

Pilot project on best practices for alternative egg production systems

SANTE 2020/S 189-455185

2021-2023



Background

- Since 2012, ban on conventional cages in EU (1999/74/EC)
- Furnished cages and cage-free systems
- Limited space and limited opportunities for natural behaviour in furnished cages



Improving laying hen welfare by stimulating transition to non cage systems



Main objective

Help egg producers to meet
market demand by providing
practical guidance on how to
transition to alternative higherwelfare cage-free systems





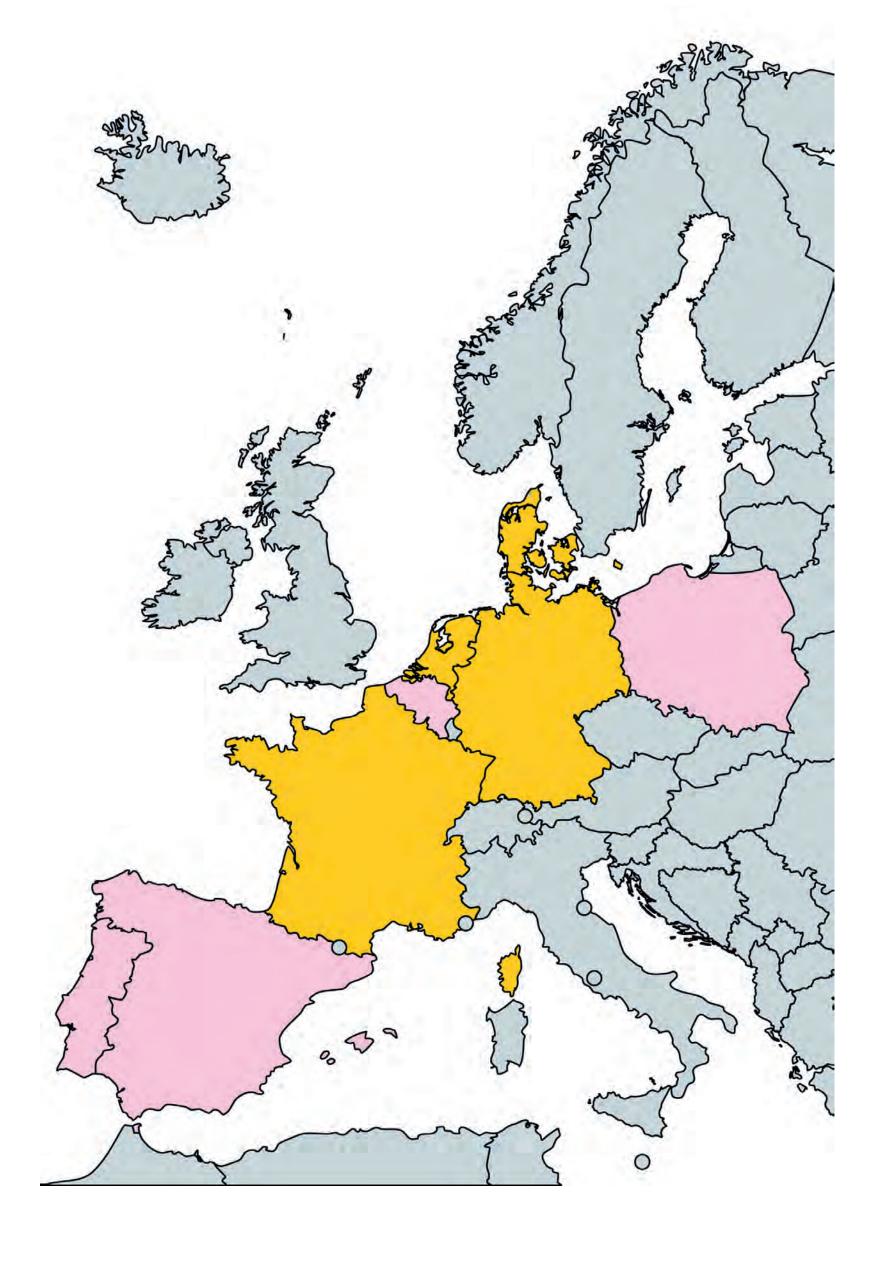
Consortium

7 Partners

5 Countries (BE, DK, ES, NL, PL)

Countries with high % cage-free: DK, NL, DE, FR

Target countries (defined in call): ES, PT, PL, BE





Project tasks (May 2021- May 2023)

Task 1 Work plan + methodology

Task 2 Collecting and assessing

information

Task 3 Drafting best practices

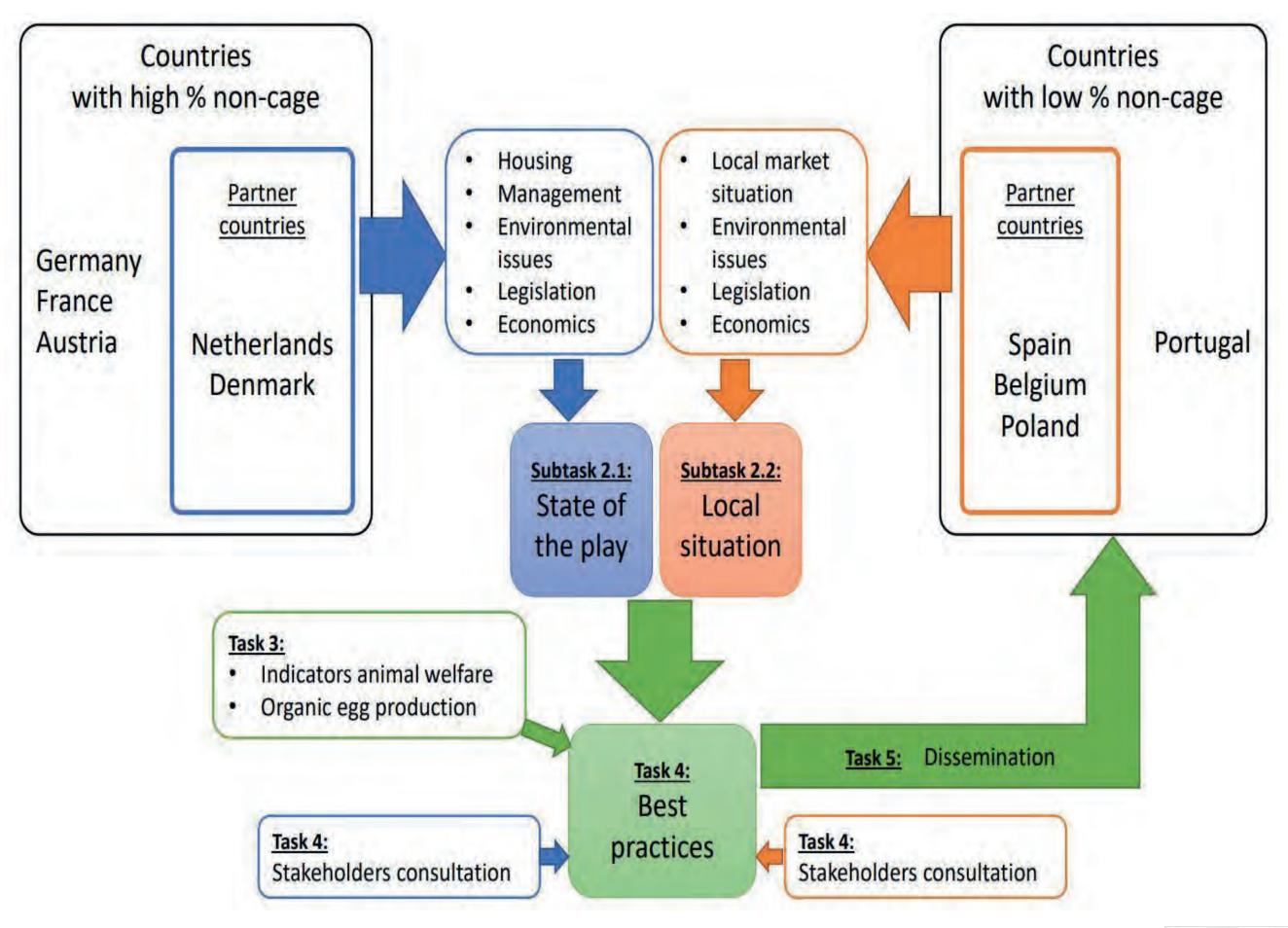
Task 4 Consulting stakeholders

Task 5 Dissemination





Work plan + methodology

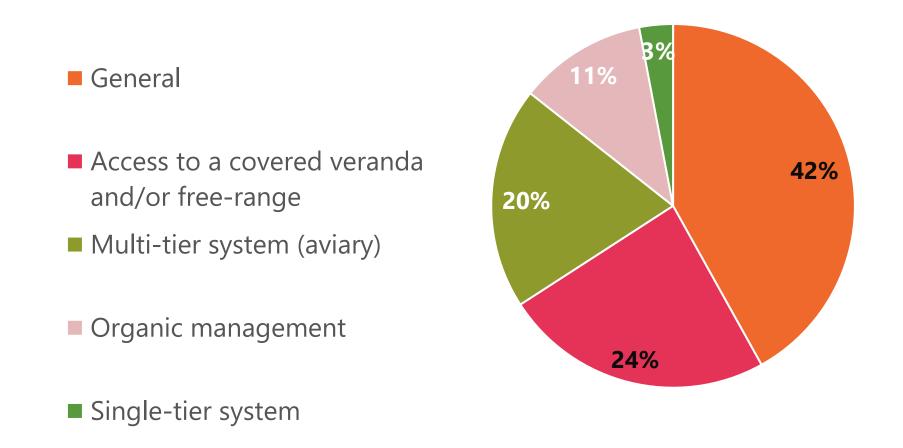




Collecting and assessing information: State of Play

Scientific literature (separate for pullets and laying hens):

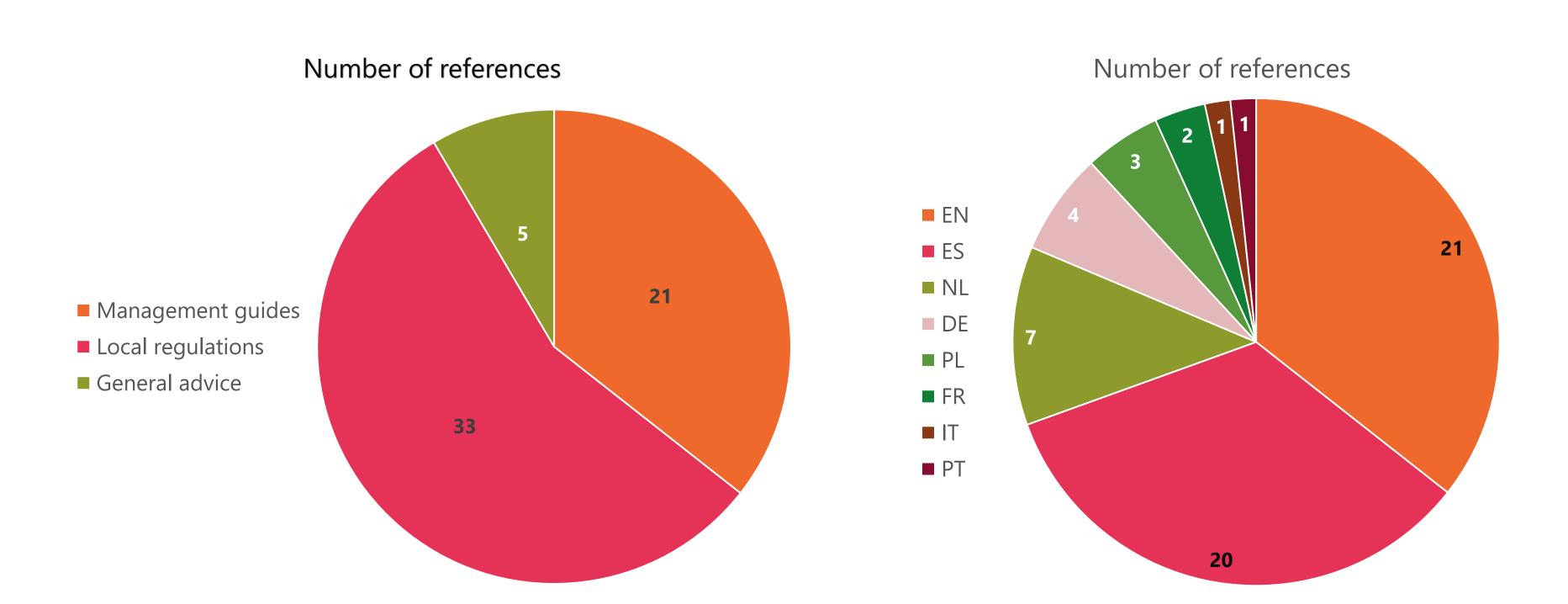
- Web of science
- Timespan: 2005-2021
- Peer-reviewed original research and review articles
- In English
- Removal of duplicates
- Abstract reading
- Categorization or rejection (incl. reason)
- Full paper reading, report writing



39 papers pullets167 papers laying hens



Collecting and assessing information: Technical information





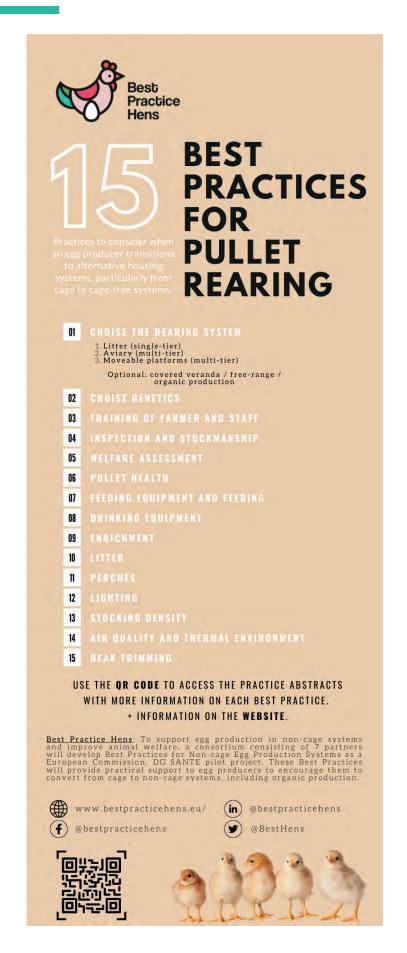
Drafting Best Practices

- 68 best practices in total (based on scientific literature)
 - 24 Pullets
 - 10 All systems
 - 4 Floor / single-tier system
 - 4 Multi-tier system
 - 1 Covered veranda / free range
 - 5 Organic

- 44 Laying hens
 - 12 All systems
 - 3 Floor / single-tier system
 - 9 Multi-tier system
 - 14 Covered veranda / free range
 - 6 Organic



Refined to main topics: best practices across housing systems





31 Best practices:

- 15 for pullets
- 16 for laying hens
- Local situation target countries taken into account
- Discussed with stakeholders (cage-free countries, target countries and EU level)



Consulting stakeholders

- Collected input and feedback on best practices
 - Stakeholder Advisory Board
 - Cage-free countries: Germany,
 Denmark
 - Target countries: Belgium, Spain, Portugal, Poland

Additions: useful practical advice for farmers

FINAL BEST PRACTICES



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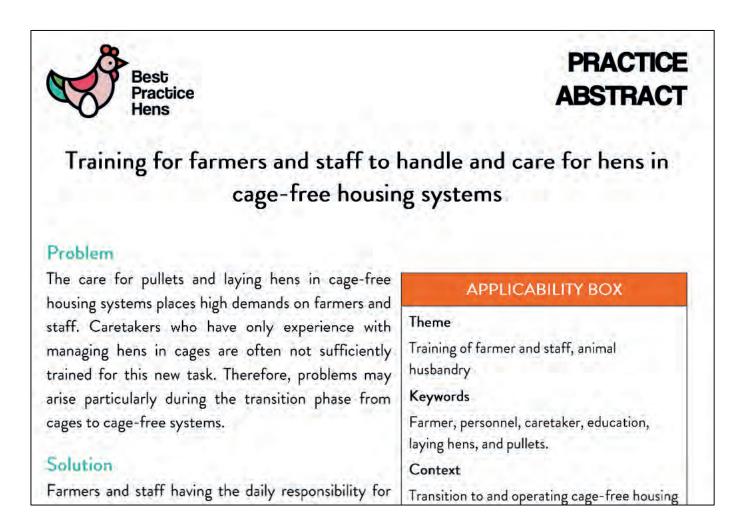
https://bestpracticehens.eu/

Output

In 7 languages:

- Practice abstracts (>30)
- Protocol for practical welfare assessment
- Videoclips
- Smartphone videos

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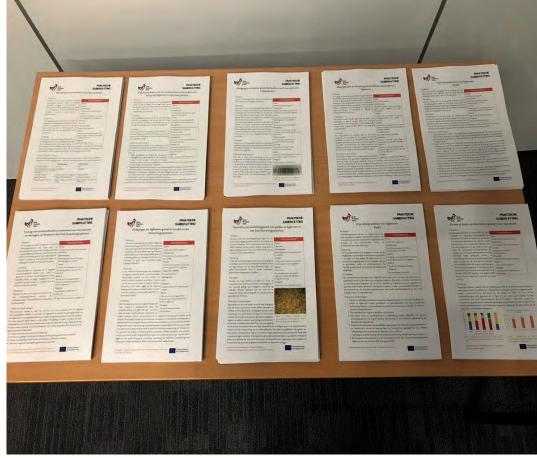






Dissemination events







Final event Brussels, 3rd May 2023



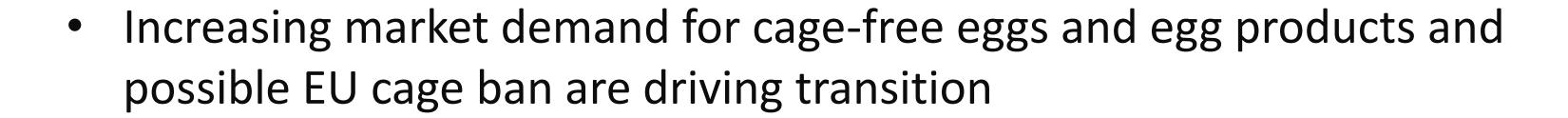






Conclusions





- The economic and market situation are very important, because higher costs cage-free need to be recovered
 - (+16% for indoor aviary compared to furnished cage)









www.bestpracticehens.eu

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Thank you for your attention!



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