



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 is a major challenge for the country. In the past, the People's Republic has strived to increase agricultural production by 5-10% annually. Due to the scarcity of land, China pursues intensive agriculture, which poses considerable challenges in terms of environmental impact. In addition, the increasing prosperity of the Chinese population leads to an increased demand for milk and meat.

The Project

In the third phase, which began in January 2022, the project is supporting its partners in the key areas of animal welfare and animal husbandry, as well as in climate adaptation and protection. Other current topics include sustainable animal husbandry, biosecurity and strengthening nutrient cycles. The project organises the exchange of information between Chinese as well as German and European partners from industry, science and various authorities, through seminars, expert trips, and digital teaching materials. It also demonstrates selected innovative approaches on Chinese demonstration farms.

Project Goals

The goals of the project are:

- The 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
- The identification of sub-projects and pilot testing of innovative solutions on Chinese demonstration farms
- In-company training and dissemination of successful solutions in the regions



For more than ten years, the project has been developing customised product and system solutions to enhance the performance, resource efficiency and environmental sustainability of livestock production in China.



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

TIMEFRAME
01/2022 to 12/2024

AS OF
August 2022



Animal Welfare
and Animal
Husbandry



Climate Adap-
tation and Climate
Protection

With support from



Federal Ministry
of Food
and Agriculture

by decision of the
German Bundestag



PORTRAIT CHINA

China represents the second most important economy in the world. As the most populous country in the world, it has to feed about 18% of the world's population. With an agricultural area of only 645 million hectares, Chinese agriculture is characterised by high pressure to increase its efficiency.

Results and Successes

Concrete technical solutions, e.g. improving housing conditions for calf rearing, are discussed with the responsible Chinese authority, the National Animal Husbandry Service (NAHS), and the participating business partners. These solutions are then tested in several sub-projects on the demonstration farms and disseminated with the help of educational videos, manuals, various training measures, etc. After testing, the results of the project are presented to the stakeholders.

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



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Bilateral Cooperation
Programme
of the BMEL



The BKP-Projects are supported with funds from the German Federal Ministry of Food and Agriculture under the supervision of GFA Consulting Group GmbH.

PUBLISHED BY
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DESIGN
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AS OF
August 2022