DEEPFISHMAN OBJECTIVES

Target species in the Deep-water fisheries have posed particular difficulties for monitoring and management. There are few fisheries independent surveys carried out, their life history characteristics makes them difficult to assess and many of these fisheries are predominantly in international waters.

The primary objective of the project is to identify and develop new and more effective monitoring and assessment methods, reference points, control rules and a management framework to be used in the short term. The second objective is to develop a long-term monitoring and management framework to achieve reliable long-term management requirements.

The project outputs will aim to provide robust guidelines for deepwater fisheries management suitable for adoption within the Common Fishery Policy.

Photo: SCAPECHE

DEEPFISHMAN PARTNERS

- **IFREMER** Institut Francais de Recherche pour l'Exploitation de la MER, France

- **Cefas** Centre for Environment, Fisheries and Aquaculture Science, UK

- **UoI** Institute of Economic Studies (IoES), University of Iceland, Iceland

- **IMR** Institute of Marine Research, Norway

- **IMPERIAL** Imperial College of London, UK

- **NatMIRC** National Marine Information and Research Center, Namibia

- **AZTI** Fisheries and Food Technological Institute, Spain

- **IPIMAR** National Institute of Biological Resources, Portugal

- **MI** Marine Institute, Ireland

- **HCMR** Hellenic Centre for Marine Research, Greece

- **IEO** Spanish Institute of Oceanography, Spain

- **MRI** Marine Research Institute, Iceland

- **UoP** University of Portsmouth, UK

DEEPFISHMAN

Management And Monitoring Of Deep-sea Fisheries And Stocks

Grant agreement no.: 227390

http://www.ifremer.fr/deepfishman

DEEPFISHMAN
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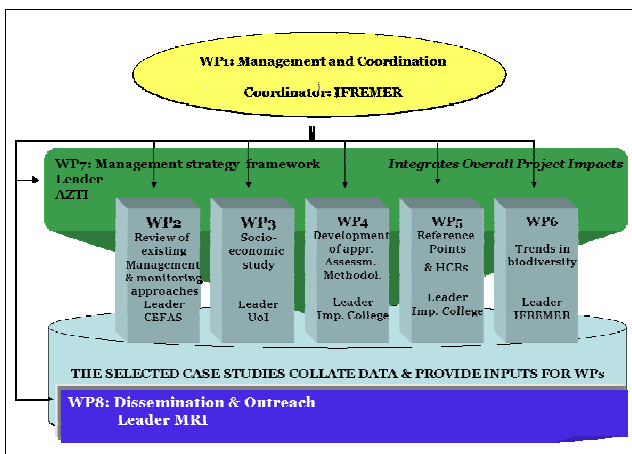
The project comprises 8 work packages (WP) and 5 main case studies. A range of strategy options for monitoring and management will be developed which will incorporate an ecosystem approach to fisheries management. The socio-economic profiles of the case study fisheries and the impact of management strategies will be examined for selected stocks.

Photo:Benjamin Planck

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The case studies are selected to reflect the characteristics and diversity of deep-water fisheries. Their output will contribute to several of the work packages for further data analysis.

- **Directed single species fisheries**: Highly vulnerable: Orange roughy (*Hoplostethus atlanticus*)/ Less vulnerable: Blue ling (*Molva dypterygia*)

- **Mixed demersal trawl fisheries**

- **Artisanal fisheries**: Highly vulnerable: Red Seabream (*Pagellus bogaraveo*)/Less vulnerable: Black scabbard (*Aphanopus carbo*)

Photo: Juan Gil Herrera

- **Data rich stocks**: Oceanic redfish (*Sebastes mentella*)

- **Data rich stocks:** Greenland Halibut (*Reinhardtius hippoglossoides*)

Photo: IEO Cadiz

STAKEHOLDERS'
CONTRIBUTION

Stakeholder's involvement is an essential part of the project, since they offer a source of unique information in undertaking proposed approaches. Their involvement is realized through workshops were views on the present and possible future management regimes will be formulated. Communication with stakeholders through out the project will be carried out and maintained through a stakeholder outreach and dissemination program.

Photo Juan Gil Herrera