





What is a result-based payment scheme?

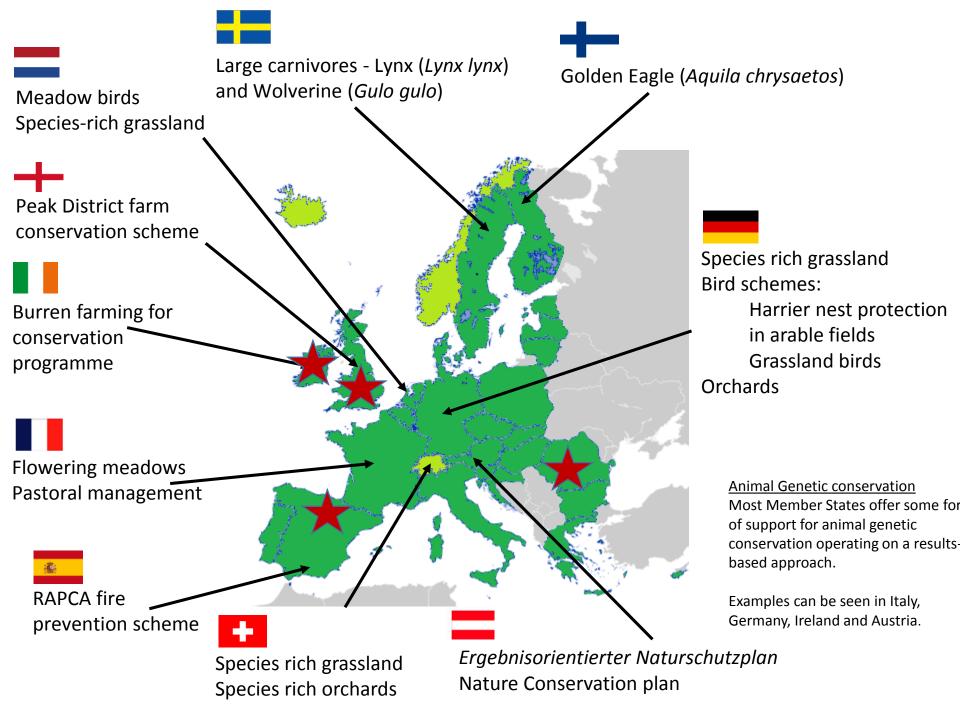
RBPS – Payments linked to results

MBPS – Payments linked to management

Hybrid – Part results / Part management

⚠ Not to be confused with performance-based approaches, outcome-based programming, payments for ecosystem services







Examples of RBPS AECM for soil and water

Water quality RBPS/MBPS hybrid (Flanders)

Objectives: reduce N leaching and soil erosion; increase organic matter

MBPS: 4 low risk crops on 90% of arable land; soil analysis in first year

Result Indicator: residual soil N each year in every field must be 4kg N/ha

< Flanders regulatory threshold

Efficient use of irrigation water (Portugal)

Objectives: improve efficiency and reduce consumption

MBPS: irrigation system used, inspection of equipment in years 1, 3 and 5

Result Indicator: measured water consumption at least 7.5% < National

Irrigation Authority reference level for crop and region



Effective indicators for RBPS

Checklist:

- Reliably representative of the specific objective and based on scientific data from the target area;
- Present consistently in target farmland area;
- Easily identified and measured by farmers and inspectors, using a simple, reliable and unambiguous method;
- Sensitive to changes in agricultural management within the timescale of the contract but otherwise stable over time;
- Unlikely to be influenced by external factors beyond the control of the farmer; and
- Not achieved easily by means other than agricultural management.







Recommendations for RBPS

- Being clear on what payments are for
- Longer contracts to see results
- Linking support to land not beneficiaries
- Compulsory training
- Pilot projects
- Forum for sharing good practice and experiences
- Guidance on the use of measure packages







What are multi-actor approaches for soil and water?

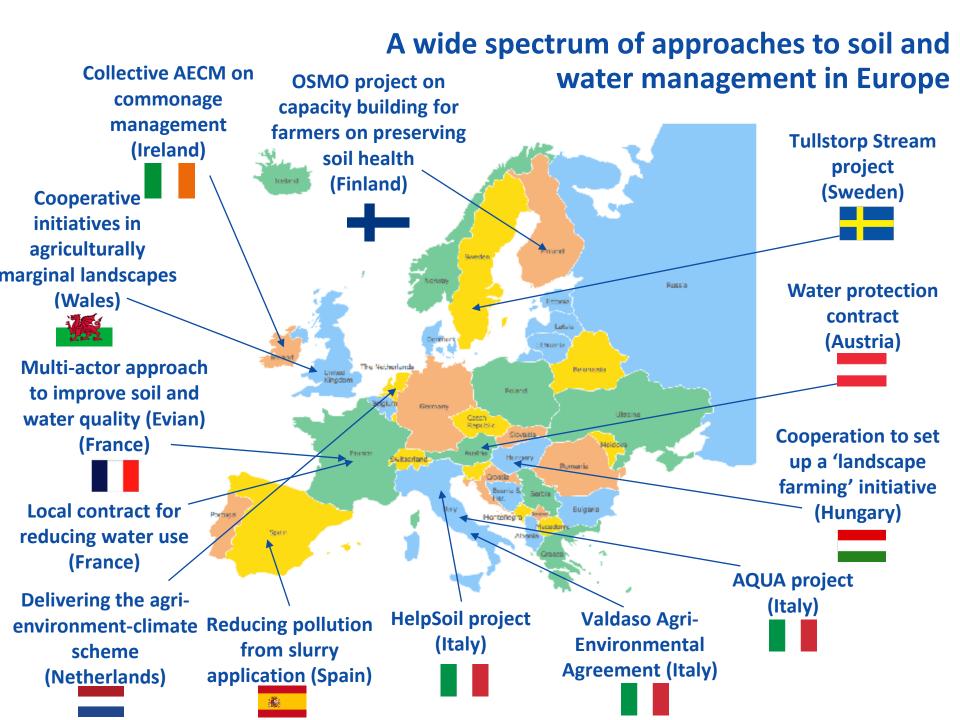
Multiple forms:

- Action designed and implemented collectively;
- Action developed through coordinated effort but implemented by an individual or a single organisation

Benefits:

- Achieving environmental improvements
- Improved understanding and changed behaviours







Example of successful leadership

Tullstorp Stream project (SE)

- Reducing the outflow of nutrients into the Baltic Sea by soil erosion and flooding
- Use of RDP measures: non productive investments, AECM and cooperation
- Project leader was primarily a farmer
- Trusted by the local community of landowners
- 35 wetlands created, restoration of 9 km of riverine systems, and dissemination



Tullstorp Stream project (Sweden)



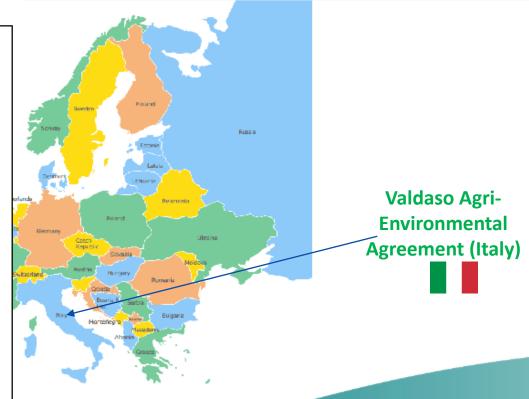




Example of good governance structure

Valdaso Agri-environment agreement (IT)

- Collaborative agri-environmental agreement for water protection and soil quality;
- Use of RDP measures: AECM, organic farming, knowledge transfer, cooperation
- Grass-root initiative by farmers, paired up with local municipality as trusted partner
- Involved more than 100 farmers and 19 municipalities
- Improved water protection and soil quality by establishing integrated agriculture and organic farming across 9000 ha















Supporting participation and leadership

- Selection criteria that are result-oriented and require broad participation
- Funding for focused extension services
- Flexible funding streams for local initiatives

Supporting good governance and innovation

- Encourage innovation
- Collect and exchange of best practices and pilot projects



Ensuring appropriate financing

- A two-stage approach for funding
- Designing selection criteria for collectives under both Cooperation (M16) and AECM (M10)
- Allocating higher proportions of transaction costs to agreements involving groups
- Explore other funding sources to complement RDPs (e.g. InvestEU)
- Facilitation to be an eligible cost for the duration of schemes
- Ensure existing collectives or groups in an area (e.g. local associations, NGOs, LAGs) have access to funding







Nutrient management plans

- Nutrient management needs
- Specific actions, rates, times
- Farm-level but can be broader (NVZ)

- Beyond the legal requirements to:
 - Support & incentivise the development of plans;
 - Provide a more systemic approach to soil & water management;
 - Identify RDP measures to support *plan implementation*;
 - Provide advice and training





Nutrient management plans and the reference level (2014-20)



M10.1.4 (sustainable agroindustrial crops) farmers must carry out soil analysis in order to establish a program of fertilization appropriate to the needs of the crop, adjusting the doses and achieving a more sustainable crop.



Estonia

M10.1.1 Crop rotations and minimising pesticide input is supported.

M10.1.2 – (in NVZs support for regional water protection). Required water protection training.

M10.1.3 – (regional soil protection) aims to prevent nutrient leaching M10.1.4 (Env-friendly horticulture) aims to prevent nutrient leaching



Austria

M10.1.16 (preventative groundwater protection) includes 'Plans and records on fertilisation and soil sampling'.
Objectives to:

- Reduction of nutrient discharge into ground and surface water through:
 - modified cultivation of arable land in regions that are vulnerable by high nitrate concentration;
 - maintaining grassland in regions with a high soil value and endangerment of ploughing
- Training of farmers on the relationship between fertilisation and nitrate concentration in water bodies, and through soil sampling

Reference level

SMR:

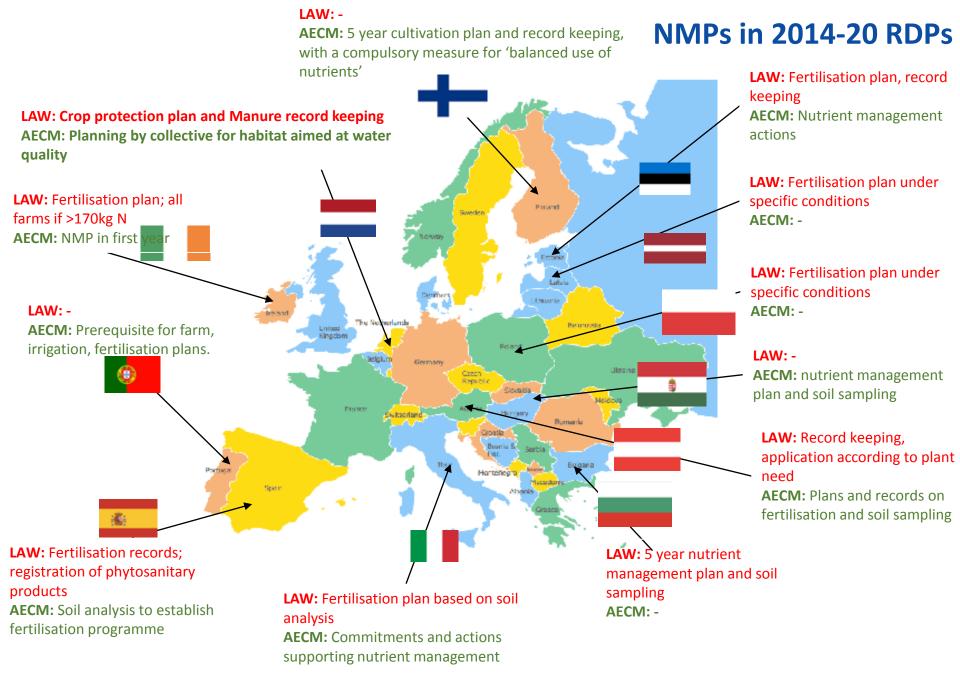
- 1 Record keeping for fertilizer application
- 4 Registration of phytosanitary treatments
- 10 Appropriate use of phytosanitary treatments

Fertilisation plan required as a condition of entry into the AECM 10.1.1 is in keeping with the requirements of the Estonian Water Act.

Record keeping is also part of the Water Act requirements. Minimum requirements set out in national law on use of fertilisers and pesticides in keeping with Nitrates& SUP Directives

Required under law

Support through RDP







Adding value to soil and water management

- SMPs to holistically address soil & water
- SMP or NMPs to include: analysis of land conditions; best management techniques to address any issues; the integrated planning of land management decisions; and ensuring implementations
- Guidance (e.g. templates) on how to prepare a plan and in which cases is needed; on how long a management plan should remain valid; certification of soil testing laboratories, ongoing monitoring and reviewing
- SMPs as a pre-requisite of support for soil & water management in RDPs
- Ensure RDPs add value to existing National or Regional requirements





Targeting and monitoring

- Targeting to deliver action in the right areas coupled with clear guidance on the right measures & duration
- Clear priorities for a given holding highlighting the environmental and production benefits to farmers
- Ongoing monitoring and review to ensure the actions implemented are delivering results
- Careful assessment of the ability to measure impacts of management practices when developing indicators





Encouraging and supporting action on the ground

- Demonstration farms and pilots, combined with dedicated extension services and advice through RDPs and other funds (e.g. LIFE)
- Set out clearly which measures should be used in different contexts to implement SMP priorities
- Ongoing training for farmers and farm technicians
- Consider land tenure status when planning how management plans should be put in place





Thank you

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