



Department of Renewable Energy

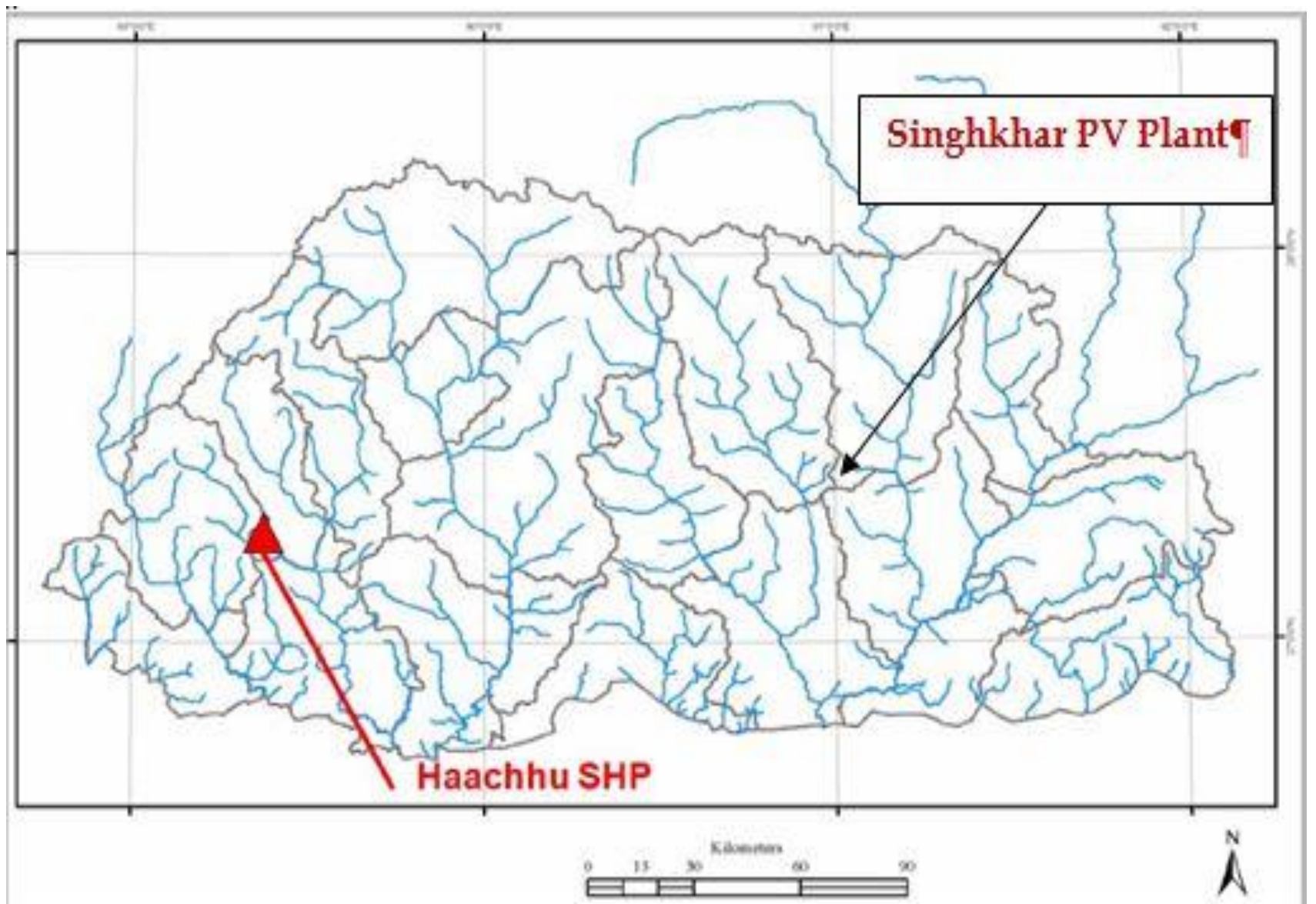
Ministry of Economic Affairs

Mandate

- **To serve as the central coordination agency and the focal point of RGoB on all matters related to renewable energy development.**
- **To broaden the energy supply mix by exploring other forms of clean and renewable energy sources that will supplement, in particular, hydropower generation shortage faced during the lean season.**
- **To pursue development of non-conventional renewable energy sources to reduce import of fossil fuels and enhance the energy security of the country.**
- **To keep abreast, explore, promote the emerging renewable energy technologies, and conduct research and development with an objective to make the technologies appropriate, affordable and cost competitive in future.**

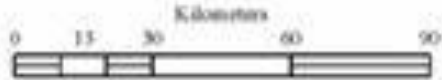
On-going RE Projects

- **Reconnaissance Studies of four Small Hydropower**
 - Haa Chhu
 - Cher chhu
 - Wambu Chhu
 - Nyurgang Chhu
- **Resource Assessment of Renewable Energy.**
 - Solar
 - Wind
 - Hydro
- **Feasibility study for mega solar power plant**
 - Shingkhar PV Plant



Singhkhar PV Plant

Haachhu SHP



- **Gaps and Challenges**

- No ground measurement stations are available for solar and wind
- Inconsistency of the data

- **Recommendation:**

- DHMS could also diversify the roles to record solar irradiation and wind met-mast data for energy planning purposes.



Thank You