



Reykjavik 1.-2.10.13

# Group work – Session 1

## Questions to address:

1. Pointing out the three most important challenges within each thematic area
2. How can we solve these challenges
3. Project cooperation? R&D focus areas.



## Session 1: Selectiveness of fishing gear

### Group 1:

#### Most important challenges?

- Increase the selectivity and the catch. Usually when you increase the selectivity you catch less and you lose money. Depends on the species you are catching you need heavy gear that follows the bottom and need heavy rock hoppers.
- Pressure of NGO's is making things difficult. Data shows that ecological impact has reduced, but the NGO's do not want to hear reason. Sometimes grids cause damages to the catch so grids are not all good. Though have to be used and the NGOs don't give any credit. Needs to be economically sustainable.....not only ecologically sustainable.
- R&D is expensive and funding is scares (who should pay for R&D) and what if you make something that the industry does not want in the end. Should R&D be purely industry driven?
- How can we find out what is the correct flow in the trawls. Finding out the correct balance.



## Session 1: Selectiveness of fishing gear

### Group 1:

#### How can we solve these challenges?

- Quality of the catch is often the driving force, rather than catch volume. Need more data and research.
- NGOs should collaborate more. This is being done in regards to salmon for example. Meeting standards that are established by both parties.
- Companies are fine with funding research than can be sued. But there needs to be some incentive from the Authorities.



## Session 1: Selectiveness of fishing gear

### Group 1:

### Project cooperation and R&D focus areas?

- EC should fund a network



## Session 1: Selectiveness of fishing gear

### Group 2:

#### Most important challenges?

- Politics are important. When we have catch quotas instead of landing quotas the companies will benefit from using better gear. They do not need enforcement from authorities.
- R&D gear needs to be applicable in real life...not only in laboratories.



## Session 1: Selectiveness of fishing gear

Group 2:

How can we solve these challenges?

- ?



## Session 1: Selectiveness of fishing gear

Group 2:

Project cooperation and R&D focus areas?

- ?



## Session 1: Selectiveness of fishing gear

### Group 3:

#### Most important challenges?

- Unwanted by-catch
- Energy efficiency
- Regulations on fishing communities give no room for improvements





## Session 1: Selectiveness of fishing gear

### Group 3:

#### How can we solve these challenges?

- Deregulation.....you need to be able to choose how you catch your quota.
- Energy cost will automatically drive fishermen to change so that you have more efficient fishery.
- Simplification of rules.....deregulation



## Session 1: Selectiveness of fishing gear

### Group 3:

#### Project cooperation and R&D focus areas?

- Cooperate on regional basis



## Session 1: Selectiveness of fishing gear

### Group 4:

#### Most important challenges?

- Discard ban
- Fishermen go to fields with large fish
- Banning areas of small fish is a possibility
- What is the carrot?
- What is the consumers opinion? Sustainability... Preparing for the future market demands
- The fishermen must be the driving force to implement new and better solutions for selectivity.



## Session 1: Selectiveness of fishing gear

### Group 4:

#### How can we solve these challenges?

- Vision technology may be a solution giving the skipper information as early as possible
- New technology must be easy to handle
- The government must be able to adapt to new technology
- Better sensor technology to estimate the amount, single fish size, species of fish in the codend



## Session 1: Selectiveness of fishing gear

### Group 4:

#### Project cooperation and R&D focus areas?

- Find the right vessel owners willing to proceed and to buy the developed system



## Session 1: Selectiveness of fishing gear

### Group 5:

#### Most important challenges?

- Continues use of equipment
- Other issues than fishing gear to consider. Where and when to fish for example.
- Fish selector mentioned and work done by ScanFish was discussed and the they have something worth working further on



Fishing Gear Network

New technology for the Nordic fishing fleet  
Fishing gear and effective catch handling

Workshop in Reykjavík, October 1<sup>st</sup> & 2<sup>nd</sup> 2013

## Session 1: Selectiveness of fishing gear

Group 5:

How can we solve these challenges?



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## Session 1: Selectiveness of fishing gear

Group 5:

Project cooperation and R&D focus areas?





## Session 1: Selectiveness of fishing gear

Group 6:

### Most important challenges?

- Continuous function under real stress condition, of good fishing
- Gear is tool to achieve fishing, more issues than fishing gear that facilitate selectiveness
- Strategies failure to cope with real issues of fishing



## Session 1: Selectiveness of fishing gear

### Group 6:

#### How can we solve these challenges?

- Further development, of the fish selector consideration Gantrawl ScanFish in Norway and X Chain system
- Consider more factors than mesh size as presented by Einarsson and Ingólfsson
- Good management of fisheries with better regulation aiming for target, consideration effort, with most efficient gear, deal with status of fisheries



## Session 1: Selectiveness of fishing gear

### Group 6:

#### Project cooperation and R&D focus areas?

- Any technology that can discriminate species is advantageous
- Consider more fishing gear than trawl
- Make the future research more collaborative fund directly into the commercial fishing