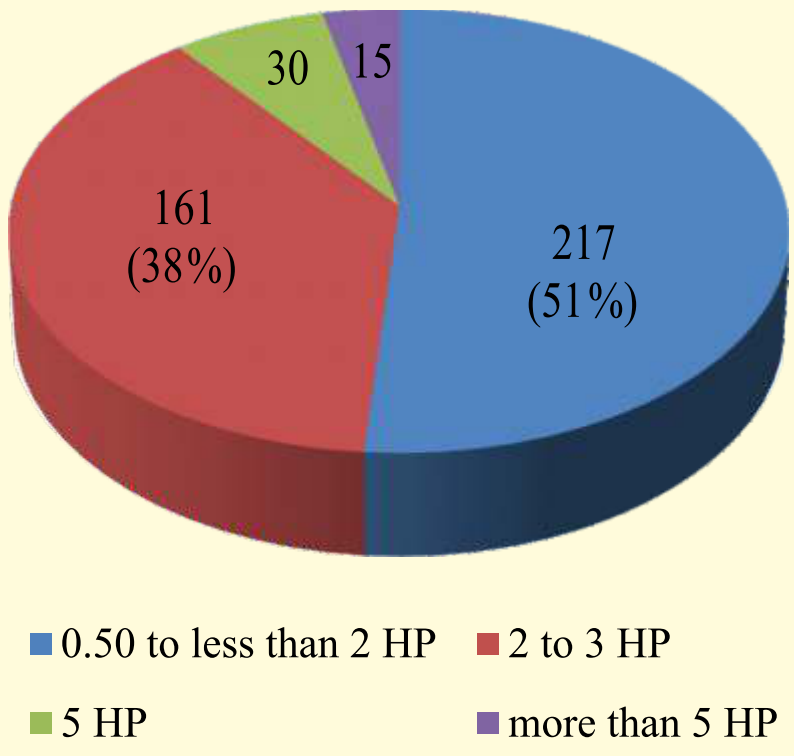
Energy-Water-Agriculture Practices for Climate Change Mitigation Actions

Electricity consumption to pump ground water for agriculture and drinking purpose is one of the areas of Climate Change Mitigation Actions in India

Emission Reduction Practices Promoted by BAIF:

- Solar-powered pumps for ground water use with micro-irrigation and improved agricultural practices
- Gravity Irrigation Methods: Revival of traditional water management systems like diversion-based irrigation and gravity-based drip irrigation.
- Integrated Renewable Energy for Sustainable Agriculture (IRESA) Biogas Model.











Revival of traditional water management systems

Outcomes:

- Reduction in fossil fuel consumption and thereby reduction in emission
- Increased water-use efficiency thereby reducing carbon footprint
- Increase in family income



Solar-powered micro irrigation



Spineless Cactus cultivation



Gravity irrigation

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