



INDIA

Cooperation on Seed Sector Development

Technical dialogue and capacity building to strengthen the Indian seed sector, to improve high-quality seed production and to consolidate cooperation.



PROJECT TITLE
Indo-German Cooperation on Seed Sector Development

TIMEFRAME
07/2019 to 03/2024
(Phase 3)

AS OF
July 2023



Seed Sector Development,
Seed Law and Plant Variety
Protection

Agriculture in India

Seed is the basic and most critical input for sustainable agriculture. India's secure supply of agricultural products is increasingly becoming a challenge due to the continued growing population, the decline in agricultural land per person and the increasing effects of climate change incl. droughts. The availability of high-quality seeds for farmers, which are adapted to the local environment, is of paramount importance. About 25% of productivity in crop production is determined by the seed.

The Project

The project is supporting in various seed related areas: regulative framework, plant variety protection incl. DUS-testing, plant genetic resource management as well as training to improve production, storage, processing, certification, testing and marketing of seeds. Direct target groups are representatives of Indian seed authorities, employees of seed certification authorities, seed testing labs, agricultural universities as well as of state and private seed companies and their professional associations. Ultimately, these activities will benefit Indian farmers who use high-quality seed.

Project Goals

- To contribute to adequate supply of high-quality seeds to Indian farmers
- To exchange and improve knowledge and experiences on best practices of seed production and the framework conditions for seed sector development
- To strengthen the Indian seed sector by capacity building for seed sector professionals
- To improve international cooperation in the seed sector
- To increase the impact and scope of the project and to consolidate the achievements of the previous project phases

With support from



Federal Ministry
of Food
and Agriculture

by decision of the
German Bundestag



Visit of Indian Experts to ISTA accredited Seed Lab at LUFA Nord-West/Germany



PORTRAIT INDIA

In 2023, India became the world's most populous country with a population of over 1.4 billion. India is the seventh-largest country of the world with an area of 3.288 million square kilometres. Agriculture is very important for food security and is the largest source of livelihoods in India. The availability of high-quality seeds is crucial for successful production.

Results and Successes

- More than 3000 experts of 12 Indian states have been trained
- A „Guide for Implementation of OECD Seed Schemes in India” was elaborated and published
- A Reference Book on „Seed Sciences and Technology – Biology, Production, Quality” was elaborated and published by Springer Nature in 2023

Project Partners and Cooperations

- Ministry of Agriculture & Farmers' Welfare (MoA&FW)
- Department of Agriculture and Farmers' Welfare (DA&FW)

Project Partner on Operational Level

At National Level

- Protection of Plant Varieties and Farmers' Rights Authority (PPV&FRA)
- National Bureau of Plant Genetic Resources (NBPGR)
- National Seed Association of India (NSAI)
- Federation of Seed Industry of India (FSII)

At Regional Level

- Regional Institutes of Indian Council of Agricultural Research (ICAR)
- Agricultural Universities
- State Seed Certification Authorities
- State Seeds Development Corporation
- Seed Testing Laboratories
- Regional Seed Associations

Implementing Organisation

The consortium charged with conducting this project consists of the Sorten-förderungsgesellschaft mbH (SFG), ADT Project Consulting GmbH (ADT) and the German Plant Breeders' Association (BDP) in Bonn, Germany.



Indo-German Cooperation on Seed Sector Development

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**Bilateral Cooperation
Programme**
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