

## **Climate friendly meat production, with focus on water**

**Charlotte Thy**

Danish Crown A/S

Meat is a food category receiving a high degree of attention from consumers and other stakeholders. Meat is associated with both a high degree of greenhouse gas emissions and water consumption through the product chain. Danish meat is qualified by having a relatively low impact.

New research in water scarcity footprint assessing the impact throughout the life cycle for Danish pig meat shows that water consumed by the abattoirs is a hot spot. The abattoirs in Danish Crown have over 3 decades kept a constant focus on reducing water consumption. Water consumption has fallen 65% over this period. Increased demands to food safety and thereby demands for more water and especially more hot water has been on a constant rise at the same time. For a long time, consumption has been maintained at the same level. New technology and a shift in regulatory paradigm is necessary to reduce the water consumption even further.

Meat production takes place in open factory layouts and solutions developed for closed system food production cannot be transferred 1:1. Danish Crown has entered an innovation partnership to develop and test new solutions. This presentation will give a high-level insight in both issues but has special focus on water.