



**FUSION**  
The R+I  
Programme



The Malta Council for  
**Science & Technology**



# FUSION R&I Funding Programmes

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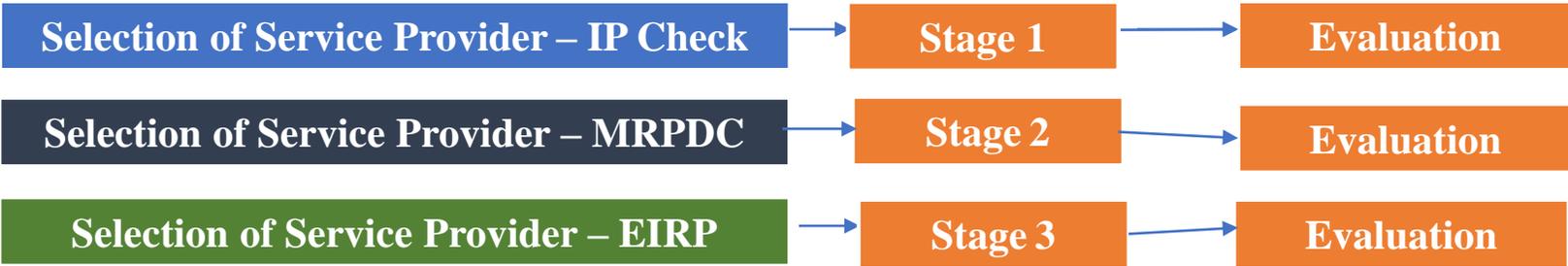


# Introduction to the Programme





How does  
**FUSION**  
work?



**If project obtains 350 marks out of 500 it will be eligible for the TDP**

## **FUSION Commercialisation Voucher Programme**

## **Technology Development Programme**

<b>Brief summary</b>	FUSION CVP aims at assisting inventors and researchers to assess the commercial and market potential of their ideas	Funds the actual development of the research and innovation proposal with the possibility of having a prototype of the proposed solution.
<b>Eligible entities</b>	Maltese Public or Private Entities	Consortium between at least one Maltese Public entity and one Maltese industrial entity who have successfully completed the CVP.
<b>Level of assistance</b>	Public Entity is 100% reimbursable inclusive of VAT totalling at €20,060 Maltese Entity is 75% reimbursable exclusive of VAT totalling at €12,750	Pre-financed €195,000 which is remunerated at 100% for Public entity and 75% Industrial entity. Additionally, a further €18,000 and €28,320 is available in optional vouchers to prepared beneficiaries for further commercialisation preparedness
<b>Eligible costs</b>	Consultancy services for IP Check, Market Research and Product Development Costing and Economic Impact and Risk Profile	Personnel costs, specialised equipment, travel, scientific information, consumables, operating expenses, subcontracted activities
<b>Duration</b>	8 months to 1 year	12 – 36 Months

# Priority: Smart Specialisation Areas

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- ✓ ICT
- ✓ Tourism Product Development
- ✓ Maritime Services
- ✓ Aviation and Aerospace
- ✓ Health
- ✓ Resource-Efficient Buildings
- ✓ High Value-Added Manufacturing
- ✓ Aquaculture

*- Some proposals may fall under a ninth area: Other*

*- The highest scoring proposals from amongst ALL the above will be selected for funding. A maximum of **24 CVP** projects and around **8 TDP** projects will be funded per year.*

# A FUSION success story

- Tailored for **Offshore**
- Underwater compressed air storage using seawater to enhance efficiency
- No Hazardous Materials
- Established Supply Chains
- High Versatility
- Scalability: >10 MWh
- Thermal Efficiency: ~95%
- Design Lifetime: >25 years

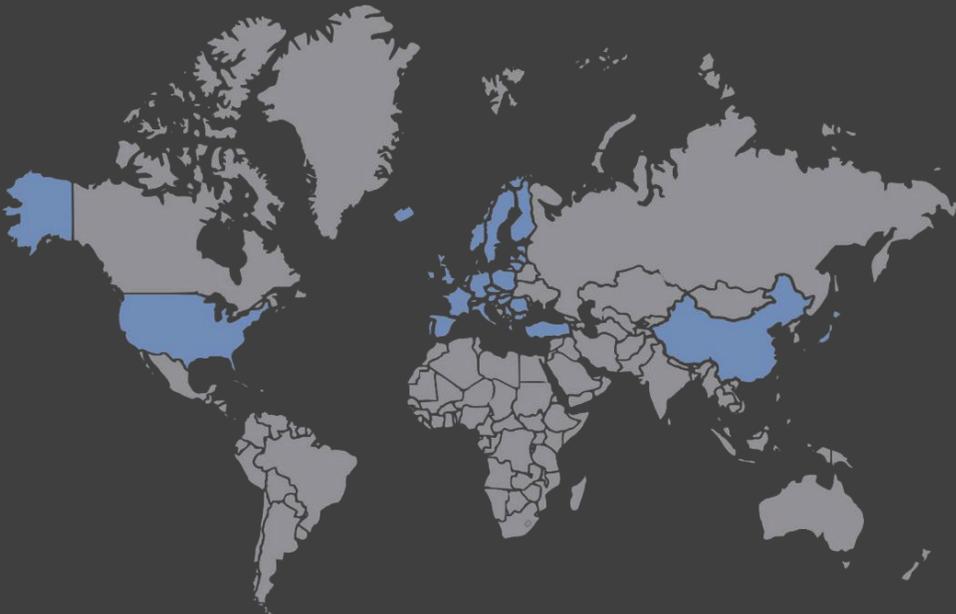


**FLASC**  
Renewable Energy Storage



# Patented Technology

- Europe (EPO) (GRANTED)
- China (GRANTED)
- Japan (GRANTED)
- United States (GRANTED)





L-Università  
ta' Malta



PARLIAMENTARY SECRETARIAT  
FOR FINANCIAL SERVICES,  
DIGITAL ECONOMY AND INNOVATION

## ACKNOWLEDGMENTS

- **Project FLASC [R&I-2015-044-T]**
- **Lead Partner: University of Malta** (Dept. of Mechanical Engineering / Inst. for Sustainable Energy)
- **Industrial Partner: Medserv plc.**



THE UNIVERSITY OF MALTA  
RESEARCH, INNOVATION  
& DEVELOPMENT TRUST



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# FUSION: Benefits

- ✓ Raises the level and profile of locally funded research
- ✓ Provides financial support for research, development and innovation preferably within the SMART Specialisation Areas.
- ✓ Ingrains research and innovation in the heart of the Maltese economy
- ✓ Encourages collaboration and knowledge transfer between public entities and industry players.
- ✓ Spurs knowledge-driven and value-added growth
- ✓ Sustains improvement in the quality of life.

## Who is eligible to apply ?

Funding is accessible only for Maltese Legal Entities (Private or Public). Foreign parties may participate within consortia but are not eligible for funding.

*NB: Public Entity means any Maltese Public Service Department or Public Sector Entity, or any Maltese Legal Entity which has more than 50% government shareholding.*



# *Thank You*



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[Claudine.Dimech@gov.mt](mailto:Claudine.Dimech@gov.mt)

Tel 2360 2174