



UNITED workshop

Greek Pilot



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Greek Pilot

Greek multi-use pilot site

The pilot is situated in the marine area near the islet “Patroklos”, Sounio, Eastern Attika district, Greece. The pilot expands tourism activities (leisure scuba-diving) at the aquaculture site:

- **KASTELORIZO AQUACULTURE SA operates a fish-farming unit, on floating facilities. KASTELORIZO provides the aquaculture unit that shares the same marine space with the **touristic diving activities of Planet Blue SA.****

- The two companies perform a number of co-existence scenarios that are facilitated with the use of WINGS’ monitoring and management platform, AQUAWINGS, that is deployed to ensure:
 - best multi-use of aquaculture and tourist activities
 - minimization of environmental impact



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Safety concepts

- Both activities individually are fully covered by **private insurance** for their own activities
- Aquaculture site is also covered by the **Hellenic Agricultural Insurance Organization**
- Planet Blue is covered for 5MM euros for a combined liability including professional, public, workers', employers' and pollution risks by Lloyds of London
- For environmental inspections and permits, the responsible carrier is the Hellenic Ministry of Agricultural Development and Food
- Health and safety of scuba-diving expeditions:
 - Planet Blue is a certified provider of diving services with Bureau Veritas certification EN 14467, a standard outlining the requirements for equipment, risk assessment, and emergency provision to ensure that all activities are carried out safely.*
- Also Planet Blue is certified for its **ISO 9001:2015 Management System** (Scuba training, recreational diving, scuba gear rental, filling of tanks), **ISO 14001:2015 Environmental Management** and **ISO 45001:2018 Occupational Health and Safety Management**

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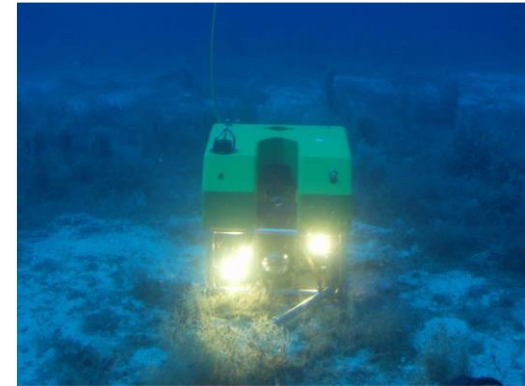
Main logistical steps and considerations during the pre-operational and operational phases

Choice of ROVs according to :

- *Reduced staff exposure to the dangers of diving*
- *Operation under any weather conditions day and night*
- *Ability to approach at great depths , small size, easily transferable*
- *High Flexibility*

The Blue Planet team is also comprised of:

*dependable, highly qualified and certified personnel for the ROVs operations
in-house engineering team with certified, expert technicians,
CRM and office support team*



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Lessons learned

- Wired connection between cameras and sensors with router to provide power and internet did not seem as a proper solution (operational vessels often cut the wire and aquaculture operators also turn off the power at times)
- Covid-19 pandemic brought a lot of issues for the provision of cameras and sensors from foreign countries





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