

Domain 11: Renewable Energy & Sustainability

Mapped SDG Goals:

- **SDG 7:** Affordable and Clean Energy
- **SDG 13:** Climate Action
- **SDG 12:** Responsible Consumption and Production
- **SDG 11:** Sustainable Cities and Communities
- **SDG 9:** Industry, Innovation, and Infrastructure

Domain 11: Renewable Energy & Sustainability

Key Objectives:

- Promote awareness and understanding of renewable energy sources.
- Encourage sustainable practices in energy usage in households and communities.
- Identify opportunities for introducing solar, biogas, or energy-efficient alternatives.

Activities:

1. Conduct awareness sessions on different renewable energy sources (solar, wind, biogas).
2. Identify energy consumption patterns at household and village level.
3. Organize demo sessions on solar lights, cookers, and lanterns.
4. Promote the use of improved cookstoves to reduce indoor pollution.
5. Collaborate with NGOs or agencies promoting renewable energy solutions.
6. Facilitate energy audits of schools or public buildings.
7. Educate on government schemes/subsidies for renewable energy installation.
8. Support farmers in learning about solar-powered irrigation systems.
9. Help create posters, street plays, or campaigns on energy conservation.
10. Explore possibility of small-scale renewable energy pilot initiatives.

Sample 10-Day Schedule:

Day	Activity
Day 1	Orientation on renewable energy and sustainability.
Day 2	Household-level energy usage and lighting survey.
Day 3	Awareness camp on benefits of solar and clean energy.
Day 4	Demonstration of solar-powered devices and cookstoves.
Day 5	Interaction with a renewable energy expert/NGO.
Day 6	School session on energy conservation habits.
Day 7	Public campaign: posters, slogans, street plays.
Day 8	Preparation and Submission of Final Report and Presentation
Day 9	Preparation and Submission of Final Report and Presentation
Day 10	Preparation and Submission of Final Report and Presentation

Household-Level Survey Questionnaire (Yes/No):

1. Do you use solar-powered devices at home? (Yes/No)
2. Are you aware of solar energy benefits? (Yes/No)
3. Do you experience frequent electricity outages? (Yes/No)
4. Would you be willing to adopt solar lights or cookers if affordable? (Yes/No)
5. Do you use an LPG stove or firewood for cooking? (Yes/No)
6. Are you aware of biogas as an energy option? (Yes/No)
7. Do you try to reduce unnecessary electricity usage at home? (Yes/No)

Community/Village-Level Survey Questionnaire (Yes/No):

1. Is there any renewable energy installation in the village? (Yes/No)
2. Are there streetlights or community buildings powered by solar energy? (Yes/No)
3. Are villagers aware of government schemes for solar or biogas installations? (Yes/No)
4. Are there common power outages in the village? (Yes/No)
5. Is there any local initiative to promote sustainable energy? (Yes/No)
6. Do community members express interest in using renewable sources? (Yes/No)
7. Is there any NGO or agency working on clean energy in the village? (Yes/No)