Pig welfare self-assessment and benchmarking tool
- a mobile application for farmers -

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Animal welfare: society vs. farmer

Pork at Christmas? Make sure it's from a ha

Pig producers criticise 'influential organisation' for covert filming

Again shocking images: Animal Rights shows "horrific conditions" of pigs

"Farmers love their animals"

IFA condemns occupation of Westmeat farm by animal rights protesters

Farmer opens the doors of his pigbarn to the public

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Monitoring welfare

✓ **Monitoring animal welfare**

- valuable for **animals**: to have a higher welfare

- valuable for **farmers**: to pinpoint points of attention

- valuable for **consumers**: reassurance about welfare status of farms from which they buy animal products

- valuable for **authorities**: to determine animal welfare policy

✓ **Available protocols for pig**

- Welfare Quality (EU)

- KTBL Protocol (Germany)

- Assurewel (UK)

- EBENE (Fr)

Monitoring welfare

✓ **Self-scans** to assess welfare status on farm by farmer

- incorporable in routine farm management
- raising awareness about benefits of closely inspecting animals
- less threatening for farmer
- → but less valuable for consumers/authorities

✓ **Mobile application**

- offline data recording
- online platform on website

Criteria self-scan

✓ **Selection of animal welfare indicators**

- covering main welfare issues

- maximum duration: 90 – 120 minutes

✓ **Key questions** on **farm management**, **housing** & **production parameters**

- to allow for automated **benchmarking** with other comparable farms

UPTAKE BY SECTOR WILL BE RESTRICTED IF SELF-SCANS ARE TOO TIME-CONSUMING AND/OR CUMBERSOME

→ scans were **tested** by **farmers**

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Self-scan for pigs

✓ **Sows (5)**

- Pregnant sows

    → 2 – 3 wks after insemination

- Pregnant sows

    → 1 – 2 wks after rehousing

- Lactating sows & their litter

    → 1 – 2 wks after farrowing

✓ **Growing pigs (5 groups – 50 pigs)**

    → 8 – 10 wks old

✓ **Finishing pigs (5 groups – 50 pigs)**

    → 4 weeks before slaughter

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BLIJE DIEREN
BLIJE BOER
WWW.BOERENBOND.BE/BLIJEDIEREN

Self-scan for pigs

Download

"Dierenwelzijn scan"
- Dutch only -

Log-in

Start
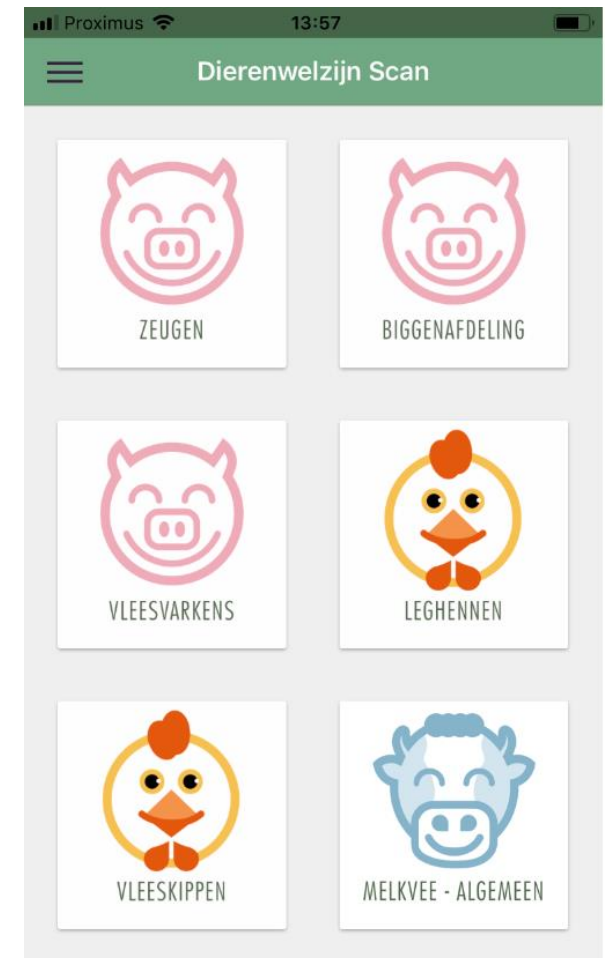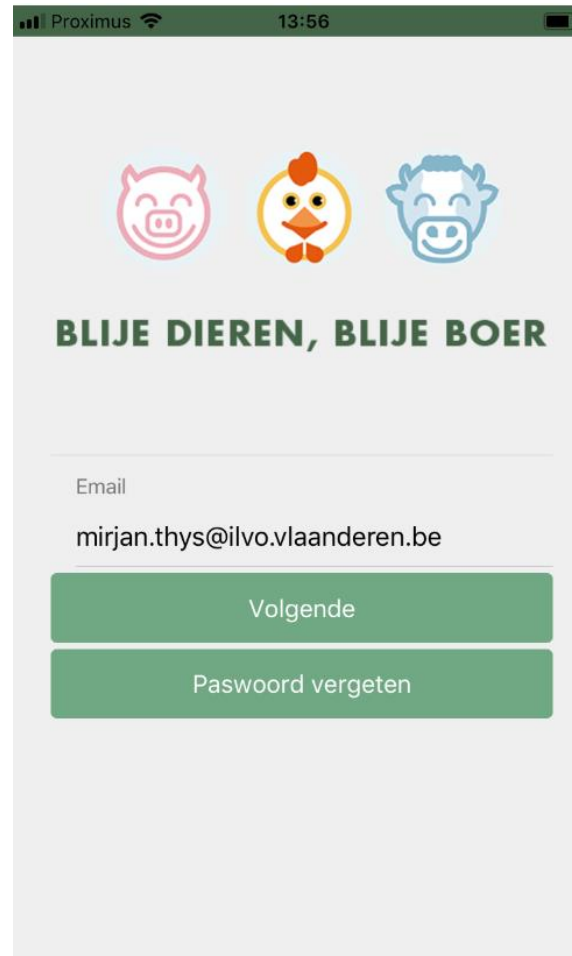
Self-scan for pigs

✓ Individual screening

Sows (pregnant and lactating)

- Stereotypic behaviour
- Use of enrichment
- BCS
- Injuries (shoulder, teats, claws, vulva)
- Faeces (hard or solid)
- Lameness
- Breathing
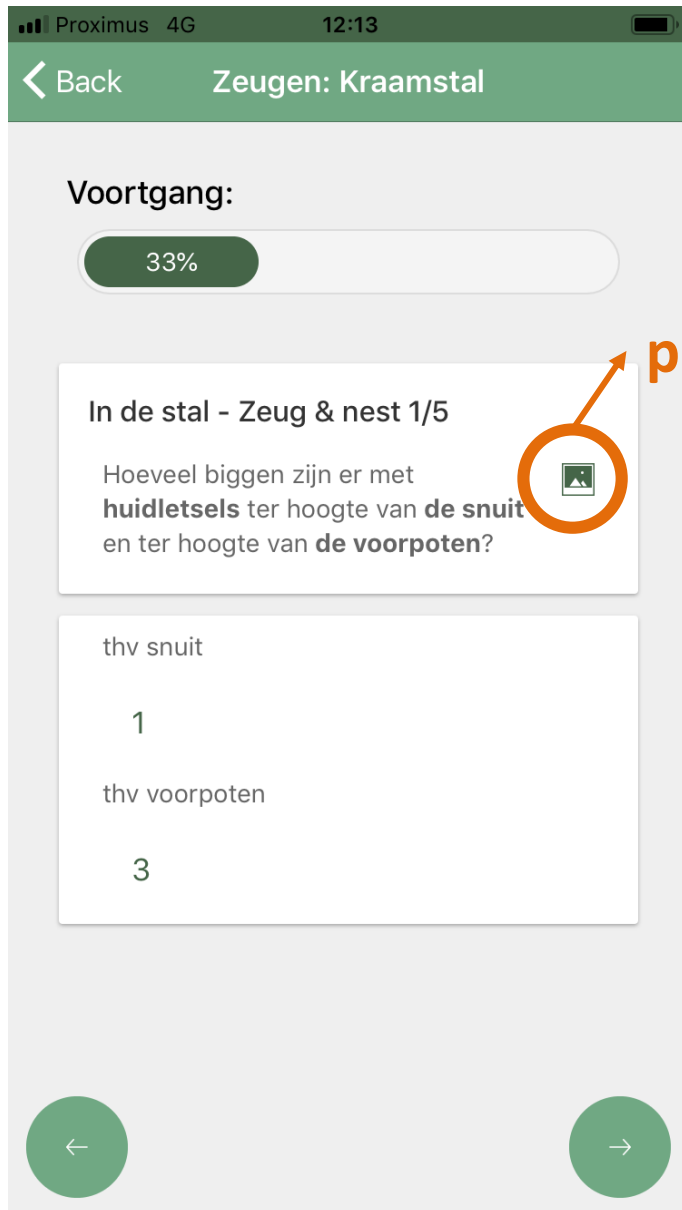- Prolapse

✓ Group screening

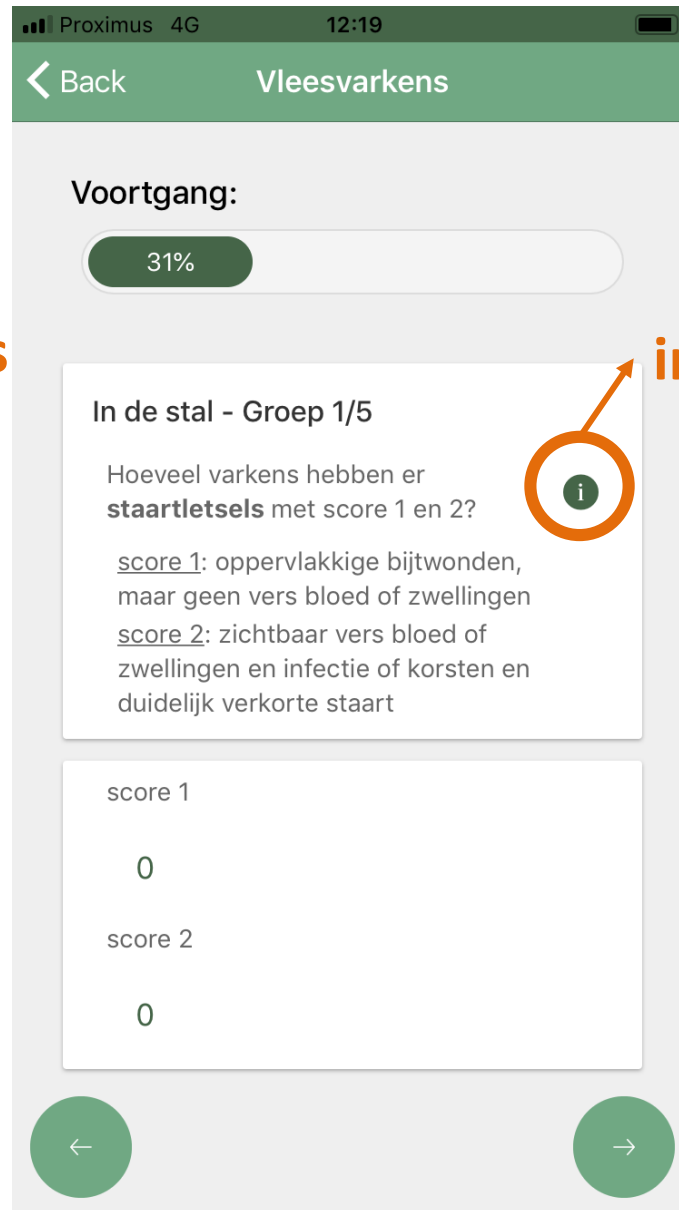**Sows (pregnant - after rehousing)**

Piglets

Pigs (growing and finishing)

- Social behaviour (positive/negative)
- Use of enrichment
- Competition for drinking/eating
- Injuries (tail, ear, body)
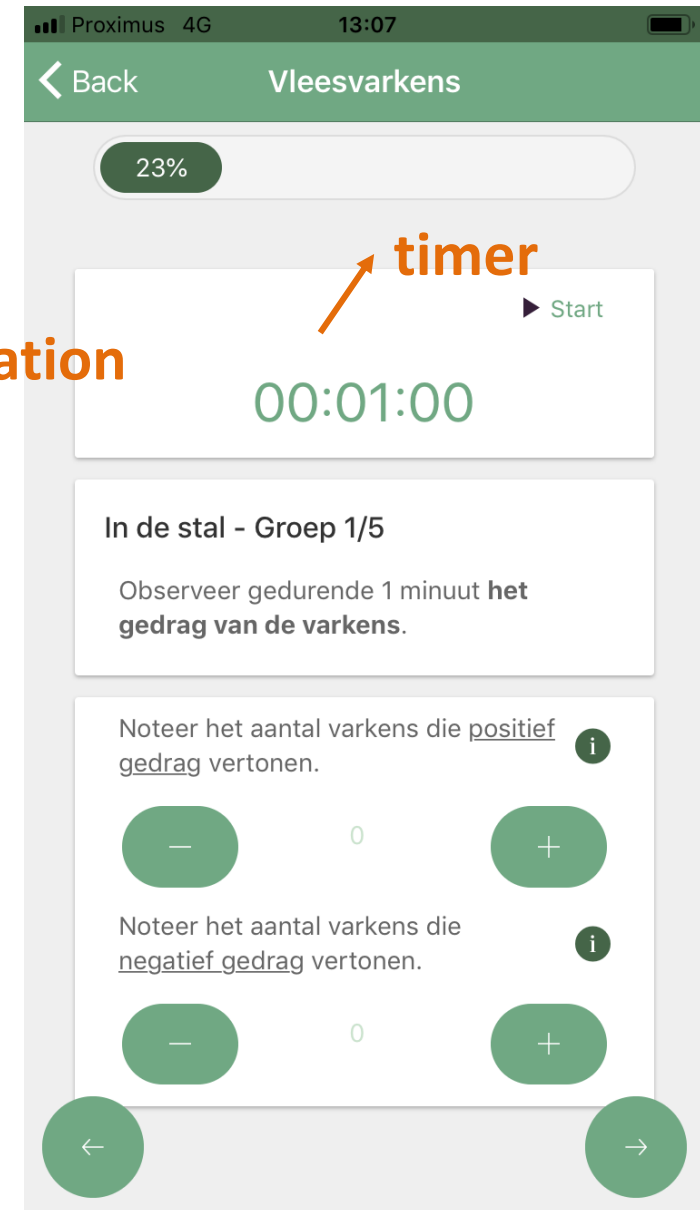- Faeces (scouring)
- Lameness
- Coughing / sneezing
- Prolapse

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Self-scan for pigs

Report & benchmarking

Rapport

Zeugen Kraamstal
Datum: 28/02/2019 14:49
Landbouwbedrijf: Test@Anneleen

answers

Information about risk factors

Algemeen	
Totaal aantal zeugen in kraamafdeling	30
Naam van de stal	Stal 1

Huisvesting	
Staltemperatuur	26 °C
Ventilatie - bandbreedte	5 °C
Ventilatie - insteltemperatuur	28 °C
Verwarming biggennest	warmteplaat

Verrijking	
Soorten aanwezige verrijking	vast speelgoed (aan ketting of stang), jutezak
Gebruik van verrijking	altijd
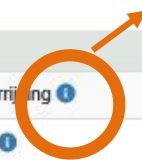
Diergezondheid	
Versnelde ademhaling	20%
Hijgende of pompende ademhaling	0%
Pootletsels	20%
Uierontsteking	20%
Abnormale vaginale afscheiding	0%
Afwijkende mestconsistentie	20%
Prolapsen	20%

Farmers
&
veterinarians / consultants

→ **discuss results**
→ **search for solutions**

Calculations
- percentage
- Index (0 – 100)

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Report & benchmarking

Welzijnsradar

Legende | Benchmark

- Stereotypieën ⓘ
- Vulvaconditie ⓘ
- Conditie biggen ⓘ
- Schouderconditie ⓘ
- Klauwconditie ⓘ
- Uierconditie ⓘ
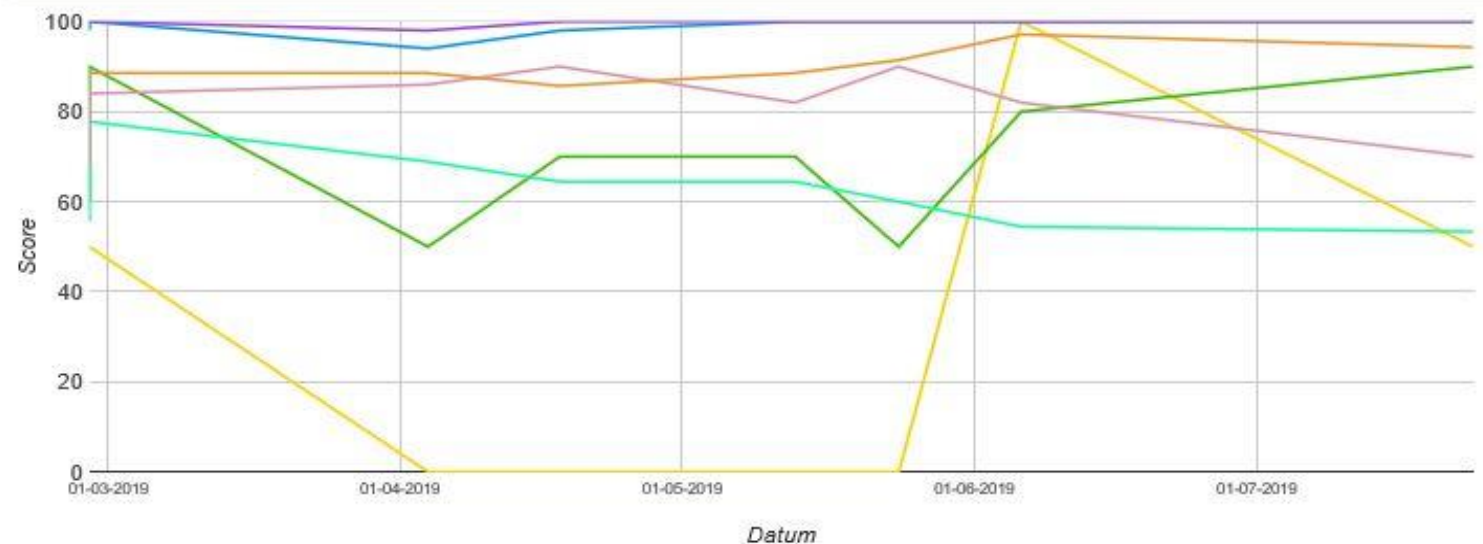
Welfare radar
- Welfare index (0 – 100)
- Extra information
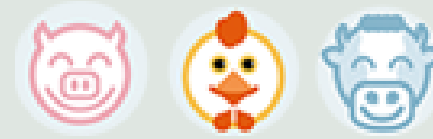
Benchmarking
- compared to colleagues
- p10 – p50 – p90

Evolution over time
- Welfare index (0 – 100)
- Own results

Evolutie

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www.dierenwelzijnscan.be

Own login

Website

Manuals

Reports

Paper questionnaires

Online app

Benchmarking

App available

Android

iOS

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Thank you

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