



PRIORITISING NITROGEN THREATS AND BENEFITS

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AIMS

- To find an acceptable procedure to prioritise Nitrogen related issues
- Establish what this means for INMS modelling system

STEPS IN OUR DISCUSSION

1. General criteria for setting priorities
2. Actual scoring: how do deal with priority setting in practice as individuals (using different perspectives)
 - Conclude to stick with WAGES_FE (and not further condense to Climate, Ecosystems and Health – CEH; I liked Rob's acronym)
3. Identify linkage with 20+ specific issues in ENA/Saltsjobaden: we did not miss too much
4. Identify new issues
5. Implications for INMS modelling

CRITERIA FOR SELECTING ISSUES:

1. The issue is already recognised as a global (or regional) policy issue, unsustainable (but allowing for emerging new issues)
 - priority will be given to global or universal issues
2. Tackling the issue will have clear benefits (not necessarily monetary)
3. Tackling the issue will entail co-benefits and no dis-benefits
4. Including the issue will decrease barriers to tackle nitrogen

-WAGES_FEN TABLE-

	W	A	G	E	S	F	En
EU averages	4.2	5.2	5.8	4.9	1.8	2	4.6
Asia	4	5.5(makes a lot of news)	5.5	1 (only discussed by academics)	2	7	3
Africa	6 (do not have water treatment)	3 (local issues)	1 (seen as a problem for developed countries)	5 (people can see the changes)	4 (where you grow food, need to think ecosystem first)	7 (for Africans to listen he must mention food)	2 (public perception is low)

MISSING ISSUES THAT SHOULD BE INCLUDED IN THE WAGES_FE CLUSTERS:

- Depletion of nitrogen (= *add to “soils”*)
- Ocean ecosystem services (fish, coral reefs, C-cycle) (= *add to “Water”*)
- Nitrogen deposition related diseases (allergies, malaria,..) (= *add to “Ecosystems”*)
- Unhealthy diets (obesity and other diseases linked to eating too much meat) (*add to ??*)

LINK WITH MODELLING

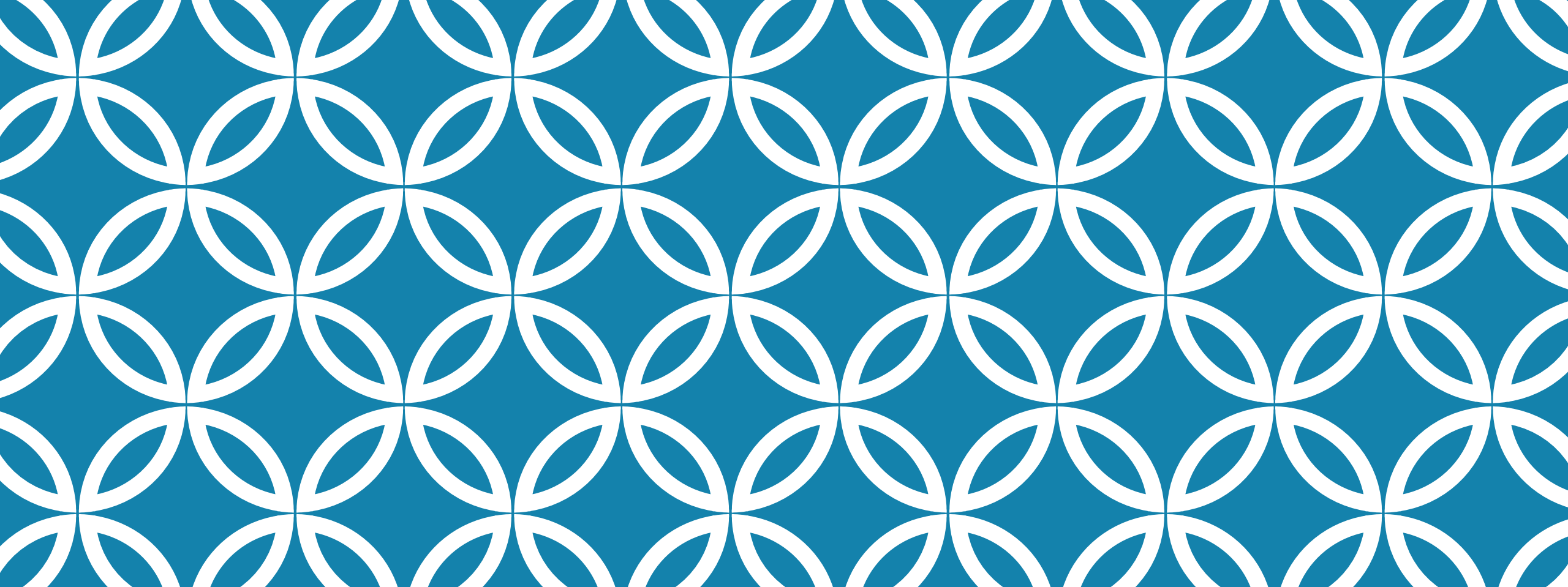
What additional modelling is required? Does INMS community have skills or are more partnerships required?

Need for stronger marine modelling

Need for stronger socio-economic modelling

(food prices, farm income, land use, buying power)

- Start from a BAU-projection with current regulation (link with SSPs)
- Assess feasible additional measures regionally, both technical and behavioural measures
- Assess potential of new emerging technologies (NO_x recycling, artificial meat/dairy, ..)
- Assess economic, institutional and psychological barriers



THANK-YOU

(Notes will be circulated)