



**SEHGAL**  
FOUNDATION

# PROMOTING CLIMATE RESILIENT AGRICULTURE FOR IMPROVING LIVELIHOODS OF SMALL LANDHOLDERS IN NUH DISTRICT OF HARYANA

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## WATER AUGMENTATION & CONSERVATION

- Check dams
- Rainwater harvesting structures
- Recharge wells
- Pond rejuvenation
- Soak pit and soak well



## CLIMATE SMART PRACTICES

- Micro irrigation
- Salt tolerant varieties
- Soil conditioner
- Drought tolerant crops
- Saline water irrigation
- Composting
- Laser levelling
- Protected cultivation
- Mulching
- Package of practices
- Zero tillage



## CLIMATE RESILIENT AGRICULTURE

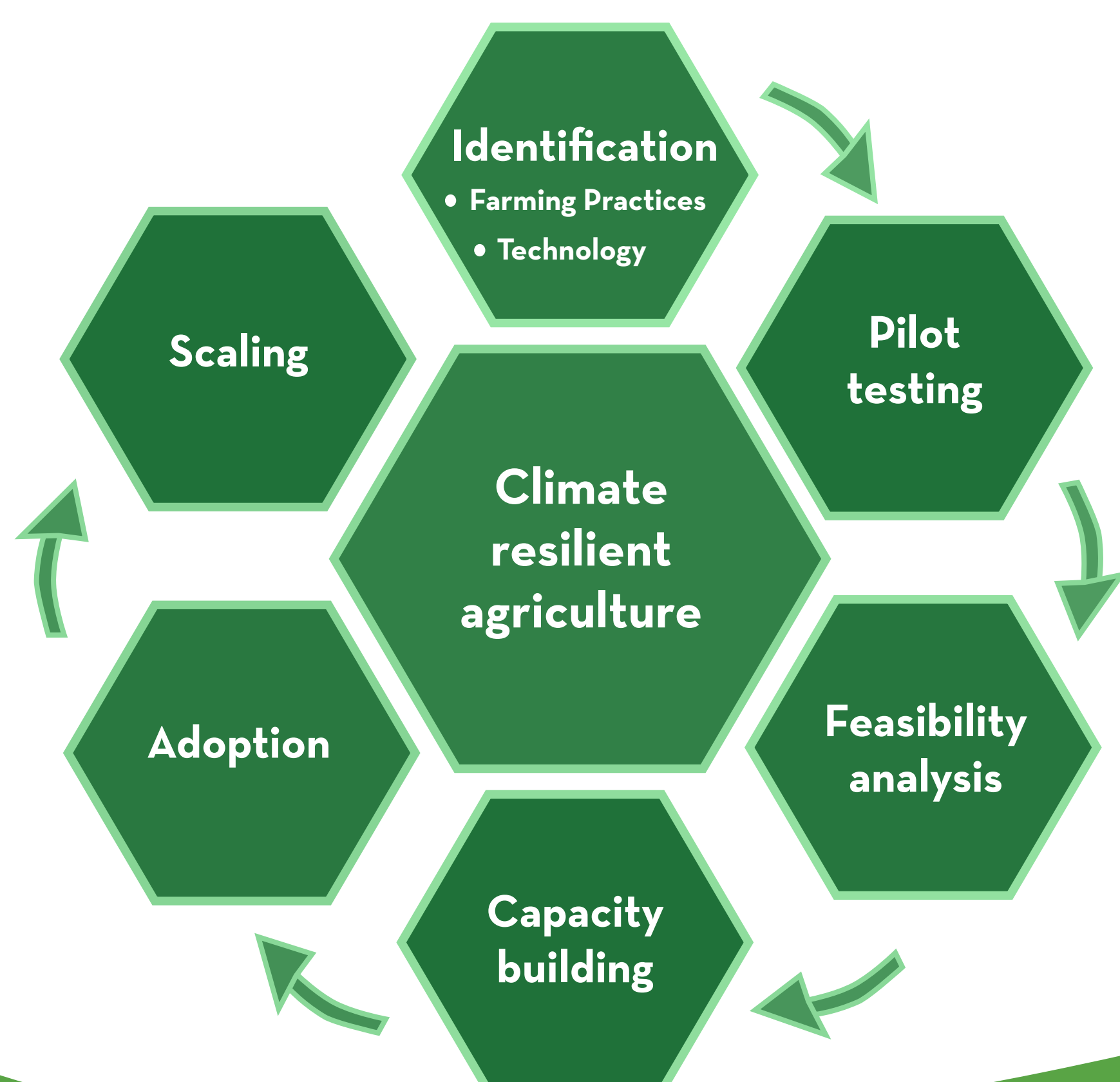


## SUSTAINABILITY

- Water user groups
- Kisan clubs
- Mahila sangathans
- Village development committees
- Panchayati Raj Institution
- Community radio
- Agri-governance



## APPROACH



## IMPACT AT A GLANCE

- 120 water harvesting structures
- 25% to 80% reduction in water demand for irrigation
- 20% to 45% increased in productivity
- Income increased between Rs. 4900 to Rs. 44669 per acre
- Water used 1700 to 4900 Total Dissolved Solids (TDS)
- Increased water table up to 12 meter
- Reduced human drudgery
- 20% to 25% increased in milk productivity

**IMPACTED LIVES OF 1,50,000 SMALL FARMERS**

TOGETHER  
WE EMPOWER  
RURAL INDIA