



aWISH
ANIMAL WELFARE INDICATORS AT
THE SLAUGHTERHOUSE

The aWISH project: Animal Welfare Indicators at the SlaughterHouse

OVERVIEW PROJECT

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Funded by
the European Union

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General

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Horizon Europe project
Research and Innovation Action

8 000 000 € budget

28 partners | **11** countries | **6** pilots

01 Nov 2022 - 31 Oct 2026



Partners



General aim

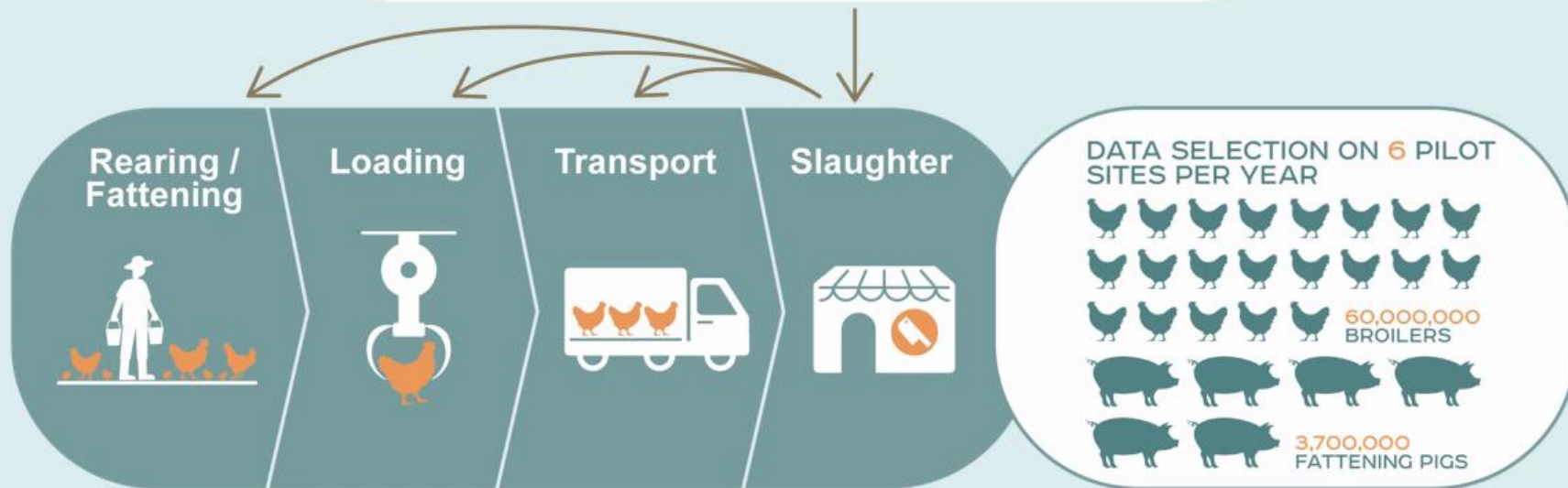
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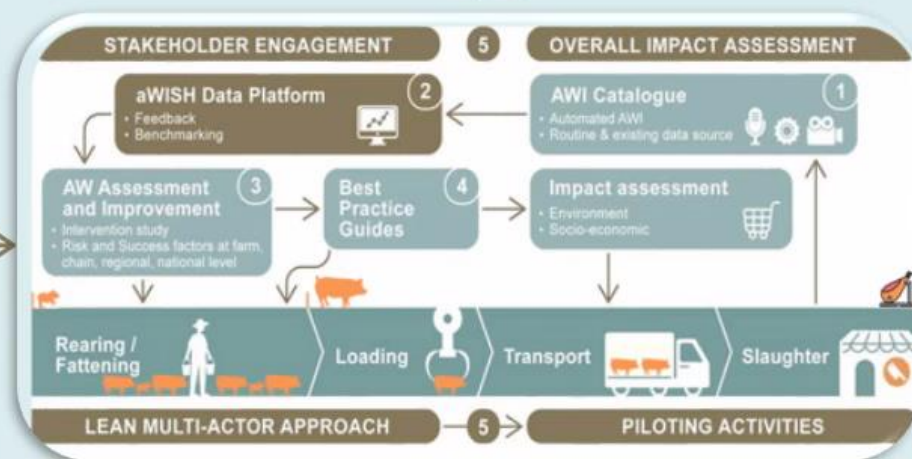
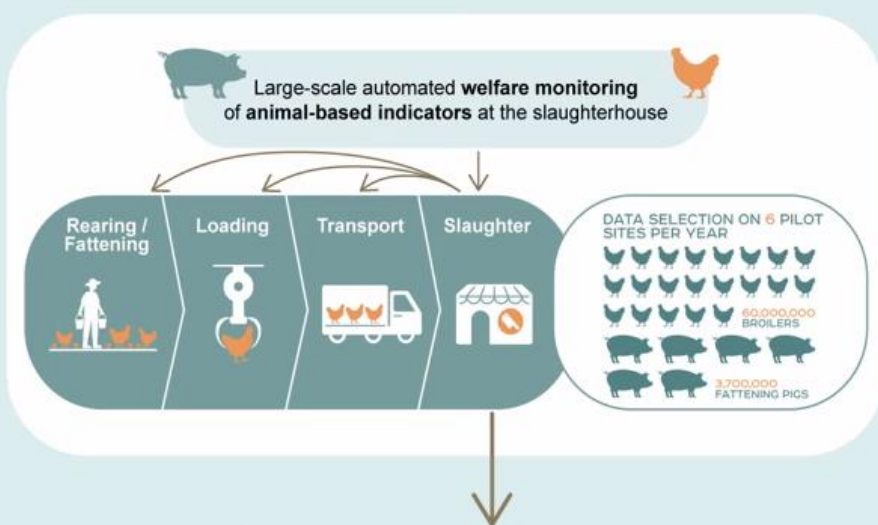
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Large-scale automated **welfare monitoring**
of **animal-based indicators** at the **slaughterhouse**



Objectives



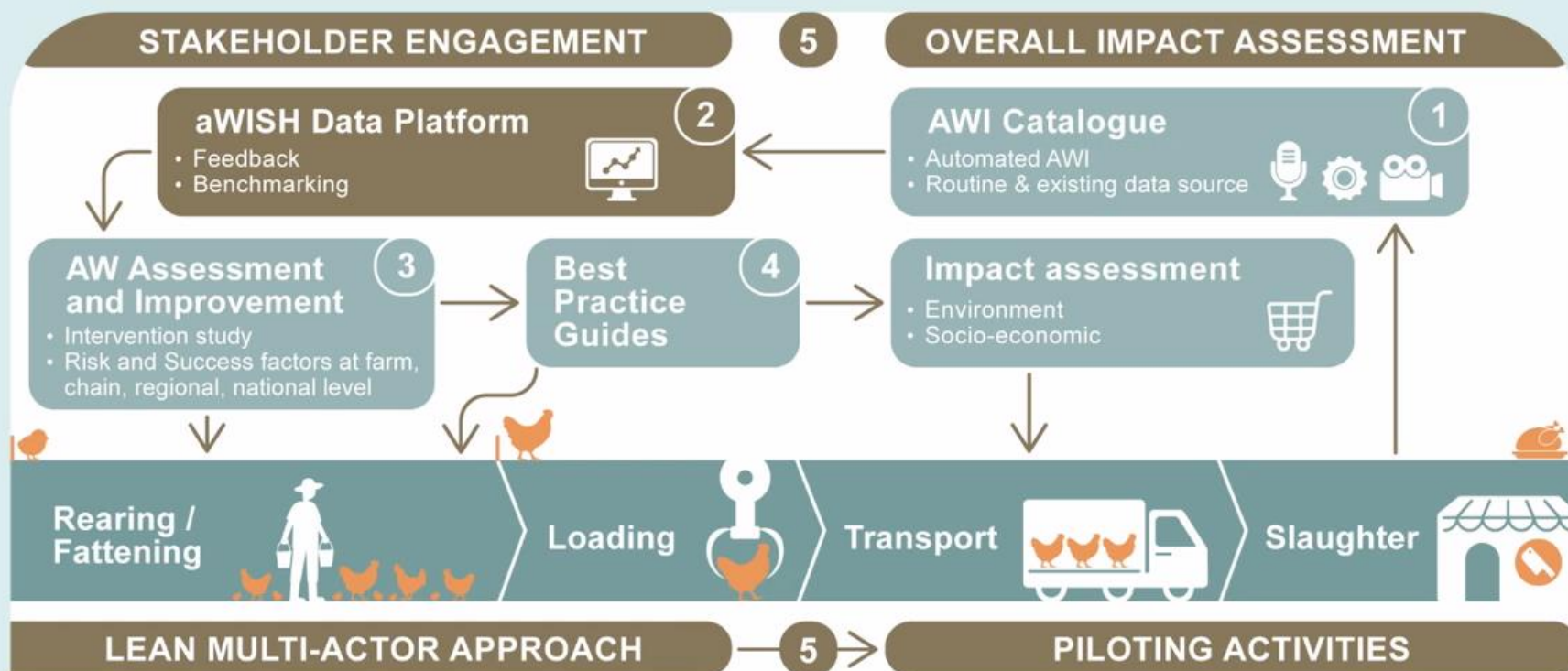
70 novel animal welfare indicators, mainly at slaughter, inclusive routine data

*stress vocalization / pain; bruises / skin lesions; liver / lungs; wing fractures;
foodpad dermatitis; tail biting; DOA / condemnations*

Specific objectives



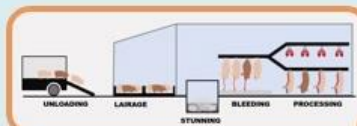
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Pilots



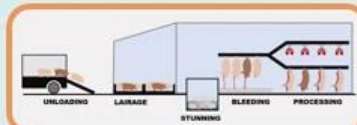
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Pilot lead: Vion
Sci. lead: UU

1

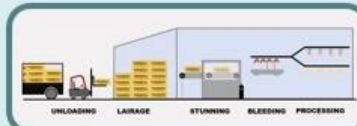
1st phase pilot



Pilot lead: Batallé
Sci. lead: UAB

2

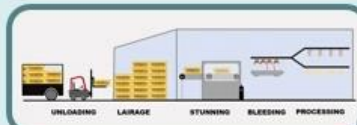
1st phase pilot



Pilot lead: Plukon – Duc
Sci. lead: ITAVI

3

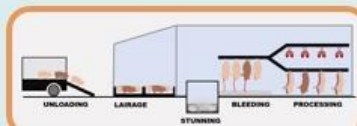
1st phase pilot



Pilot lead: Plukon – Sieradz
Sci. lead: IGBZ PAN

4

1st phase pilot



Pilot lead: Großfurtner-Higelsberger
Sci. lead: Vetmeduni

5

2nd phase pilot



Pilot lead: Carnex
Sci. lead: Biosense

6

2nd phase pilot



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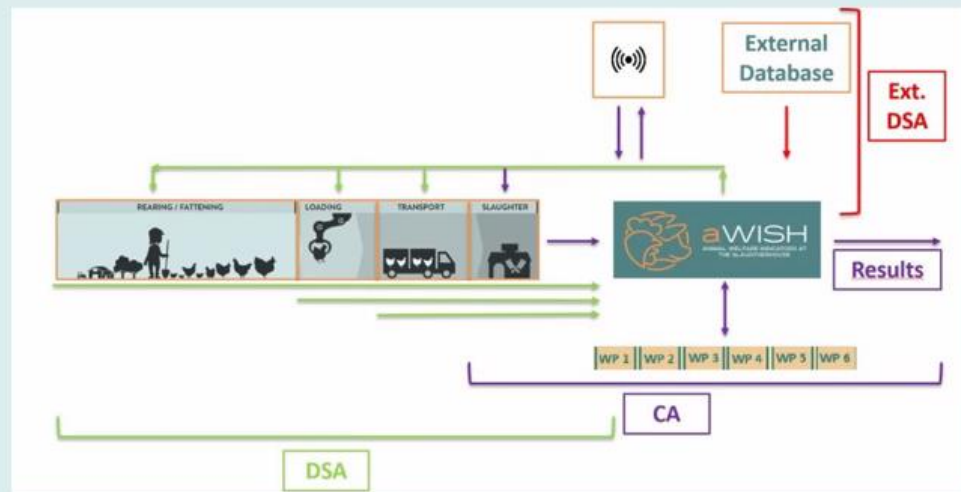


Welfare data & alerts



- Central aWISH data platform to share and visualize welfare data

- Farmers
- Catchers (broilers)
- Transporters
- Slaughterhouses
- Researchers



- Access to own data
- Researchers / pilot managers: access to aggregated anonymized data

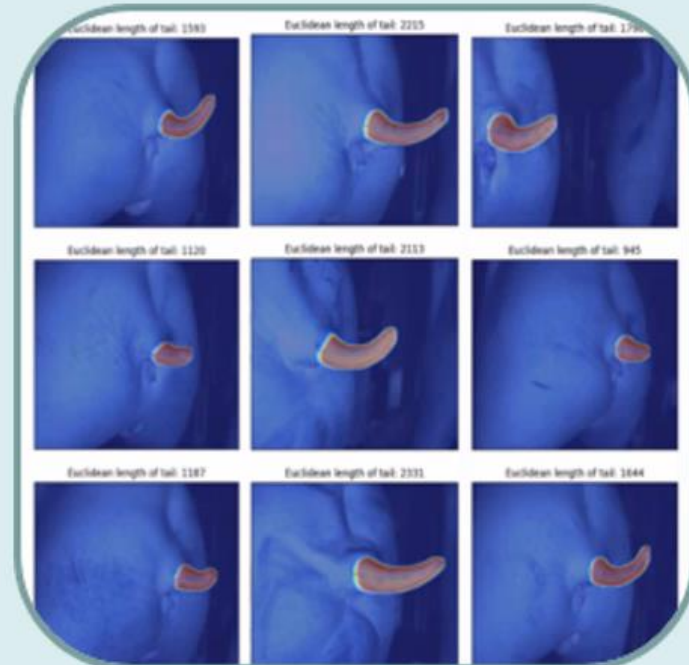
Example: tail length



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- Tail length data pilot 1(NL)
 - 3.261 records
- Two 3D Camera's after the first flame oven
- Data uploaded to the aWISH data platform



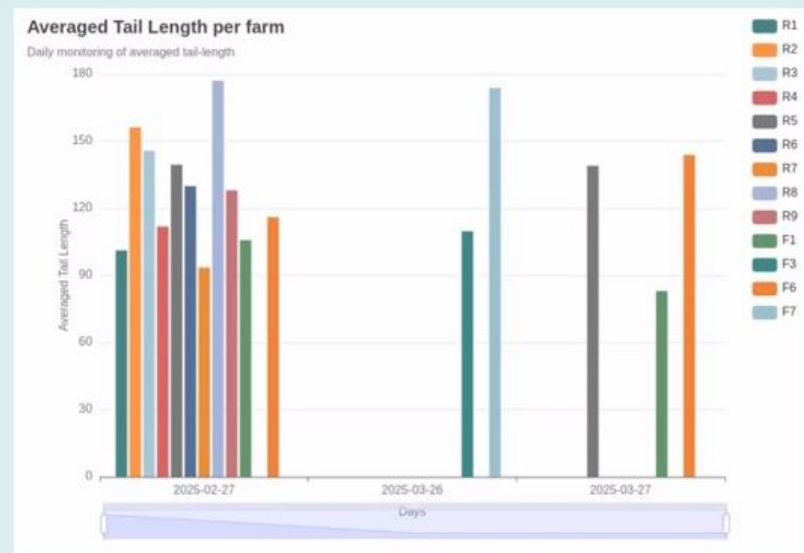
Example: tail length



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- Tail length data pilot 1(NL)
 - 3.261 records
- At farm and batch level
- Monitor development towards pigs with intact tails: measure tail damage as well



Feedback loop: improve

- Pilots and stakeholders can monitor progress over time and set goals (could also create alerts)
- Best Practice Guides available to improve performance

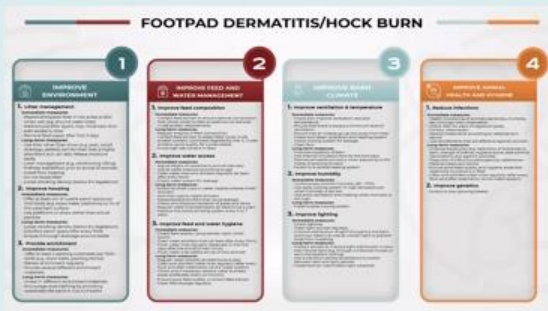
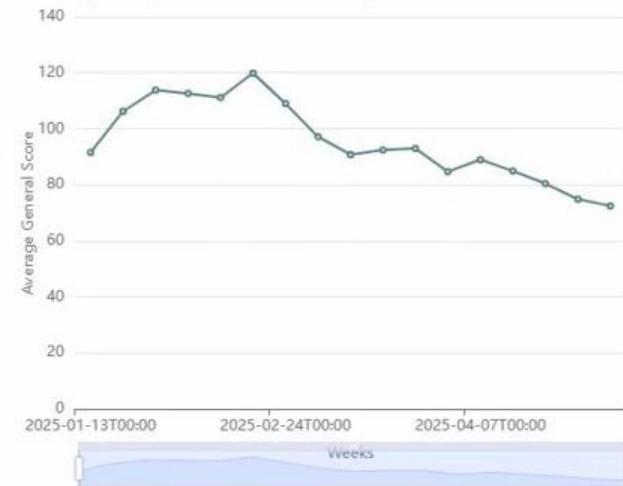


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Footpad General Score evolution over time of Pilot 3

Monitoring of Footpads General Score on a weekly basis





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