



THE ASPEN-INDIA PROJECT

Assessment of State Fertilizer Scenario and Promoting Efficient Nutrient Management

IFDC in collaboration with the **Directorate of Agriculture** and **Assam State Agricultural University** will work on a multipronged approach to develop efficient and transparent fertilizer value chain and introduce efficient fertilizer sources and placement technologies for promoting a sustainable fertilizer sector and production system in the state.

Innovative business models on fertilizer value chains and single window services system with **farmer producer companies (FPCs)** will help in new knowledge generation and skill development with special emphasis on Youth and Gender.

ABOUT THE PROJECT

COUNTRY	India
YEARS OF OPERATION	2022-2023
BUDGET	€674,587
DONOR	Assam Rural Infrastructure and Agricultural Services Society, Government of Assam through World Bank



IMPLEMENTING PARTNERS

- » Department of Agriculture, Government of Assam
- » Assam Agricultural University

PROJECT OBJECTIVES

- » **Assessment of the fertilizer sector** in the Assam state for an efficient and transparent fertilizer value chain.
- » Demonstration on **fertilizer deep placement (FDP)** and **nano-fertilizer** in targeted crops and agro-ecologies of the state.
- » Strengthen mechanization of the NPK briquette making and FDP through the **innovative FPC business model** for the smallholder farmers of the state.
- » Strengthening **human and institutional capacity**, generating new knowledge and skills on FDP and fertilizer value chains.

EXPECTED OUTCOMES

- » **Strategic policy document** outlining pathways for an efficient and transparent fertilizer value chain in the state.
- » Functional agribusiness model on fertilizer value chain with **3 FPCs**.
- » Innovative and climate smart FDP technology integrated with the **best bet practices of 6 major crops** in the state and rolled out to **400 farmers in 10 districts** and **6 agro ecologies** of the state.
- » Private sector company initiated **indigenous manufacturing** of briquette making machines.
- » Two new seed-cum-FDP **planters/transplanters developed** and provided to 10 FPCs.
- » **Enhanced skill and knowledge of stakeholders** on FDP and promotion of its single window system advisory-cum-implementation model in the state.