



**aWISH**  
ANIMAL WELFARE INDICATORS AT  
THE SLAUGHTERHOUSE

# The aWISH project: Animal Welfare Indicators at the SlaughterHouse

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## OVERVIEW PROJECT



Funded by  
the European Union

[www.awish-project.eu](http://www.awish-project.eu)  
[awish@ilvo.vlaanderen.be](mailto:awish@ilvo.vlaanderen.be)

# General



## aWISH

Horizon Europe project  
Research and Innovation Action

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**8 000 000 €** budget

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**24** partners | **12** countries

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**01 Nov 22 - 31 Oct 26**

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# Partners



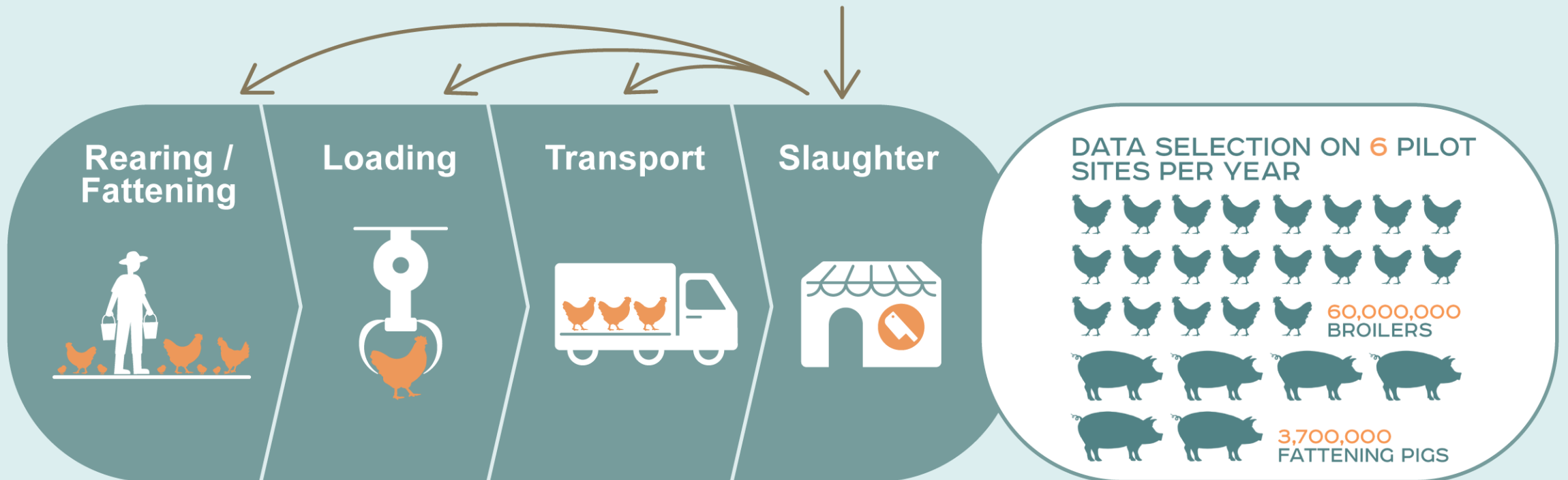
# General aim



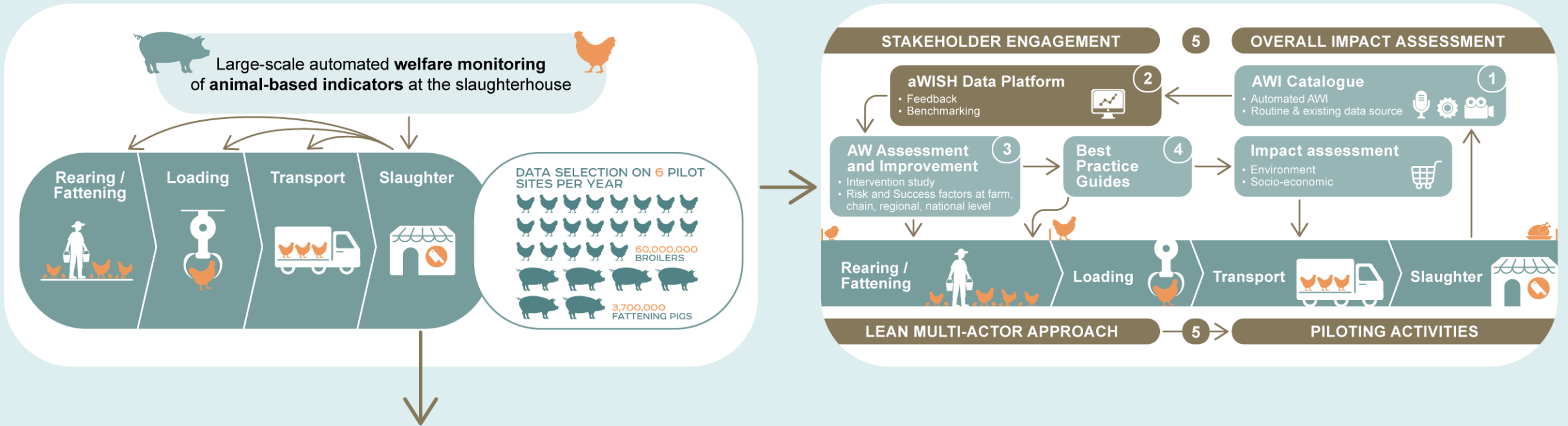
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Large-scale automated **welfare monitoring**  
of **animal-based indicators** at the slaughterhouse

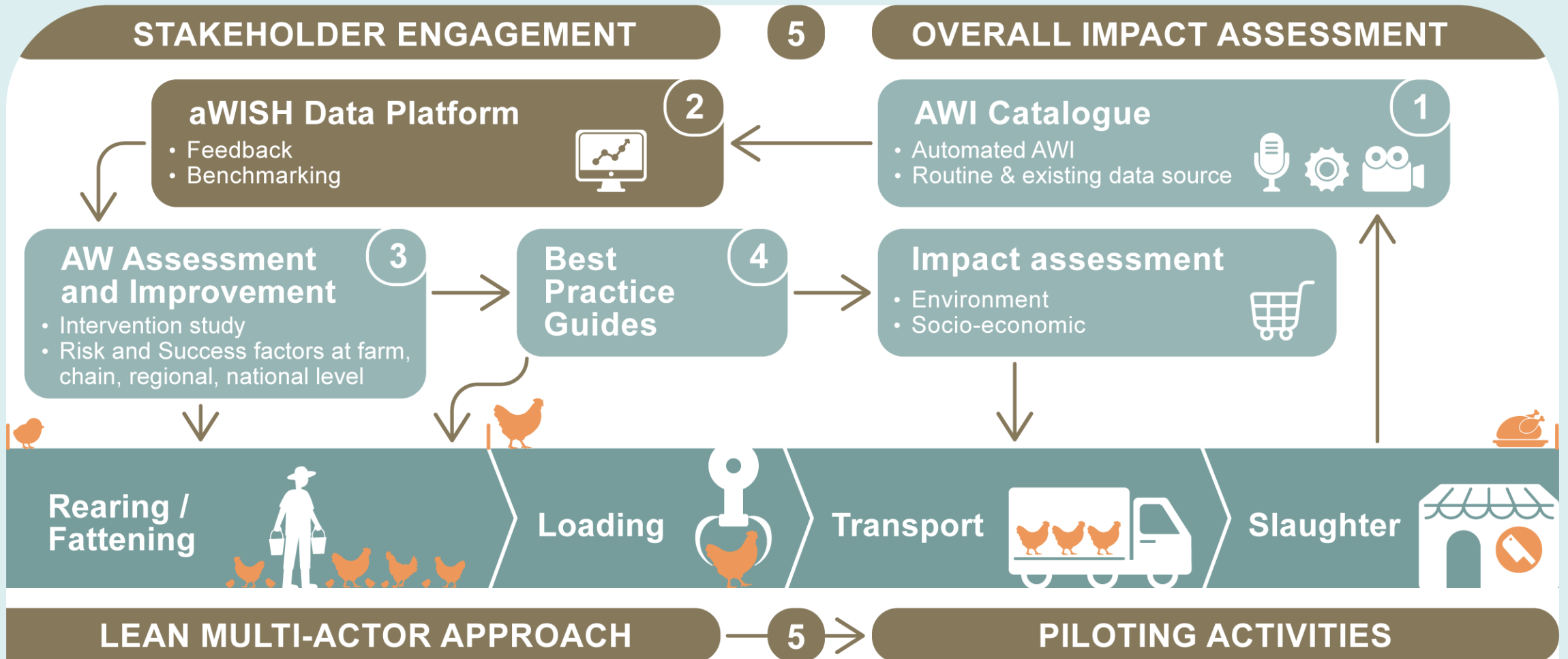


# Specific objectives

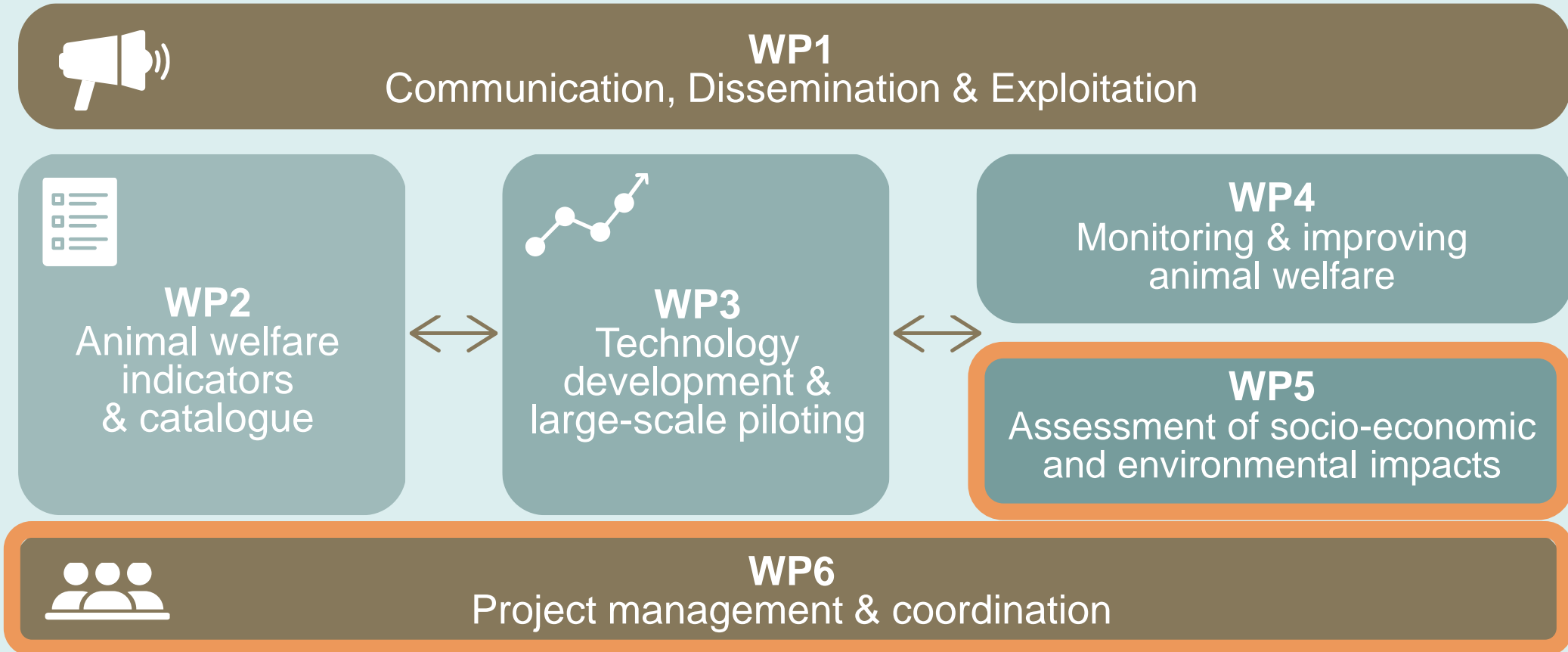


**70 NOVEL MAINLY @SLAUGHTER AWI INCL. ROUTINE DATA**  
 stress vocalization / pain; bruises / skin lesions; liver / lungs; wing fractures;  
 foodpad dermatitis; tail biting; DOA / condemnations

# Specific objectives









# Structure



**WP leaders:** (1) CONS, (2) UCPH, (3) BIOS, (4) UU, (5) TI (6) EV ILVO

# Pilots



	Pilot No.	Pilot Name	Scientific Lead	Phase
	Pilot 1	Vion	UU	1st phase
	Pilot 2	Batalle	UAB	1st phase
	Pilot 3	Duc	Itavi	1st phase
	Pilot 4	Plukon	IGBZ	1st phase
	Pilot 5	Grossfurtner	Vetmed	2nd phase
	Pilot 6	Carnex	BioSense	2nd phase





# Pilots • Pilot 3



## PILOT 3

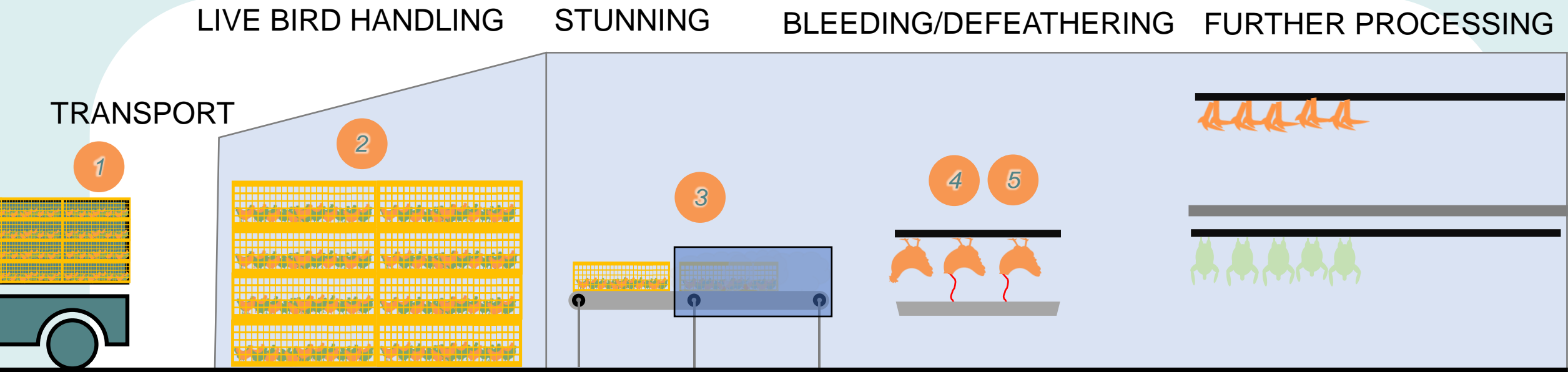
Yonne (France)  
+ extensions to France, the Netherlands, Germany, Belgium, Spain  
and Poland



# Pilots • Pilot 3



## Short overview general broiler processing and potential sensor technology



- 1 Transport monitoring (ITAVI)
- 2 Ebroilertrack Sound (ITAVI) – Broiler Vocalization
- 3 Stunning Effectiveness (Wel2be)

- 4 ChickenCheck Hockburn (CLK) – Hockburn
- 5 ChickenCheck Footpad (CLK) – Footpad lesions

### ON FARM – to be installed

- 6 EBENE (ITAVI) – App for assessing welfare on farm
- 7 Ebroiler track image (ITAVI) – individual broiler activity on farm

# aWISH project website



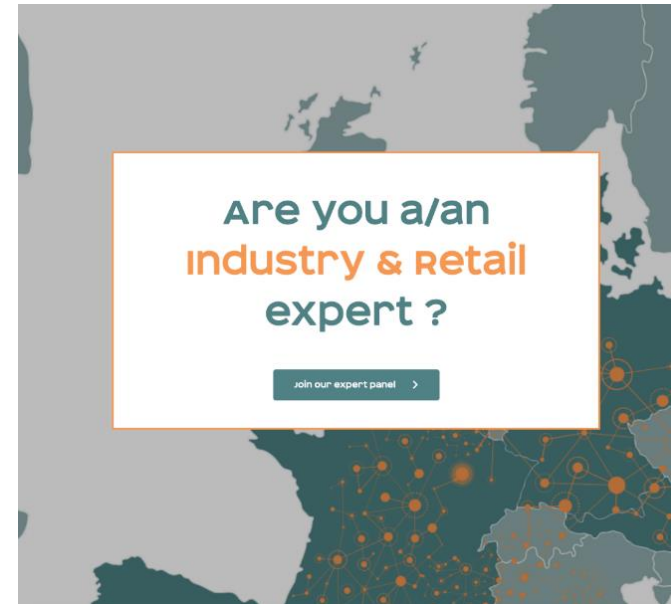
[www.awish-project.eu](http://www.awish-project.eu)

- Institutional project information
- Repository of C&D materials, tools and contents

## A word about the project

The objective of aWISH is to develop and offer a cost-efficient solution to evaluate and improve the welfare of meat-producing livestock at a large scale across Europe. This approach will be developed and evaluated in close collaboration with all actors involved, from primary producers up to policy makers and citizens. At the heart of the aWISH solution is the automated monitoring at the slaughterhouse of complementary animal-based indicators for monitoring welfare on-farm, during unloading, transport and slaughter, besides that, existing or routinely collected data (slaughterhouse data, antibiotics usage, farm data, etc.) and needed technologies on farm or on-transport to complement the measurements at slaughter will be exploited. Mining and development activities will be done in a broiler chicken and fattening pig production chains across Europe (FR, PL, ES, NL, AT, etc.) using a lean multi-actor approach, in order to test and validate the project results. Novel sensor technologies and AI algorithms will be developed, and a

feedback tool and interface will allow each actor in the chain to get direct feedback of each batch, visualize trends and benchmark animal welfare outcomes, an animal welfare indicator catalogue will disseminate all validated indicators and standardized data collection methods from the pilot data, animal welfare initiatives taken at operator, chain, regional or national level will be assessed alongside their environmental and socio-economic impact at operator and sector level. Next to that, a best practice guides will be developed to improve key welfare issues in pigs and broilers, and to help external actors deploy the aWISH technologies and feedback tool. How the feedback loop guides and motivates each party to take actions to improve animal welfare will be tested in a longitudinal study, and the needs, perceptions and barriers of all actors from farm to fork and the consumer will be researched to maximize impact of the aWISH results.



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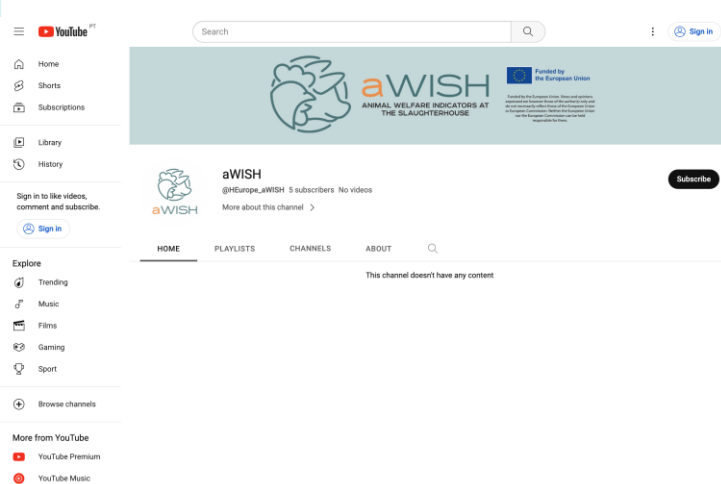
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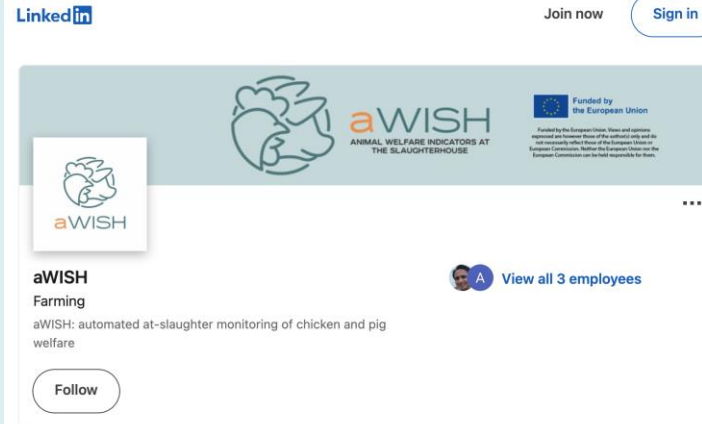
# Social media channels



## YouTube



## LinkedIn

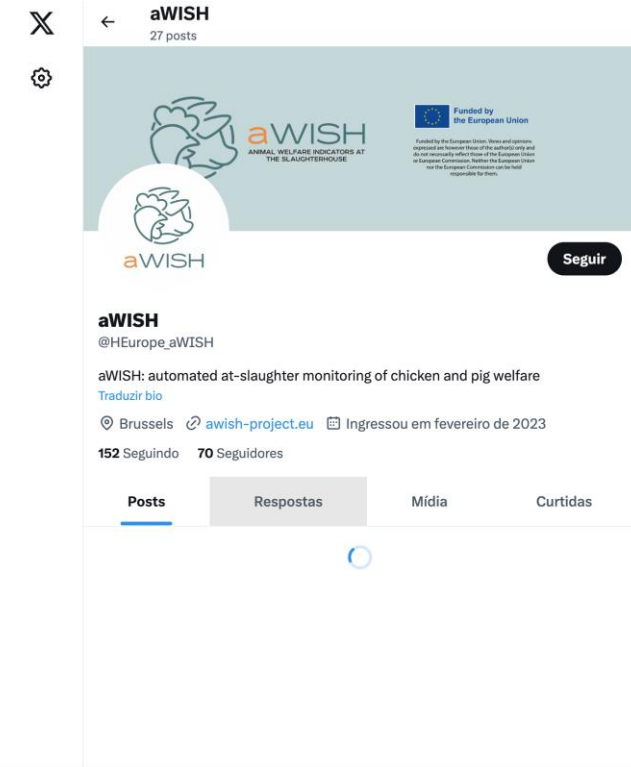


### About us

Horizon Europe project aWISH is develop and offer the capacity to evaluate and improve the welfare of meat producing livestock throughout Europe via automated monitoring of animal-based welfare indicators at the slaughterhouse. (101060818)

Website	<a href="https://www.awish-project.eu/">https://www.awish-project.eu/</a>
Industry	Farming
Company size	11-50 employees
Headquarters	Brussels

## Twitter





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Join the expert panel?

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