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## Background

- ☒ Animal transport vehicles can be a risk for the transmission of pathogens between cattle farms.
- ☒ There are limited data about biosecurity practices on animal transport.

## Objective

Characterization of biosecurity in cattle transport, and identification of barriers and limitations toward its implementation.

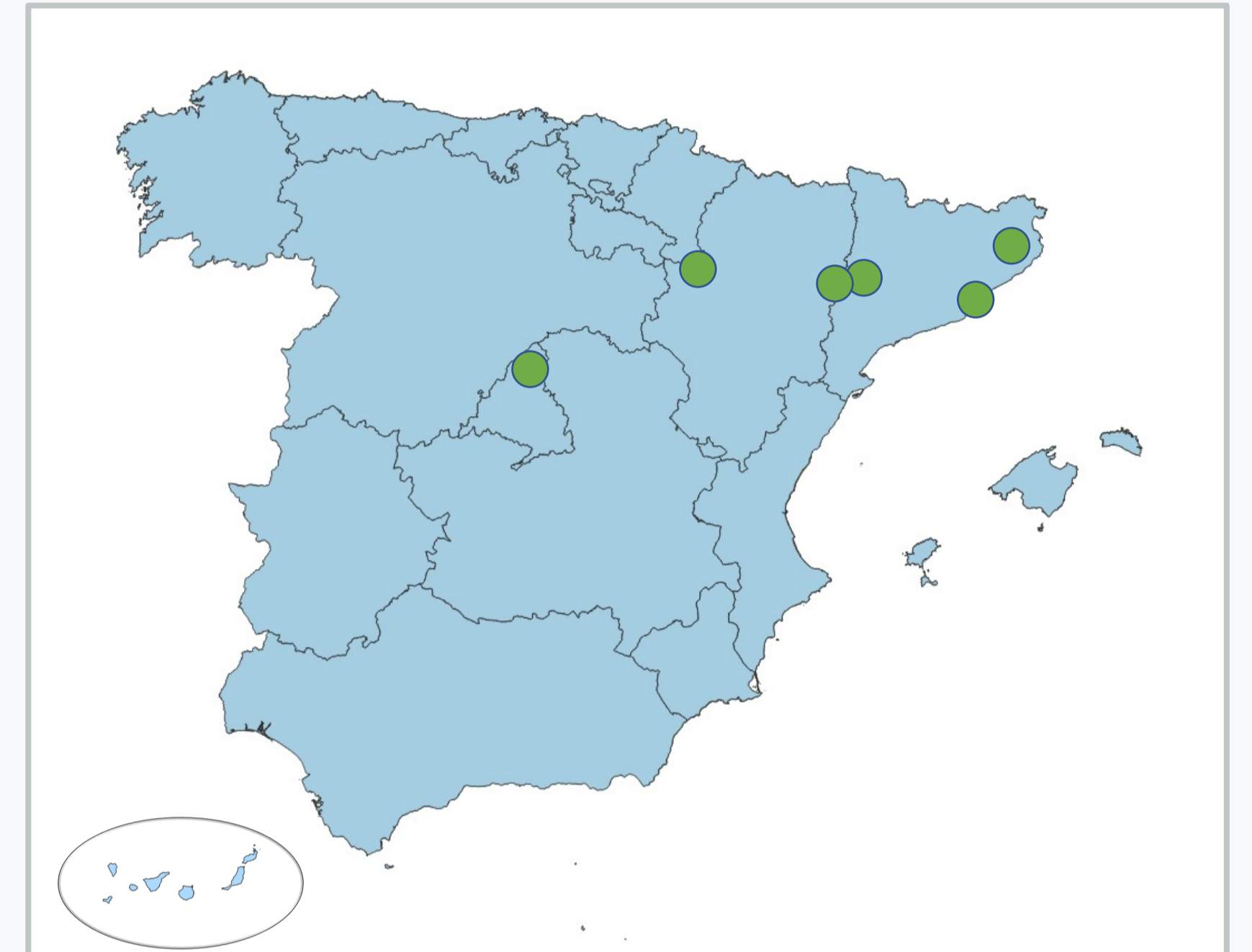
## Methods

- ☒ Explorative interviews with truck drivers.
- ☒ Design of a survey. Main sections:
  - Number of travels / week.
  - Farms visited per day and their production type (dairy / beef).
  - Biosecurity practices during loading/unloading cattle.
  - Clean & disinfection (C&D) of trucks and clothes.
- ☒ Conduct the survey (face-to-face or by phone):
  - Estimated sample size ≈90.
  - Drivers from all Spain.
  - Local and international routes.
- ☒ Descriptive analysis.
- ☒ In-deep interviews with drivers to identify barriers toward the implementation of certain biosecurity measures

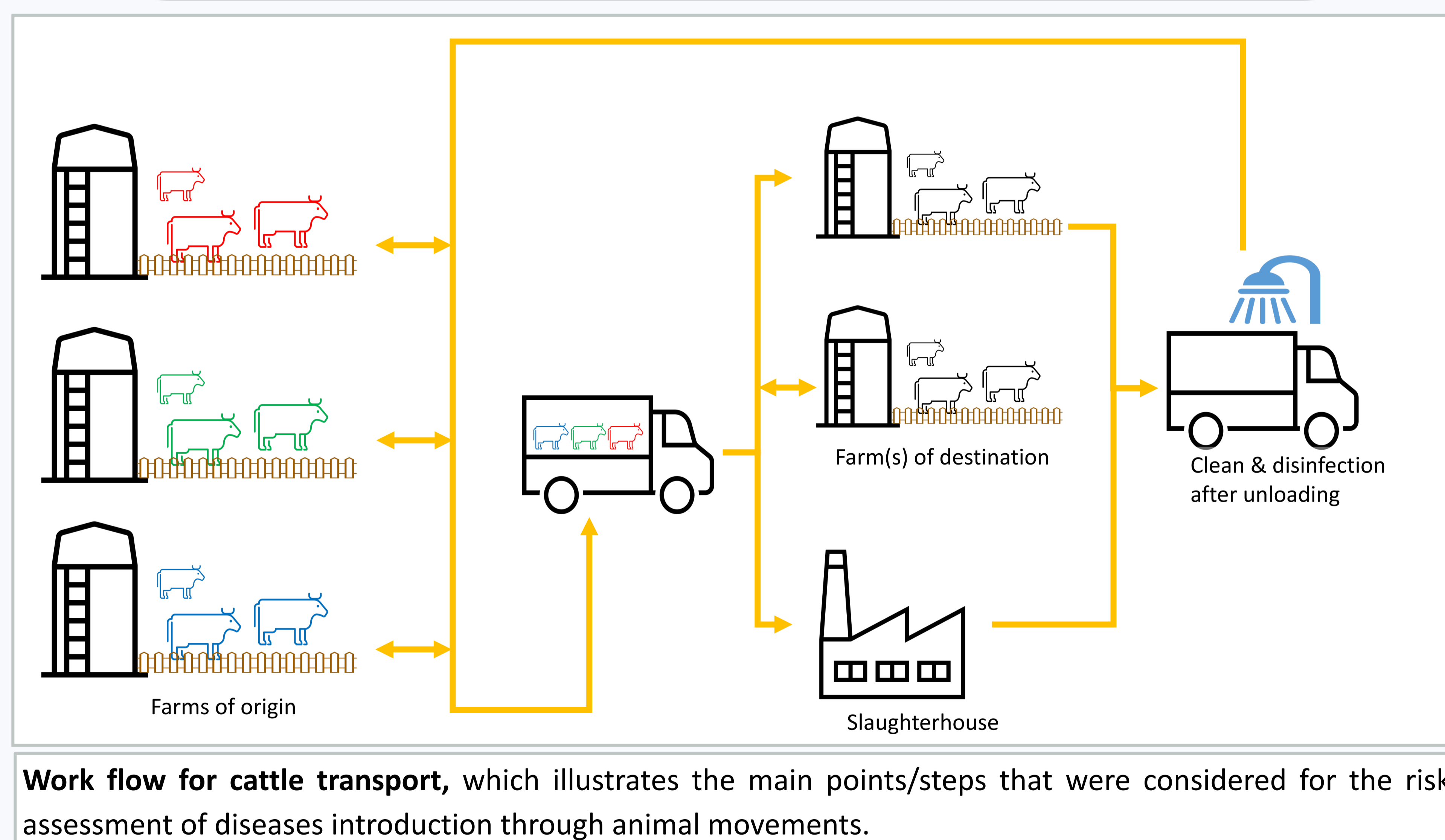
Concluded

Ongoing

Planned



Green spots represent the location of drivers that have already been surveyed.



## Results

- ☒ 8 surveyed drivers:
  - Typically 1.5 (1.0 - 2.0) travels/day, but sometimes reaching 3.0 travels/day.
  - 87.5% answered that they enter the perimeter of the farm very frequently.
  - 62.5% of drivers “very frequently” have contact with cattle that will remain on the farm.
  - 52.3% (Q1 22.5% - Q3 91.2%) share transport with animals from different farms.
  - 100.0% of drivers C&D the truck after unloading.
- ☒ Most common measures implemented were exclusive work clothes to load/unload animals and C&D of the truck.

## Discussion & Conclusions

- ☒ Even though 100% of the drivers C&D the transport after use, they also reported that facilities were not always adequate for C&D activities.
- ☒ Preliminary results suggest that some animal transport practices should be reviewed to reduce the risk of pathogen transmission.

## Acknowledgement

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