

## Meghdoot App to support the digitalization of agro-advisories in India

**Project Title:** P1606 - Capacitating Farmers and Fishers to manage climate risks in South Asia (CaFFSA)

**Description of the innovation:** This is an SMS based app that improves farmers decisions around climate risk management. Launched by the Minister for Earth Science, Science and Technology in August 2019, it disseminates context and location specific high-resolution weather forecast based agro-advisories to farmers in local language. It was developed by ICRISAT and its ag-tech startup partners to supports the digitalisation of agro-advisories put out by the India Meteorological Department and Indian Institute of Tropical Meteorology.

**New Innovation:** No

**Stage of innovation:** Stage 4: uptake by next user (USE)

**Innovation type:** Research and Communication Methodologies and Tools

**Geographic Scope:** National

**Number of individual improved lines/varieties:** <Not Applicable>

**Country(ies):**

- India

**Outcome Impact Case Report:** <Not Defined>

**Description of Stage reached:** MEGHDOOT carries agro-meteorology advisories for all the 717 districts of India. The app has been downloaded about 53 000 times with active users almost 20k as on Feb 2020. Cumulatively, the MEGHDOOT app has disseminated about 145k advisories since its launch in July 2019. (<https://play.google.com/store/apps/details?id=com.aas.meghdoot>)

**Name of lead organization/entity to take innovation to this stage:** ICRISAT - International Crops Research Institute for the Semi-Arid Tropics

**Names of top five contributing organizations/entities to this stage:**

- IMD - Indian Meteorological Department
- ICAR - Indian Council of Agricultural Research
- IITM - Indian Institute of Tropical Meteorology

**Milestones:**

- Expanded set of development organizations, sub-national initiatives testing climate services and using CCAFS outputs for climate risk management services

**Sub-IDs:**

- 2 - Reduced smallholders production risk
- 28 - Increased resilience of agro-ecosystems and communities, especially those including smallholders
- 29 - Enhanced adaptive capacity to climate risks (More sustainably managed agro-ecosystems)

**Contributing Centers/PPA partners:**

- ICRISAT - International Crops Research Institute for the Semi-Arid Tropics

**Evidence link:** <Not Defined>

**Deliverables associated:**

- D9594 - A scalable operationalized ICT based delivery systems for communicating site specific climate information.

(<https://tinyurl.com/y5ewbxk6>)

**Contributing CRPs/Platforms:** <Not Defined>