



Problem Statements: The Innovation Challenges

1. Save the planet

I. Dry and Wet waste management

Mixing of dry and wet waste is notoriously known for several problems:

1. Nasty foul greenhouse gases when they break down in landfills.
2. Sewage line choking causing heavy waterlogs.

Come up with a technologically driven innovative solution to segregate dry and wet waste in an efficient manner.

II. Plastic pollution in oceans

At least 8 million tons of plastic end up in the oceans every year and makeup 80% of all marine debris from surface waters to deep-sea sediments. Marine species ingest or suffer entanglement by various plastic waste, which causes severe injuries and deaths.

Develop a sustainable, feasible, and affordable methodology that will ensure the effective decontamination of ocean water.

III. Groundwater contamination

Groundwater contamination is known to kill 1 in every 4 hours as per Bengaluru news. The situation is even worse in Indian villages. Devise solutions to help track proper monitoring of water contamination level and purifications in the rural background.

IV. Excessive use of electronic signal equipment affects the life of birds, animals, and humans.

Nowadays using phones, sticking to your laptop, using all electronic devices may seem reasonable to people. But it is harming our planet. Give a solution that controls the use of these equipment.

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