

## **Domain 15: Green Innovations & Tree Plantation**

### **Mapped SDG Goals:**

- **SDG 13** – Climate Action
- **SDG 15** – Life on Land
- **SDG 12** – Responsible Consumption and Production
- **SDG 6** – Clean Water and Sanitation
- **SDG 7** – Affordable and Clean Energy

## **Domain 15: Green Innovations & Tree Plantation**

### **Key Objectives:**

- Promote environmental awareness through active tree plantation and greening efforts.
- Introduce sustainable and eco-friendly innovations at the village level.
- Encourage adoption of green technologies like solar lights, composting, and rainwater harvesting.
- Foster community involvement in climate-resilient and eco-conscious practices.

### **Activities:**

- Conduct a village-wide awareness drive on environmental protection.
- Organize a tree plantation drive with school children and community members.
- Identify native species for plantation suitable to the local climate and soil.
- Promote use of composting pits and organic waste management at the household level.
- Install or demonstrate low-cost green technologies (solar lamps, rainwater filters, etc.).
- Design and paint wall murals or signs promoting green habits.
- Create a community green patch or herbal garden.
- Conduct training or workshops on zero-waste practices and upcycling.
- Introduce the concept of Miyawaki forests or vertical gardens in public spaces.
- Collaborate with the Panchayat to adopt green village initiatives.

**Sample 10-Day Schedule:**

<b>Day</b>	<b>Activity</b>
<b>Day 1</b>	Introduction to green living, SDGs, and sustainability in rural context. Community and household-level survey on environmental practices.
<b>Day 2</b>	Tree plantation: Identifying native species and planting drive.
<b>Day 3</b>	Workshop on composting and organic waste management.
<b>Day 4</b>	Field visit to a farm or site using green innovation (solar, biogas).
<b>Day 5</b>	Conduct a green innovation demonstration – e.g., solar cooker, compost pit.
<b>Day 6</b>	Community clean-up and beautification of a public space.
<b>Day 7</b>	Herbal or kitchen garden creation at a school or Anganwadi center.
<b>Day 8</b>	Preparation and Submission of Final Report and Presentation
<b>Day 9</b>	Preparation and Submission of Final Report and Presentation
<b>Day 10</b>	Preparation and Submission of Final Report and Presentation

**Household-Level Survey Questionnaire (Yes/No):**

- Do you segregate dry and wet waste at home? (Yes/No)
- Do you use organic compost or natural fertilizers for your plants or fields? (Yes/No)
- Do you have any trees or vegetable plants around your house? (Yes/No)
- Are you aware of the harmful effects of plastic on soil and water? (Yes/No)
- Do you use solar lights or clean energy alternatives in your home? (Yes/No)
- Have you participated in any community plantation or clean-up activity? (Yes/No)
- Would you be willing to maintain a tree planted by you near your house? (Yes/No)

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

- Is there a common green area or garden in the village? (Yes/No)
- Has the village conducted tree plantation drives in the last year? (Yes/No)
- Are public spaces kept clean and free of litter? (Yes/No)
- Are there waste management or composting systems available for the community? (Yes/No)
- Does the Panchayat promote or support eco-friendly practices? (Yes/No)
- Are any green technologies (solar panels, biogas, etc.) being used in public spaces? (Yes/No)
- Would the community be willing to adopt a long-term green action plan? (Yes/No)