



# Sovereignty components of seed, soil, water, and energy as a Pathway to Climate Resilient Agriculture

**The Wicked Challenge**

Present-Day Agriculture & Climate Crisis are alleviated through Industrial, high-input agriculture, contributing to greenhouse gas emissions.

**BUT**

Agriculture also presents an opportunity for climate change mitigation.

**Common agreement**

**Localized, farmer-friendly policies**  
Yes, It should address regional needs and ecological realities

**Protecting farmers' rights**  
Fair pricing (MSP), land tenure security, access to credit, and strengthening cooperatives

**Public-private partnerships for scaling solutions**

**Expert interventions in redefining Value Chain**  
Marketing experts and food technologists to enhance value chains and market access for farmers.

**Smart agricultural technologies**  
Their practical demonstrations and incentives is also needed!



**Speaker**  
**Dr. S.K. Sharma,**  
Assistant Director General (HRM), ICAR

**Holistic, integrated approaches to farming**  
don't create new problems while solving existing ones.

**Community participation and youth involvement in designing and sustaining resilient agricultural models**

**Rural digital infrastructure**  
Internet access and agro-tech centers, to support innovation and capacity-building



**Speaker**  
**Kavita Gandhi**  
Country Representative, Swiss Aid, India

**Self-reliant and resilient food systems**  
Recognition of seed banks, agro-ecological practices, and traditional knowledge systems

**Promote underutilized crops and foster local consumption patterns**

**Sovereign and sustainable use of soil, water, and energy**



**Speaker**  
**Krishna Prasad**  
Director, Sahaja Samrudha

**Promotion of neglected and underutilized crops (e.g., millets, roots, tubers, indigenous fruits)**  
From a nutrition perspective, it is an opportunity food too! - Particularly in the face of erratic rainfall and climate uncertainty

**Farmer control over seeds.**



**Moderator**  
**Nivedita Varshneya,**  
Regional Advisor, Welthungerhilfe India,

Efforts to promote neglected foods are gaining traction, with some being referred to as "opportunity foods."

**Potential Solution**



**Agroecology as a Regenerative Pathway**



**Building Community Resilience & Community Sovereignty in Practice**



**Reviving Regenerative Traditions**



**Collaborative Action & Knowledge Sharing**