consultations and plan to provide a peek into the content of the first draft of this first Assessment Report.