



CHINA

Sustainable animal breeding and husbandry in China

Partnership-based development of innovative, practice-oriented solutions for sustainable, environmentally and climate-friendly animal breeding and husbandry

The Agriculture in China

With 1.4 billion people, China accounts for 18 % of the world’s population. Feeding its population poses major challenges for the country. Due to the scarcity of land, China is pursuing intensive agriculture, which poses major challenges in terms of environmental pollution. The rising prosperity of the Chinese population is leading to increased demand for milk and meat. Sales in the meat market amounted to around € 239.30 billion in 2023 and with rising per capita consumption, annual sales growth of 4.75 % is forecast in the coming years.

The Project

In the third phase, which began in January 2022, the project will support its partners in the key areas of animal welfare and animal husbandry, as well as climate adaptation and protection. Other current topics include sustainable animal husbandry, biosecurity and strengthening nutrient cycles. The core of the project is the implementation and dissemination of practical solutions for resource-efficient, high-performance and environmentally friendly animal husbandry on Chinese farms.

Project Goals

- Establishment of thematic innovation networks consisting of institutional and private-sector partners for the development and dissemination of best-practice models and continuous supra-company exchange of information
- Identification of sub-projects and pilot testing of innovative solution approaches on Chinese demonstration farms
- In-company training and dissemination of successful solution approaches In the regions



The selection and consultancy of demonstration farms is the basis of the project work. Improving the rearing and feeding of calves is a core topic of the cattle component.



PROJECT TITLE
Sino-German Cooperation Project for Sustainable Animal Breeding and Husbandry in China, (Phase III)

TIMEFRAME
01/2022 to 12/2024

AS OF
January 2024



Animal Welfare and Animal Husbandry



Climate Adaptation and Climate Protection

With support from



Federal Ministry of Food and Agriculture

by decision of the German Bundestag



PORTRAIT CHINA

China is the second most important economy in the world. Due to the scarcity of land, China is pursuing intensive agriculture, which poses major challenges in terms of environmental pollution. China is aiming to peak its CO₂ emissions by 2030 at the latest and achieve CO₂ neutrality by 2060.

Results and Successes

- Consultancy and training of the demo farms on key topics
- Peer-learning events, seminars, WeChat groups for the farm network
- Stable schools on the topic of farrowing for the practitioner network
- Expert trip for representatives of NAHS, MARA and selected demo farms to German business partners and associations
- Presentation of project results at the 9th Sino-German Agriculture Week
- Project symposium in Beijing, 25 – 27 November 2023

Project Partners and Cooperation

- Ministry of Agriculture and Rural Affairs of the People’s Republic of China (MARA)
- National Animal Husbandry Service (NAHS)
- Other German and Chinese institutions, research institutes and associations in cattle and pig breeding

Project Partner on Operational Level

- National Animal Husbandry Service (NAHS)
- German/European commercial enterprises in cattle and pig breeding
- Chinese demonstration farms

Implementing Organisation



ADT Project Consulting GmbH
Adenauerallee 176
53113 Bonn, Germany
www.adtproject.de



Team lead: Henrik Delfs: henrik.delfs@adt.de

ADT Project management:
Yves Tohermes: yves.tohermes@adt.de
Dr Conny Schäfer: conny.schaefer@adt.de



Sino-German Cooperation Project for Sustainable Animal Breeding and Husbandry in China

Project Office China 项目驻华办公室
Room 511, Zhong Ou Hotel,
55 Nongzhan Beilu, Chaoyang District
100125 Peking, China

中欧宾馆写字楼512室
朝阳区农展馆北路55号
100125 中国北京



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ADT Project Consulting GmbH
Adenauerallee 176
53113 Bonn, Germany
Telefon: + 49 228 91447 38
Email: yves.tohermes@adt.de
Internet: www.adtproject.de

TEXT
ADT Project Consulting GmbH

PHOTO CREDITS
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DESIGN
K-tiv.com, Berlin
Pauline De Langre
Michael Berger

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