

# Economic and social impacts of the proposed scenarios for a long term management plan for Baltic pelagic fisheries

Study commissioned by DG MARE and coordinated by Marine Resources Assessment Group (MRAG), UK, in cooperation with Innovative Fisheries Management (IFM), DK, and Poseidon Ltd., UK.

# Study team

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# Study outline

- Identification of fleet segments and dependencies
- Assessment of fisheries potential with different management scenarios
  - (changes to TACs)
- Analysis of economic and employment consequences in fishery and on shore (short, medium and long term) for different scenarios
  - including comparison of 'status-quo' scenario with ICES (WKMAMPEL) long-term approach (HCR) scenario
- Assessment of social impacts
- Development and analysis of long-term management scenario developed solely with economic objectives

# Fleet dependencies

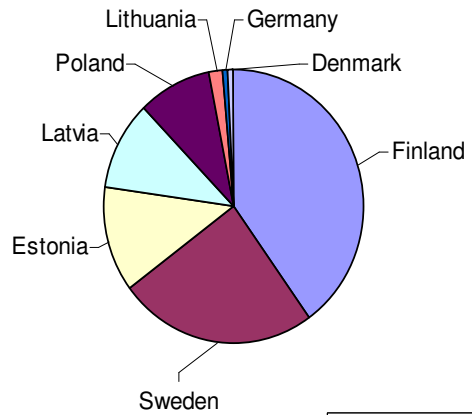
Country	Fleet	% dependency			
FIN	PTS1224	97%	LTU	DTS/PTS2440	25%
EST	PTS2440	94%	DNK	DTS012	24%
FIN	PTS2440	93%	POL	DTS 24-40	20%
LVA	PTS1224	92%	DEU	DTS 0012	17%
POL	PTS24-40	83%	DNK	PTS2440	13%
LVA	PTS2440	80%	DNK	PTS1224	10%
EST	PTS1224	79%	SWE	DTS1224	9%
LVA	PG012	56%	DNK	DTS1224	9%
SWE	PTS2440	53%	POL	PG	7%
SWE	PTS 40	49%	DEU	DTS 1224	6%
SWE	PTS 1224	45%	POL	DTS1224	6%
FIN	PGP012	31%	DEU	DTS 2440	3%
DEU	PG	29%	DNK	PTS40	3%
EST	PG012	28%			

# Country dependencies

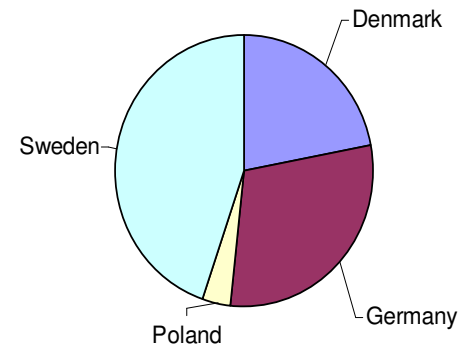
Ranking by value added	Euro million	Ranking by employment	Number
Sweden	13	Latvia	1073
Denmark	12	Estonia	1053
Finland	6	Poland	499
Latvia	6	Finland	274
Poland	5	Sweden	200
Estonia	2	Germany	174
Germany	2	Denmark	159
Lithuania	0.4	Lithuania	42

# Baltic catches

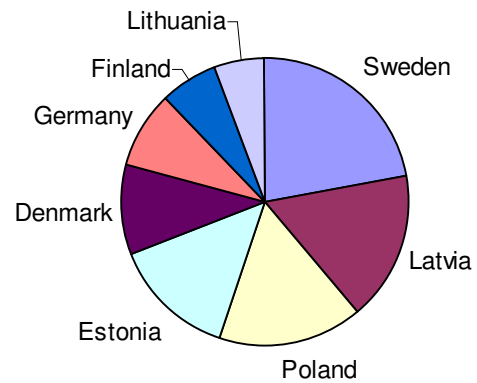
**Herring catches 2007 - Eastern Baltic**



**Herring catches 2007 - Western Baltic**

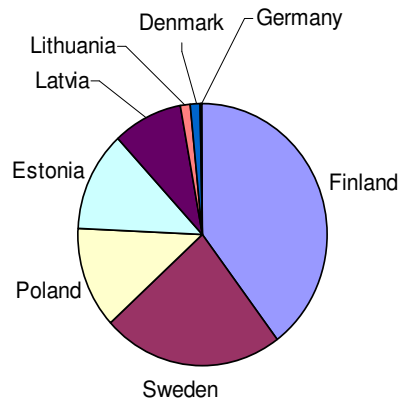


**Sprat catches 2007 - Baltic**

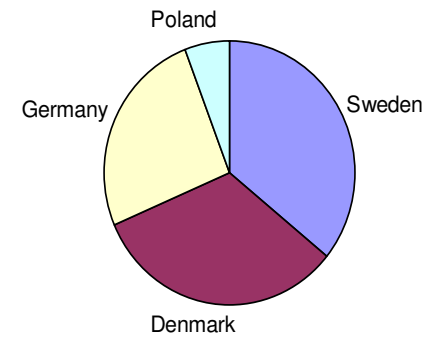


# Quotas

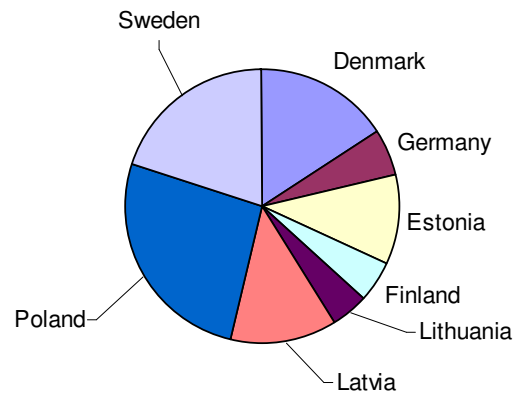
**Herring Quota 2007 - Eastern Baltic**



**Herring Quota 2007 - Western Baltic**



**Sprat Quota 2007**



# Bio-Economic Model

- Using the EIAA model applied by EC STECF.
  - Economic indicators for relevant fleets taken from AER reports.
- Preliminary analysis showing fairly low impacts of HCR scenario compared to “status-quo” scenario.

# Consultation process

- Questionnaire on baseline sector information (fleet/processing industry) circulated to governments
- Telephone interviews in June 2009 with key informants (e.g. BSRAC EC members) on likely consequences of scenarios for 2015 (“what - if” discussion)

Thank you!