

MareFrame



WPD: Develop a decision support framework (DSF)

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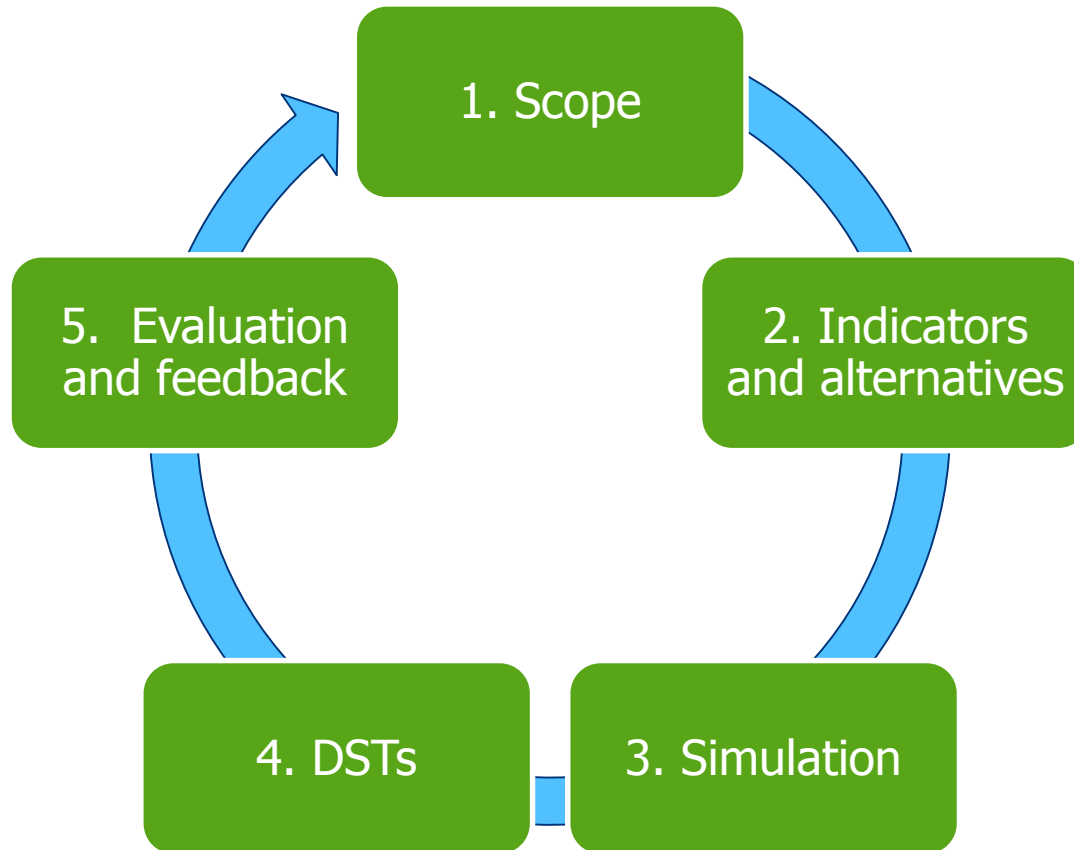
Overall WP6 objective:

“To develop, test and adapt a DSF to provide an evidence basis for policy makers and other stakeholders about the trade-off between various management options on a multispecies basis”

- 1. The co-creation process**
- 2. Ecosystem models**
- 3. Decision Support Tools**
- 4. Educational resources**



Development and use of the DSF in case studies



Specific objectives

- Prepare case studies for decision support (D6.1)
- Develop DST toolbox (D6.2, D6.3, D6.4)
- Apply DSTs to case studies
- Develop DSF platform
- Use DSF to support development of “iterative management plans” (D6.5)



Main challenges

- **User-friendly DSTs?**
- **Weightings in MCA: Rationale accepted but difficult to do**
- **Uncertainty**
- **Timeliness (dependencies)**



DST toolbox (08.12.17)

DST	Scen. Vis.	MCA	BBN	ToyM	GreenM
Baltic	✓	-	✓	-	-
North Sea	(Green M)	-	-	-	✓
Iceland	✓	✓	-	-	-
WcoS	✓	✓	-	-	-
SWW	(Toy M)	✓	-	✓	-
Med.	✓	-	-	-	-
Black S.	✓	-	(✓)	-	-

DST improved, e.g. using EAG feedback



Keeping the DSF platform alive

- **Tøkni can host the DSF platform min. 3 years (cost = €0)**
- **Debugging, help to apply MCA and BBN to new cases or new development work at hourly rates**
- **H2020 projects REEEM and FarFish will use DTS**



Publications (in prep.)



Rahikainen & al.: Mareframe toolbox supporting informed multi-attribute fisheries management decisions

Nielsen & al.: Participatory planning and decision support for the West coast of Scotland mixed fisheries

Nielsen & al.: Tools and processes to support scenario based planning in Ecosystem Based Fisheries Management: lessons from seven European case studies

Rahikainen & al. Decision support disentangles the multiple EAFM goals of the mixed shrimp and hake fishery in the Strait of Sicily

(Others in cooperation with/led by WP5 persons)



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