

## **Innovation financing to support solar irrigation**

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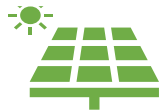
- **Financing as a major barrier to promote solar irrigation**
- **Need for public funding in supporting solar irrigation**
- **Offgrid solar companies require equity, debt, and grant financing for a range of purposes at different stages of their growth, and all have significant working capital needs**
- **Six principles to maximize the chance of success of public funding schemes:**
  - Target resources to the people most in need.
  - Support good-quality products.
  - Provide support commensurate with need for closing the financing and affordability gaps.
  - Provide funding in an efficient and timely manner.
  - Effectively verify program results.
  - Promote sustainable results.
- **Combination of supply-side mechanisms (upfront grants results-based financing, tax exemptions, credit lines and risk mitigation) and demand-side mechanisms (demand-side subsidies, public procurement)**
- **The combination depends on the objectives of the program, market characteristics, the time available, and the implementing capacity of the lead agency as well as any potential partners**

# A holistic and integrated approach to scale solar irrigation



## DATA ANALYTICS

For demand / value chain assessments, investment prioritisation, stakeholder mapping



## ACCESS TO APPLIANCES

Availability & affordability of appliances / equipment



## PLANNING

Planning PUE integration in broad rural development plans through stakeholder engagement



## ACCESS TO FINANCE

Financing for SMEs, end users, energy providers



## POLICY AND REGULATION

Government support for PUE, catalysts & champions, pro-poor/ gender policies



## BDS

Business development support for end users (skills development)



## PUBLIC AWARENESS

Benefits of use of electricity and what it can enable for businesses & end users



## MARKET LINKAGES

Support users in accessing markets and stakeholders



## TECHNOLOGY & INNOVATION

Digitalisation & new models/ technology for demand-side management, payment



## PARTNERSHIPS

Stakeholder engagement within and beyond energy sector actors