



## STRENGTHENING ADAPTIVE FARMING IN **BANGLADESH, INDIA AND NEPAL (SAF-BIN)**



Smallholder Reached out

Promotion of local food and nutritional security through adaptive small scale farming in South Asia in the context of Climate Change



Advancement, delay and fluctuations in monsoon

Prolonged dry spell during critical stages

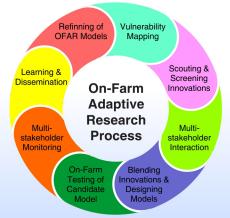
Decreased rainfall during critical stages of crops

ncreased frequency of drought events ncreased intensity and frequency of extreme events

ncrease in pest, insect and disease infestation

Climate Variability Yield loss & Crop Failure

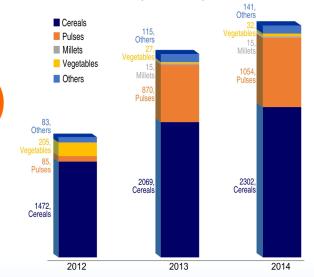
## **Stakeholders**





## **On-Farm Adaptive Research**

(No. of Farmers)



FOOD BASKET		(0)	<b>A</b>
2011	9	10	18
2016	12	21	31



Food security and sufficiency

Access to culturally preferred & socially acceptable food

Dietary diversity and nutritional access

Biomass production and productivity per year from same unit of land

Understanding of farmers on the factors of climate variability & climate change

Achieven Park Capacities of the farmers to test & research favourable options suiting local conditions Expanded network of small farmers with various service providers

Enhanced adoption & use of climate resilient practices

Unity, entrepreneurship, sharing and learning mechanism among farmers

Appreciation among stakeholders on the FPDCS of smallholder farmers

Upscaling of the farmers learning among larger geographical areas

Capacities of students and researchers on On-Farm Adaptive Research Capacity of implementing partners to manage action research project



Farmers Institutions Local Self Governance **Government Institutions** National Agricultural Research System Local NGO's and Civil Society Private Institutions /Companies Students/teachers from Agri Universities

Co-Financed by















Associate Partners

