

Scientific Support for the Development of a Management Plan in the Celtic Sea (DAMARA¹)

Stakeholder Meeting

Dublin 11 June 2014

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¹Demersal Mixed fishery Analysis tool for Regional Advice

Agenda & Objectives

- Overview of DEMARA - Primary Objectives and challenges
- Meeting objectives
- Non-technical overview of modelling progress
- Summary of telephone interviews
- Role of the stakeholders
- Communication strategy
- Work plan to year end

Some Background

- NWWRAC initiative to develop mixed-fisheries mgt plan for VII f,g mixed gadoids fishery
- NWW AC CS focus group – overarching objectives
- Consistent with MSY considerations, minimisation of discards etc
- How and what to implement?
- Prompted need to develop ‘tool’ to aid decision making - e.g. 2014 strong year class cod/haddock
- NWW AC /MI discussions with EC to support NWW AC mgt plan initiative with DST

Other Issues

- CFP reform
- Multi-annual management plans (article 9)
- Discard plans (article 15)
- Regionalisation (article 18)
- Cooperative approach to develop multi-annual plans
- NWW AC plan well developed via CS focus group/GEPETO

DAMARA –

Core principles and objectives

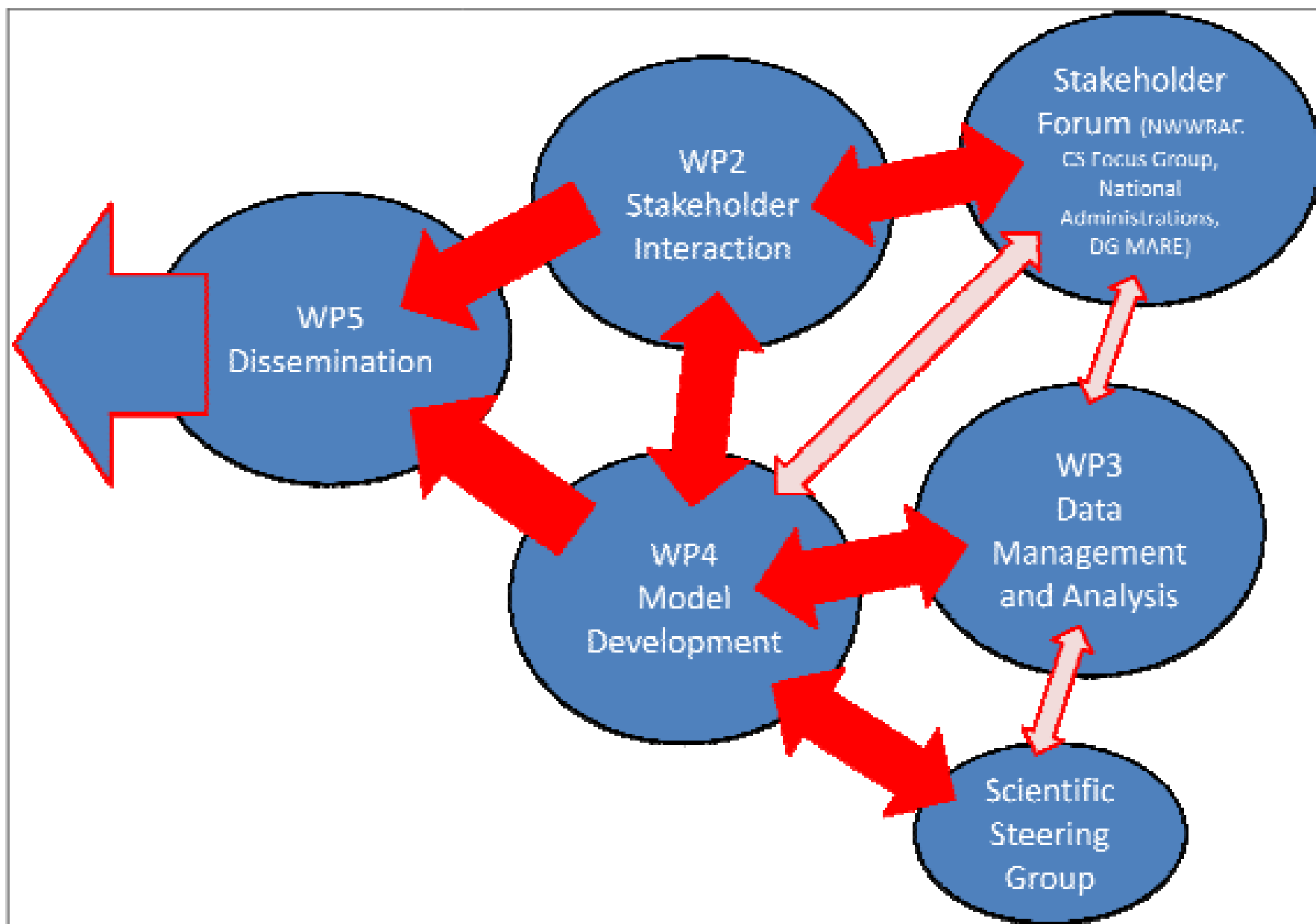
- *“not to develop management plans, it is to provide a tool to aid their development”*
- *“....to build a model to give guidance to stakeholders as to the potential bio/eco consequences of various management scenarios aimed at addressing mixed fisheries issues”*
- *“Given that the tool is to be used by managers and stakeholders it is important that the design and user interface of the model is strongly influenced by them, the end users”*

Key questions for DST development

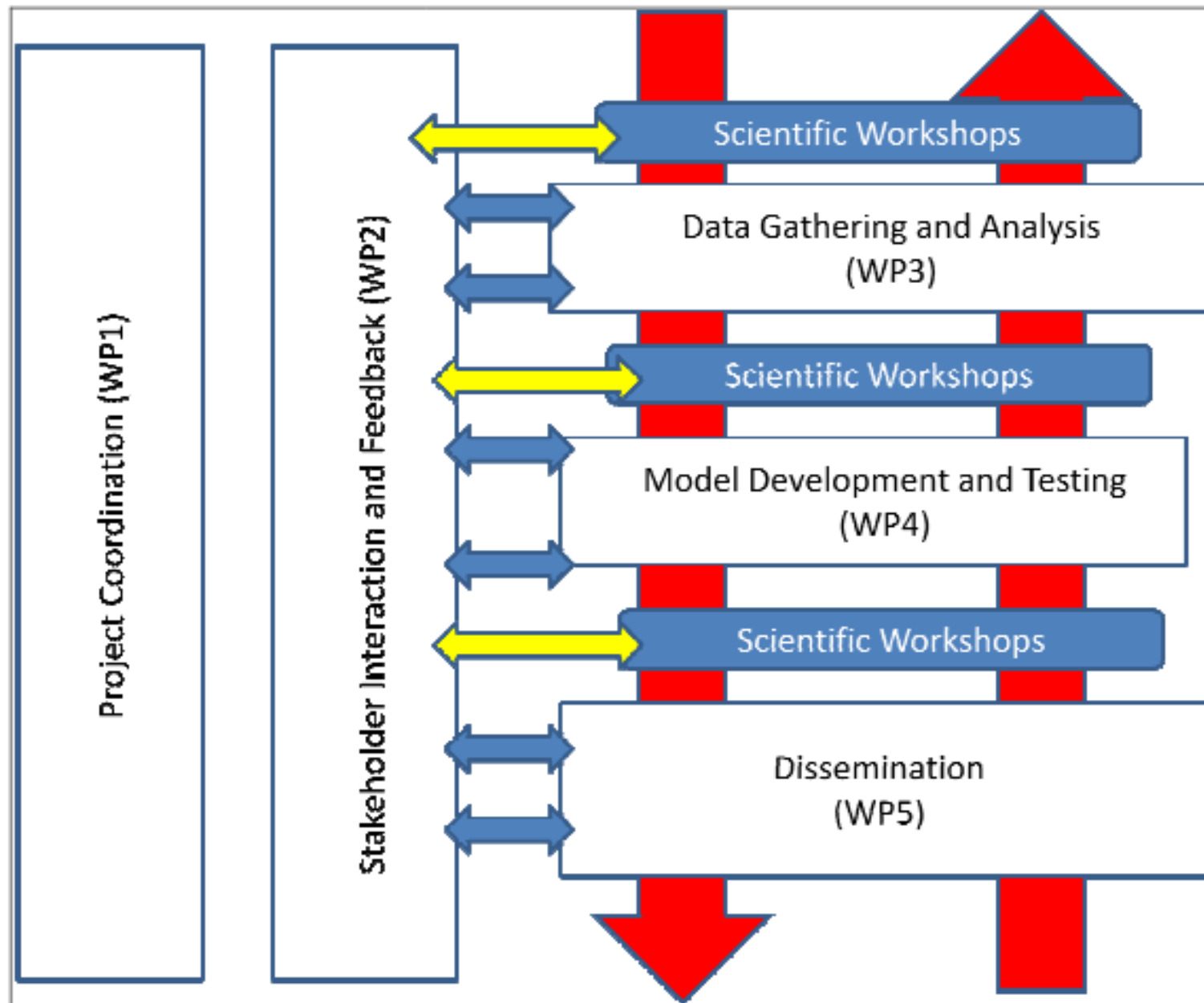
- **Utilisation:** In which context is the DST is going to be used and by whom?
- **Objective:** What are the objectives and what are the criteria to achieve them?
- **Stakeholders:** Who needs to be involved and how?
- **Scales:** Which temporal and spatial scales are relevant?
- **Data:** What is the input data use by the tool and what is the output information?
- **Evaluation:** Are the objectives achieved according to the criteria?

Key Processes

- **Investigation of management scenarios and identification of management tools with stakeholders.**
- **Develop an stakeholder driven model input**
- **Outputs based on key stakeholder questions**
- Synthesise all necessary fisheries data
- Review potential biological, technical and economic and social modelling approaches
- Development of an operational bio-economic stochastic model to bio/economic impacts of changes in exploitation patterns
- Produce a detailed instruction manual and provide ongoing dissemination



DemersAI Mixed fishery Analysis tool for
Regional Advice



Stakeholders – Roles and Responsibilities

- “...develop a decision support tool that will evolve in response to stakeholder requirements through the interaction *process*.”
- “*Define and implement and engagement process that provides the opportunity for collaborative development of a tool for evaluation of harvest strategies for mixed fisheries. Establish a process to that makes the information count in the management system (i.e. how it used to support development of Mixed fishery multi-annual plan)*”

- Task 2.1 Identification of key stakeholders to form the Celtic Sea Focus Group in collaboration with NWWRAC and national and regional administrations.
- Task 2.2 Formation of a scoping meeting with representatives of all involved parties to focus on agreements on what is expected of each participant, when input and participation is required, how we will work together and what the specific products are that will be produced (e.g. written advice, workshop reports, etc.).
- Task 2.3 Undertake a second workshop to focus on the contents of the decision-support tool. Specifically to i) Define expectations of a tool; ii) define information needs and identify sources, iii) identify linkages to ICES WG Mixfish and STECF, iv) identify stakeholder input required to economic data.
- Task 2.4 Undertake a stakeholder workshop to review technical specification to ensure that the DST is developing as intended and to define how to evolve as required
- Task 2.5 Undertake a stakeholder workshop to review prototype tool and example application, define how to evolve it as required, and to define objectives for mixed fisheries and the possible harvest strategies to achieve them.
- Task 2.6 Undertake a stakeholder for the joint evaluation and interpretation of decision-support tool. Run the decision-support tool and discuss and agree on interpretation and decide on inputs to multi-annual plan and define technical elements of plan based on the model and define who will do what.

Next Steps?