



Assessment of the Governing Factors Which Affect the Scaling Up and Sustainability of Solar and Wind Water Pumping Systems



Client:
Ministry of Water, Irrigation
and Electricity (MoWIE)

Location:
Ethiopia

Start Date:
February 2017

Completion Date:
October 2017

Key Services:

- ▷ Data Collection from 211 Water Pump Sites
- ▷ Water Pump Analysis

ASD was hired by the Ministry of Water, Irrigation and Electricity (MoWIE) to identify the major governing factors that affect the scaling up and sustainability of solar and wind water pumping systems in Ethiopia in a conclusive report.

OVERVIEW

This project involves the investigation of the merit and demerit of existing solar and wind pumping systems in Ethiopia as well as assess the economic and technical viability of solar and wind pumping systems in the Ethiopian context in comparison with diesel-driven systems. To do so, ASD is leading data collection for 211 water pumping sites in Ethiopia for wind, solar and diesel water pumps. In addition, the report examines government and private sector institutional capacities, global conditions and government policies for scaling up and sustainability of solar and wind water pumping systems in line with the national Carbon Resilient Green Economy (CRGE) strategy.

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