How to restore farmland biodiversity Solutions and recommendations from the NSR PARTRIDGE project

Francis Buner, Project Coordinator Fien Oost, Project Manager Oude Doorn demo site NL





YOU MUST BE JOKING!!! Are you sure you read that map correctly? This Agri-environment Scheme (AES) won't do for us!



Policy influencer event Brussels, 30 May 2023



What is the PARTRIDGE project ?





Demonstrating how to recover farmland biodiversity on Europe's arable farmland

2000

FUTURE

Why PARTRIDGE ?

EU common bird indices, 1990 – 2019 (index 2000 = 100)







Why the grey partridge? Umbrella species If we do what is right for the grey partridge, we do what is right for biodiversity



What was our approach?



Based on scientific evidence and practical experience from across Europe.





We developped a NATURE RECOVERY TOOLBOX to improve and increase the amount of wildlife-friendly habitats at our 10 demo sites. Within the limits of what an Interreg project can realistically achieve.



Our main habitat measure was the PARTRIDGE flower block Year-round habitat offering best value for money

Iorth Sea Region





Reference sites

Coloured areas show wildlife-friendly habitats



Our project startegy achieved far more than any current standard AE-Scheme manages to implement on arable farmland.



Increase in wildlife-friendly habitats on arable farmland (PARTRIDGE 2017-2022):

Demonstration sites: avg. +4.5%

Reference sites: avg. +0.5%



Interreg

Result





Our demonstration sites have significantly more biodiversity (number and diversity of farmland birds & flower-rich habitats) compared to reference sites





Average demonstration site

Cheriton, England

Recommendations and solutions



To achieve the level of habitat improvements needed to reverse biodiversity loss on farmland, the following key issues MUST be addressed:

1. Facilitate partnerships

Facilitate farmer clusters, including hunters, local volunteers, NGO's and others,

supported by local, regional and national authorities.



2. Improve advice

- 1. Paid for by government (free for farmer)
- 2. Give advice much more regularly
- 3. Improve quality of advice
 - (advisors need to understand as much about wildlife, rules and regulations as about farming)
- 4. Advisors/field coordinators should instigate and co-organise farm walks to built mutual trust and respect among all stakeholders involved
- 5. Educate public about AES





It is very encouraging to see so many farmers go the extra mile to improve biodiversity! In many cases, all it takes is sitting down together and talk. Willem Van Colen, PARTRIDGE Ramskapelle site manager, Ingaro, Flanders



3. Increase Flexibility & Payment

Interreg

Management of AES options need to be more flexible without undermining their value for wildlife and payments for measures need to be higher.



Marc and Laurent Govaert, arable farmers, Isabellapolder demo site, Flanders



HOW TO IMPROVE ACRI-ENVIRONMENT SCHEME UPTAKE AND PROVISION Results from an online questionnaire undertaken by

PARTRIDGE, Interreg North Sea Region

BACKGROUND

The PARTRIDGE project is an interreg North Sea Region project running from mid-2016 to mid-2023, with 12 European partners in six participating countries (Belgium-Handers, Denmark, England, the Netherlands, Germany-Lower Savony, and Scotland). For more information about the project please visit northrearegion europartridge.

PARTINGE seeks to provide practical solutions for the countries within the North Sea Region to help them achieve their 2030 Biodiversity Targets on arable farmland, set by the European Union, after their failure to meet the Biodiversity Targets for 2020. A key element of this is the need to improve the existing national Agric Environment (Hz scheme systems and widen their uptake by farmers throughout the North Sea area.

This four-page document summarises the key findings from a large-scale online survey that explored the attitudes and experiences of farmers: who have access to AE schemes. Detween March 2021 and May 2021. It was specifically designed to provide policymakers with key information to encourage farmers' willingness to engage with AE schemes and single-out factors that help to overcome the barriers to participate in AE scheme.

KEY MESSAGE

We expect that implementing the lessons learner here will result in an expansion of AE schemes and improve the results of those already enrollee in AE schemes. Incorporating these lessons into agricultural policy is an essential step on the road

By J.A. Ewald, M. Amena, J. Bos, F. Buner, L. Dumpe, N. Ghyselinck, C. Hubbard, L. Midtgaard D. Parish, F. Stubbe, F. Torrance, F. van Alebeek and the PARTRIDGE Project Partners

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4. Increase landscape scale

The single farm approach does not achieve the necessary scale to reverse biodiversity loss on farmland.

Only a landscape approach will deliver measurable biodiversity gains.

Koress to high-quality research focused on practical measures that farmers can implement across their farms, is vital to restore species abundance across the farmed landscape. MacInd Management Advisor, Natural England



5. Increase high-quality habitats to min. 10%



6: Continue to improve quality and variety of AES habitat options

A multitude of habitats, ideally stacked together, are needed to cater for all farmland biodiversity (create a mosaic).

Assist approach with legal predation management where possible



Some key deliverables from the PARTRIDGE project

70 farmers implemented +4% habitat measures, or an avg. 10% in total/demo site

We directly involved 615 researchers, students & volunteers to collect evidence

We held 260 demo site farm walks, informing 3600 people directly

More than 2000 farmers planted our PARTRIDGEmix across North Sea Region

The PARTRIDGEmix is now available as an AES option in NL, Flanders, England and Lower Saxony



