Context
A major constraint faced by smallholder farmers in Ethiopia is coping with production uncertainties associated with an unpredictable climate during the growing season.

The Ethiopian AgroMet Platform offers great potential to improve farmers’ management of climate-induced risks, facilitate technology adoption and thereby improve their livelihoods.

The AgroMet platform incorporates location specific climate-information, soil and crop specific best-bet agronomic management recommendations for farmers, development agents and extension officers; with the integration and automation of crop-climate modeling with ICTs as a dissemination mechanism.

The platform will contribute to the vision of making Ethiopian agriculture climate-smart by closing the gap between climate information and effective action.

Beneficiaries
82,000 smallholder farmers (~13,600 households) directly benefitted from four major regions enabling them to better manage risk, take advantage of favorable climate conditions and help them adapt to change.

Outcomes
• Crop and site specific agro-meteorological advisories generated based on climate forecasts.
• Smallholder farmers connected with soil, weather, crop, market and socio-economic information through digital agricultural platform.
• Agro-met advisory communication and dissemination mechanism developed by integrating modern ICT with crop-climate modeling.
• Enhanced capacity of 72 extension officers and 513 development agents across the country to tailor climate information with actionable decisions.
• MoA uses the platform as one of the decision support tools for seasonal planning.

Dissemination tools
Develop an appropriate dissemination mechanism to deliver climate-smart advisories using ICTs such as SMS, IVRS and smart-phone applications on farming practices and provide alerts linked to weather forecasts during cropping seasons.

Forecast, advisory and dissemination mechanisms in the platform

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Donors: Government of Ethiopia, World Bank
Contact: Jemal Seid: jemsethio@gmail.com

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