



GOVERNMENT
OF MALTA



FONDI.eu

Interconnect Malta

“To Strengthen Malta’s Energy Interconnectivity, Whilst Contributing in the Transition to a Carbon Neutral Economy and Ensuring a Safe and Reliable Energy Supply”

MCESD

20th September 2024



Co-funded by
the European Union

INTERCONNECT
MALTA

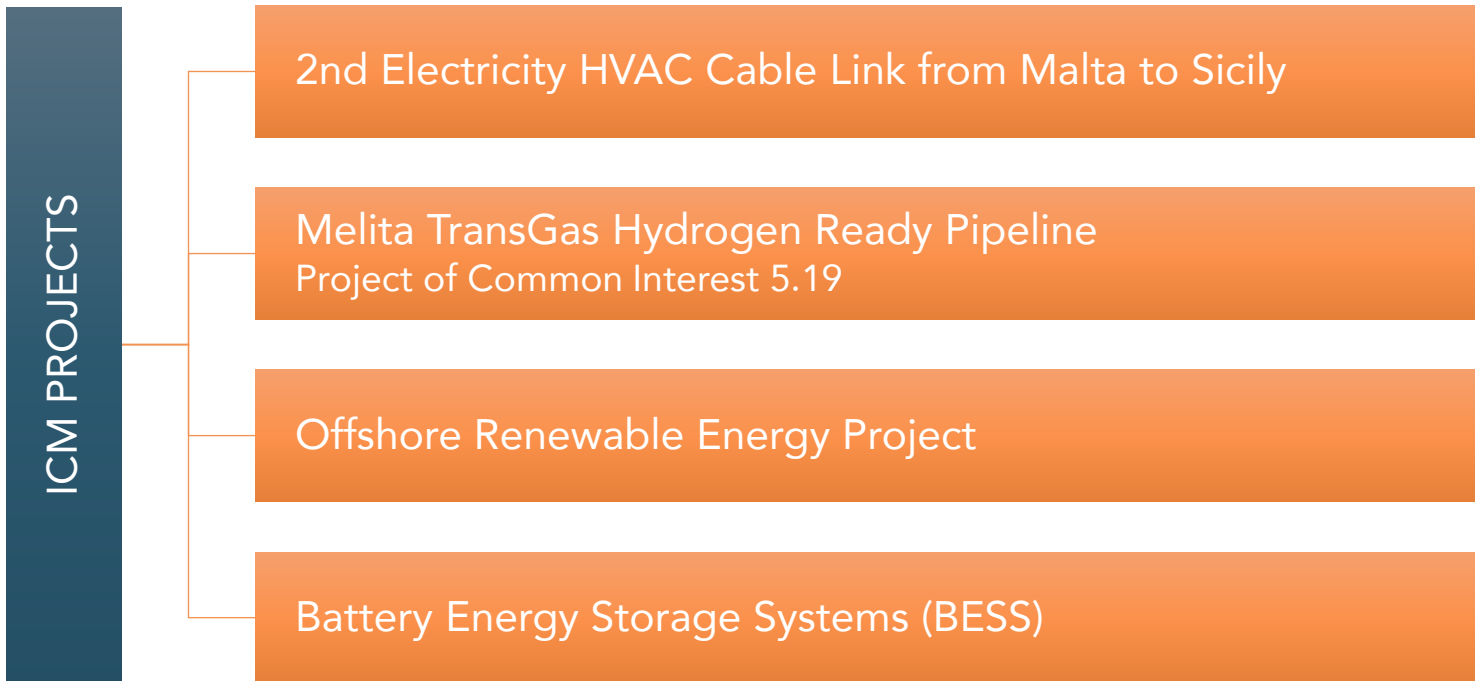
INTERCONNECT MALTA LTD (ICM)

- 100% government owned company that falls under the responsibility of the Ministry for the Environment, Energy and Regeneration of the Grand Harbour (MEER).
- Originally established as Melita TransGas Co Ltd in 2018 and changed its name to Interconnect Malta Ltd in 2021.

The logo for Interconnect Malta is displayed within a dark blue rectangular box. The word "INTERCONNECT" is written in a bold, sans-serif font, with "INTER" in orange and "CONNECT" in white. Below it, the word "MALTA" is written in a smaller, white, sans-serif font.

INTERCONNECT
MALTA

INTERCONNECT MALTA LTD (ICM)





GOVERNMENT
OF MALTA



Co-funded by
the European Union



FONDI.eu

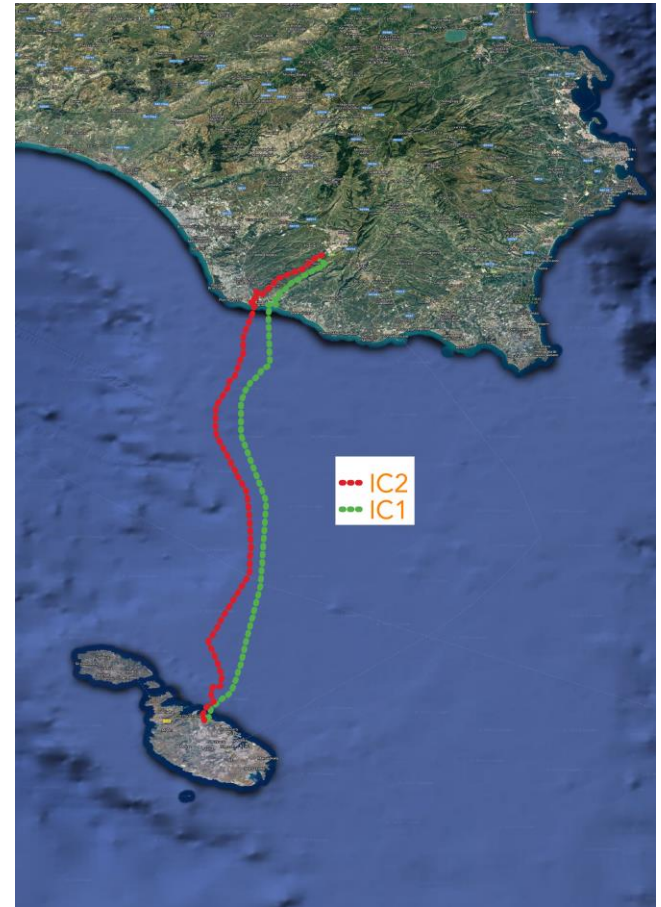
**SECOND ELECTRICAL MALTA TO SICILY
CABLE LINK:
IC2**

INTERCONNECT
MALTA

IC2 – BACKGROUND

The project consists of a new electrical cable interconnection through a submarine cable between Malta (Maghtab) and Sicily (Ragusa)

- It shall be laid in parallel but at a safe distance to the existing HVAC cable link which was commissioned in 2015.
- This cable is planned to come into operation in 2026.



MAIN TECHNICAL PARAMETERS

TYPE	APPROX. ROUTE LENGTH	CAPACITY	NOMINAL VOLTAGE
50 Hz – HVAC cable	122 km	225 MW	220 kV

IC2 – BENEFITS

- Cater for RES intermittency thus enabling **RES growth**
- **Increase Electricity Capacity** by 225MW
- Contribute to the **decarbonisation objectives**
- Achieve **better optimisation** of local power generation
- Projected total CO2 savings of **13.5 million tonnes of CO2** over 25 years.

IC2 – CBA RESULTS

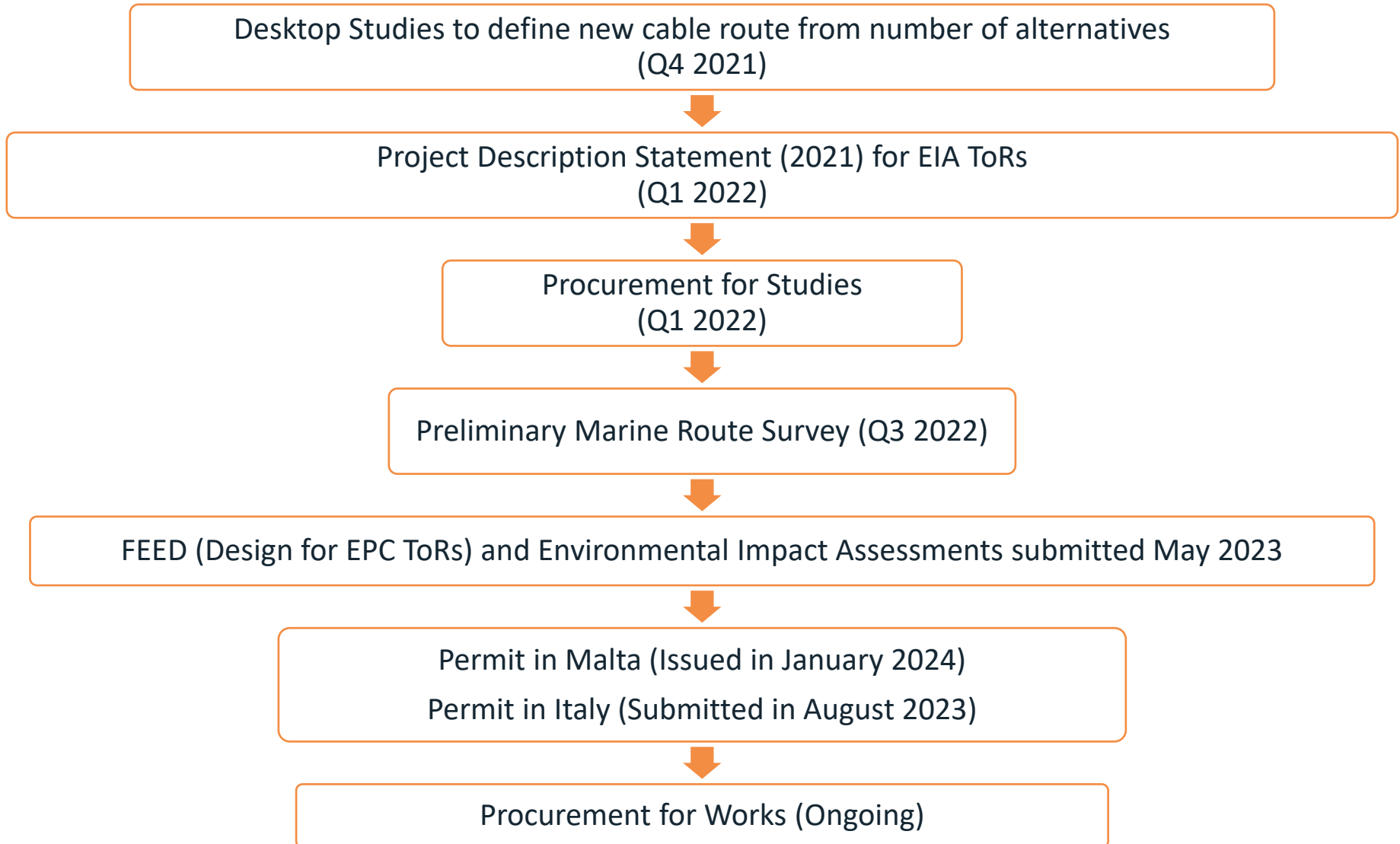
- As per the Project's CBA, the project will result in:
 - increased economic activity
 - enhanced energy security
- Expected to generate incremental net economic benefits of €712 million to the Maltese economy over a 25-year operational period.



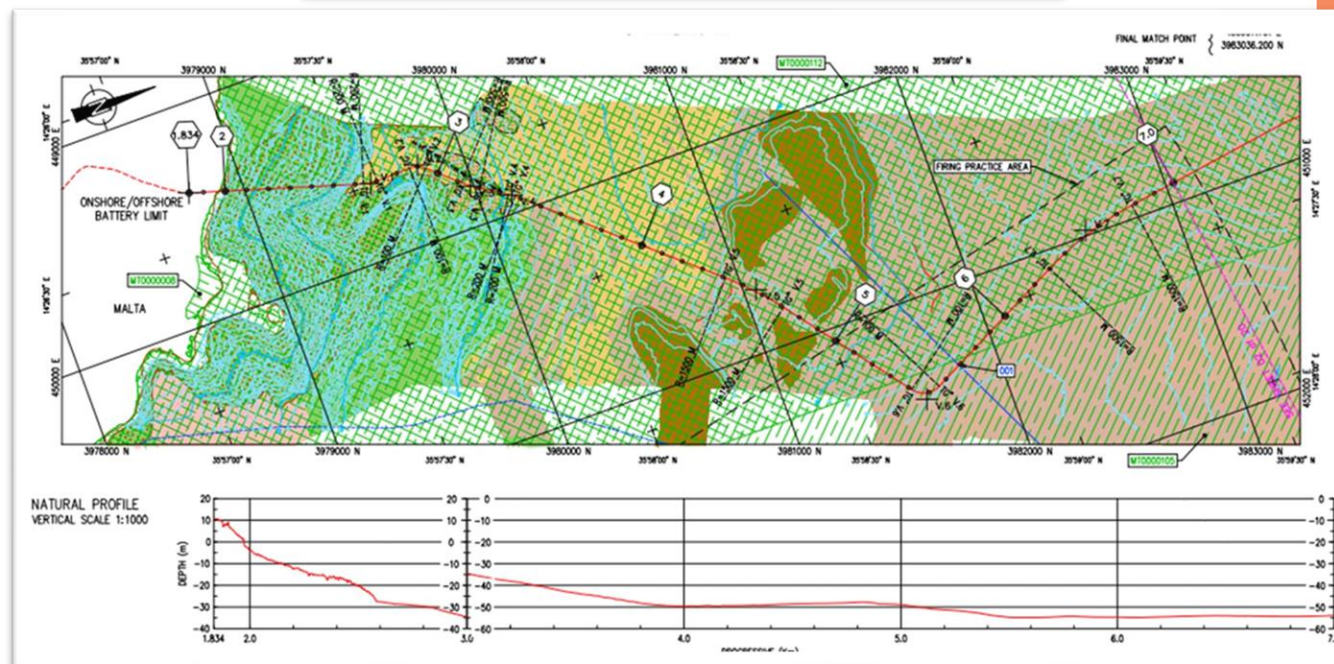
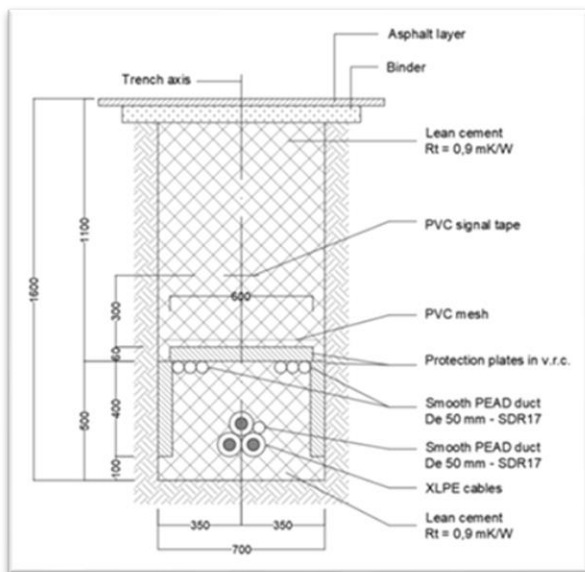
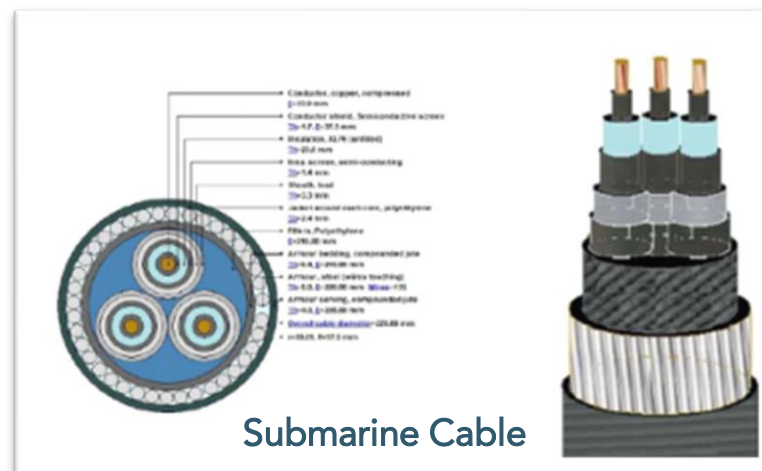
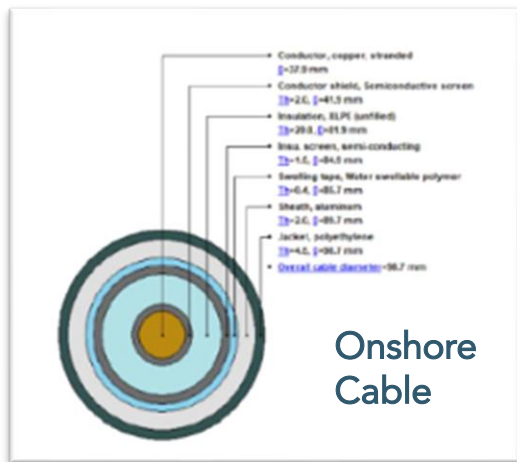
IC2 – FUNDING

- Project is an **'Operation of Strategic Importance'** due to its significant contribution to the achievement of national priorities for the 2021-2027 Programme
- The **ERDF funding** allocated to this project amounts to **€165 million**
- Estimated Capex: **circa. €300 million**
- Project has been declared **climate-proofed**
- A **Do No Significant Harm (DNSH)** assessment was also carried out
- The **State Aid Notification Process** was formally launched
- The Project is included in the ENTSOe TYNDP 2024 , NECP update and LCDS

IC2 – COMPLETED ACTIVITIES



IC2 – STUDIES OUTCOME



IC2 – PROCUREMENT

ID	Description	Submission Period	Status
ICM/TD 107/23	Excavation and construction of a walkthrough culvert within the Maghtab terminal station	February 2024 Closed June 2024	Polidano Brothers Contract Value €174K
CT3004/ 2024	Design, supply and inst. Of 245kV 1x250MVA Auto-Transformer, 1x120MVAR and 1x240MVAR variable shunt reactors	March 2024 Closed June 2024	AG Installations Contract Value €20.3M
ICM/TD 46/24	Services of Project Supervisor during design stage and construction stage and related health and safety services located in Malta for Interconnect Malta Projects	May 2024 Closed June 2024	MTK Trading LTD Contract Value €26.3K
CT3003/ 2024	Manufacture and Installation of the Onshore 245kV and 145kV Cables, FO cable and accessories	February 2024 Closed June 2024	Undergoing Evaluation
CT3008/ 2024	Manufacture and Installation of Submarine 245kV cable with embedded FO Cable Units	June 2024 Closing October 2024	Open for Submissions (Est. Value €185M)
CT3017/ 2024	Tender for the Supply and Installation of 220kV Switchgear, Fire Suppression system, constructing Fire Walls and Upgrade Control System for the 2 nd Malta-Italy Electrical Interconnector	August 2024 Closing October 2024	Open for Submissions (Est. Value €12M)
TBD	Services of an Owner’s Engineer to oversee the offshore works	Estimated October 2024	Tender Drafting

IC2 – NEXT PROJECT MILESTONES

- ✓ Issuance of Italian Single Authorisation Permit
- ✓ Award of all EPC tenders
- ✓ Start of Detailed Design & Procurement by EPC Contractors
- ✓ Start of Construction works
- ✓ Commissioning & Start of Operations in 2026





GOVERNMENT
OF MALTA



Co-funded by
the European Union



FONDI.eu

OFFSHORE RENEWABLE ENERGY PROJECT

INTERCONNECT
MALTA

OFFSHORE RES

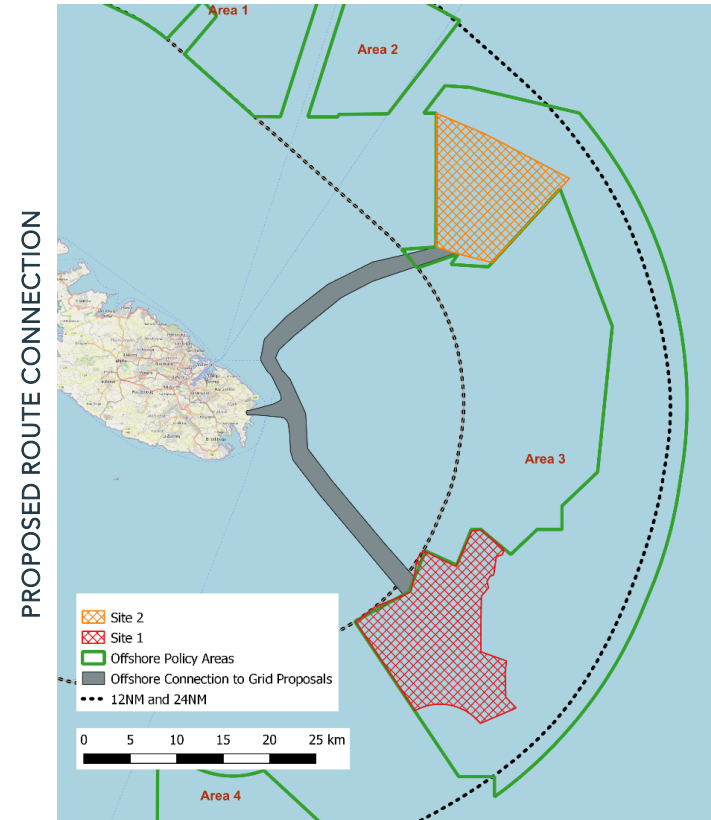
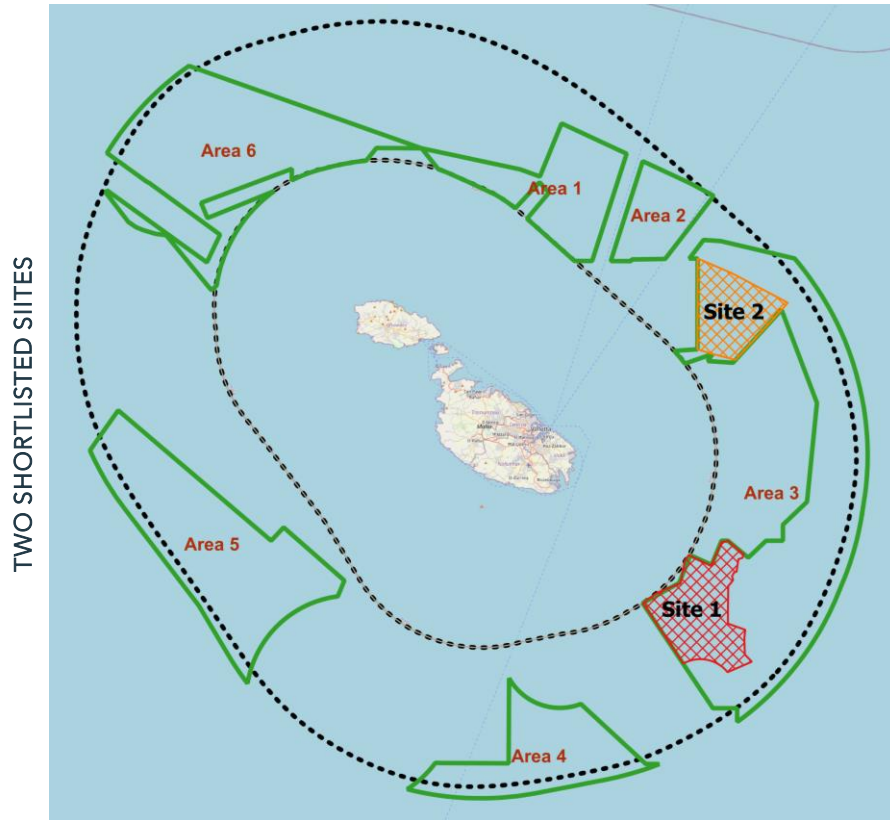
- As part of Malta's forward outlook and ambition in increasing the share of renewable energy, the Maltese Government is focusing on the **development of its offshore (floating) renewable potential**.
- Following the Cabinet decision in April 2023, ICM was assigned the role to act as a **Project Implementor** to plan, prepare, issue, recommend for **award a concession** for Offshore Renewables.



BACKGROUND INFORMATION

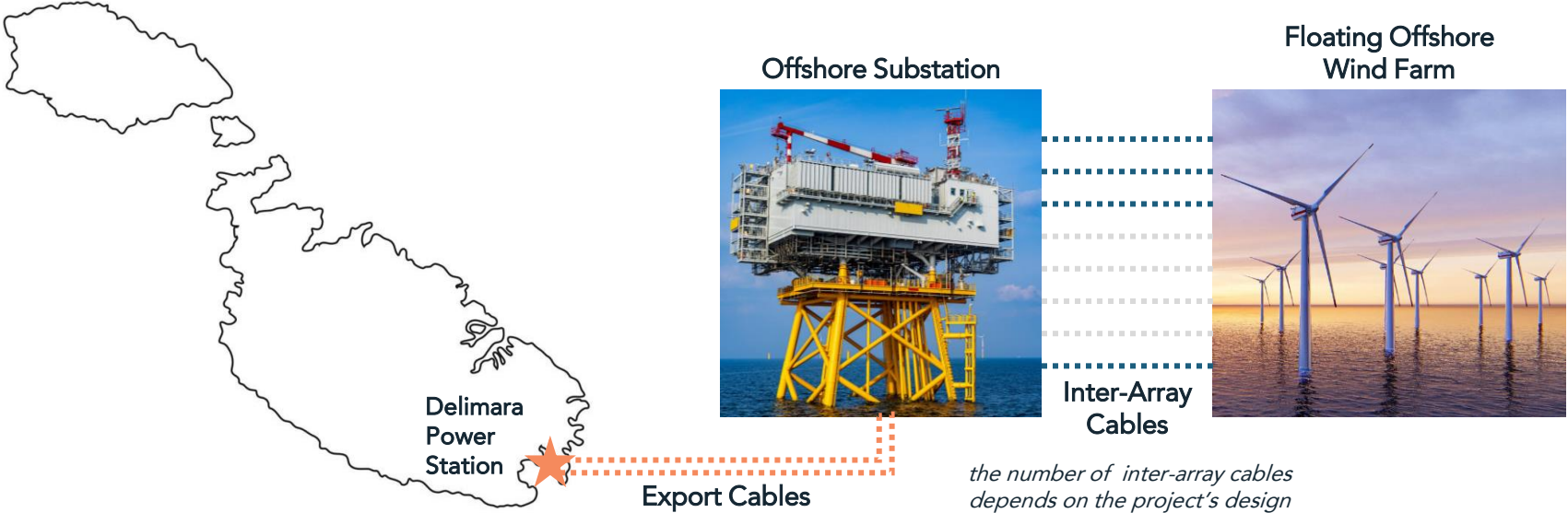


DESIGNATED OFFSHORE AREAS



Site 1 and 2 in Area 3 have been recently surveyed by Fugro using geophysical methodologies.

CONCEPTUAL FLOATING WIND FARM





GOVERNMENT
OF MALTA



Co-funded by
the European Union



FONDI.eu

BATTERY ENERGY STORAGE SYSTEMS (BESS)

INTERCONNECT
MALTA

BESS – PROJECT OUTLINE

- Both projects will cost around € 47 Million and will be funded by the ERDF and RRF.
- BESS presents an important potential contribution for Malta to achieve its EU decarbonisation commitments and feature in the Malta Low Carbon Development Strategy and Malta's 2030 National Energy and Climate Plan.



BESS – PROJECT STATUS

- A tender was issued and awarded for contracting **qualified consultants** acting as **project designers** during the design and procurement of 2 BESS to be connected to the local grid.
- Two separate systems will be installed around Malta, **Delimara Power Station** and the in the underground tunnels at **Marsa** that used to house the old power station.
- ICM is collaborating with Enemalta on the implementation of this project.





GOVERNMENT
OF MALTA



Co-funded by
the European Union



FONDI.eu

PROJECT WEBSITE: [HTTPS://ICM.MT/PROJECTS/](https://icm.mt/projects/)

INTERCONNECT
MALTA