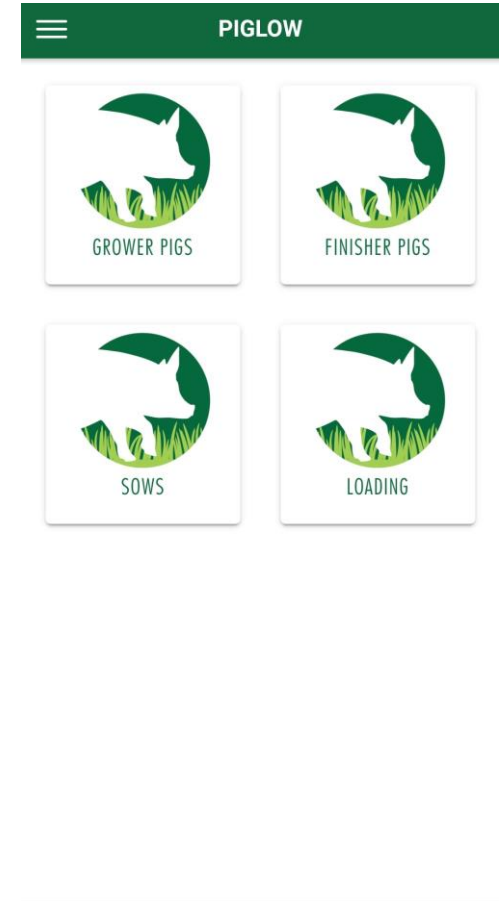# The PIGLOW and EBENE apps for welfare self-assessments of pigs and chickens in organic and outdoor systems

E Graat (ILVO), M Thys (ILVO), L Warin (ITAVI), V Courboulay (IFIP), M-C Meunier-Salaün (INRAE), M Stomp (ITAVI), H Leruste (Junia), V Guesdon (Junia), A Collin (INRAE), MF Giersberg (UU), TB Rodenburg (UU), C Vanden Hole (ILVO), F Tuyttens (ILVO)

UFAW Animal Welfare Conference
(29th-30th June 2021)

PPILOW The EBENE and PIGLOW apps

- Animal welfare self-assessment by farmers

- Animal-based indicators

- Create awareness of possible welfare problems

- Discuss with veterinarian or other advisor

PPILOW Results of the PIGLOW app

Appropriate Behaviour

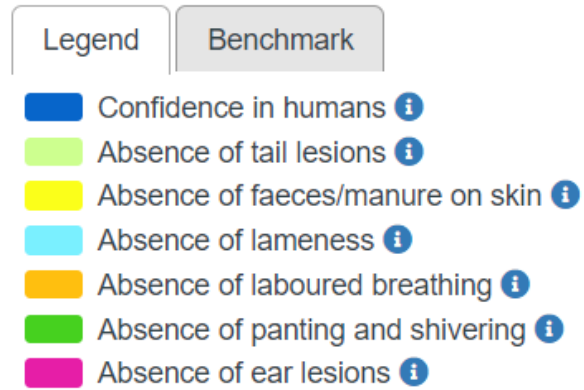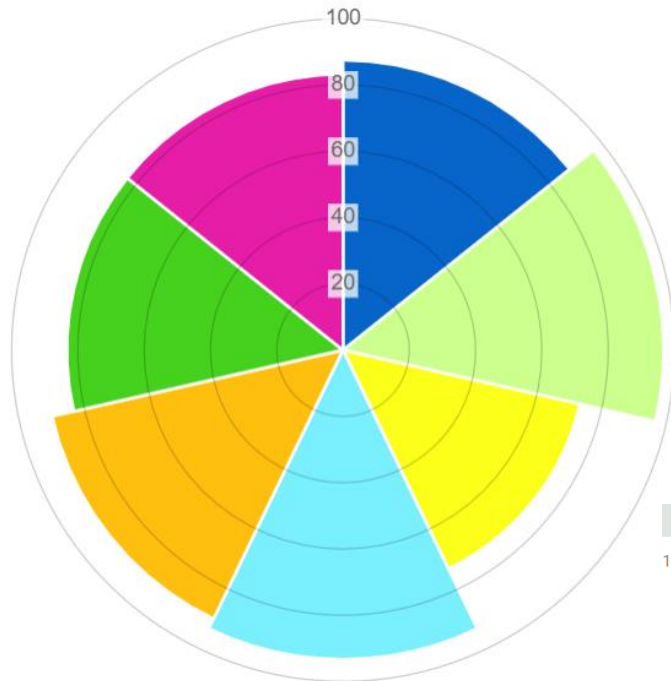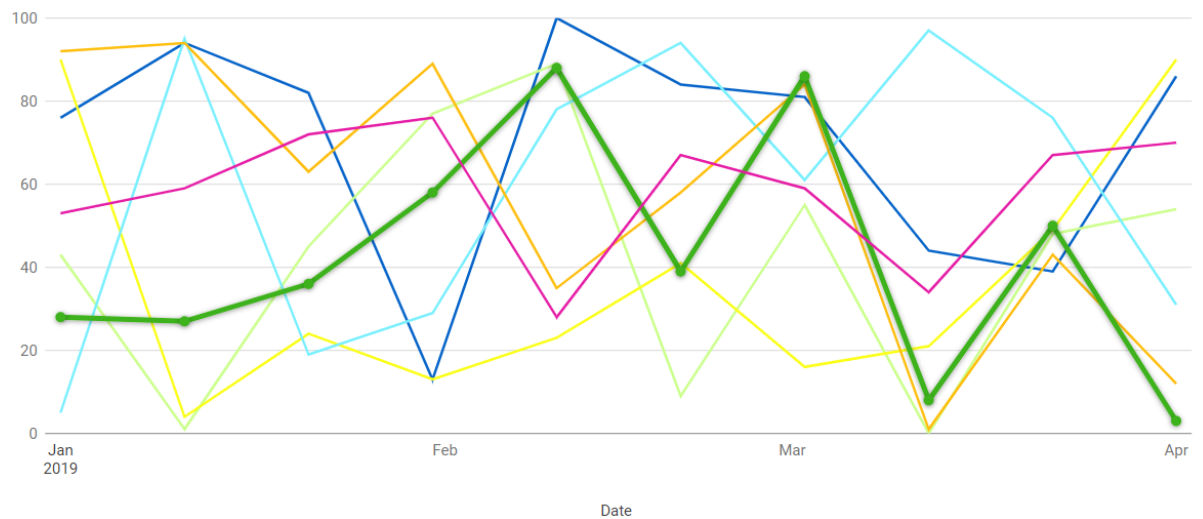| Description	Answers/Score	Benchmarking based on percentile ⓘ
confidence in humans (average approach time) ⓘ	9,5 sec	P64
pigs using the enrichment ⓘ	30,8 %	P45
pigs with at least 15 scratches on one side ⓘ	0 %	P9 - P100
pigs with ear lesions ⓘ	0 %	P27 - P100
pigs with tail lesions ⓘ	0 %	P27 - P100

PPILOW

Welfare Radar

All indicators in the welfare radar are displayed on a scale of 0% (worst possible score) to 100% (best possible score). By clicking (online) on the i-icon in the legend you will see potential risk factors per welfare indicator.

Legend | Benchmark

- Confidence in humans ⓘ
- Absence of tail lesions ⓘ
- Absence of faeces/manure on skin ⓘ
- Absence of lameness ⓘ
- Absence of laboured breathing ⓘ
- Absence of panting and shivering ⓘ
- Absence of ear lesions ⓘ

Evolution

Date

Apps freely available on iOS and Android devices

Dutch, English and French languages available
(German, Italian, Danish, Finnish and Romanian coming soon)

Thank you for your attention!

www.piglow.eu   www.ppilow.eu   https://www.itavi.asso.fr

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