

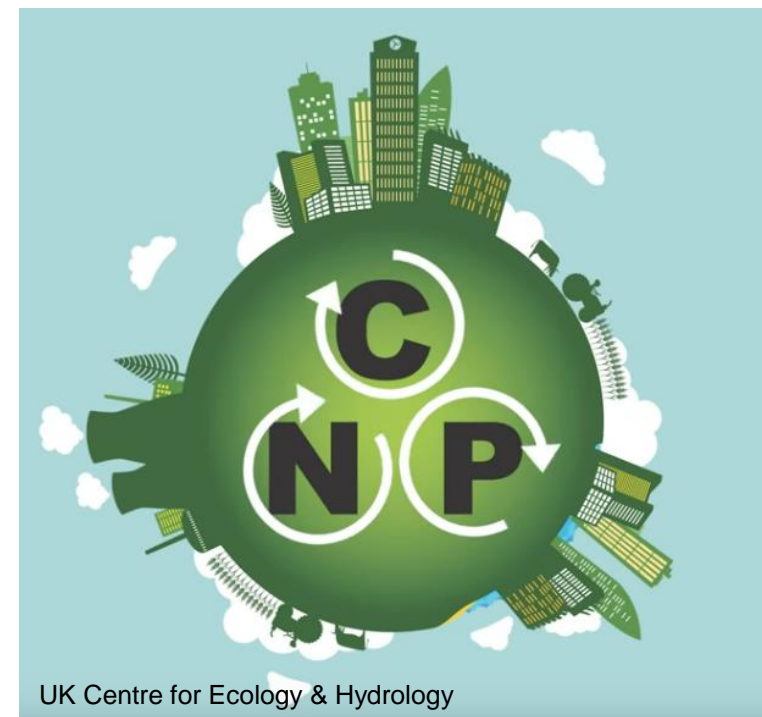
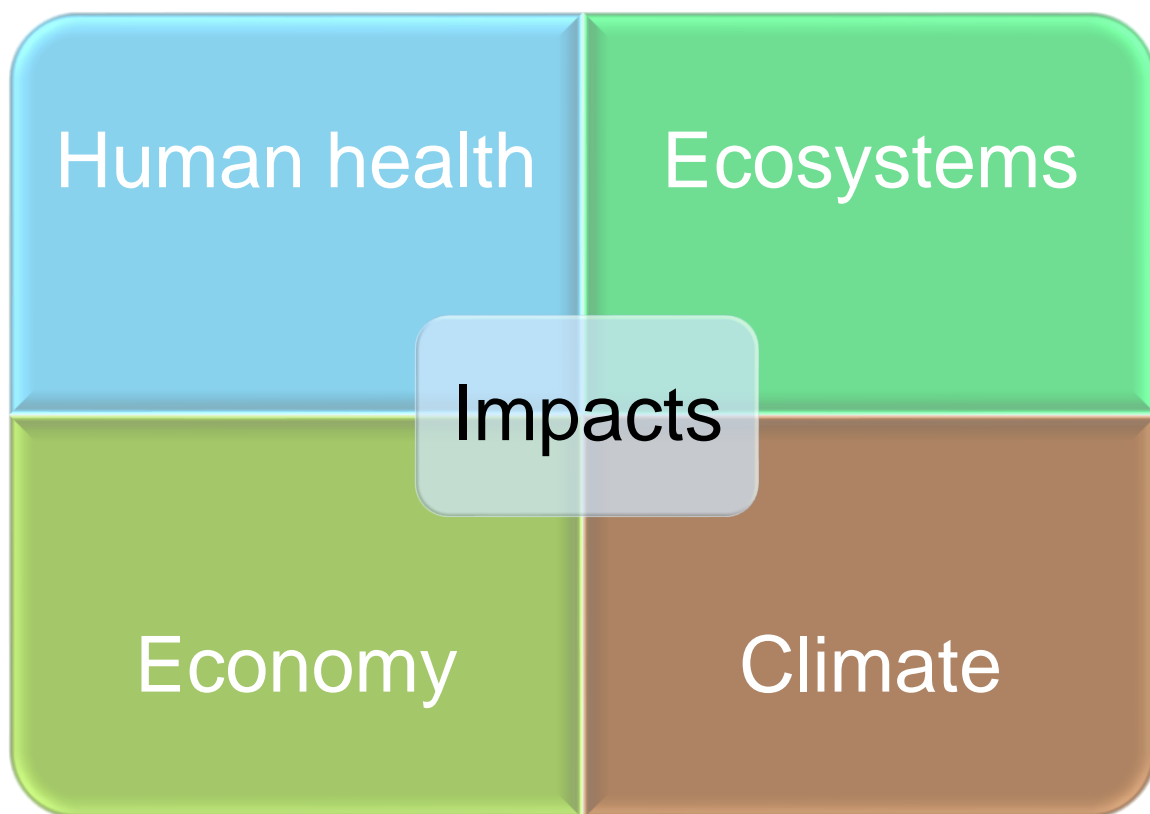


# Nutrients management – action plan

Aquaculture Advisory Council  
WORKING GROUP 3 Meeting  
Thursday 5 October 2022



# Human activities have altered the Carbon, Nitrogen and Phosphorus cycles

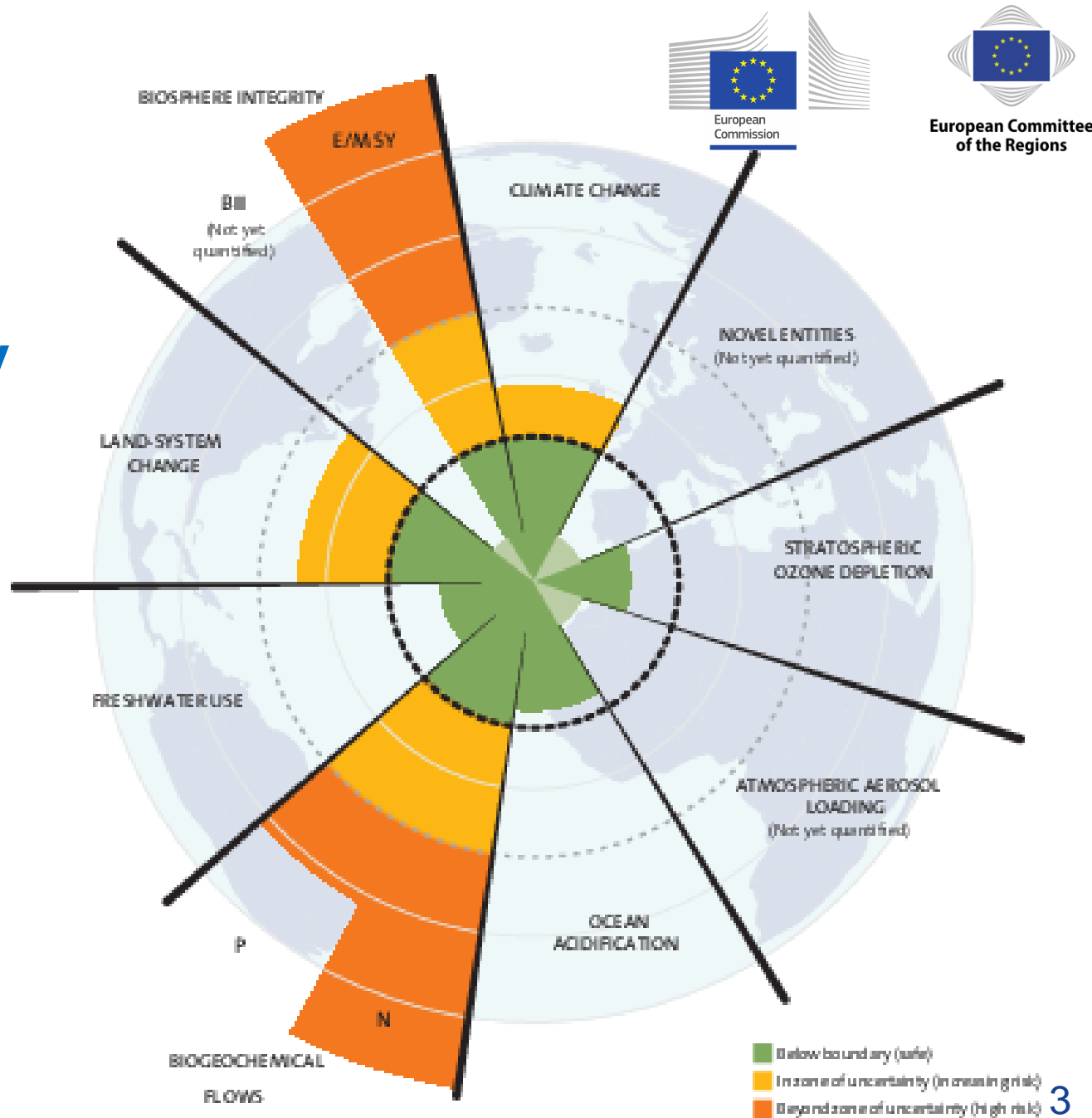




# Nutrients have transgressed planetary boundaries

In Europe, nitrogen and phosphorus are exceeding safe planetary boundaries

- for N by a factor of 3.3
- for P by a factor of 2







# INMAP

Circular economy  
action plan

Biodiversity  
strategy

Farm to fork  
strategy

Integrated Nutrient  
management  
action plan

reducing  
nutrient losses  
by at least  
50% by 2030

Ensuring that  
there is no  
deterioration in  
soil fertility

Resulting the  
reduction of use of  
fertilisers by at  
least 20%





Long-standing EU legislation has tackled nutrient pollution in the fields of water, air and industrial emissions, but harmful levels persist

The INMAP will look at:

- shortcomings in legislation
- implementation gaps
- integrated approach on nutrient pollution encompassing air, water, soil and climate







# The INMAP aims to:

- ensure sustainable application of nutrients
- address nutrient pollution at source
- increase the sustainability of agriculture and other sectors, and
- focus efforts on nutrient pollution hotspots





# Areas of intervention

Reducing nutrient losses the source

Reviewing legislation and maximising compliance

Sustainable food production and consumption

Nutrient recycling

Research & development

Monitoring and reporting





# Stakeholder consultation

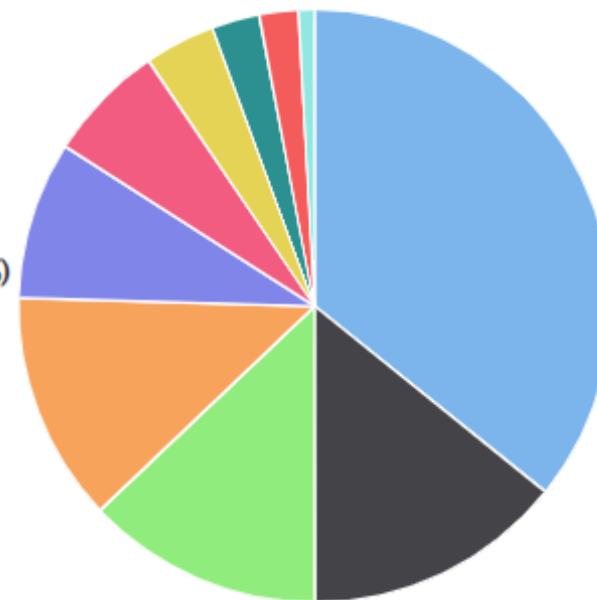


## Call for evidence

- 70 feedbacks received

## Open public consultation

- 23 May - 26 August
- 232 replies received







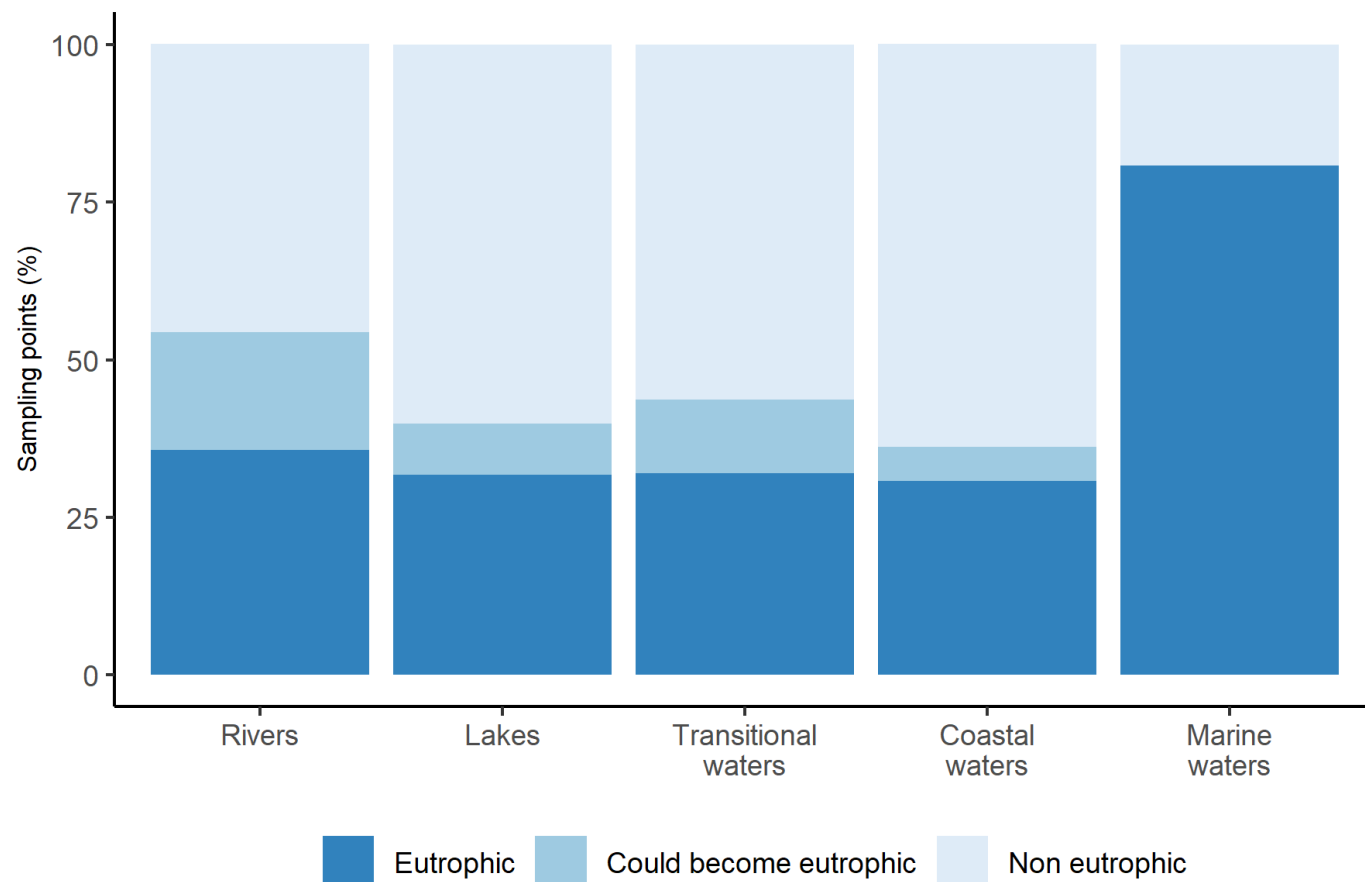
# Next steps

- Preparations are ongoing.
- Adoption originally planned for 2022 but the exact date is uncertain (could be early 2023).
- The Commission always remains open to input.





# Relevance for aquaculture



2016-2019:  
trophic status of  
surface waters  
(reporting under  
Nitrates Directive)



# Relevance for aquaculture



- Aquaculture benefits greatly from clean marine and freshwater environments
- Aquaculture may contribute to nutrient pollution in some cases
- Aquaculture can provide innovative solutions supporting a sustainable recycling of nutrients





# Thank you

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