

Project Area

The project area corresponds to the FLAG area that covers the **Eastern coast of Sardinia, in the Mediterranean Sea**. It is about 200km of coast. The FLAG area includes the territory of three sardinian historical regions **Baronia, Ogliastra and Sarrabus** and a part of the main city of the region, **Cagliari**.



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Guardians
of the Sea



Università degli Studi di Sassari



Motobarca PAMY


Guardians
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The project

The main objective of the project is to **promote the sustainable use of fish resources and preserve the marine environment and coastal communities**.

Through the structural conversion of **the boat PAMY**, from fishing boat to sea protection tool, the project aims to enhance the skills of the fisherman who give up his fishing license becoming "**Guardian of the Sea**".



The Guardian of the Sea

It is the symbolic figure of the project. The **Guardian** is a fisherman who decided to put at the service of the community their knowledge and skills and thus become a **promoter of positive values of sustainable development and protection of the coastal and underwater environment**.

The Guardian of the Sea is joined in its efforts by a team of researchers from the Department of Agriculture, Animal Sciences Section - Laboratory of Aquaculture and Aquatic Resources Management at the **University of Sassari**.

The R.O.V.

The **R.O.V. (Remotely Operated underwater Vehicle)** is the instrument through which operates the Guardian of the Sea. It is a remote-controlled underwater vehicle used for underwater inspections at great depths. The Guardian of the Sea will pilot the R.O.V. in inspection activities on board Pamy **for monitoring the underwater environment**.



This tool can be used for the **benefit of the fishing community** but is also open to a wider audience, for example, **divers, archaeologists, researchers, diving companies, public and private entities** interested in the marine environment.



Partners

The **FLAG Sardegna Orientale (Eastern Coast Fisheries Local Action Group)** is the lead partner. It is a nonprofit association whose main objective is to carry out initiatives aimed at socio-economic development of the coastal territory of the east coast of Sardinia, in particular by supporting and enhancing activities of fishing sector.

PAMY is the motorboat owned by the Guardian of the Sea Mr. Pasqualino Marongiu, member of the Cooperativa Pescatori Tortoli since 2003. The ship boasts 37 years of navigation and is about 6 meters long by about 1.7 tons.

The **Department of Agriculture, the Animal Sciences Section - Laboratory of Aquaculture and Aquatic Resources Management (LAGRA)**, University of Sassari. The LAGRA was founded in 2012 and has many researchers and collaborators. It has extensive experience in the management and coordination of research projects.

Project results

The project started in **January 2016** and will end in **June 2017**.

The Guardian of the Sea will start a **new entrepreneurial activities** based on new knowledge and skills acquired in the use of R.O.V.

In the long term, it is expected that there is a **positive impact on the economic activities** that rely on fishing, combining **environmental sustainability, growth and quantitative stock fisheries and intergenerational equity**.