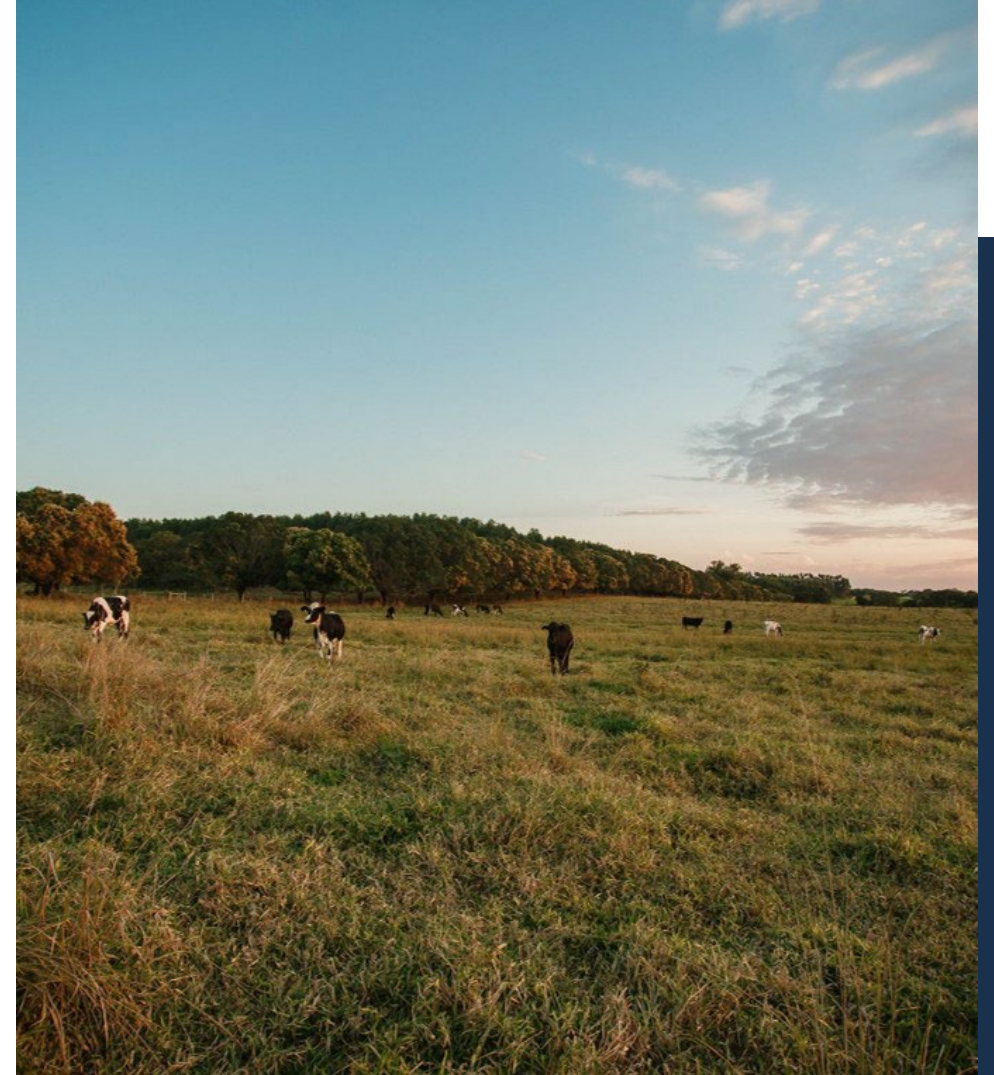


# Meat industry optimization

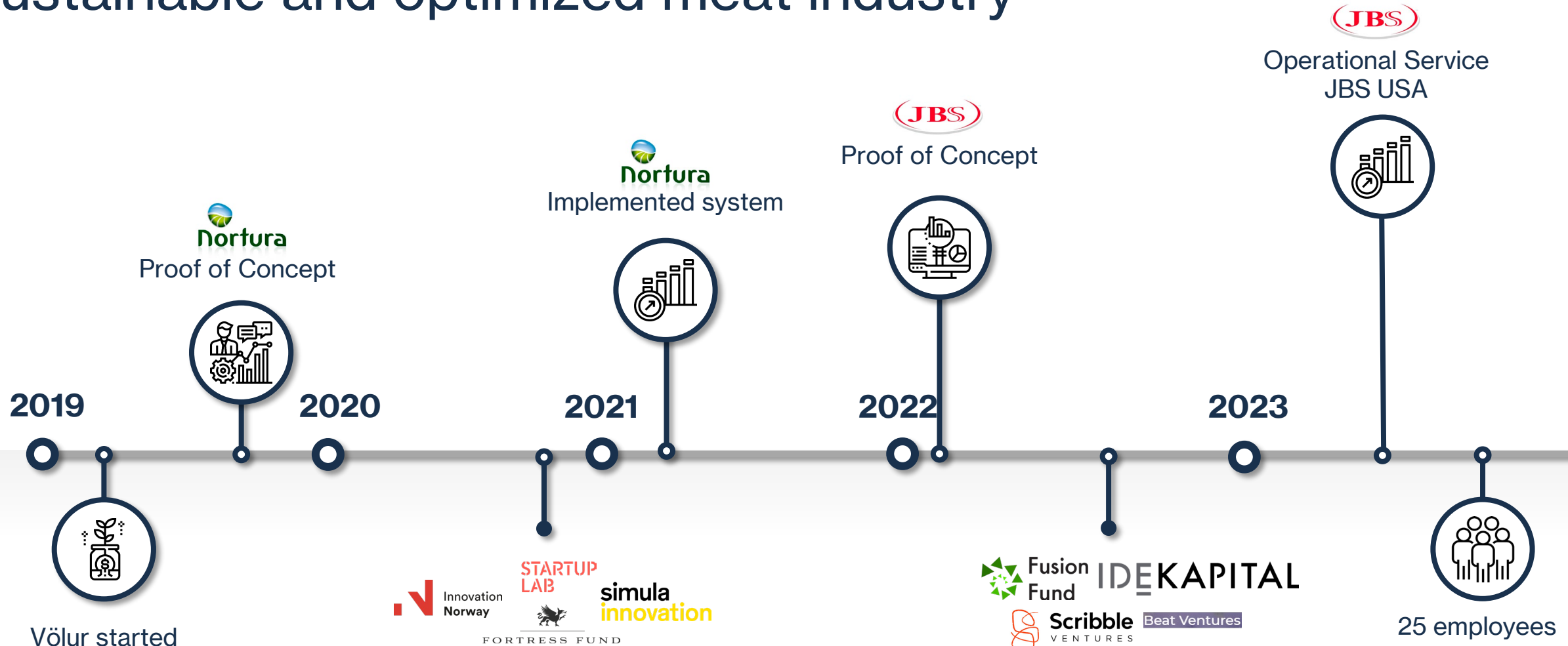
Combining data and AI to create a more sustainable and optimized meat industry

**Robert Ekrem | Co-founder & CEO**



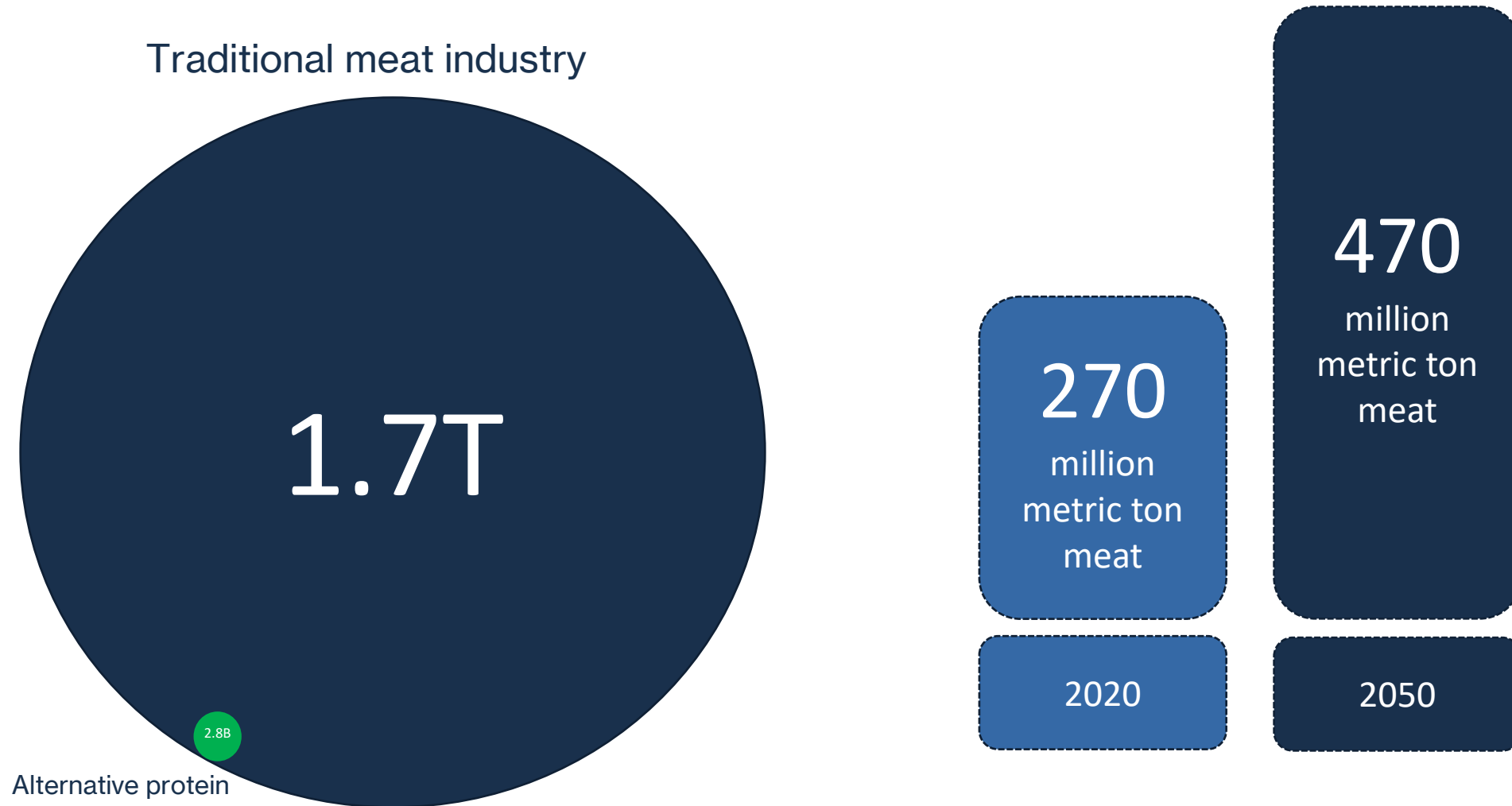


# We are on a journey to use data and AI to make a more sustainable and optimized meat industry



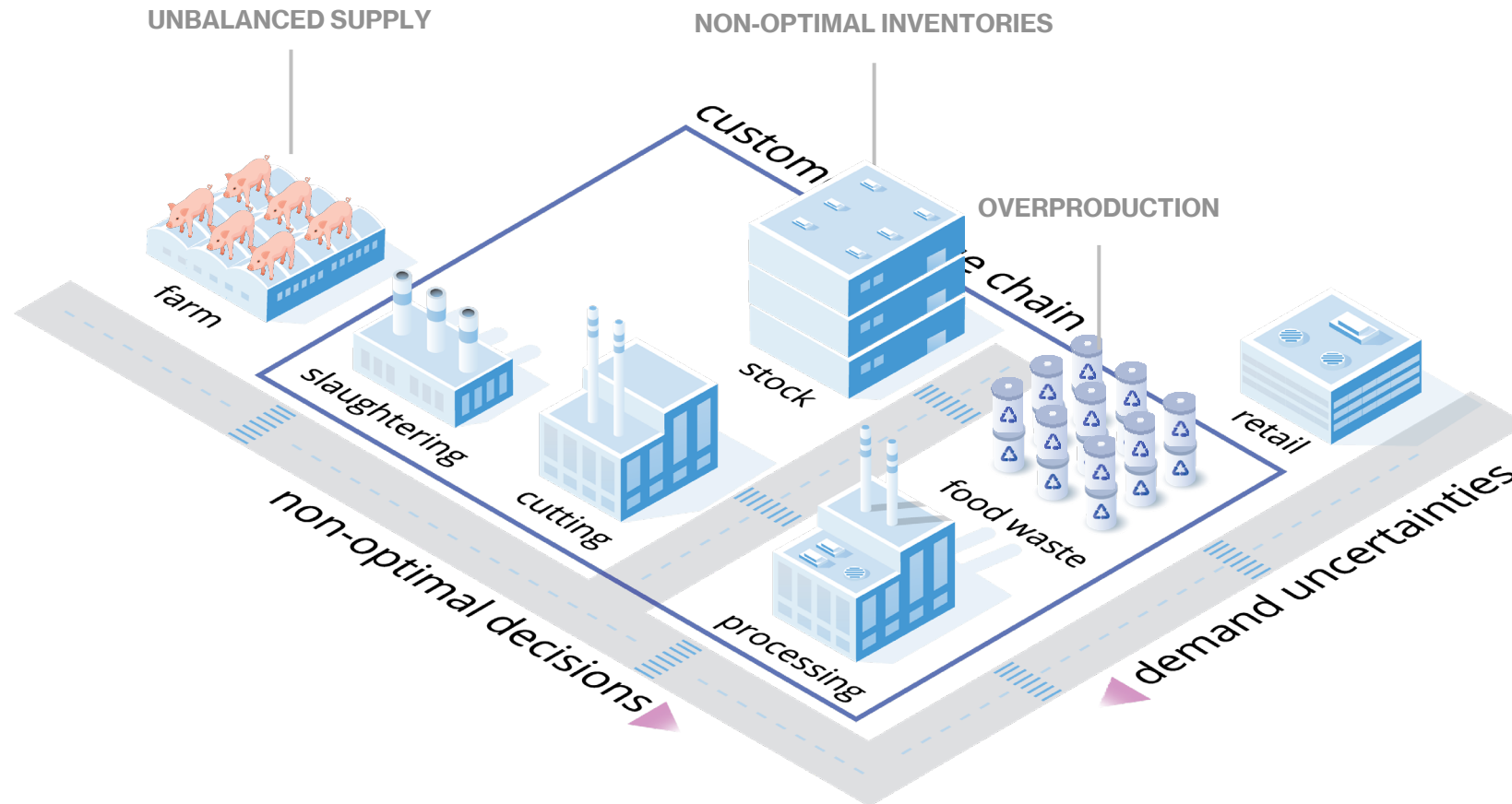


# The meat industry size and expected development





# The meat industry needs to get the most out of every animal and that is extremely complex



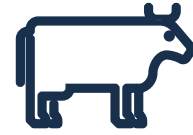
1. Not knowing how many animals that are needed
2. Overshooting of animals to deliver demand
3. Pushing the remaining products into the market
4. Having larger inventories than needed

**~40 000**  
COMBINATIONS



# Customer example on the complexity

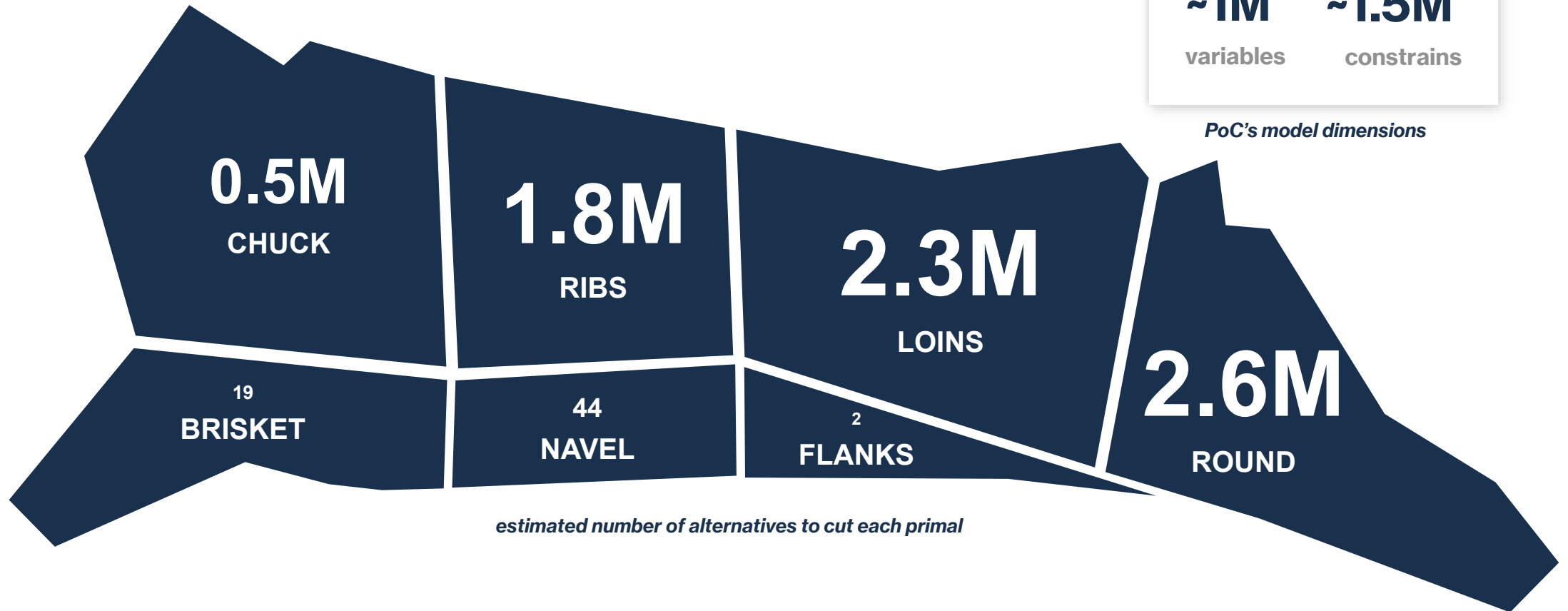
Value chain representation



**~1M**  
variables

**~1.5M**  
constraints

*PoC's model dimensions*





# Uniquely Maximizing Value For The Meat Industry

Meat industrial knowledge, data science and AI technology

Make Data  
**Actionable**

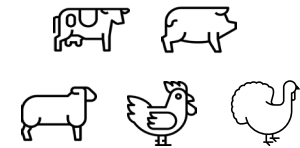
## Meat Optimization Service

Optimal sorting, cutting, processing & value chain decisions



Increasing demand satisfaction & margins, while reducing the inventory levels & need of animals

Applicable to other animals



Make Data  
**Meaningful & Valuable**

## Völur Data & Optimization Platform for the Meat Industry

Integration | DataOps | Quality | Contextualization | AI Modeling

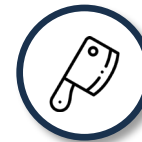
Make Data  
**Useful**



Supply forecast



Demand forecast



Cutting patterns



Bills of materials



Inventory levels



Other sources



Daily production plans

**~5%**

Increased  
Sales

Daily production plans

**45M<sub>USD</sub>**

Increased  
Income for one factory

Long term planning

**9.8%**

Fewer  
Animals

Inventory effects

**~20M<sub>USD</sub>**

Reduced  
Inventory levels

Need for animals effect

**~25K<sub>t</sub>**

Reduced  
Carbon Footprint



*"By leveraging Völur's AI technology, we believe we can increase the value of each carcass while ensuring satisfying our customers' orders," said Brienne Heinrichs, Head of Finance of JBS USA.*



## Towards an optimal meat industry



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