

## | Background

- Animal welfare gains more and more interest for consumers, authorities and farmers
- Defined by FAWC as complying with 5 freedoms (FAWC, 2009\*)
- Objective methods for farm animal welfare assessment are scarce
- European reference = Welfare Quality® protocol but time and resources-consuming
- Providing farmers an easy, fast and cheap tool to assess the welfare of their animals at an individual level is desirable.

## | Objectives of the project

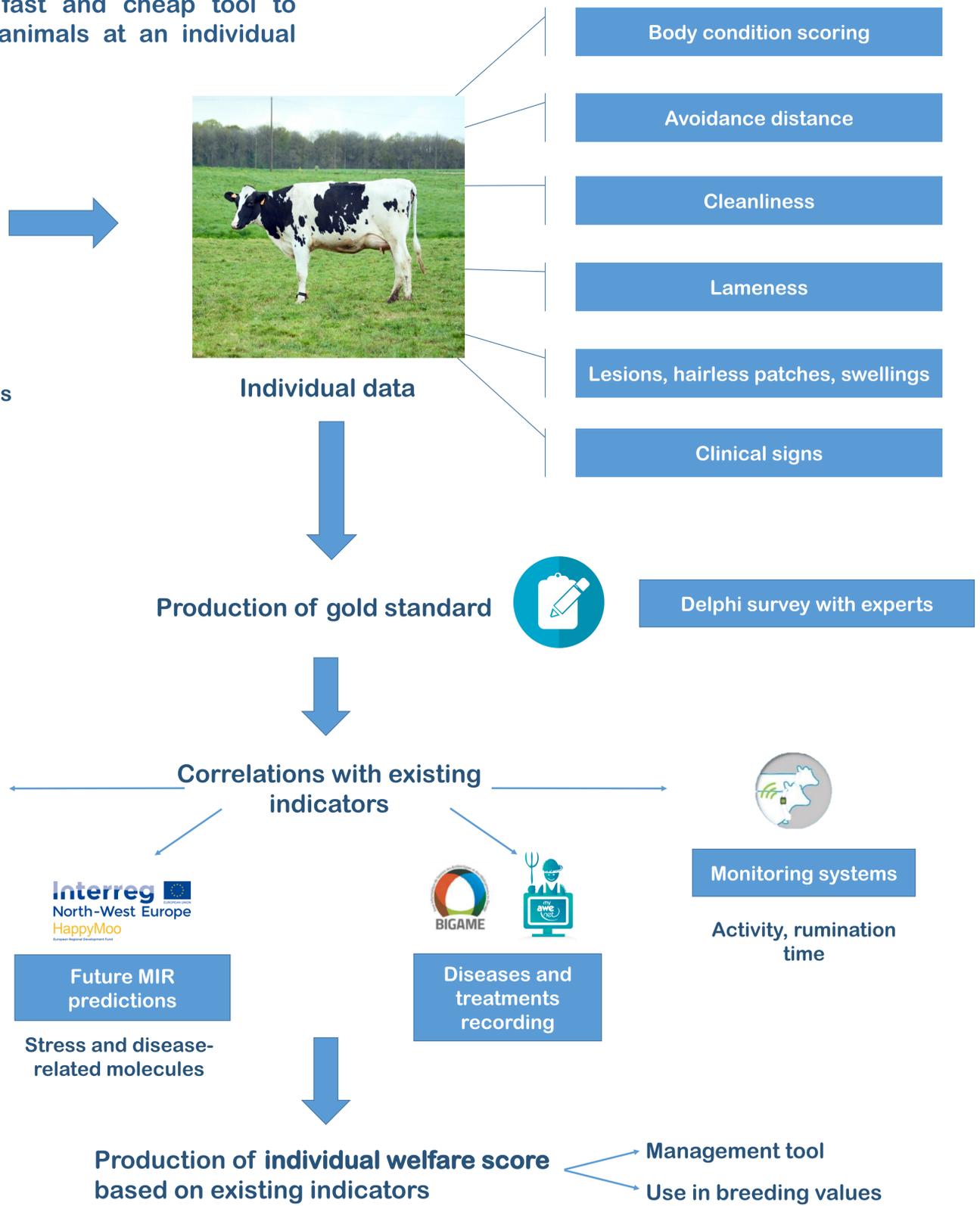
- The objective of the project is to produce an individual welfare score for dairy cows, using existing data
- This welfare score could be used as a management tool for the farmer, to point out problems related to the barn or to the animal itself (non-resilient animals)
- A welfare score at the individual level could be very useful for genetic selection, and the use of this score in the calculation of the breeding value is considered.

## | Methods



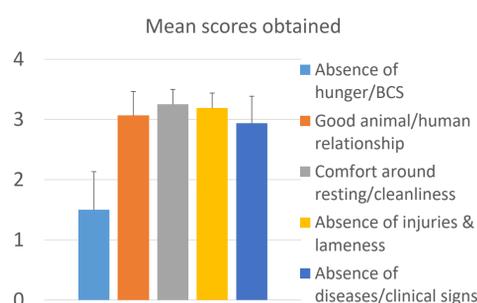
Selected farms (18):

- Participation in milk recording
- Equipped with monitoring systems



## | First results

- Calculation of scores with the WQ® protocol
- Most cows present injuries and lameness, with a poor relationship with humans; they are fed correctly
- 1= excellent, 4= unacceptable.



## | Conclusion

So far, the farm visits (maximum +4 days after milk record) have been carried out and the Delphi survey is in writing phase. The purpose of the project is to end up with a easy management tool for farmers that could in addition be used in the calculation of the breeding values.