

Update to the NPDS 2050 for the Kingdom of Bahrain—Coastal and Marine Expertise								
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
Sustainable Seas Ltd	Bahrain	€ 27,000	100%	1	AECOM (For SOM)	Government of Bahrain	Feb 2024 to July 2024	N/A
Detailed description of project					Type of services provided			
<p>The overall Goal of the project is to update the National Planning and Development Strategies and Detailed National Land Use Plan to the target year 2055 and prepare or update the necessary tools for its implementation and effective enforcement and ensure sustainable development in line with the broader national goals as articulated in Bahrain Vision 2030.</p> <p>Sustainable Seas Ltd were sub-consultants to AECOM, the engineering design consultancy, to offer technical inputs to update the National Physical Development Strategy (NPDS) for Bahrain (2050) to help shape Bahrain’s plans for sustainable economic growth following its appointment by UPDA with its implementation (with specific reference to marine and coastal works).</p> <p>The work, which will be carried out in four stages over 13 months, aims to provide better co-ordination for future development in Bahrain. The project includes updating earlier studies looking at demographic and economic trends, as well as the creation of a national land use plan which will be the basis for assessing the Kingdom’s transport and infrastructure requirements in line with Bahrain’s Economic Vision 2030.</p> <p>The Consultancy Services for this Project were phased and shall commence with Stage 1 first as an isolated effort due to the complexity of the project and the determination of the appropriate scope of work that would provide the best value for the Kingdom of Bahrain. Reviewing all the available NPDS documents, existing and proposed developments throughout the Kingdom, and other relevant data is necessary to audit the success of the NPDS 2030.</p>					<p>Specific activities undertaken are as follows:</p> <ul style="list-style-type: none"> • Current and projected climate conditions, including seasonal and diurnal temperatures; wind, precipitation, and storms. • Natural biodiversity, both terrestrial and marine • Soil conditions, particularly regarding agricultural potential • Environmental conditions, including air, water (terrestrial and marine), soil. • Acknowledge and incorporate key aspects and outcomes of the pending National Scale hydrodynamic study to assess the vulnerability of coastal areas due to climate change, sea level rise, and flood risk for each coastal zone. • A general or high-level review of the marine navigation, existing and proposed waterways, bridges, and strategic marine transportation locations • Review Vol 8 of the NPDS I “Coastal Modelling Study” 			