

# Biosecurity scoring of Irish farms using the Biocheck system

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# Introduction

Biosecurity is a must to optimize performance

**External:** avoiding the entrance of new diseases for outside the farm

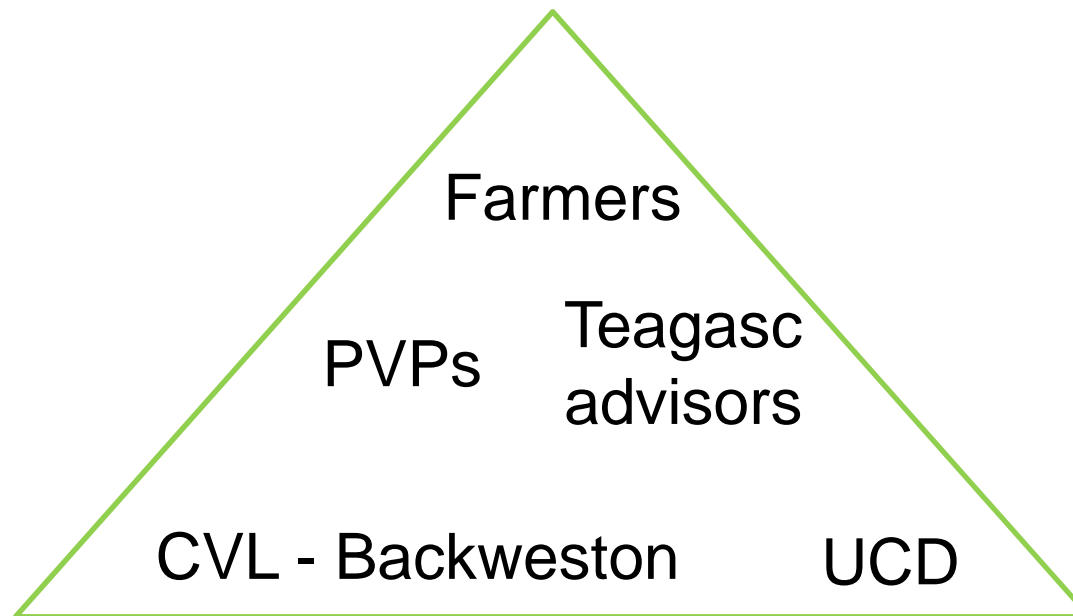


**Internal:** avoiding the spread and recirculation of diseases within the different stages of the farm



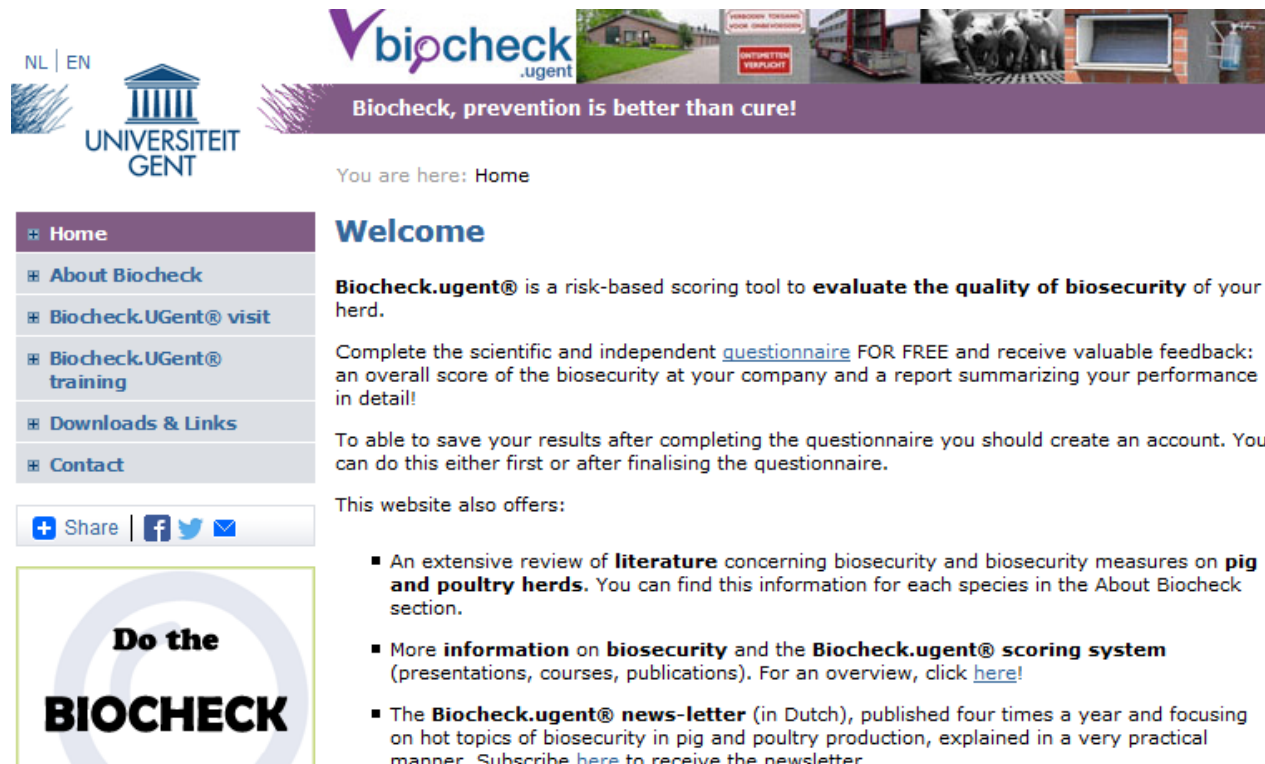
# Biosecurity group Ireland

The different actors in animal health in Ireland have created a group on biosecurity and one of the first actions is using the biocheck questionnaire in Irish farms



# What is Biocheck?

Biocheck is a web-based tool that evaluates the quality of biosecurity of your herd



The screenshot shows the homepage of the Biocheck.ugent website. At the top, there is a navigation bar with 'NL | EN' and the University of Ghent logo. The main header features the Biocheck logo and the slogan 'Biocheck, prevention is better than cure!' with a background image of a farm. Below the header, a breadcrumb trail indicates 'You are here: Home'. A left sidebar contains a menu with items: Home, About Biocheck, Biocheck.UGent@ visit, Biocheck.UGent@ training, Downloads & Links, and Contact. Below the menu is a social media sharing section with icons for Facebook, Twitter, and Email. A large graphic on the left says 'Do the BIOCHECK'. The main content area has a 'Welcome' section followed by a paragraph explaining that Biocheck.ugent® is a risk-based scoring tool to evaluate the quality of biosecurity of your herd. It then offers to complete a questionnaire for free to receive feedback. Below this, it states that users should create an account to save results. A section titled 'This website also offers:' lists three bullet points: an extensive review of literature on pig and poultry herds, more information on biosecurity and the scoring system, and the Biocheck.ugent® news-letter.

NL | EN  
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**biocheck**.ugent  
Biocheck, prevention is better than cure!

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**Do the BIOCHECK**

## Welcome

**Biocheck.ugent®** is a risk-based scoring tool to **evaluate the quality of biosecurity** of your herd.

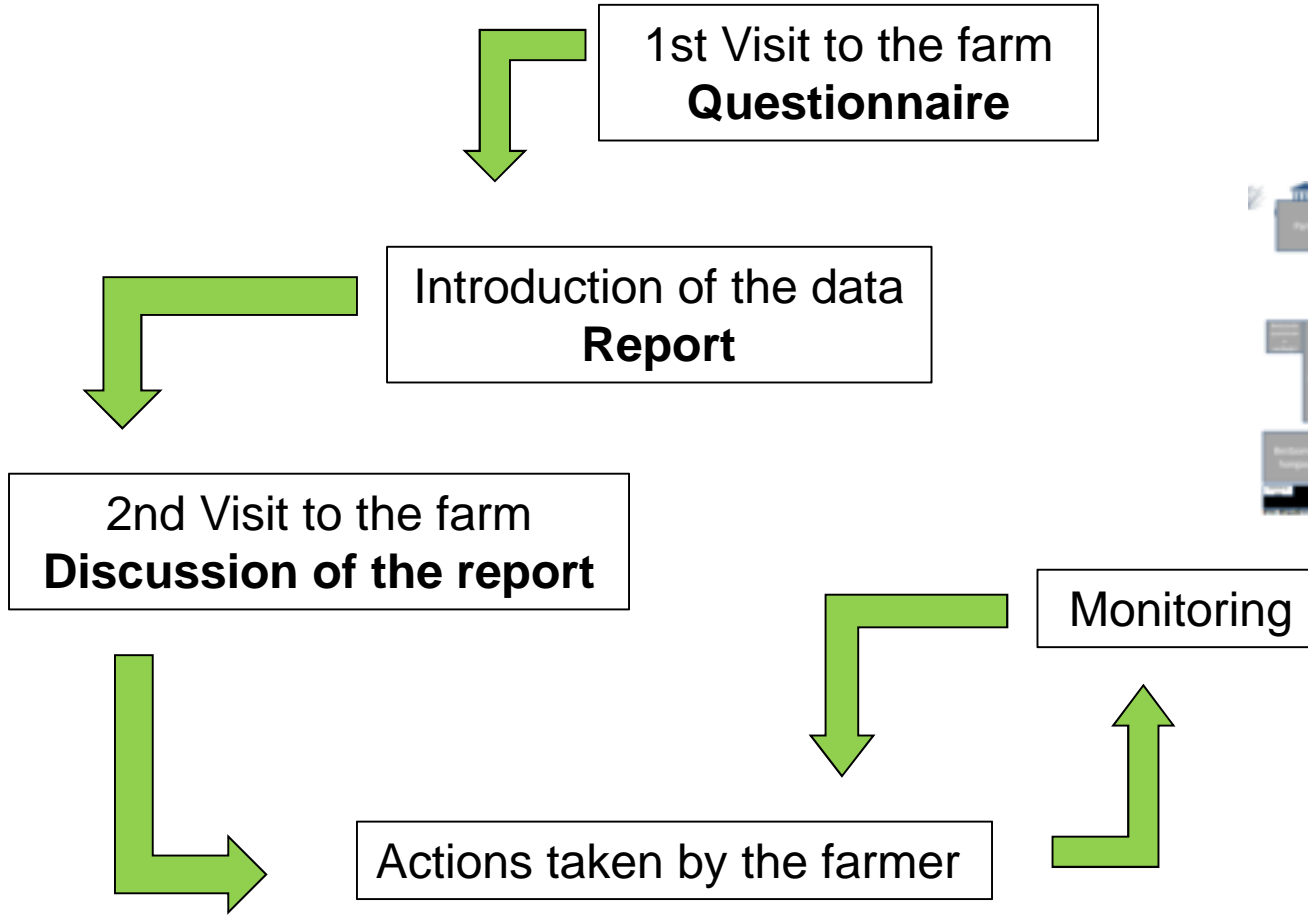
Complete the scientific and independent [questionnaire](#) FOR FREE and receive valuable feedback: an overall score of the biosecurity at your company and a report summarizing your performance in detail!

To able to save your results after completing the questionnaire you should create an account. You can do this either first or after finalising the questionnaire.

This website also offers:

- An extensive review of **literature** concerning biosecurity and biosecurity measures on **pig and poultry herds**. You can find this information for each species in the About Biocheck section.
- More **information** on **biosecurity** and the **Biocheck.ugent® scoring system** (presentations, courses, publications). For an overview, click [here!](#)
- The **Biocheck.ugent® news-letter** (in Dutch), published four times a year and focusing on hot topics of biosecurity in pig and poultry production, explained in a very practical manner. [Subscribe here](#) to receive the newsletter.

# How does it work?



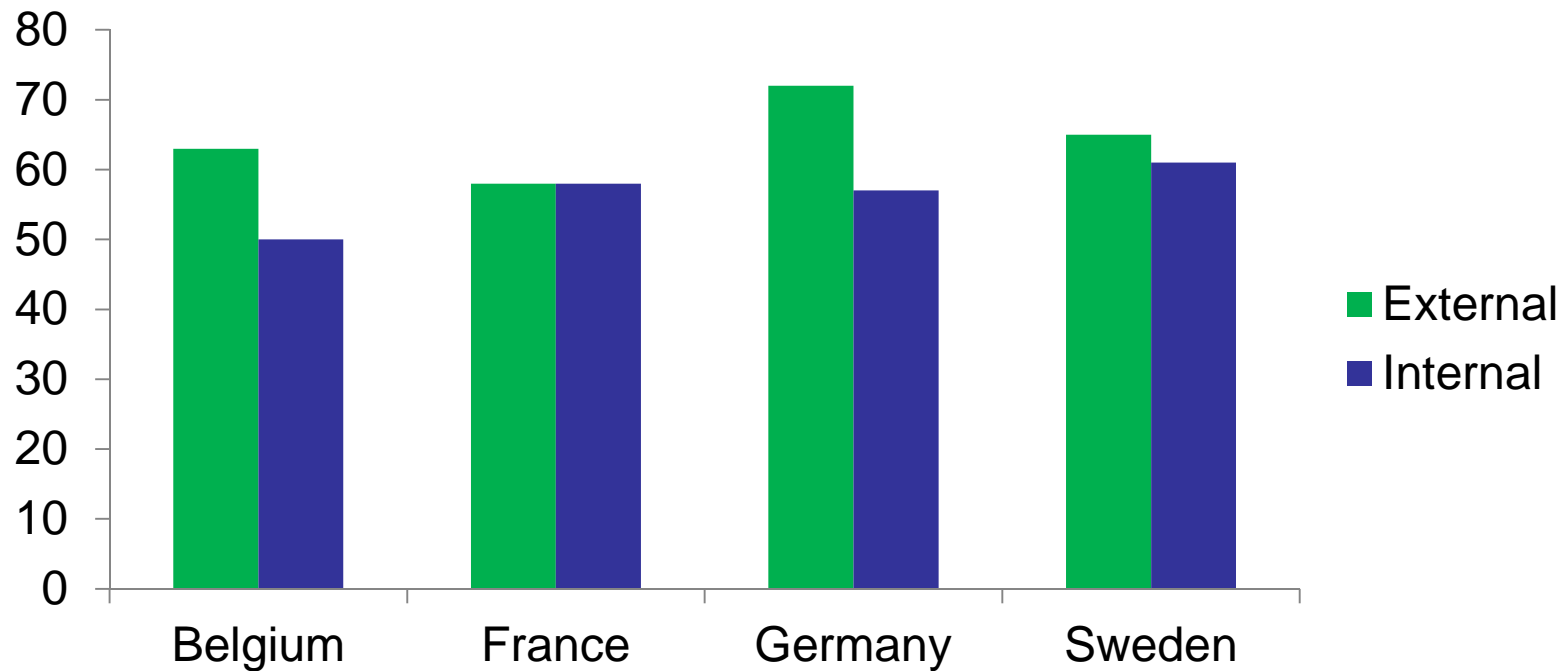
Beschrijving	Score	Gem.
Beveiligingsmaatregelen	32%	66%
Beveiliging van de omgeving	23%	35%
Beveiliging van de dieren	84%	32%
Beveiliging van de mensen	55%	65%
Beveiliging van de planten	21%	55%
Beveiliging van de dieren	38%	58%

Subtotaal interne beveiliging: 42 % (gemiddelde = 43 %)

Soort	Ziekteverwekkers
Personen	Bacteriën, schimmels, E. coli, virus en bacteriële sporendragers, PRRS, Mycoplasma, Mycoplasma, gsm.
Spoortia	Bacteriën, schimmels, E. coli, virus en bacteriële sporendragers, PRRS, Mycoplasma, gsm.
Mest	Bacteriën, schimmels, E. coli, virus en bacteriële sporendragers, PRRS, Mycoplasma, gsm.
Andere zoogdieren/vogels	Bacteriën, schimmels, E. coli, virus en bacteriële sporendragers, PRRS, Mycoplasma, gsm.
Vraagstukken	Bacteriën, schimmels, E. coli, virus en bacteriële sporendragers, PRRS, Mycoplasma, gsm.
Airbouw	PRRS, Mycoplasma, gsm.
Water	Bacteriën, schimmels, E. coli, virus en bacteriële sporendragers, PRRS, Mycoplasma, gsm.
Eigenaarsaandermateriaal	Bacteriën, schimmels, E. coli, virus en bacteriële sporendragers, PRRS, Mycoplasma, gsm.

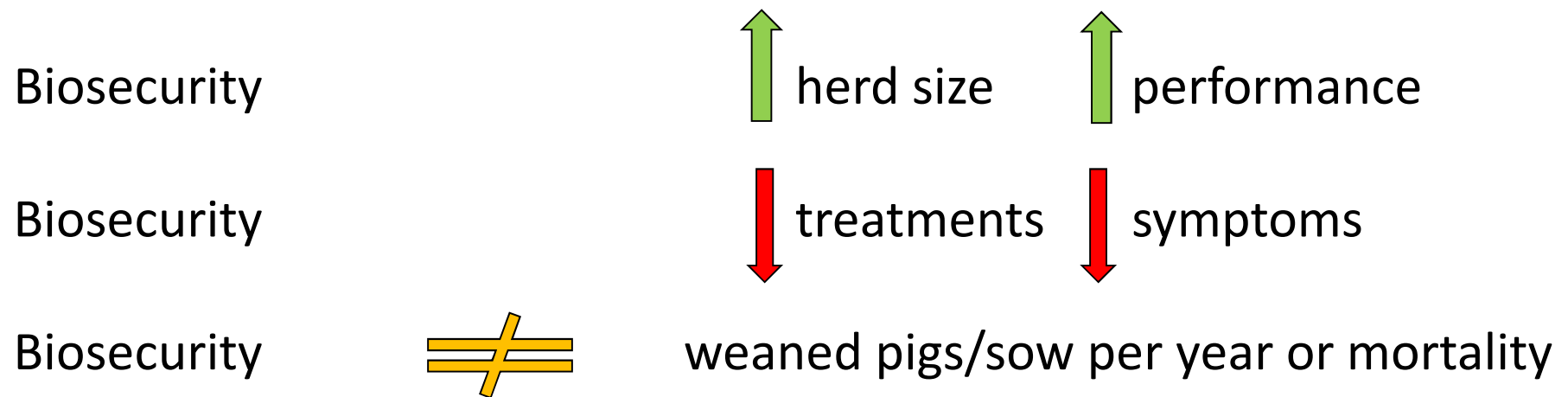
# Results for different countries

The questionnaire allows to compare the biosecurity levels in different countries



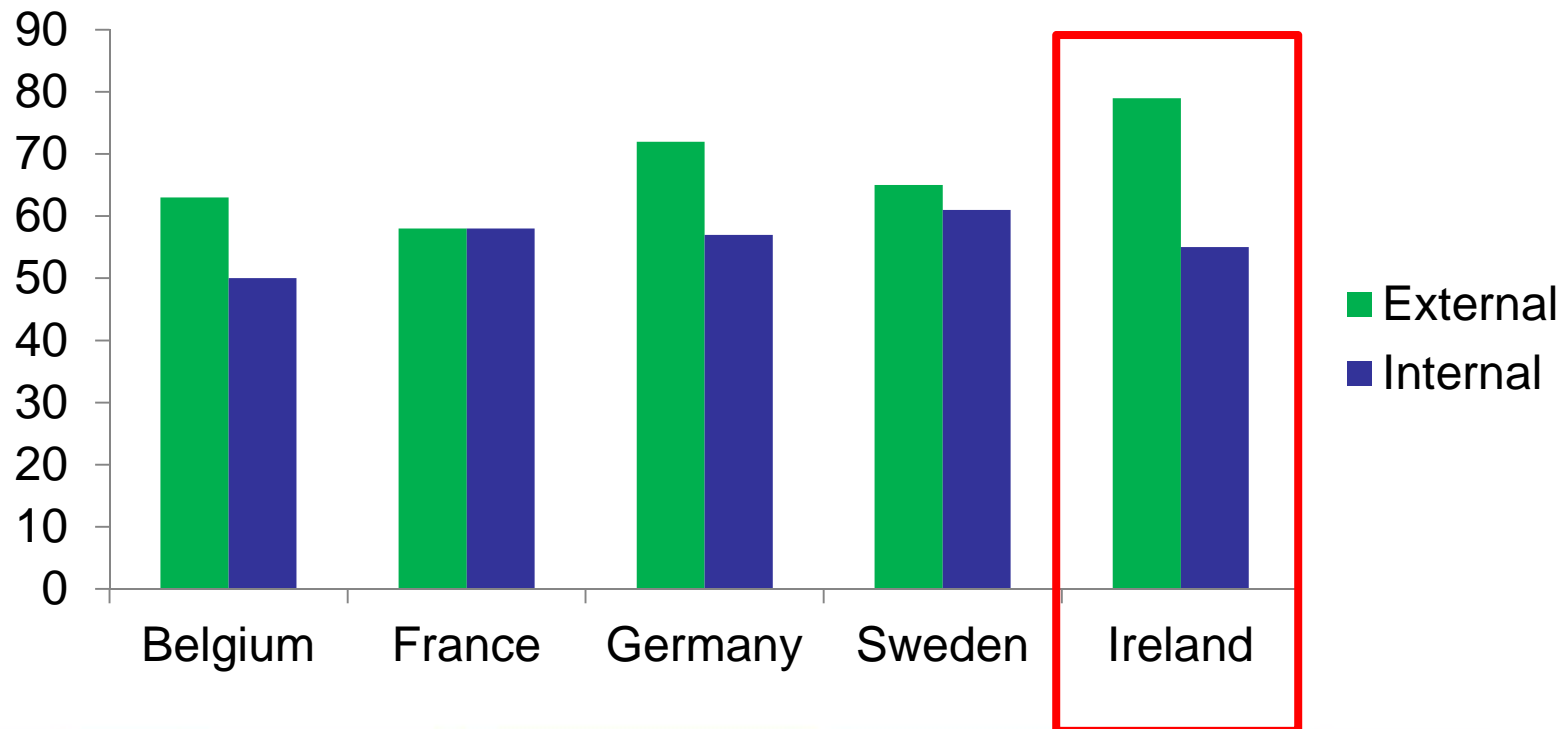
# Conclusions so far - EU

There is room for improvement!!!



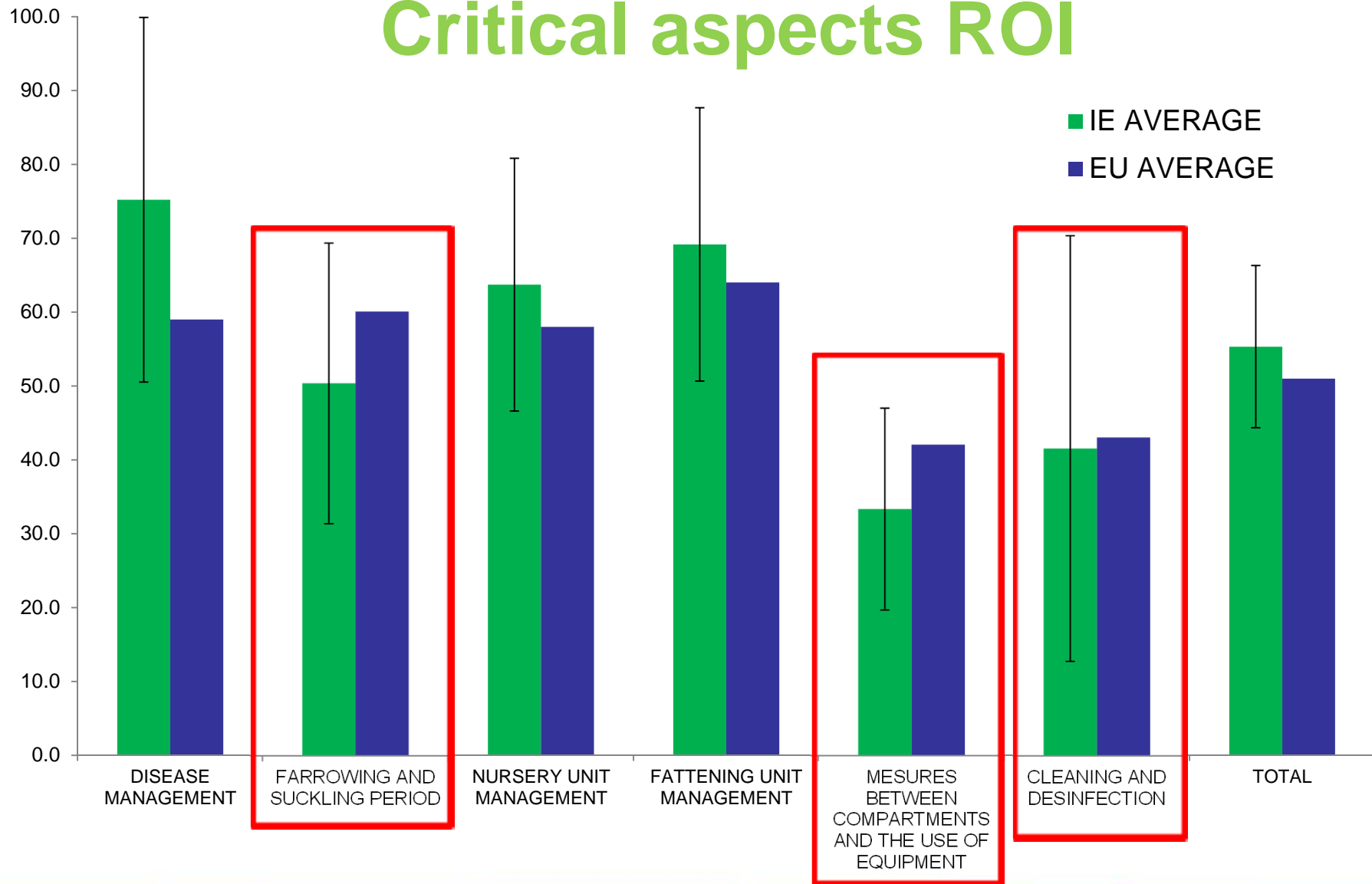
# Results so far – Ireland (30 farms)

Good situation in external biosecurity but poor in internal biosecurity





# Critical aspects ROI



# Going forward

- Complete 60 farms and publish national report
- Discuss reports with farmers who are interested
- Future actions at a national or herd level

# Thanks for your attention

