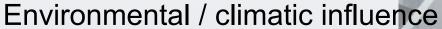


The future is not 'only' welfare

- it is a more sustainable production







Social responsibility Including pig welfare

Long term investment and daily management



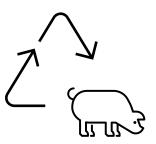


Future proof-housing

- There is an increasing global population and demand for food
 - → There is a need and future for pig production
- Animal sourced food should be produced in a sustainable way
 - → Focus on environment, welfare and economics
 - → We need to understand interactions, connections, dependence, influence..., compromises
 - → Europe can do this











What is WelFarmers Project?

The WelFarmers Project is a collaborative initiative aimed at improving the welfare of pigs within the European Union. Funded by the Horizon Europe Program, WelFarmers will set up eight national innovation networks from eight different countries and will put together pig farmers, advisors, veterinarians, and researchers to address the challenges of the upcoming change in the European pig welfare legislation.

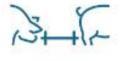


A unique collaboration









Castration Space avoidance allowance

- 8 countries
- 56 % of EU pig production
- Different realities
- Each country represented by pig producers and university/R&D-organisation









France





















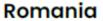
Portugal



















The <u>'End the Cage Age'</u> initiative was submitted to the Commission on 2 October 2020, having gathered 1,397,113 statements of support. See <u>press release</u>.

In its response to the ECI, the Commission commits to table, by the end of 2023, a legislative proposal to phase out, and finally prohibit, the use of cage systems for all animals mentioned in the Initiative.

In particular, the Commission's proposal will concern:

- Animals already covered by legislation: laying hens, sows and
- Other animals mentioned in the ECI:rabbits, pullets, layer bree
 ducks and geese. For these animals, the Commission has alre
 Food Safety Authority) to complement the existing scientific ex
 conditions needed for the prohibition of cages.





Space allowance – traditional farrowing crate

- 1,6 x 2.6 m \approx 4.2 m²
- As the sow is restricted from turning a high hygiene is obtained even if limited sltted area

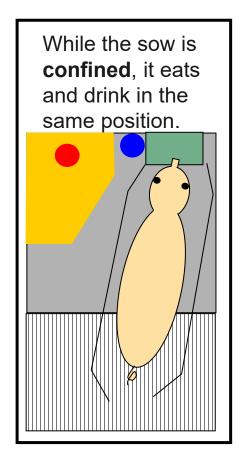


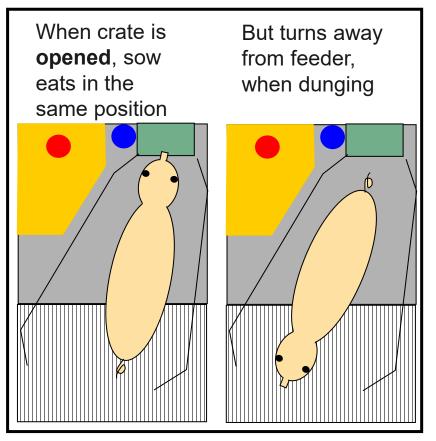




Development

- Opening farrowing crates
 - They will not be opened –
 because of bad hygiene
 - Sows eat, drink, dung + uniate
 - But <u>NOT</u> in the same position
 - Sows need more space
 - Caretakers access to creep area





Very difficult ('impossible') to use same footprint and flooring for permant crate and for loose



Development

- Equalsided pens
 - 240*240
 - 2009-littersize
 - Sows dunging behaviour - fully slatted

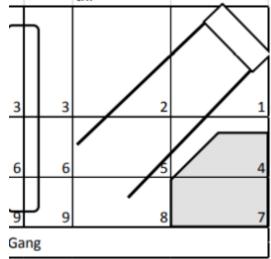


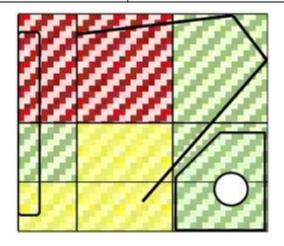
Figur 6. So opbokset kortvarigt omkring faring.

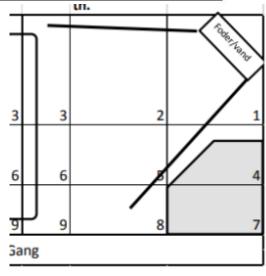


Figur 7. Løsgående so.









Space allowance

- Pen size
 - Recommendations from EFSA
 - 7.8 m² ≈ piglet survivability loose farrowing at same level as permanent crating
 - 4.5-9.8 m² (+1.2 m² for piglets)
 - German requirement
 - 6.5 m²
 - Loose sows → turn around → larger or fully slatted to ensure high level of hygiene
 - Turning space
 - At least 160 cm





Recommendations – SPACE

Pen footprint (m²)

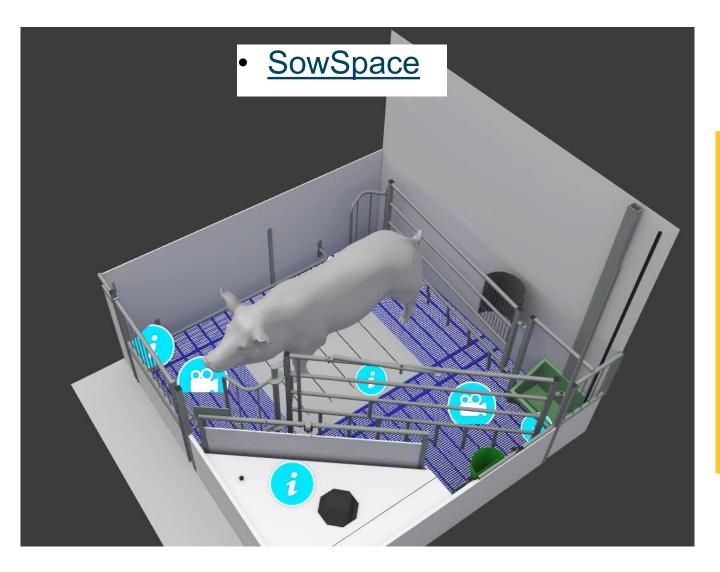
- Minimum pen size should be 6.5m²
- Minimum length of 250cm in at least one dimension
- Unobstructed turning width of at least 160 cm

Pens must include a portion of solid **flooring**:

- Comfortable and safe piglet creep area
- To retain enrichment/nesting substrate
- Thereafter base design decisions on:
 - pen size and shape
 - slurry management
 - choice of substrate



Future housing of lactating sows



To improve sow welfare - sows are to be loose housed in all of Europe

- Pens need to be significantly larger
- Slatted area need to be significant larger
- Emissions are higher



More information can be found in eg:



Baxter et al (2025) End the Cage Age...

Animal board invited review: The need to consider emissions, economics and pig welfare in the transition from farrowing crates to pens with loose lactating sows

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Review of Temporary Crating of Farrowing and Lactating Sows

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Transitioning from crates to free farrowing: A roadmap to navigate key decisions

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Moustsen et al (2025) Sows turn unhindered...



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