



Business case: the benefits of transporting carcasses over live animals

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Human Behaviour Change for Life

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Presentation contents

- Insights into the process, route, data
- Next steps

Goal: The business case for a carcass trade, where animals are slaughtered close to the farm of origin is enacted

Industry, cultural and societal shift and alignment



Stakeholders understand the benefits and actively support the business case for change



Industry changing from live animal movement to carcass trade



- To achieve the goal:
1. understand the situation;
 2. set out the case for change;
 3. provide a pathway forward

The business case – research findings

Live animal trade: almost 2.5 times more expensive per kilo than carcass trade = increased cost and reduced profit.



Live animal trade: CO2 equivalent emissions nearly 6 times greater than carcass trade per kilo of meat.



Society seek a carcass trade and move away from long-distance transport of live animals.



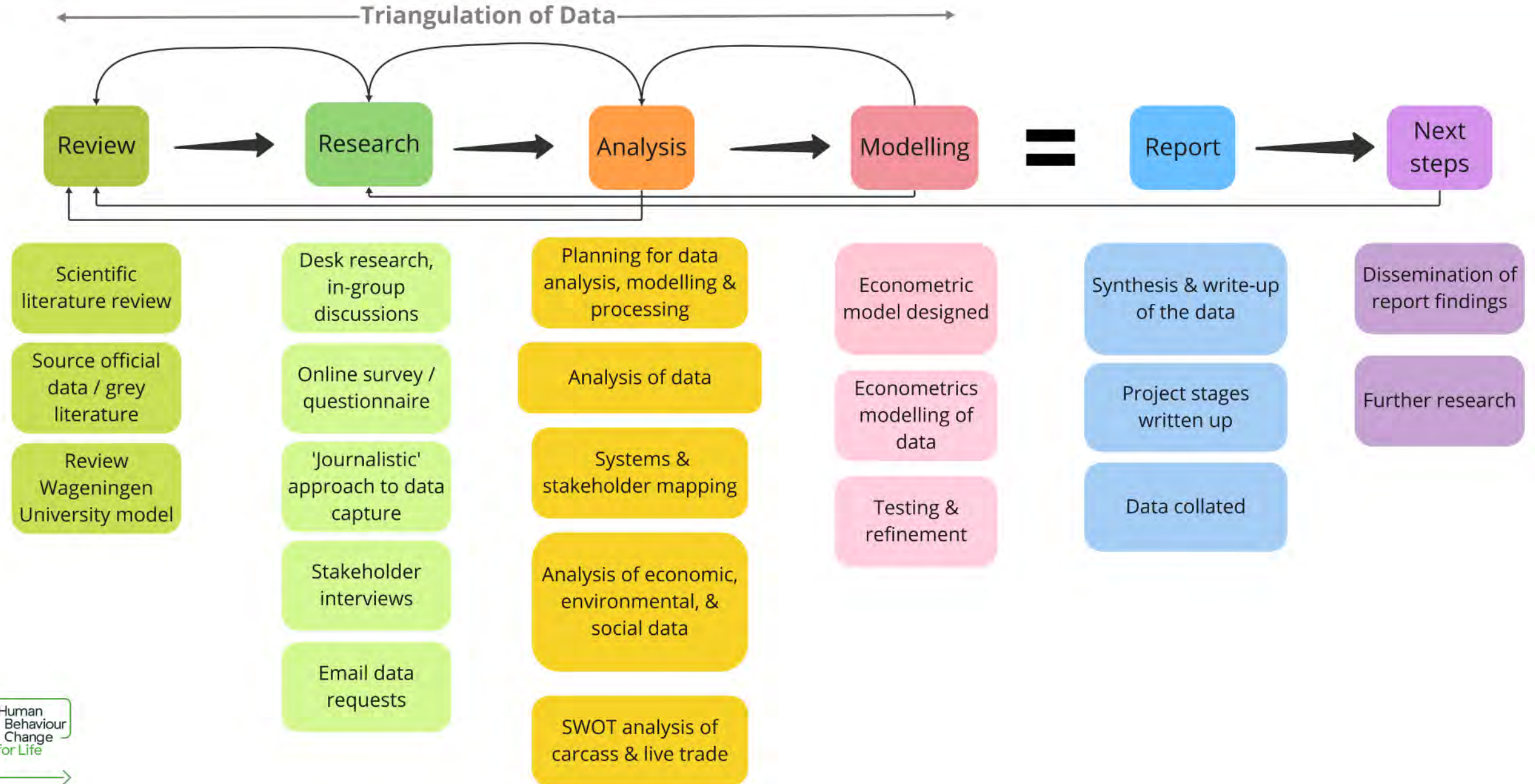
Slaughter close to farm of origin removes the need for long-distance transport.



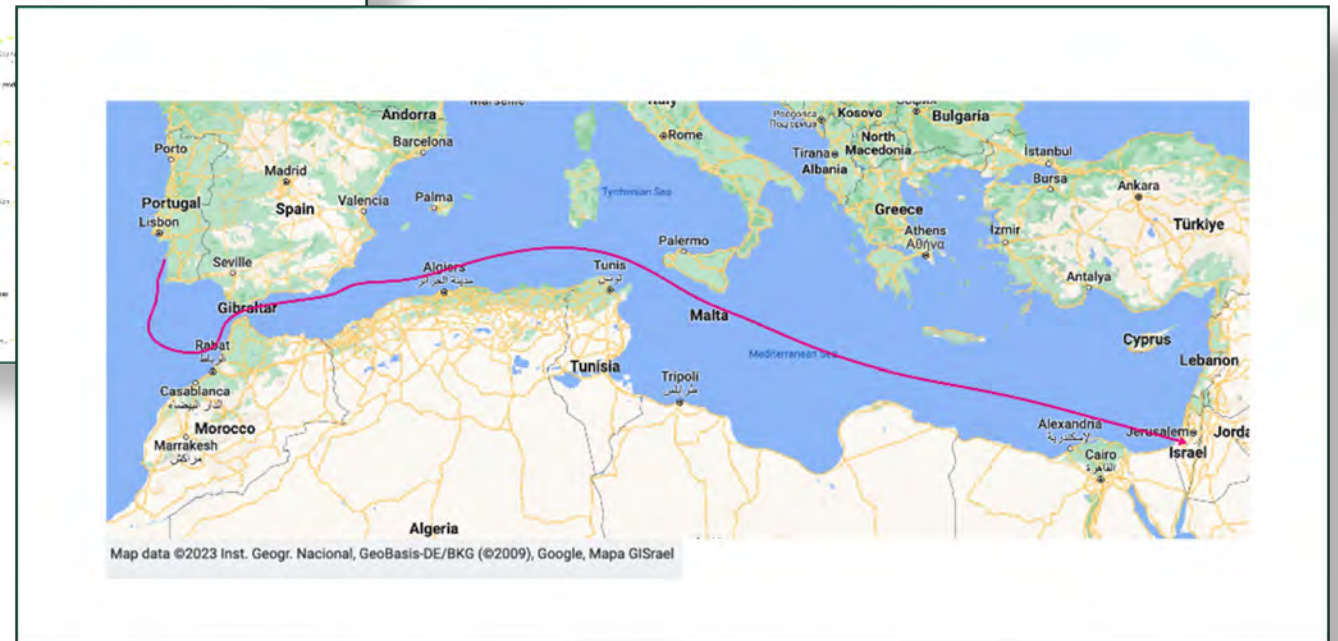
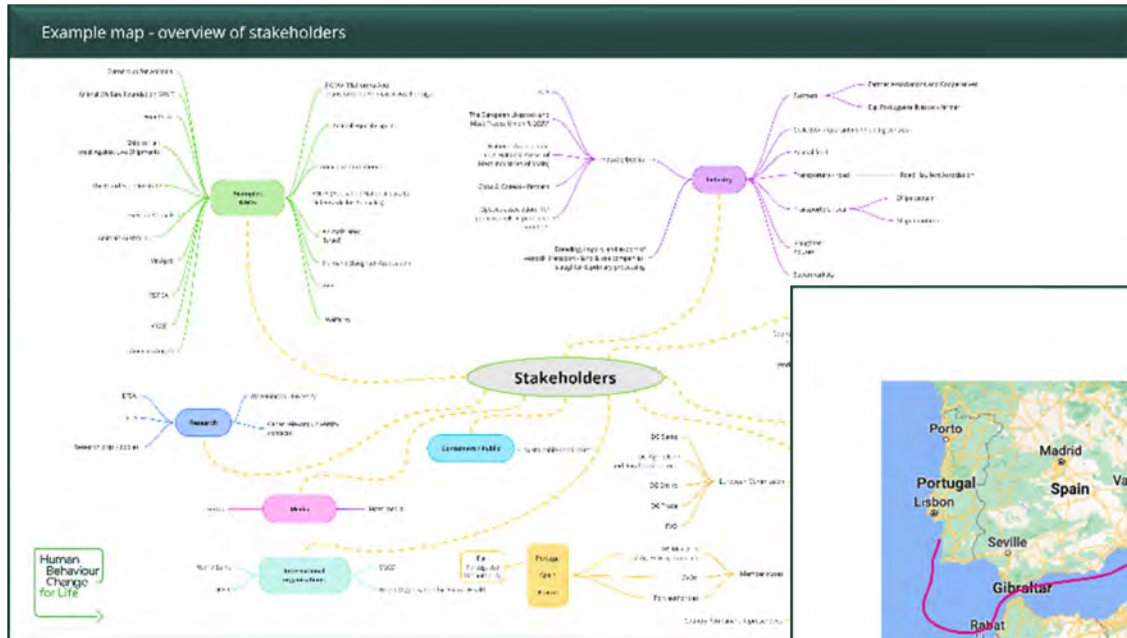
A compelling case for change:

- Save money and increase profit.
- Reduce the negative impact on the environment.
- Align with societal views and beliefs.
- Reduce the risk of spreading disease among humans and other animal species.
- Improve and protect animal welfare.

Project process and methodology



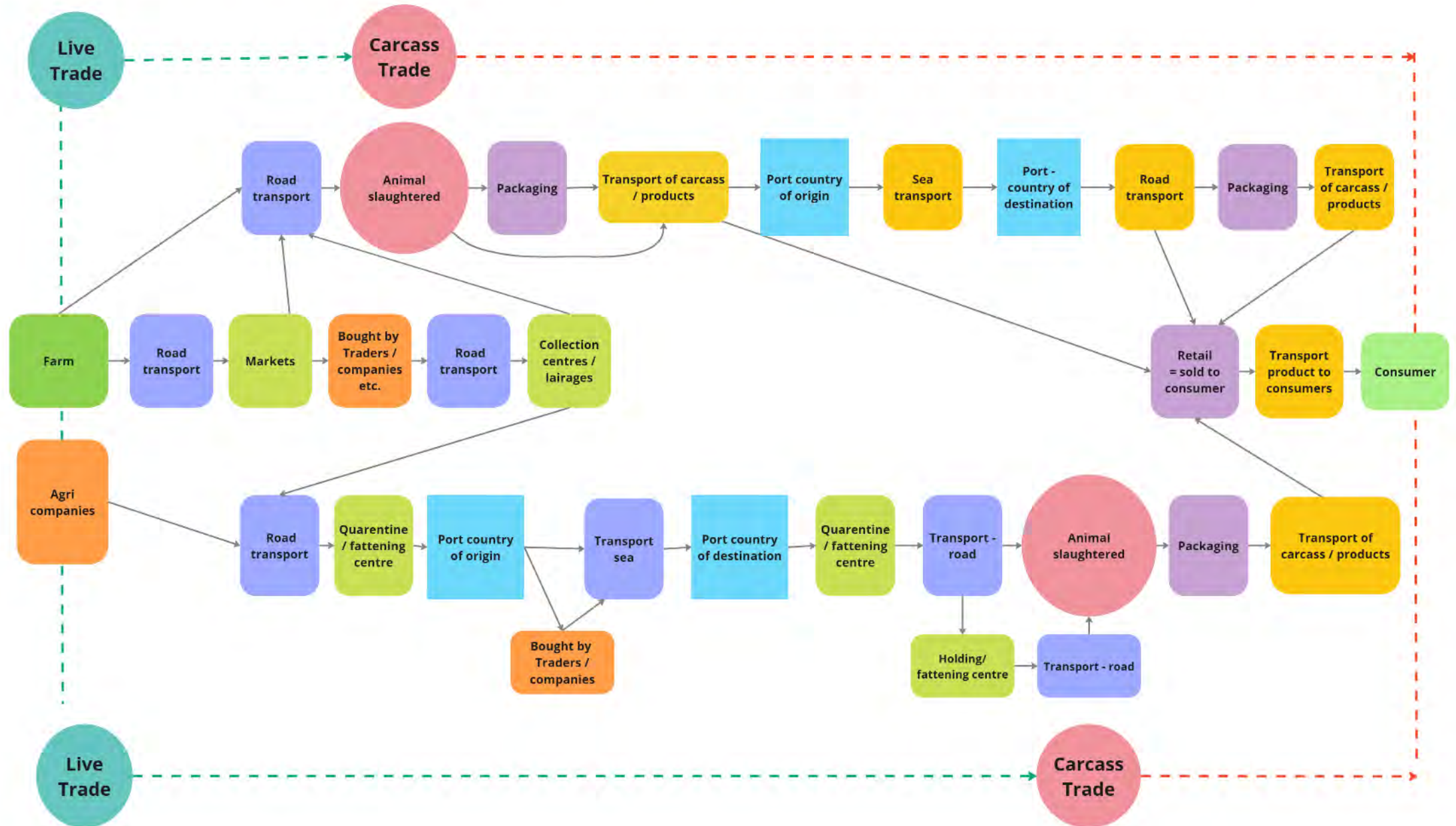
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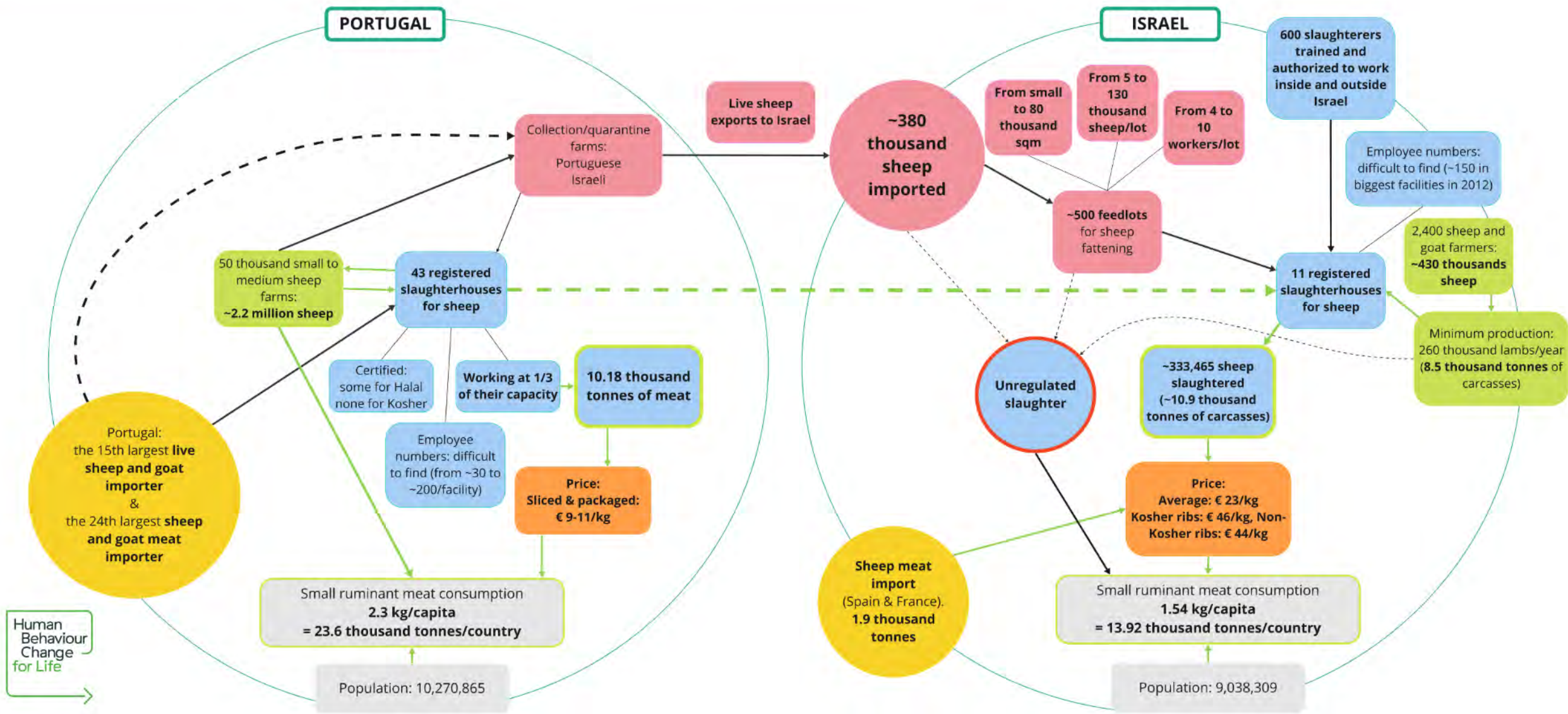
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Example systems map of the carcass compared to live animal trade



Case Study results: economic and social aspects of the trade in sheep between Portugal and Israel



Modelling the case study

SCENARIO 1



Animals transported from the farm/collecting centre to the quarantine centre in PORTUGAL



Animals from the quarantine centre in the port of SINES in PORTUGAL to HAIFA in ISRAEL



Animals transported from the port of HAIFA to the feedlot



Finishing of the animals at the feed lot in ISRAEL



Transport from the feedlot to the slaughterhouse in ISRAEL



Animals slaughtered and processed in ISRAEL

SCENARIO 2



Finishing stage of the animals on farm in PORTUGAL



Animals transported from the farm/collecting centre in PORTUGAL to the slaughter house in PORTUGAL



Animals slaughtered and processed in PORTUGAL



Transport of frozen carcasses from the processing centre to the port of SINES in PORTUGAL



Transport of frozen carcasses from SINES (PORTUGAL) to HAIFA (ISRAEL)



Frozen carcasses transported from the port to the processing centre in ISRAEL



The case for change – opportunities for all



Business = save money, time, resources; possibility to increase profit margins, reduce cost to consumer



Environment = reduced emissions, use of fuels, less resources used



Society = in alignment with public beliefs and values, reduced health risks



Animal welfare = sustainable improvements



Summing up

Considerations



Complex system



Need to engage

Next steps



Further application of research approach



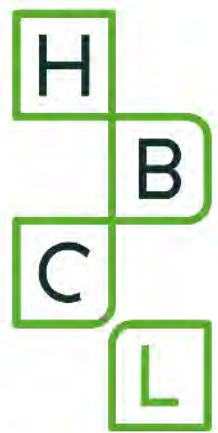
Enactment of the business case



Thank you for listening

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Embrace the human side

