

A black and white cow is shown in a blue metal stall. The cow has a yellow identification tag on its ear with the number 06259. The stall is made of blue metal bars and panels. The cow is looking towards the camera.

# Danish CATTLE RESEARCH CENTRE

Research and dissemination to the benefit of cattle farming



AARHUS  
UNIVERSITY

# Danish Cattle Research Centre

The Danish Cattle Research Centre (DKC) is a part of Aarhus University, Foulum, and is located between Viborg and Randers. DKC consists of two experimental herds and both are run as individual farms as well as a joint research centre. The research centre is equipped with ultra-modern state-of-the-art facilities for practice-oriented cattle research and is frequently used by scientists, companies and other stakeholders.

The Danish Cattle Research Centre is a joint operation partnership between the cattle research facilities at Aarhus University in Foulum as well as the cattle research facilities at KFC (previous name for The Danish Cattle Research Centre) and comprises two units: DKC – Burrehøjvej and DKC – Blichers Allé. Both research locations include unique and state-of-the-art research facilities for dairy cows, calves and young animals with a main focus on the accomplishment of various research and development projects.

Centre projects are accomplished with the participation of both national and international knowledge institutions, students and companies.

## Visions and goals

- Ensuring well-functioning facilities for cattle research
- Accomplishing experiments to the benefit of research and the cattle industry
- Ensuring an efficient dissemination of research results
- An attractive place to visit for cattle farmers and society in general
- Ensuring international contacts to the research world

## Visits

You are welcome to visit the Danish Cattle Research Centre and during your visit we will inform you about the activities at the centre as well as the research results achieved. We are also pleased to give you a guided tour of the facilities. All groups, big and small, are welcome. Please call us in advance at tel. +45 8799 1500 to make an appointment. Read more about our research and research results at our website: [www.dkc-foulum.dk](http://www.dkc-foulum.dk)

## Research facilities and housing systems

### DKC-Burrehøjvej

- 210 dairy cows (Danish Holstein and Jersey cattle) plus calves
- Production-like livestock facilities
- Protective barn facilities for cows during calving
- Automatic and intensive registrations of basic data on all animals in relation to e.g.:
  - feed intake and eating behavior
  - milk yield and milk properties
  - cow weight, activity, behavior and barn position

### DKC-Blichers Allé

- 125 cows plus calves
- Physiology facilities for fistulated and multi-catheterized cows used in intensive studies
- Four climate chambers for measuring animal excretion of e.g. methane (climate impact)
- Flexible housing systems with dynamic and flexible facilities for studies of new housing and management systems

The experimental cattle facilities in both locations are adapted to automatic and intensive data collection using e.g. computer-controlled feeding troughs, milking robots and surveillance equipment. The housing design allows the registration of individual animals as well as groups of up to 70 animals. In addition, it is possible to extract samples of digested material, manure, urine, blood, milk and tissue.

## Research areas

The centre carries out research within the areas of feeding, breeding, reproduction, health, behavior, management and management tools as well as the quality of milk and meat – all with a major focus on ensuring a sustainable food production that takes animal health and welfare into consideration. Projects in relation to housing design, ventilation and climate, ICT and other technical solutions relevant to production animals are also accomplished.

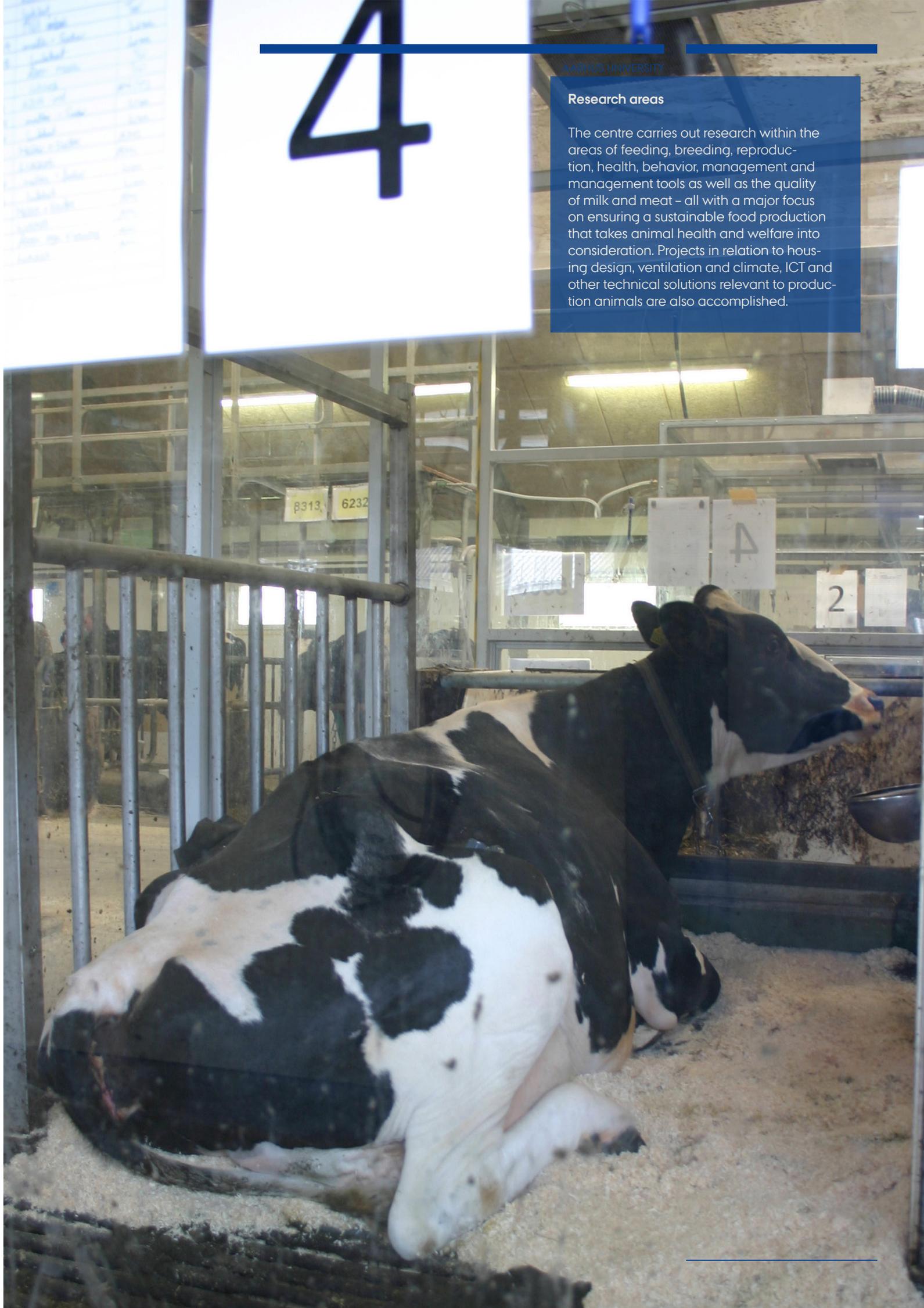
4

8313

6232

4

2



### About DKC

DKC is an organizational merger of the previous Danish Cattle Research Centre (KFC) and the cattle research facilities at Aarhus University, Foulum. The centre belongs under the Department of Animal Science at Aarhus University. KFC was established in 2000 by the Danish farmers' organizations and is run by Aarhus University, Foulum, who also owns the farmland surrounding the buildings. The centre has 24 employees. A centre board consisting of 6 members, appointed by the industry as well as Aarhus University, is responsible for the establishment, operation, development and knowledge achieved via the research efforts at the Danish Cattle Research Centre.

### Contact and more information

Centre Director Merete Jensen, the Danish Cattle Research Centre, Burrehøjvej 49 / Blichers Alle, P.O. Box 50, DK-8830 Tjele  
Tel.: +45 8799 1500  
[www.dkc-foulum.dk](http://www.dkc-foulum.dk)



Danish  
Cattle Research Centre