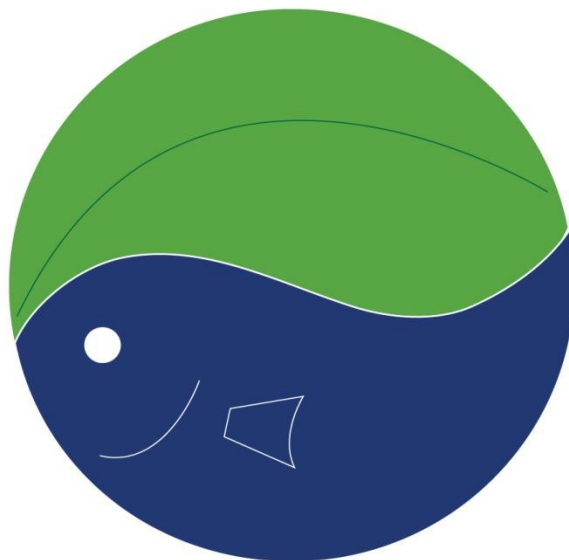




EcoFishMan



Roleplaying game for the Adriatic Sea case study

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The Common Fisheries Policy review (Green Paper 2009):

- 1) Overcapacity
- 2) Vague policy objectives
- 3) Short-term focus
- 4) Insufficient industry responsibility
- 5) Poor industry compliance

EcoFishMan - Case studies

1. Icelandic mixed demersal fishery
2. Portuguese Crustacean Bottom Trawl Fishery
3. North Sea mixed demersal trawl fishery
4. Adriatic (GSA17) mixed demersal fishery

Where analytical stock assessments are available simulation models were applied (1-3), otherwise questionnaires or roleplaying games.

MP1 for the GSA17 mixed demersal fishery



Why role game?

- Alternative to quantitative models when data is not sufficient
- Ensures stakeholder interaction
- Direct feedback
- Allows us to look into the future
- Mutual learning situation, innovative approach
- Evaluation of role game as tool in future work

- To be effective, a role-play scenario should have sufficient detail to challenge and engage the stakeholders, it should contain an underlying conflict, and it should appeal to the actors.
- The Mediterranean demersal mixed fisheries case is perfectly suited, as the fisheries management is complicated, and there are several conflicting interests and stakeholders to take into consideration.
- The roleplay provides the opportunity for EcoFishMan to gain new knowledge and appreciate different points of view and perspectives. Through the roleplay, EcoFishMan will analyze the fishers, managers and other stakeholders' reactions and responses on the new RFMS and come up with a final evaluation on the applicability of the RFMS in one of the most complicated areas in EU fisheries.
- This approach has previously been successfully employed in multi-stakeholder natural resource management
- **D5.6 (Month 33):** Report on RFMS simulation and acceptance test of case study Adriatic Sea

Scenario:

- **It is December 2018** and the mixed demersal fishery in the Northern Adriatic is on the brink of collapse. Total landings are below 10.000 tons, many fishers have left the fishery, and many very negative news stories similar to the one from “La Repubblica” in 2013 have been printed.
- A new management plan has to be developed for the Adriatic Sea and drastic measures are needed. A hearing meeting has been called where these measures are going to be discussed and decided upon (see list below). Participants at this meeting fall into 3 main categories: Operator and authority representatives as well as other stakeholders.

Character sheet list:

- 1) Fisherman (vote)
- 2) Fisherman (vote)
- 3) Fishery organisation leader (vote)
- 4) Authority (vote)
- 5) Authority (vote)
- 6) Authority manager (vote)
- 7) Fish buyer (influence)
- 8) Restaurant owner (influence)
- 9) Artisanal fisherman (influence)
- 10) Fisheries inspector (influence)
- 11) Scientist (influence)
- 12) Environmental activist (influence)
- 13) Environmental youth activist (influence)

Mutual goals for the game

- Decide on measures to ensure sustainable fishery in the Adriatic in the future
- Decide on measures for enforcement of agreed measures and control of the fishery
- Debrief
- Evaluation of the game

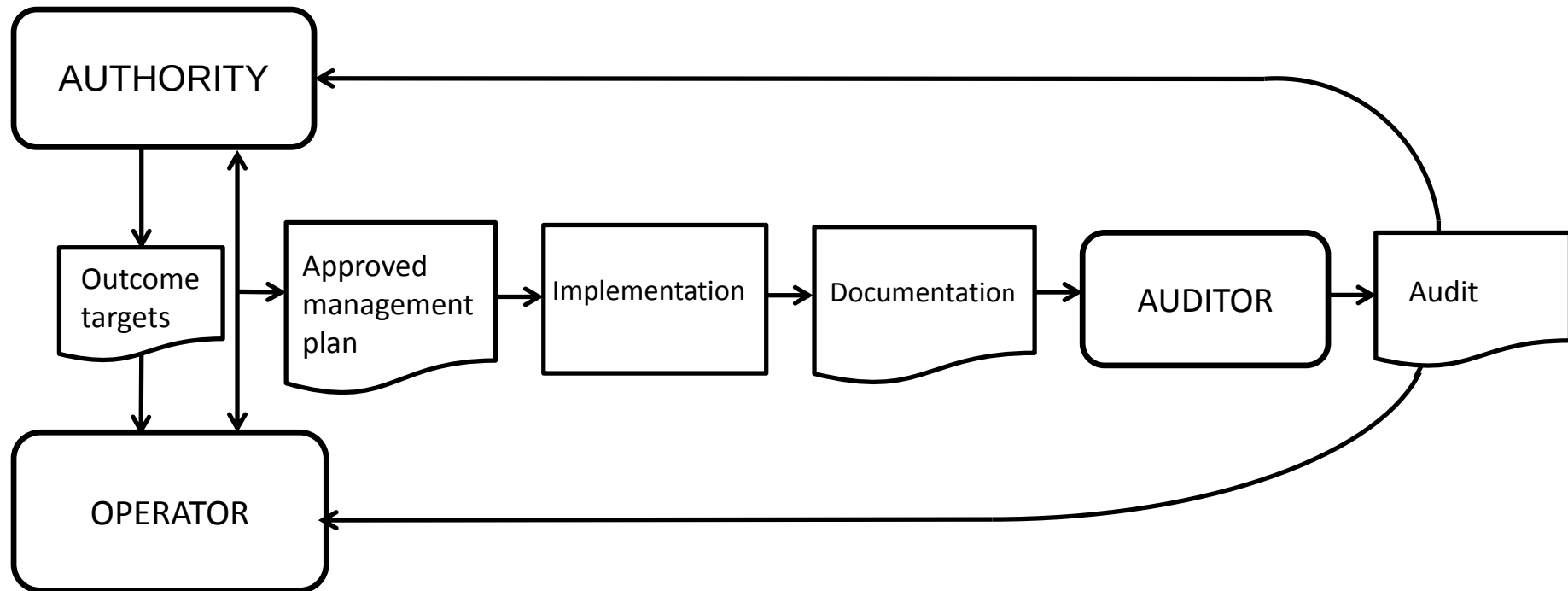
Evaluation

1. Did you enjoy playing this role?
2. Would you have preferred to play another role? If yes, what role would you have preferred?
3. Did you enjoy the game?
4. What did you learn and experience while playing?
5. How did the game dynamics (vote, red and green card) work?
6. How can the role game be improved?
7. Do you have any other comments or opinions related to the game?

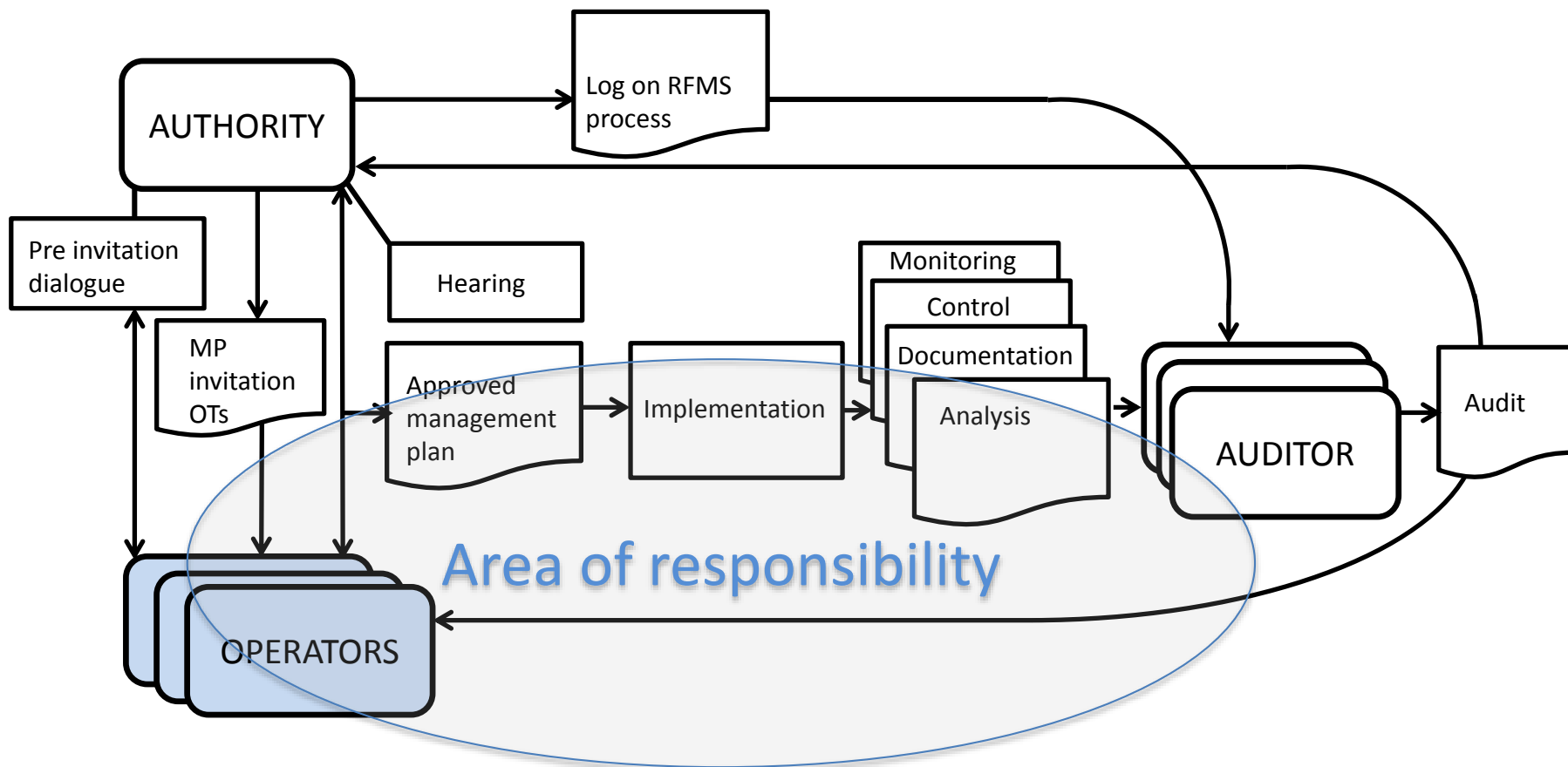
- RFMS is developed by EcoFishMan
- Results-based, adaptive, ecosystem-based
- Reduce micro-management by involving resource users



The generic RFMS concept



RFMS prototype 3



Who contributed

This role game was developed in Tromsø Norway, in cooperation between University of Tromsø and Nofima. The game was developed for EcoFish Man project to be applied on the Adriatic sea case. The approach and roles were to some degree modelled on previous roleplaying games Martin Pastors Gap2, Jørgen Smidth Jack fish, Jorge dos Santos, IFM class and UK free forms.