

Innovative Floating offshore wind energy WP2: Socio-economic evaluation of floating substructures



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WP2 Introduction

LIFES 50+ project focuses on offshore wind energy and in particular on innovative floating substructure concepts for offshore wind turbines in water depths greater than 50 meters. The concepts will be designed to support wind turbines in the scale of 10 MW. In order to evaluate the four designed concepts integrated in wind farm scheme from a holistic perspective, a specific work package (WP2) for technical, economic,

environmental and risk assessment has been dedicated, led by IREC. The objective of this abstract is to present briefly the procedures and standardized tools that will be developed for the concepts evaluation and identify challenges for the project targets achievement.



Objectives

- The aim of WP2 is the **technical** and **economic evaluation** of the floating subtructure designs developed during the project.
- The quantification of risk and uncertainties will also be considered.



Methodology





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