Scientific support for the development of a management plan in the Celtic Sea

A mixed-species fisheries Decision Support Tool (DST)

Background & Objective

- EC issued call for proposal in response to NWWRAC initiative to develop mixed fisheries management plan for Celtic Seas (VIIf,g)
- “To develop a tool to evaluate biological and economic impacts of tactical and technical tools to meet mixed fisheries objectives”
- Multi-disciplinary team (biological, technical, economic, modelling, stakeholder interactions)
- Proposal submitted – awaiting evaluation

Key Processes

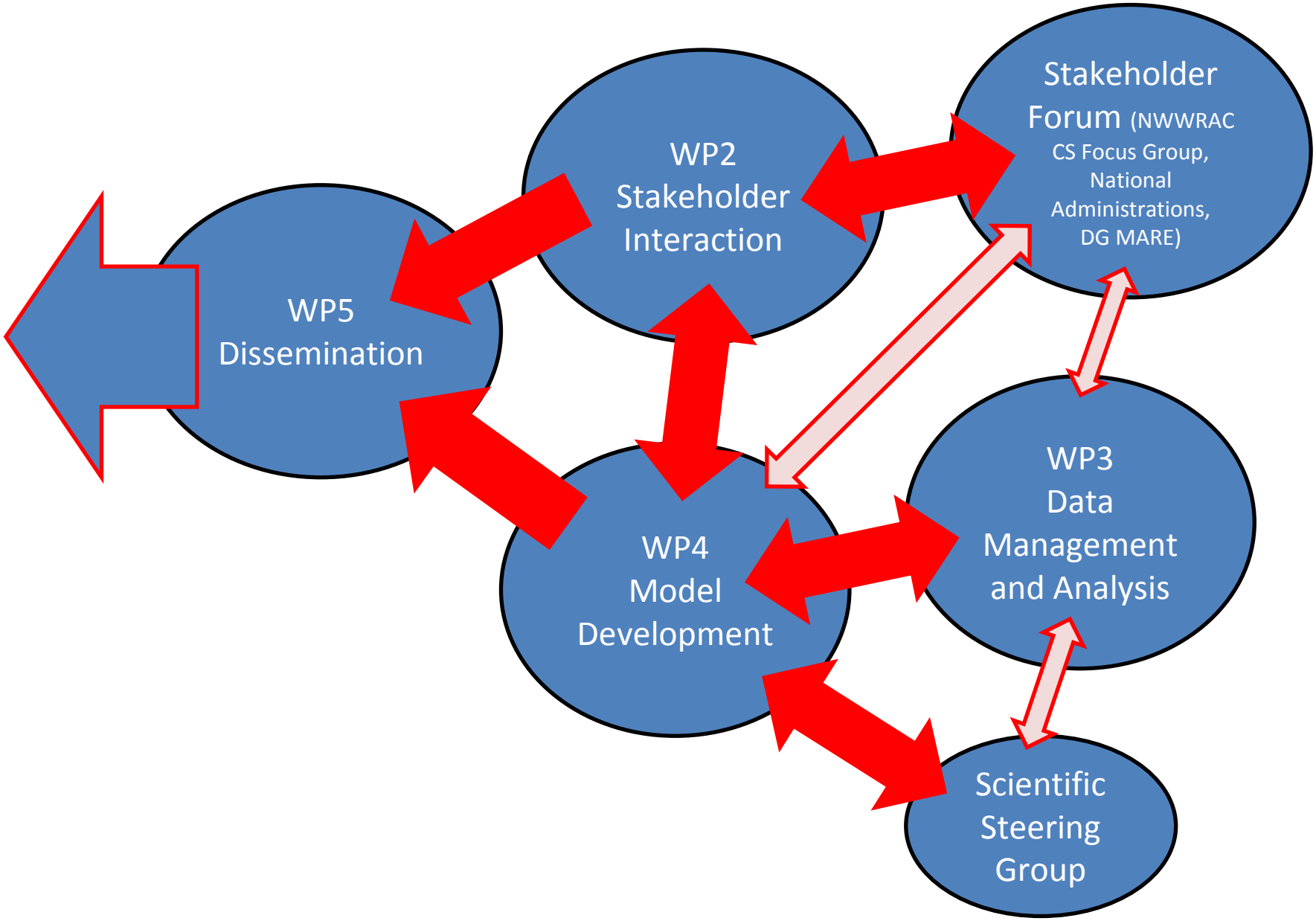
- Investigation of management scenarios and identification of management tools with stakeholders.
- Synthesise all necessary fisheries data including catch (landings and discards) and effort (i.e. from national sources, ICES and JRC) and economic data (DCF and national sources)
- Review potential biological, technical and economic and social modelling approaches that can be used to assess the potential impact of changes in selection/technical measures, fishing opportunities and identify responsive indicators.
- Development of an operational bio-economic stochastic model that can assess the stock and economic impacts of changes in exploitation patterns
- Develop an stakeholder driven model input and output interface based on identification of key stakeholder questions
- Produce a detailed instruction manual and provide ongoing dissemination to relevant stakeholder groups and administrations

Consortium

- Ireland – Marine Institute; GMIT; BIM
- France – IFREMER
- UK – CEFAS; Marine Sciences Scotland; Fishor Ltd
- Belgium – ILVO
- Spain – IEO; AZTI
- Netherlands – IMARES
- Supported by NWWRAC

Proposal Structure

- Celtic Sea Focus Group (members of RACs, DG MARE, principle investigators): steering of the project development; making sure results will be assessed as salient, legitimate and credible.
- Scientific Expert Group (multidisciplinary group of scientific experts): developing the content of the DST.
- Communication group: making sure the results of the DST can be understood and used for multiple audiences. This group will also facilitate the interaction between developers and potential users.


Stakeholder Forum (NWWRAC CS Focus Group, National Administrations, DG MARE)
WP2 Stakeholder Interaction
WP5 Dissemination
WP3 Data Management and Analysis
WP4 Model Development
Scientific Steering Group

- Close linkages with GEPETO
- ‘Pick-up’ from GEPETO to further assist with implementation of CS mixed fisheries MP
- Input from stakeholders key to success – identification of scenarios, feedback on fleet reactions, design and construction of model and user interface

- Will keep you posted on developments
- Thank you!