



# Marine Protection in the Shadow of Urbanization: Prince's Island Case



MARINA Project
Local Mobilisation and Mutual Learning Workshop Phase 1
Istanbul University, Institute of Marine Sciences and Management, Turkey
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### **Marine Ecosystem Protection**

Prince's Islands, as one of the historical and remaining natural reserves of the Istanbul Metropolitan area, needs strict protection measures, while enabling urban development to support the needs and trade of the archipelago's residents. The purpose of the workshop organized by Istanbul University was to discuss, which political, economic, social, technological and environmental measures could be taken to protect the marine ecosystem around the Archipelago.

23 participants from different stakeholder groups took part:



#### World Café Facilitation Method

Designed to create a welcoming environment, this method ensures that participants intentionally connect multiple ideas and perspectives on a topic by engaging in several rounds of small-group conversations.

### Responsible Research and Innovation

Responsible Research and Innovation (RRI) engages and brings together all stakeholders, creates dialogue and facilitates knowledge-sharing. It ensures the sustainable use of natural resources and makes sure that the needs of citizens and society are integrated into research and innovation. Participants put forth proposals of collective solutions based on the six RRI dimensions:

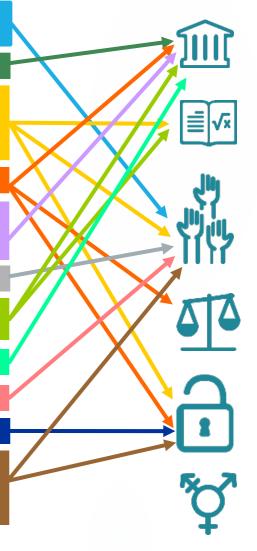


### **Workshop Outcomes**

The participants generated 72 ideas of actions from the very general to the very specific. Each action was linked to at least one RRI dimension, and **Governance** and **Public Engagement** were the most important/common dimensions in this workshop. The main message was the protection of the marine ecosystem, which could be achieved by improving control mechanism as well as public engagement, both of which increase of environmental awareness and training of citizens.

#### Actions suggested by the participants and their RRI dimensions\*

- o Start a campaign of voluntary solid waste collection.
  - o Train and certify phaeton drivers.
- o Ensure widespread and effective use of technological communication tools such as documentary, film, social media, public spot, websites, e-materials.
- o Organize social responsibility projects.
- Investigate the impacts of maritime activities and ship based noise on migration patterns of marine life and take counter measures.
  - o Develop ecotourism applications.
- Monitor pollution and fecal indicator bacteria monthly.
  - Activate a control mechanism.
  - o Activate a denouncement procedure.
    - o Determine a biological inventory.
- Give information on the ecology, ecosystem, culture and history of the island by using visual media and interactive techniques for tradesmen and day-trippers.

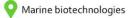


<sup>\*</sup> Most voted 11 actions were presented.

The MARINA Project is funded by the EU Programme Horizon 2020. 14 partners across Europe are joining forces for a period of 36 months to bring together stakeholders around marine issues and societal challenges and propose RRI driven roadmaps of actions to respond to them.

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