

EXPECTATIONS AND STRATEGIC OBJECTIVES OF THE AQUACULTURE STAKEHOLDERS

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INTRODUCTION TO THE AAC

❑ **ADVISORY COUNCILS = BODIES OF EUROPEAN INTEREST**

(EU Regulation 1380/2013 on the Common Fisheries Policy, Annex III)

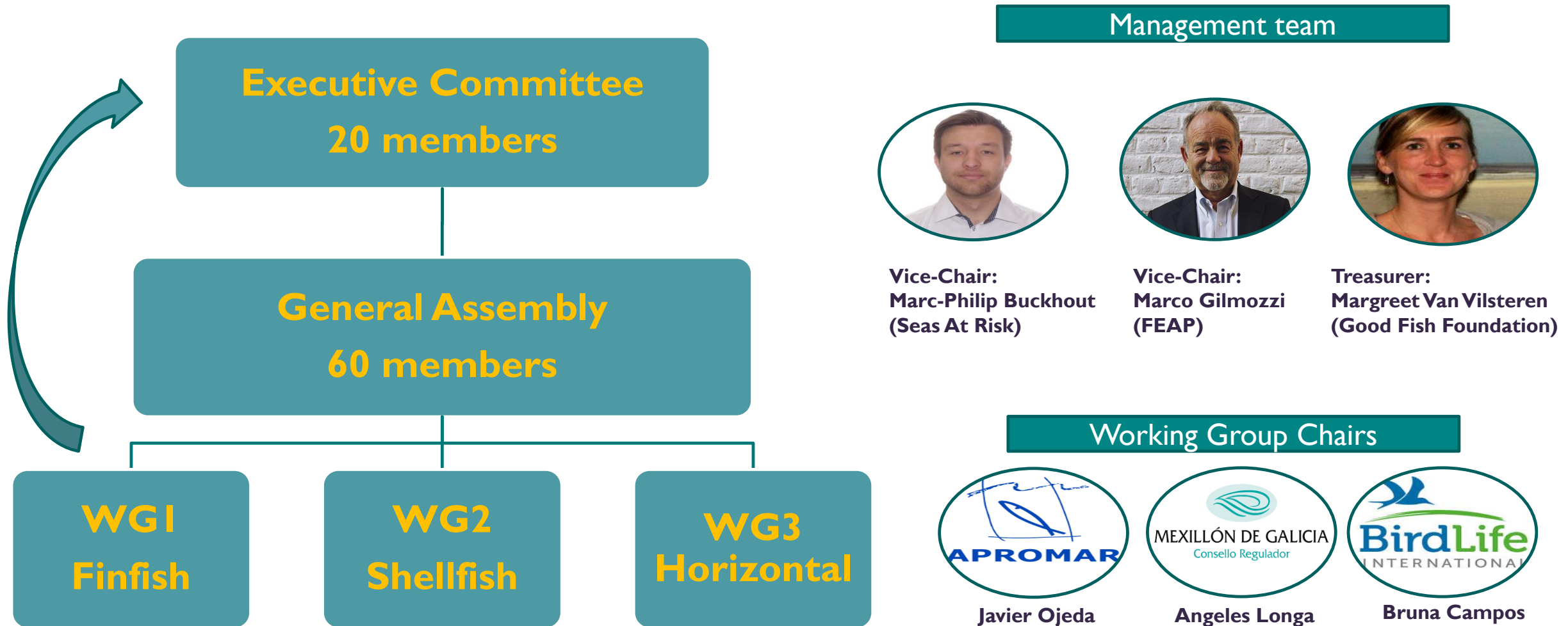
- Advice to European Commission and Member States
- Any new legislative, regulatory or legal measure at European or national level relevant to its objectives
- European Commission financial assistance

❑ **A EUROPE-WIDE ADVISORY COUNCIL**

- 60% – Industry (producers, feed, veterinarians...)
- 40% - other interest group e.g. environmental NGOs



AAC STRUCTURE



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No official AAC position on this topic.



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I. Satellite and real time data

- Move from retro-active measurement positions towards real-time monitoring and more regular site assessment
- Integration of automated surface/aquatic measurement (sensors) with satellite measurement
- Data that can support/replace expensive environmental monitoring and impact assessments



Credits: Leo Kirchmaier



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II. Predictive and analytical tools

Convert 'big data' into trends and predictive analytical tools

- Tool much needed to confront noticeable effects of climate change (e.g. ClimeFish & CERES projects) on aquaculture
- Model of “Phytoplankton evolution forecast” for the shellfish sector
- Sound basis for environmental policy decisions



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Ex: Evaluating shellfish stocks with new available data

- Find the right scale: high-altitude drones could deliver useful information that is currently not available
- For the shellfish sector, difficulty to evaluate the stocks – Incidence on prices definition and volatility
- Relevant information for the environmental policy assessment too



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III. Assess the impact of aquaculture on the environment

- Monitoring of ecological impacts – including surveying species population and changes in habitats
- Data on disturbance & displacement effects of aquaculture farms on protected species
- Data on derogations for shooting protected species per country/per region
- Data on nutrient input into ecosystems per farm
- Data on plastic input into ecosystems per farm
- Data on escapees per farm



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IV. Accessible and public data

- Open access
- Accessible for all users
- Available in several languages.



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INVITATION to discuss in the framework of the AAC:

- Can you measure and supply those data?
- Best instruments to be developed according to stakeholders needs?
- Accessibility of data



THANK YOU!

For any inquiries:

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