Participation Rule:

- **Open to school students, university students, and youth (up to 24 years old).**

- **Applications can be submitted individually or in teams (maximum of 4 members).**

- **The project must be a new idea or an innovative development of an existing one.**

- **No funding or complete prototype is required; a clear idea and plan are sufficient.**

- **The use of technology or artificial intelligence is optional, not mandatory.**

- **Intellectual property rights must be respected (copying other projects is not allowed).**

Evaluation Criteria:

- **Innovation: Originality and uniqueness of the idea.**
- **Impact: The project's ability to address a real climate challenge.**
- **Feasibility:Possibility of implementation with available resources.**
- **Sustainability: Long-term benefits and continuity of the solution.**
- **Community Impact: The extent to which the project benefits the community or surrounding environment.**

Fields of Participation

Participants can submit projects in one of the following fields:

1. **Renewable Energy**
    - **Innovative solutions in solar, wind, biomass, or other clean energy sources.**
    - **Projects that improve energy efficiency or reduce carbon emissions.**
2. **Water**
    - **Sustainable management of water resources.**
    - **Technologies for desalination, recycling, purification, and water conservation.**
3. **Food & Smart Agriculture:**

    Focuses on projects that make food production more sustainable and reduce waste.

    Examples:

    - **Using smart farming technologies (sensors, drones, IoT).**
    - **Water-saving irrigation methods.**
    - **Reducing food waste.**

- **Ensuring food security (producing more food with fewer resources)**

4. **Digital & AI Solutions**
    - **Digital platforms, apps, or software that support climate action.**
    - **Use of artificial intelligence, machine learning, or data analysis to solve environmental challenges.**

Round 1 – Application & Idea Submission

- **Participants submit an online application form and a short video (2–3 minutes) explaining their project.**
- **The goal is to evaluate creativity, relevance, and basic feasibility.**
- **A selection committee will shortlist the most promising projects for the next stage.**

Round 2 – Project Development & Detailed Proposal

- **Shortlisted participants are asked to submit a more detailed description of their project, including:**
    - **Problem statement and proposed solution.**
    - **Potential impact on climate or sustainability.**
    - **Resources required for implementation.**
- **Teams may also present a simple prototype, simulation, or model (if possible).**
- **The jury will select the finalists to move to the last round.**

Round 3 – Final Poster Submission

- **Finalists submit a scientific-style poster (PDF format) that summarizes their project.**

- **The poster must include:**

    1. **Title and team details.**

    2. **Problems and objectives.**

    3. **Proposed solution with visuals (charts, diagrams, or prototype images).**

    4. **Potential impact and sustainability.**

- **Judges will review all posters and select the winners based on: Innovation, Impact, Feasibility, Sustainability, and Poster Quality.**

Objective:

To encourage youth to develop innovative solutions to climate change and support projects in the fields of energy, water, food, health, and artificial intelligence for economic development.

Competition Timeline:

- **Competition Opens: (not determined)**

- **Applications Close: (not determined)**

- **Finalists Announcement: (not determined)**

- **Winners Announcement: (not determined)**