

# CLEAN ENERGY ACTION PLAN



# Clean Energy Action Plan



- "Deployment of green power in Uttarakhand for empowerment, security, affordability and equity"
- Sourcing 15 per cent of the energy demand from renewable sources
- Increase share of renewable consumption from 3% to 15 %

## Facts

- Potential of **25,000MW** hydropower capacity, less than 10% harnessed
- **600 MW** of hydropower capacity in Micro, Mini and Small (SHP) available
- **20 Mi Ton** of Agri residue per year
- **1000M ton** of Municipal/Urban/Industrial Waste per day
- **220 MW** of Cogeneration Capacity through Sugar, Paper, Fertilizer Waste

## Strategy

- To leverage huge renewable energy potential especially in the hydropower domain for clean energy, environment protection and employment generation
- Attract Private Participation through Policy Intervention and Incentive Scheme
- Optimize the use of Central Government RE promotion schemes in addition to State Funds to promote investments in RE

## Actionable

- Review & Suggest Revamps in the existing RE policy of the State
- Implement learnings from other RE successful states, Himachal/ Sikkim
- Focus on the 13 already identified small Hydro Projects and bring them to closure through private participation



## Actionable

- Suggest upgrades to the existing Bio Gas policy of the State
- Draft new Bio-CNG policy for the State and help increase private participation
- Attract Private Participation through Policy Intervention and Incentive Scheme
- Draft- Green Hydrogen Policy for the State in accordance with the Central Policy
- Identify Green-Hydrogen and SHP synergies in creating viable projects
- Devise incentive scheme for Industry for Captive Solar Power Plants
- Expedite the implementation the existing Solar Pump scheme of the Uttrakhand Government
- Identify viable Bio CNG projects using Municipal/Industrial Waster
- Develop awareness programs regarding Solar Roof top Scheme and galvanize it into a mass movement



- Optimize the use of Central Government RE promotion schemes in addition to State Funds to promote investments in RE
- Some Central Government Schemes for the RE sector that can be leveraged by the State
  - PM KUSUM (Kisan Urja Surkasha Evam Utthan Mahaabhiyan)
  - Biomass supported Co-generation in Industries Scheme
  - Program on Energy from Urban/Industrial/Agricultural Waste/Residue
  - Central Government Solar Roof Top Subsidy Programme

