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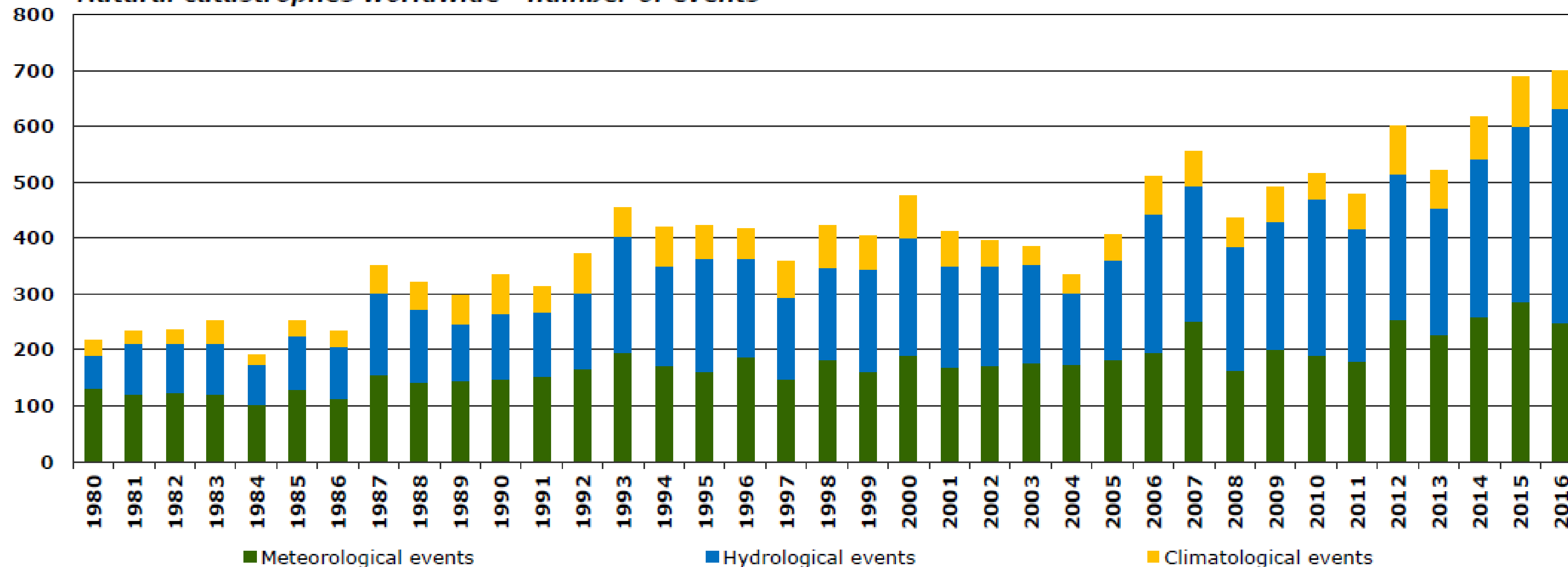
Maintaining the derogation changes needed



WORLDWIDE EXTREME WEATHER EVENTS



Natural catastrophes worldwide - number of events



Meteorological events: Tropical storm, extra-tropical storm, convective storm, local storm
Hydrological events: Flood, mass movement
Climatological events: Extreme temperature, drought, forest fire

Source: © 2017 Münchener Rückversicherungs-Gesellschaft,
Geo Risks Research, NatCatService (January 2017)

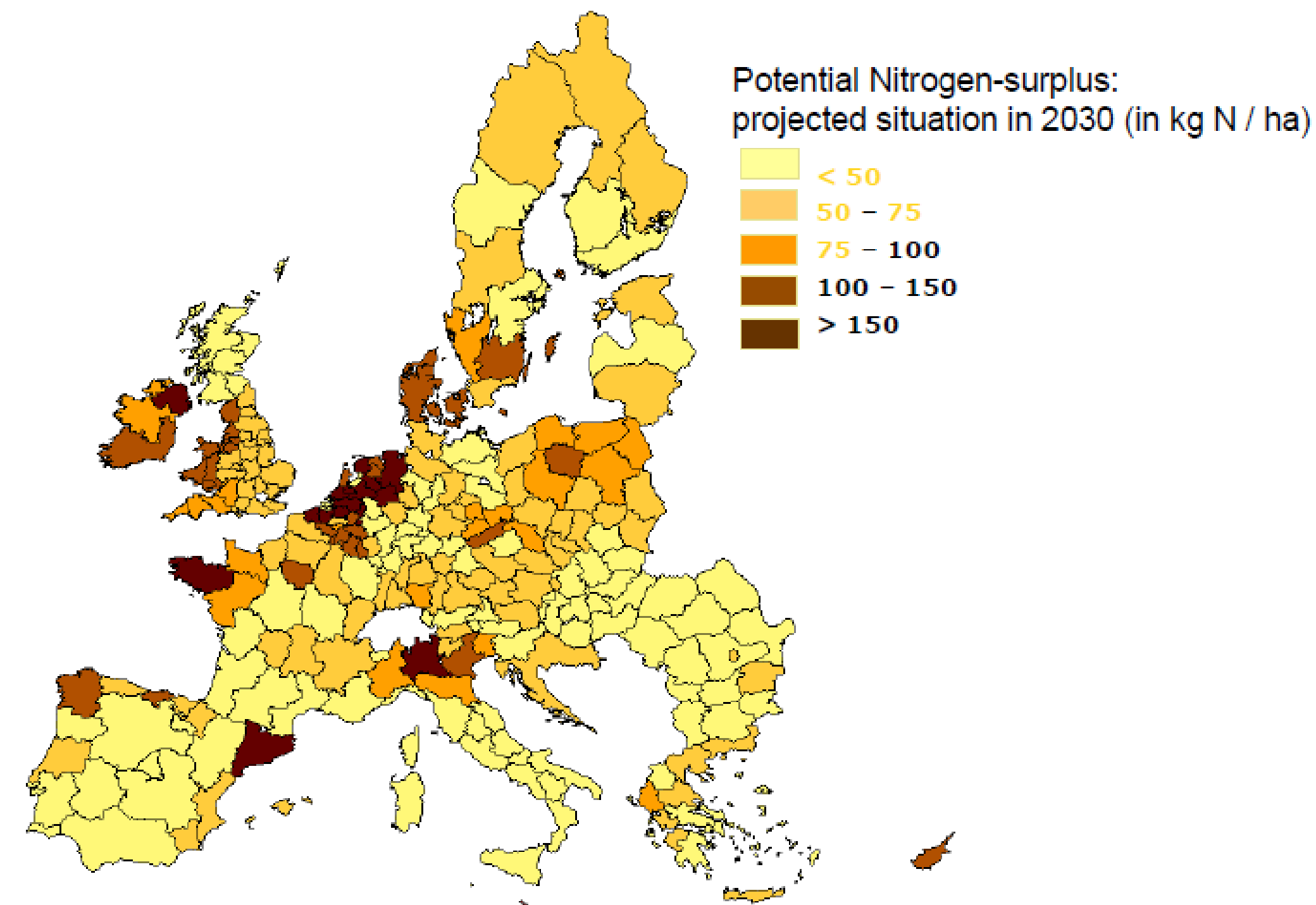




CHALLENGES



Projected pressure on the environment due to potential nitrogen surplus in 2030: different impact across the EU



Source: JRC based on the CAPRI model baseline as presented in the DG AGRI 2017 outlook report.



Policy guide



SYSTEMIC
MESSAGES

TOPIC
MESSAGES



Environment and Health & Wellbeing

Recognition of the benefits of a good quality environment to health and wellbeing.



Climate Change

Accelerate mitigation actions to reduce greenhouse gas emissions and implement adaptation measures to increase our resilience in dealing with adverse climate impacts.



Implementation of Legislation

Improve the tracking of plans and policies and the implementation and enforcement of environmental legislation to protect the environment.



Restore & Protect Water Quality

Implement measures that achieve ongoing improvements in the environmental status of water bodies from source to the sea.



Nature & Wild Places

Protect pristine and wild places that act as biodiversity hubs, contribute to health and wellbeing and provide sustainable tourism opportunities.



Sustainable Economic Activities

Integrate resource efficiency and environmental sustainability ideas and performance accounting across all economic sectors.



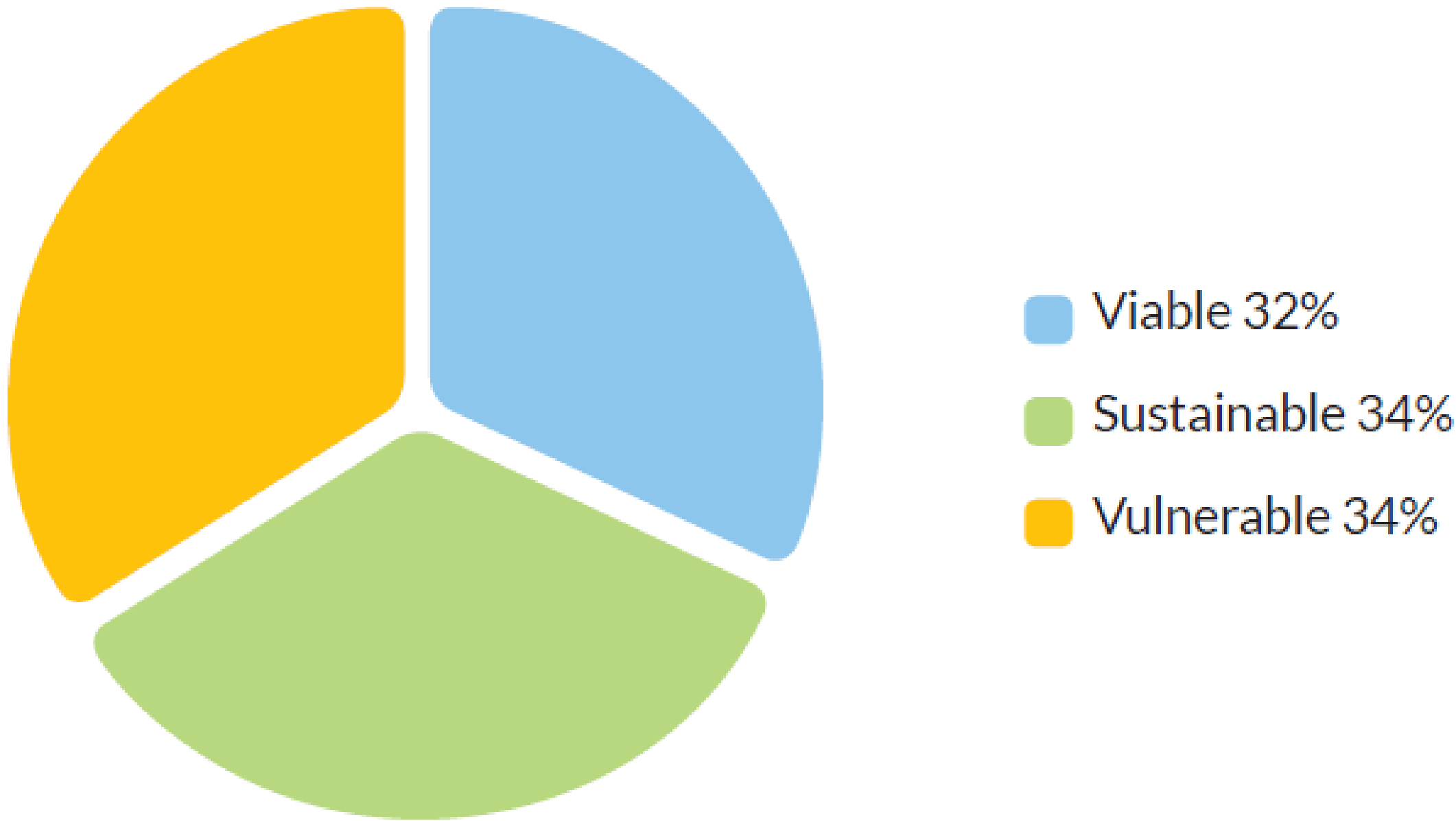
Community Engagement

Inform, engage and support communities in the protection and improvement of the environment.

Annual review and outlook

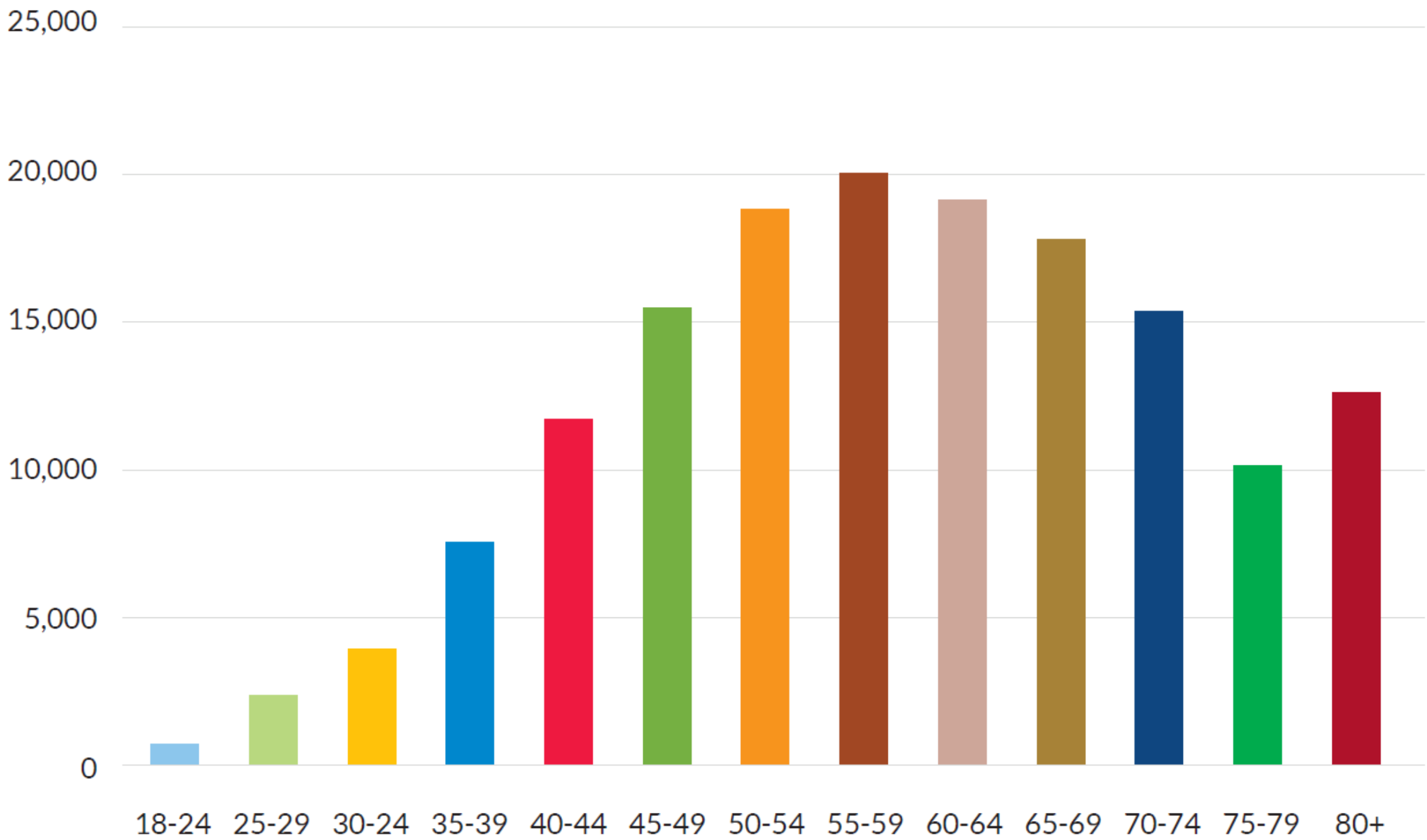


Figure 2.7 Viability of National Farm Survey Farms, 2018



Source: Teagasc, National Farm Survey 2018

Figure 2.15 Age profile of Department of Agriculture, Food and the Marine clients, 2018



Source: Department of Agriculture, Food and the Marine

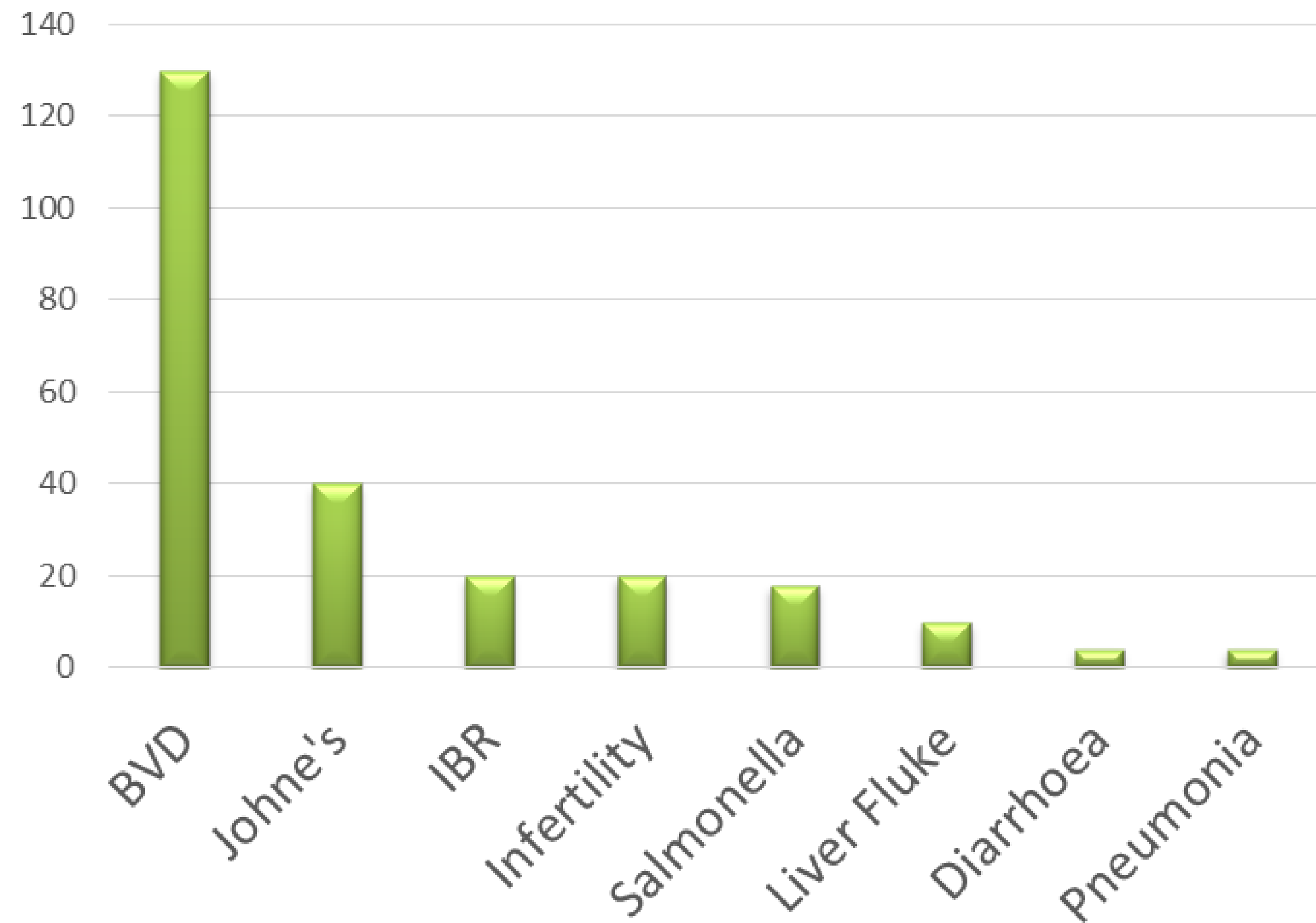
Soil



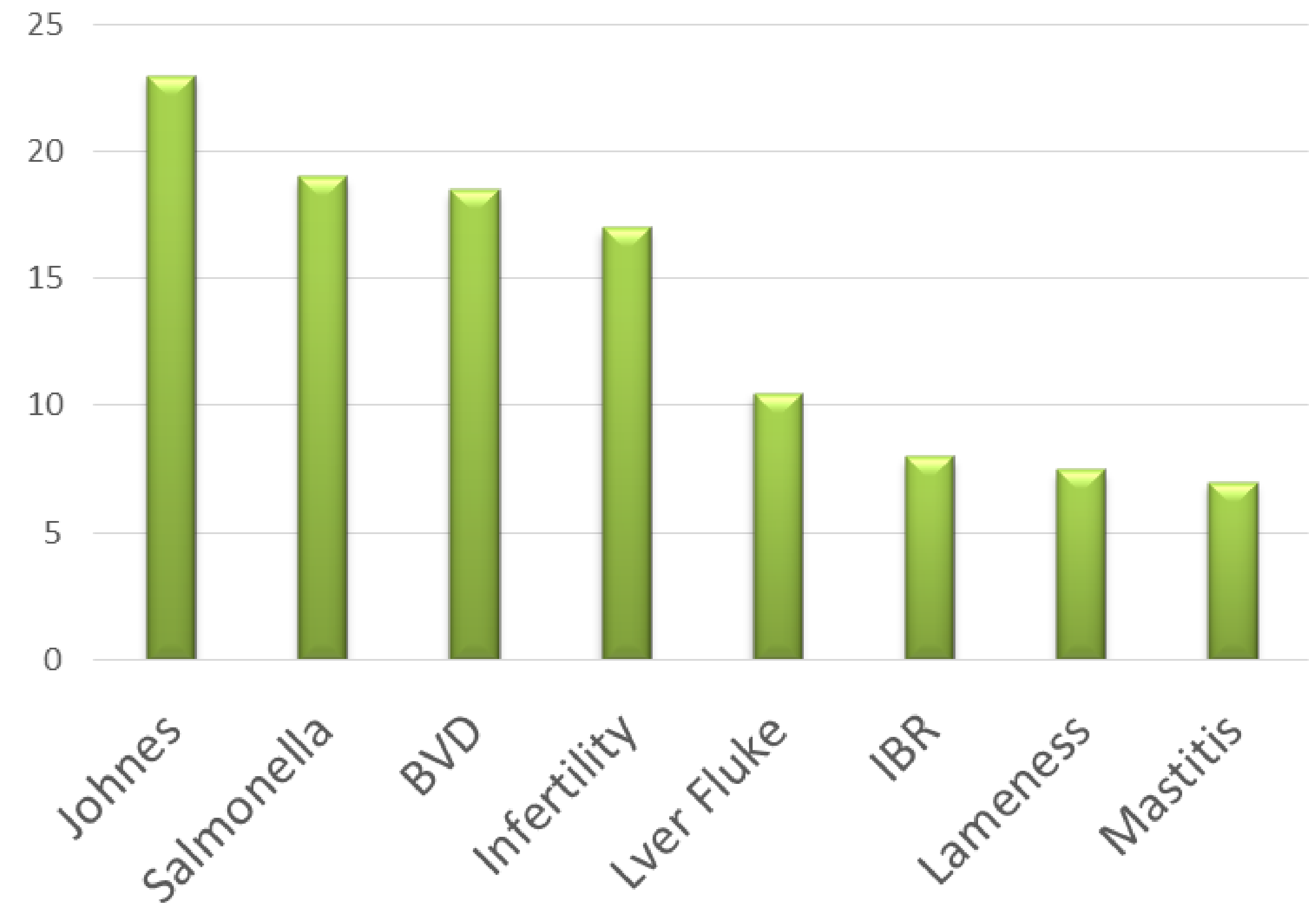
Poor animal health- % ↑ in CO₂e



Beef



Dairy



Biodiversity

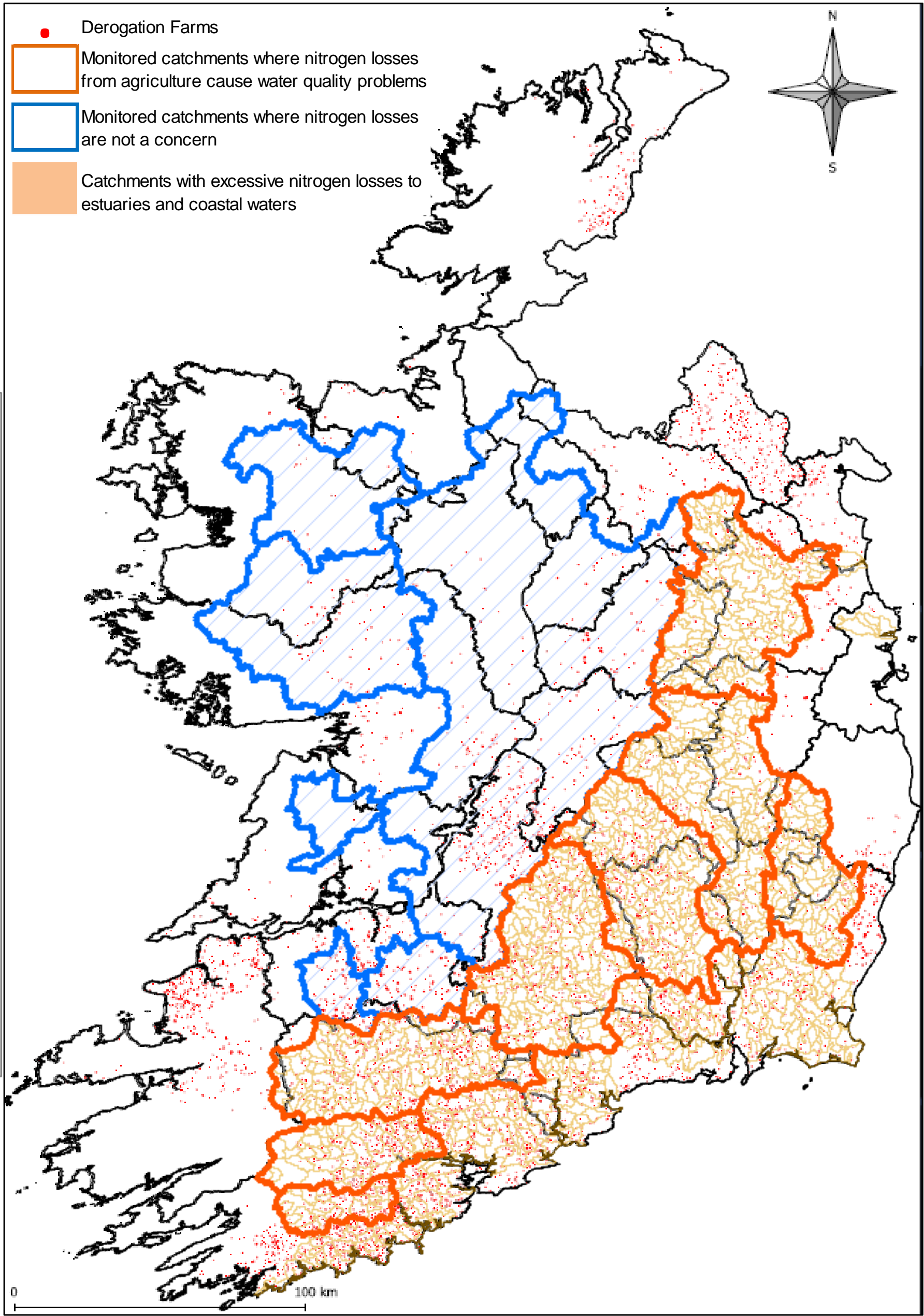
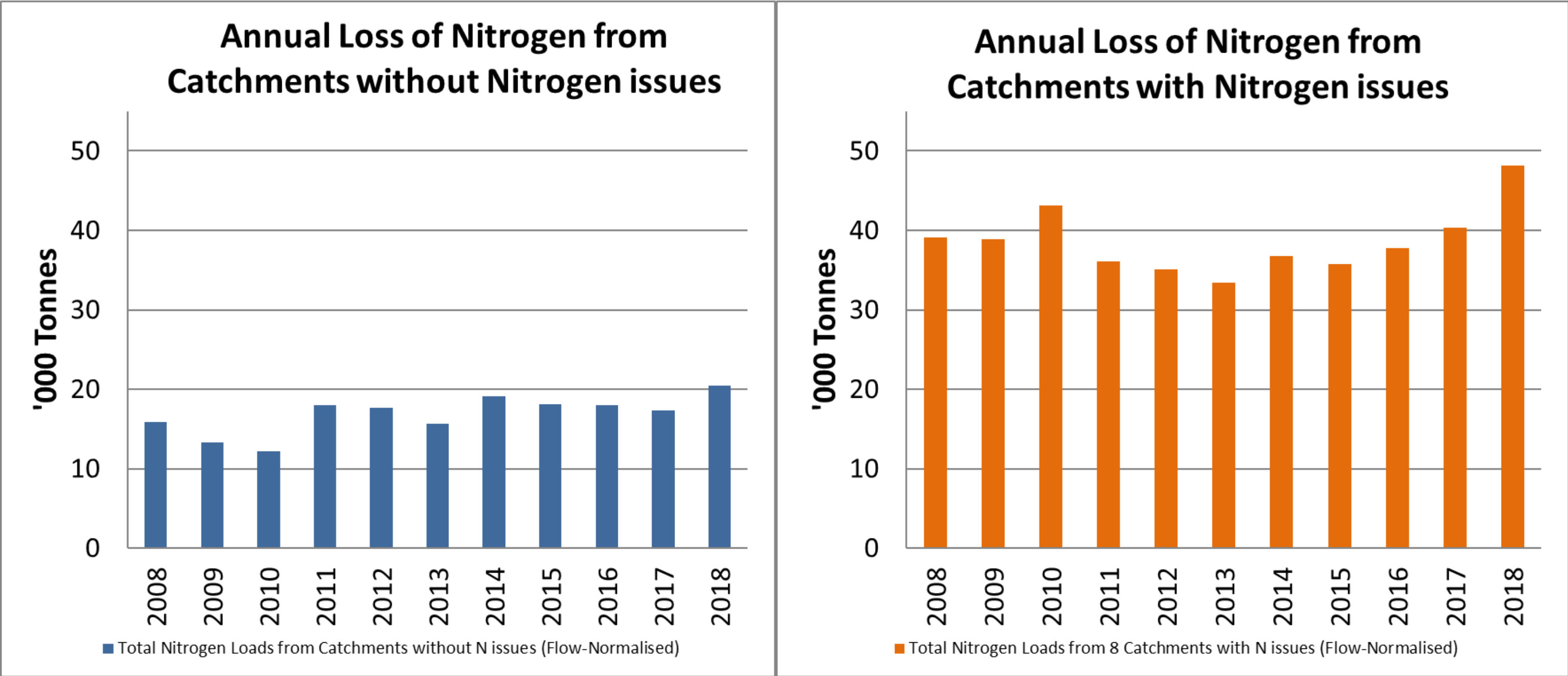


Pressures from agriculture

- Land use
- Habitat loss
- Pollutants
- Sediment



Nitrogen losses to water (EPA 2019)



4th Nitrates action programme (2018-2021)



Main measure to prevent pollution of water from agricultural sources under the WFD



Derogation review 2019



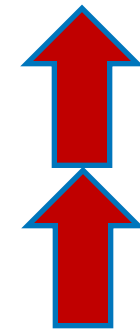
Agriculture & the environment



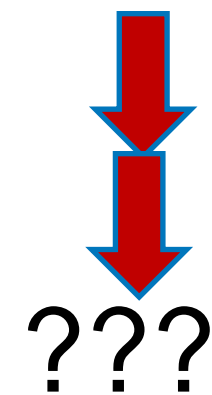
- Animal numbers ???
- Fertiliser sales and trends ???



- Greenhouse gas emissions
- Ammonia emissions



- Biodiversity
- Water quality
- Soil health

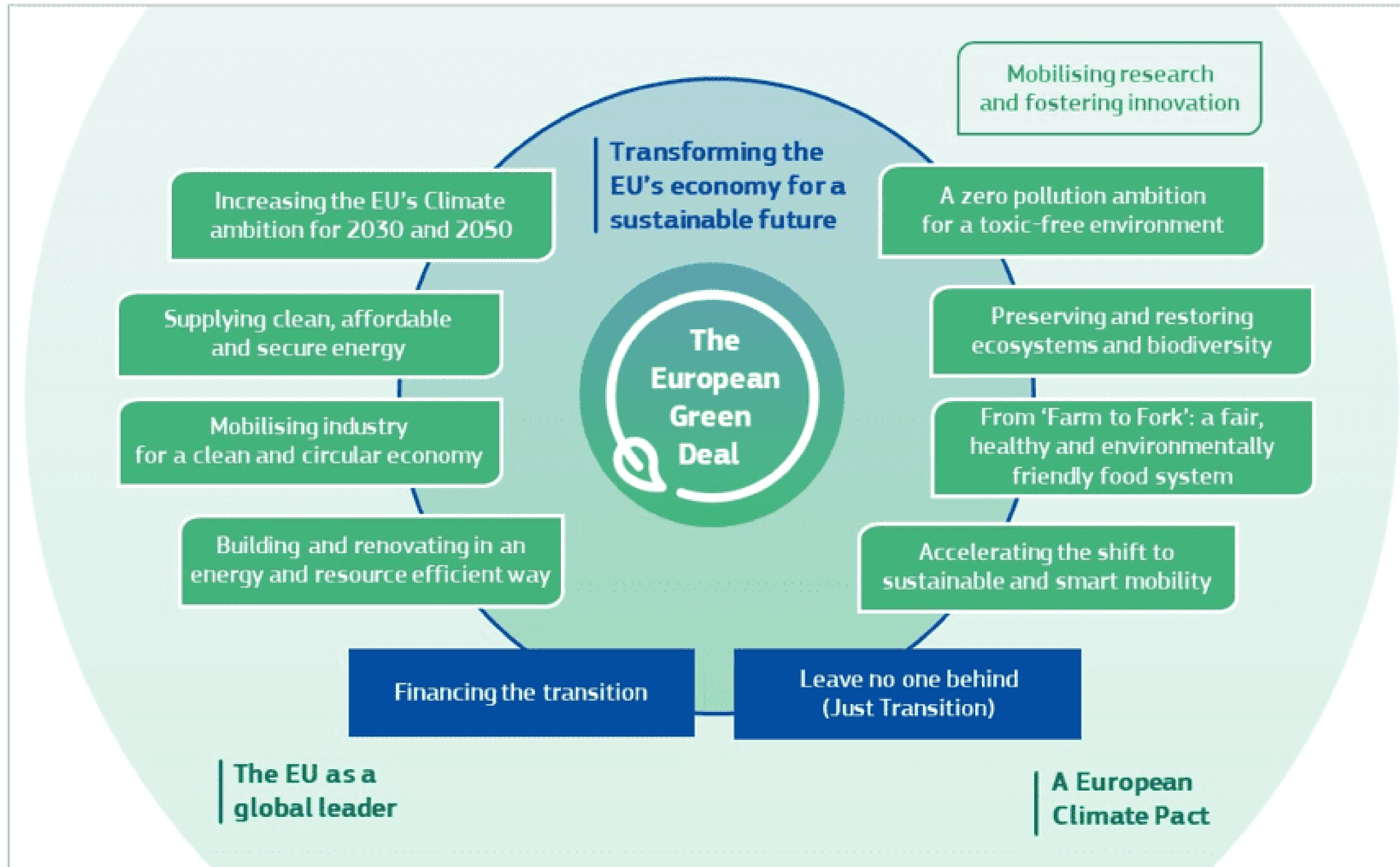


- Social license

???



Policy proposals



Conclusions



Reduce nitrogen



Collaborate



Stay healthy

