



Aquaculture and local communities: challenges and opportunities

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Traditional funding approaches vs. Community-Led Local Development (CLLD)

Government (national / regional)

Managing
Authorities

Paying
Agencies

Project

Project

Project

Project

Government (national / regional)

Managing
Authorities

Paying
Agencies

FLAG

Partnership

Local
Development
Strategy

Project

Project

Project

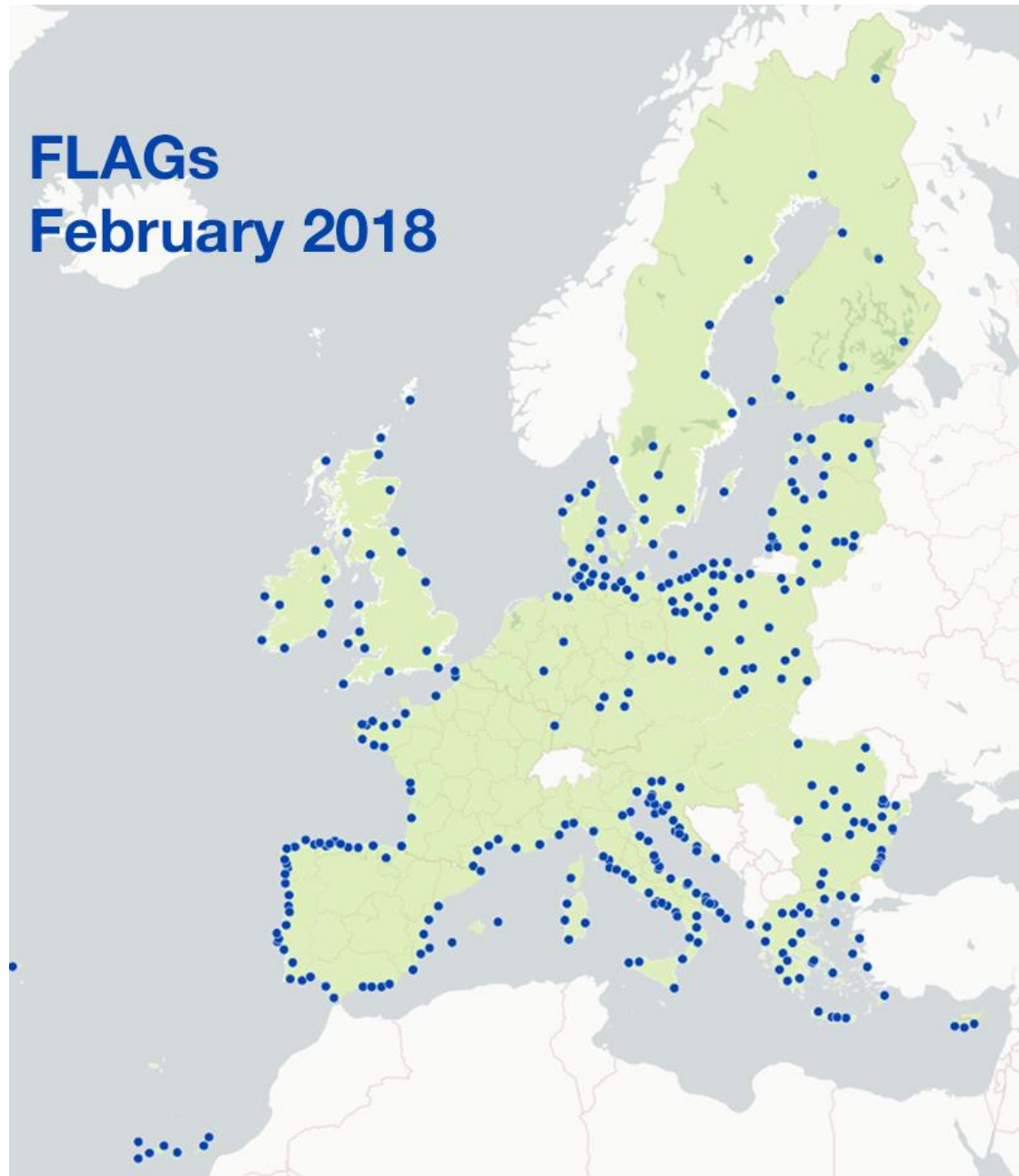
Project



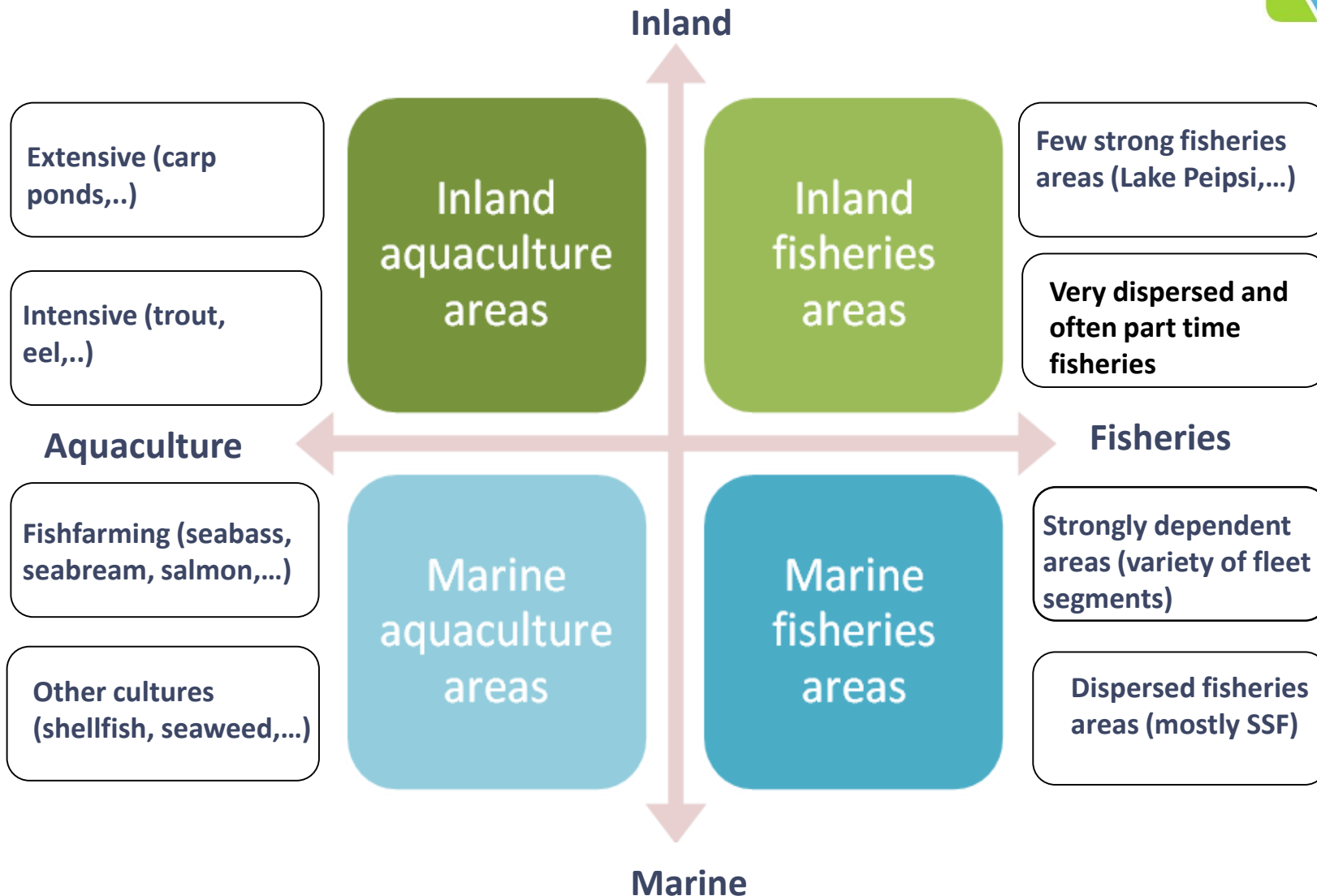
CLLD overview

- 20 MS
- ca. 12% of EMFF
- 368 FLAGs
- €2M per FLAG
(range: €240k-€10M)
- ca. 11.000 projects
in 2007-2013
- Coastal and inland,
but only in some MS

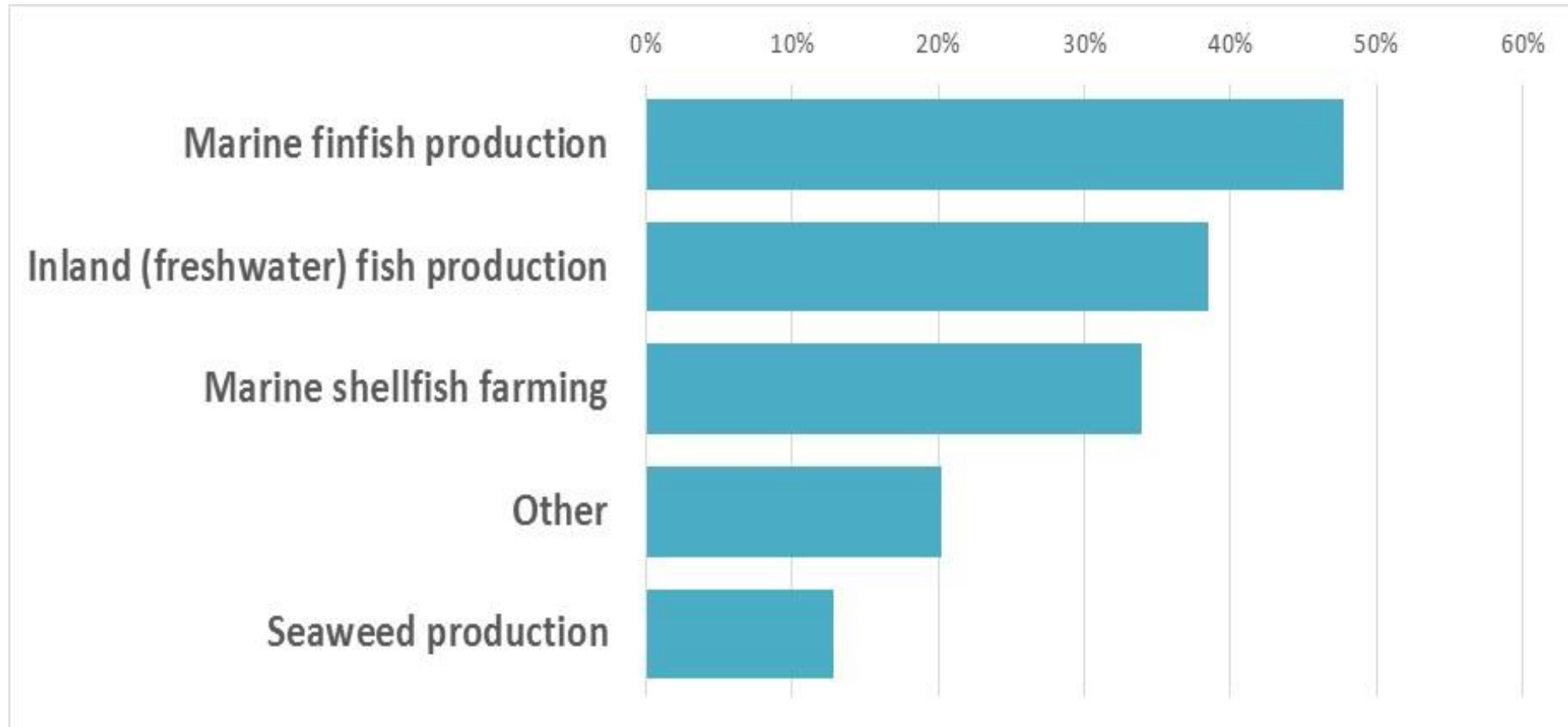
FLAGs
February 2018



Various types of areas

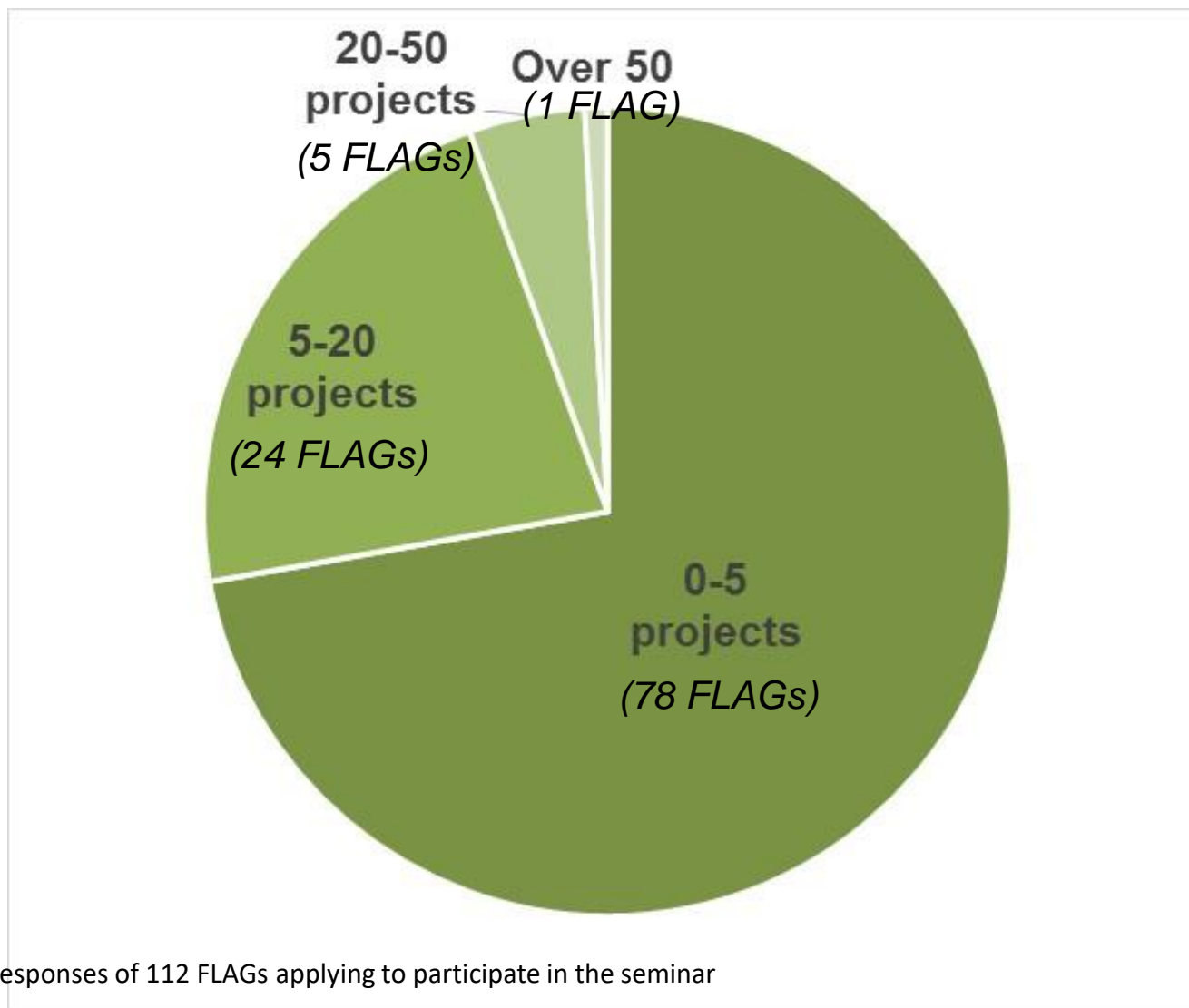


Great diversity of aquaculture in FLAG areas



Based on the responses of 112 FLAGs applying to participate in the aquaculture seminar
In many areas aquaculture coexists with fisheries

No. of FLAG-supported projects dedicated to aquaculture



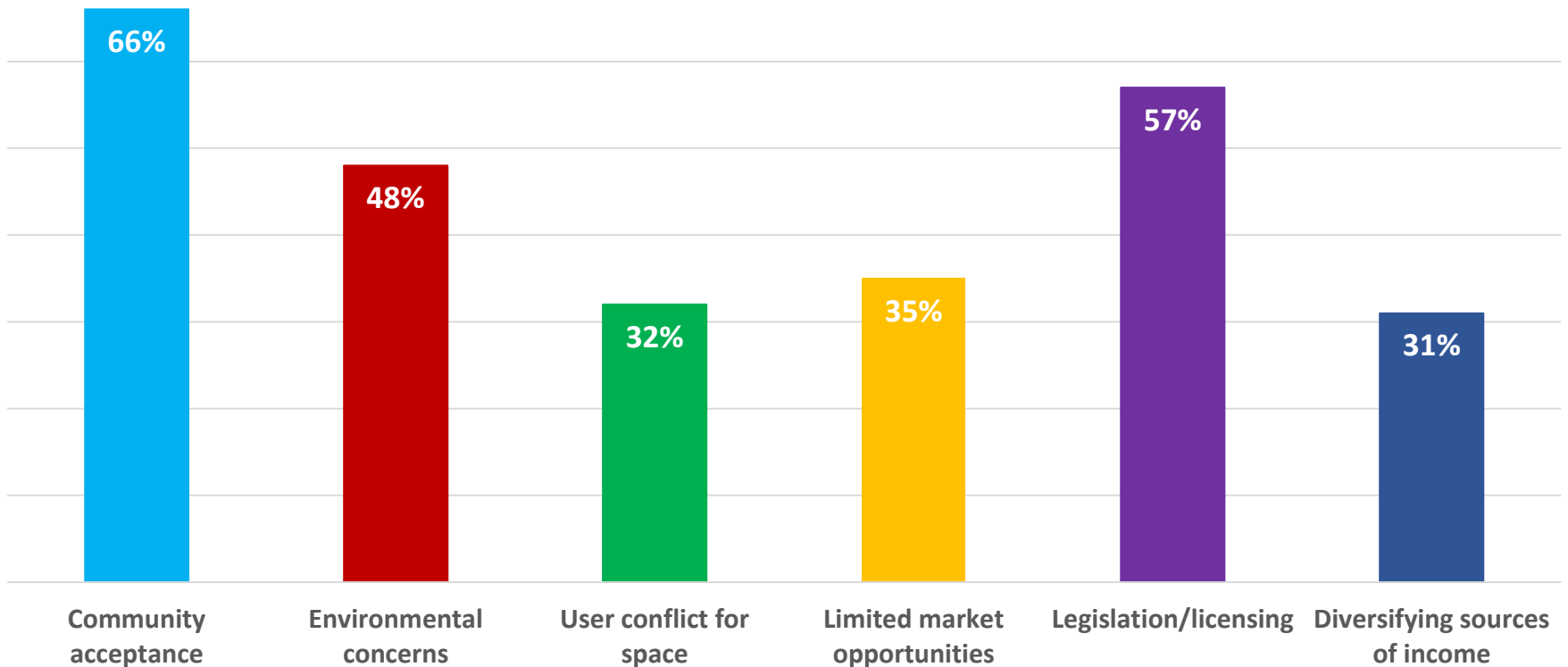
Based on the responses of 112 FLAGs applying to participate in the seminar

Key challenges faced by aquaculture producers in FLAG areas

(from discussions at the FARNET seminar, November 2017):



No. of responses: **94**



Other challenges identified in the discussion: protected predators (mainly cormorants), lack of adapted funding mechanisms

What can FLAGs do to help?



- Promoting consumption of products coming from local (sustainable) aquaculture
- Facilitating linkages with other actors in the community (e.g. gastronomy & tourism) and with research
- Capacity building for producers to improve product quality and environmental impact
- Raising awareness about aquaculture products, starting with children and youth
- Help producers to influence decision-making (local & national levels)



Some examples of CLLD projects supporting Aquaculture



Building the area's identity around aquaculture

Tirschenreuth FLAG, Germany

- Valorising the 800 years heritage of carp ponds (fisheries museum, educational aquarium, viewing platform)
- Mobilising a large number of partners
- Support to fish farmers to gain extra income from sustainable tourism attracted by high natural value of ponds
- Promotion of fish consumption (training for chefs, recipes, events & festivals, promotional material)



Helping oyster farmers to detect toxic algae



Pyénées-Méditerranée FLAG (FR)

- Oyster farmers struggling with toxic algae in high demand season
- Collaboration with a biotech company and local authorities
- Cost-effective and easy to use testing methods
- Help farmers anticipate toxic proliferation and decide for an early harvest to avoid economic losses



Addressing water quality



Bytów Lake District FLAG, Poland

- Supported an entrepreneur who developed his own method of water quality testing and purification
- Purchase of mobile laboratory for on-site measurements
- Aquamar: a biological method of purification, more environmentally friendly and 5-6 times cheaper than chemical methods, patented in 2011

Organic certification of carp products



East Oberlausitz FLAG, Germany

- Overhaul of production methods (i.a. to address issues of diseases)
- Develop new range of fresh and smoked carp products
- Common branding, promotion and marketing
- Stimulated cooperation between producers, with retailers and consumers, created 1 job

Duckweed for fish feed

Kainuu-Koilismaa FLAG, Finland

- Capturing nutrients from a fish farm to produce local protein ingredients (*Lemna minor*)
- More environmentally-friendly and cost-effective fish farming
- Partners: fish farm, feed producer, LAG (funding) and FLAG (funding, expertise)
- Project in the pilot phase, feed recipes to be tested

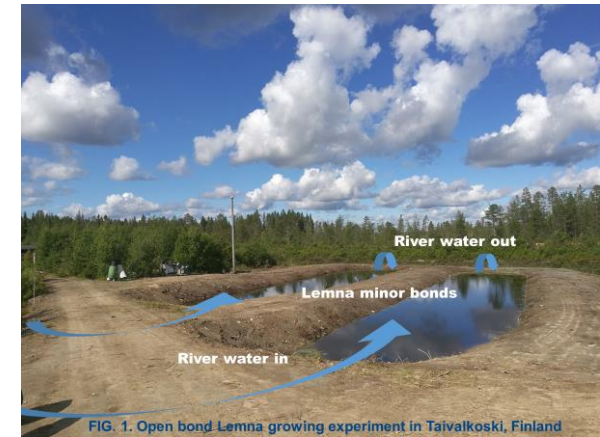


FIG. 1. Open bond Lemna growing experiment in Taivalkoski, Finland

Awareness raising, starting with the young



Opole Region FLAG, Poland

- Training on how to cook local fish (carp and trout)*
- Cookery classes for gastronomy school students (6 courses) and for chefs (10 courses)
- Strong role in the FLAG of the Polish Anglers' Association, cooperation with the local LAG (rural development)

*Poland has one of the lowest fish consumption per capita in Europe, and it is moreover highly seasonal

Enabling a voice in developing a protected area



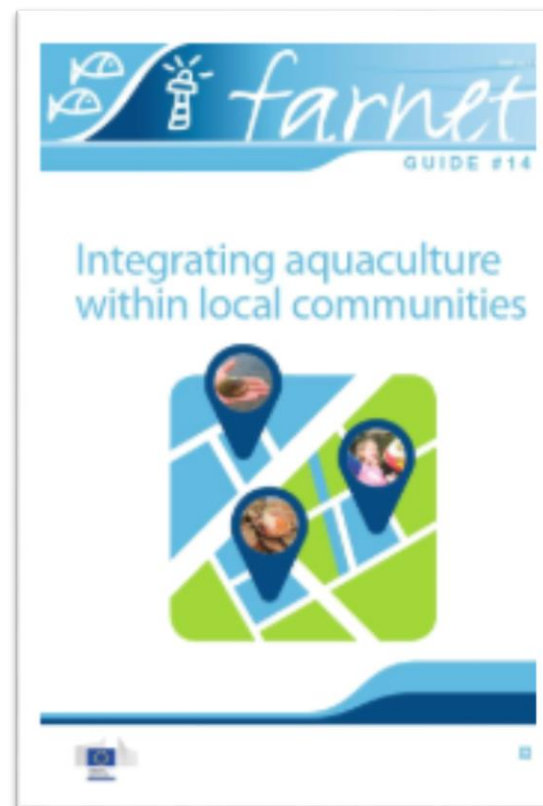
Marennes-Oléron FLAG, France

- Supported fishermen and aquaculture producers to take part in developing a Marine Natural Park
- Hired a coordinator to represent the sector's views and ensure good information flow
- Several concerns of the sector were taken into account when designing the MNP

More info about ...



- What can the FLAGs do for aquaculture producers?
- What can aquaculture contribute to the development of the FLAG areas?





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Thank you! Any questions?

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