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Eutrophication: the problem the best practice the way forward

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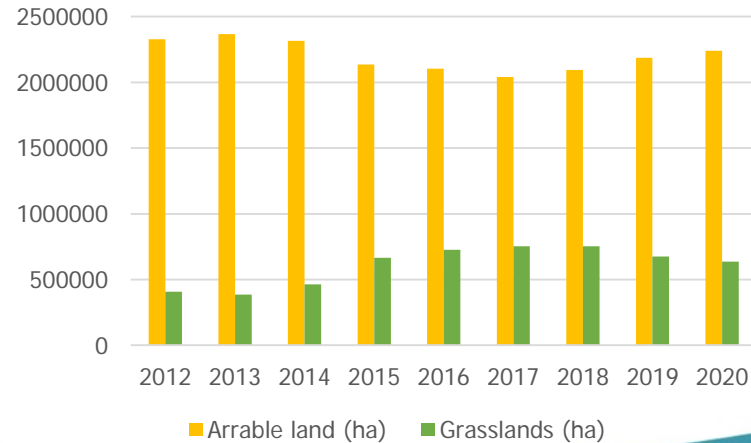
European
Commission

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European Common Agricultural Policy – the root cause of Baltic eutrophication?

Dominating agricultural practice: share of arable land and grasslands in Lithuania



Nurturing soil and preventing eutrophication by restoring and maintaining Baltic grasslands

restoring and maintaining grasslands and wetlands; extensive cattle grazing outdoors, short food supply chains, alternative food system



Inspiring examples of the LIFE projects on restoring grasslands/wetlands and promoting farming systems preventing eutrophication and providing socio-economic benefits



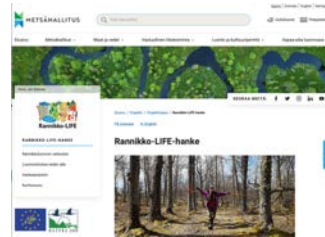
!!Special report coming soon: "Bringing nature back through LIFE"



GrassLIFE



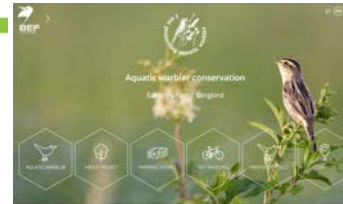
GoodWater IP



CoastNet LIFE



URBANCOWS



BalticAquaticWarbler



WetLIFE

Paludiculture – productive use of wetlands

Reduced nutrient run-off = better water quality

Other ecosystem services:

- Climate protection
- Often increased biodiversity;
- Increased landscape cooling;
- Increased flood protection;
- Increased groundwater storage.



Reedbeds
(building material)



Water buffalo wet pastures
(food and landscape conservation)



Cattail
(Building material)

Problem be solved: a lot of wetlands are not eligible for CAP payments

A way forward to address eutrophication

Involve scientific ecosystem modeling

+

Nutrient management at the river catchment level

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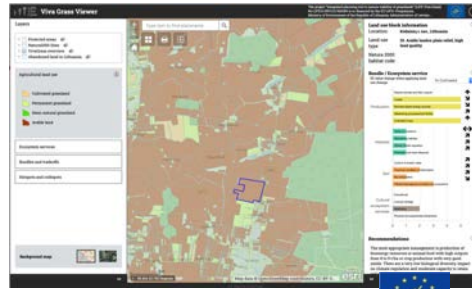
Linking modelling with CAP payments to encourage farming approaches with reduced leakages

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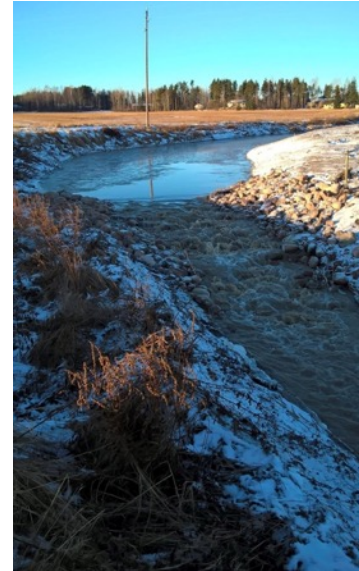
Apply nutrient run-off reducing techniques



Work of Catchment officers (Denmark)



Vivagrass.eu
Modelling scenarios in public administration's decision making



Nutrient management at catchment level. Farmers initiative at Tullstrop steam (Sweden)

Holistic drainage management (Finland)
Nutrinflow.eu project

THANK YOU