KA154 GREEN PARTICIPATION, GREEN EUROPE

A15 FINAL EVALUTION OF THE PROJECT



A1 – START-UP MEETING

Project Kick-Off

- Overview of the Erasmus+ KA154 project.
- Introducing project goals: youth empowerment, climate action, green skills.
- Highlighting participating countries and roles.



TASK DISTRIBUTION & TIMELINE

- Key milestones and expected outputs.
- Project calendar overview.

DIGITAL VISIBILITY

- Launch of social media accounts (Instagram, Facebook, Twitter).
- Hashtag planning (#GreenParticipationGreenEurope).
- Website or blog for updates and storytelling.

A2 – Climate Change

- Defined as long-term shifts in temperatures and weather patterns.
- Caused primarily by human activity (GHG emissions).
- Consequences: sea level rise, extreme weather, biodiversity loss.



CLIMATE CHANGE IMPACTS

ON ECOSYSTEMS	habitat disruption, coral bleaching.
ON HEALTH	respiratory diseases, heat stress.
ON FOOD SECURITY	crop failures, water scarcity.

YOUTH IN CLIMATE ACTION

Importance of early awareness and engagement.

Local actions: school campaigns, green projects, policy advocacy.



A3 – Biodiversity in Action Against Climate Change

Why Biodiversity Matters

- Ecosystem services (pollination, water purification).
- Healthy biodiversity increases ecosystem resilience.
- Biodiversity loss accelerates climate vulnerability.



NATURE-BASED SOLUTIONS AND YOUTH ENGAGEMENT

- Forest conservation & reforestation.
- Wetland restoration.
- Urban greening and green corridors.

- Participatory environmental education.
- Citizen science (e.g., bird monitoring apps).
- Local biodiversity mapping and protection.

A4 – ASSESSMENT OF PREVIOUS ACTIVITIES

Reflection on A1–A3

- Summary of activities completed so far.
- Participant feedback highlights.
- Key takeaways and improvement points.

NATURE-BASED SOLUTIONS AND YOUTH ENGAGEMENT



What Are Green Practices?

- Environmentally friendly methods that reduce ecological footprints.
- Examples: energy saving, waste reduction, conscious consumption.

SCIENTIFIC SOLUTIONS

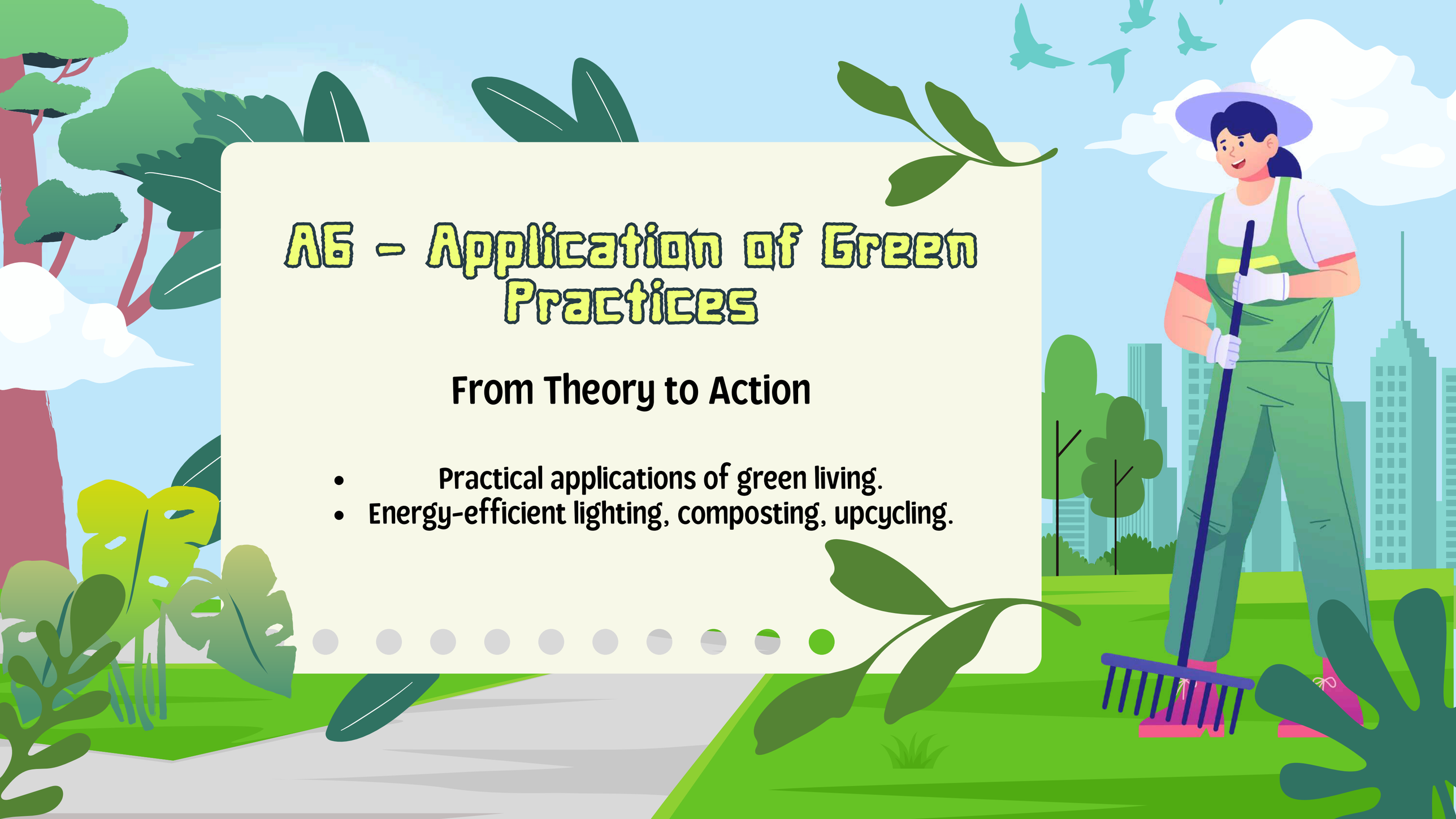
- Carbon capture technologies.
- Eco-friendly product innovations (biodegradable materials).
- Sustainable land use and permaculture.



A6 - Application of Green Practices

From Theory to Action

- Practical applications of green living.
- Energy-efficient lighting, composting, upcycling.



Community-Based Initiatives

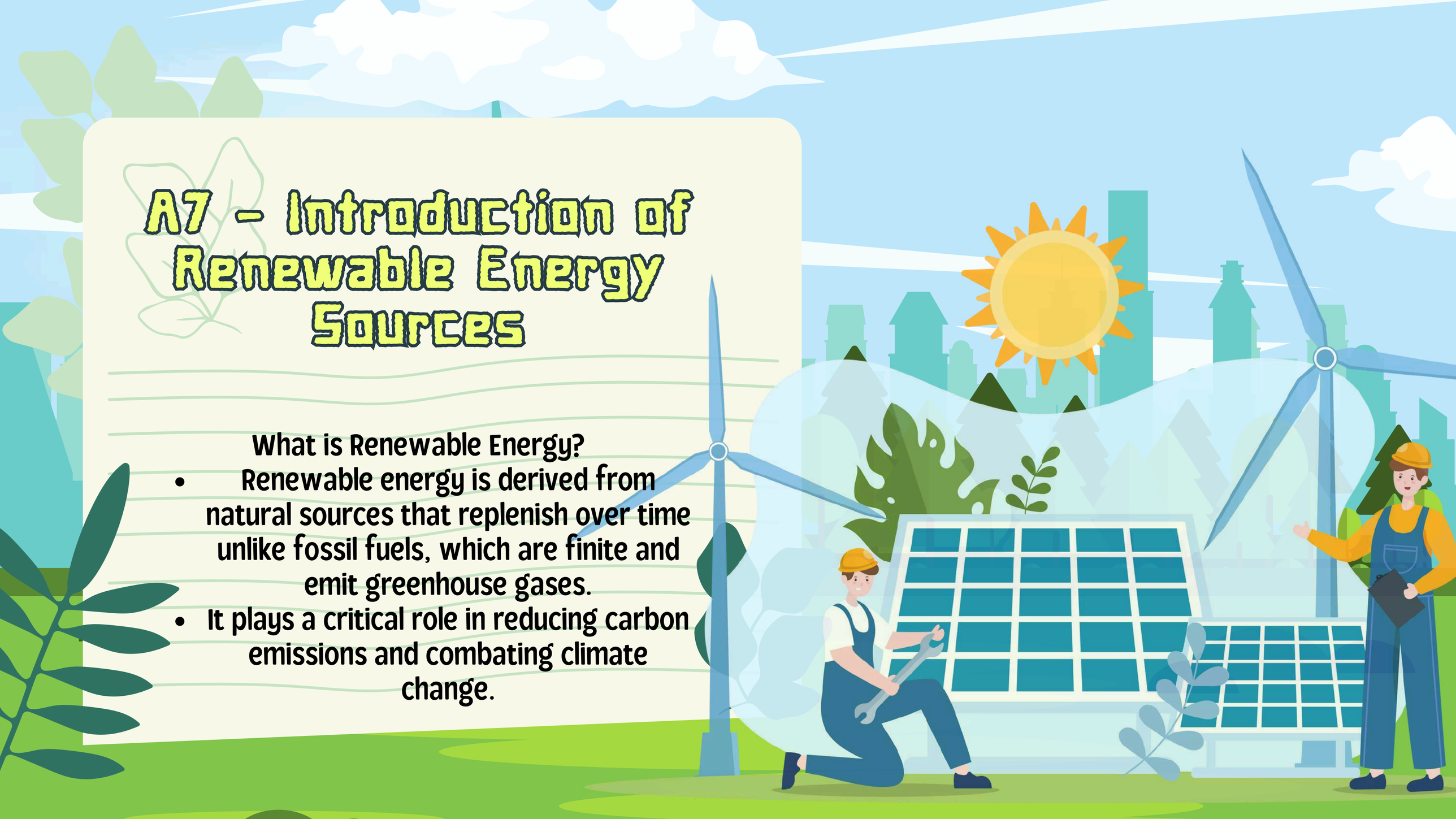
- Urban gardens and community composts.
- Plastic-free campaigns.
- Eco-clubs in schools and youth centers.



A7 - Introduction of Renewable Energy Sources

What is Renewable Energy?

- Renewable energy is derived from natural sources that replenish over time unlike fossil fuels, which are finite and emit greenhouse gases.
- It plays a critical role in reducing carbon emissions and combating climate change.

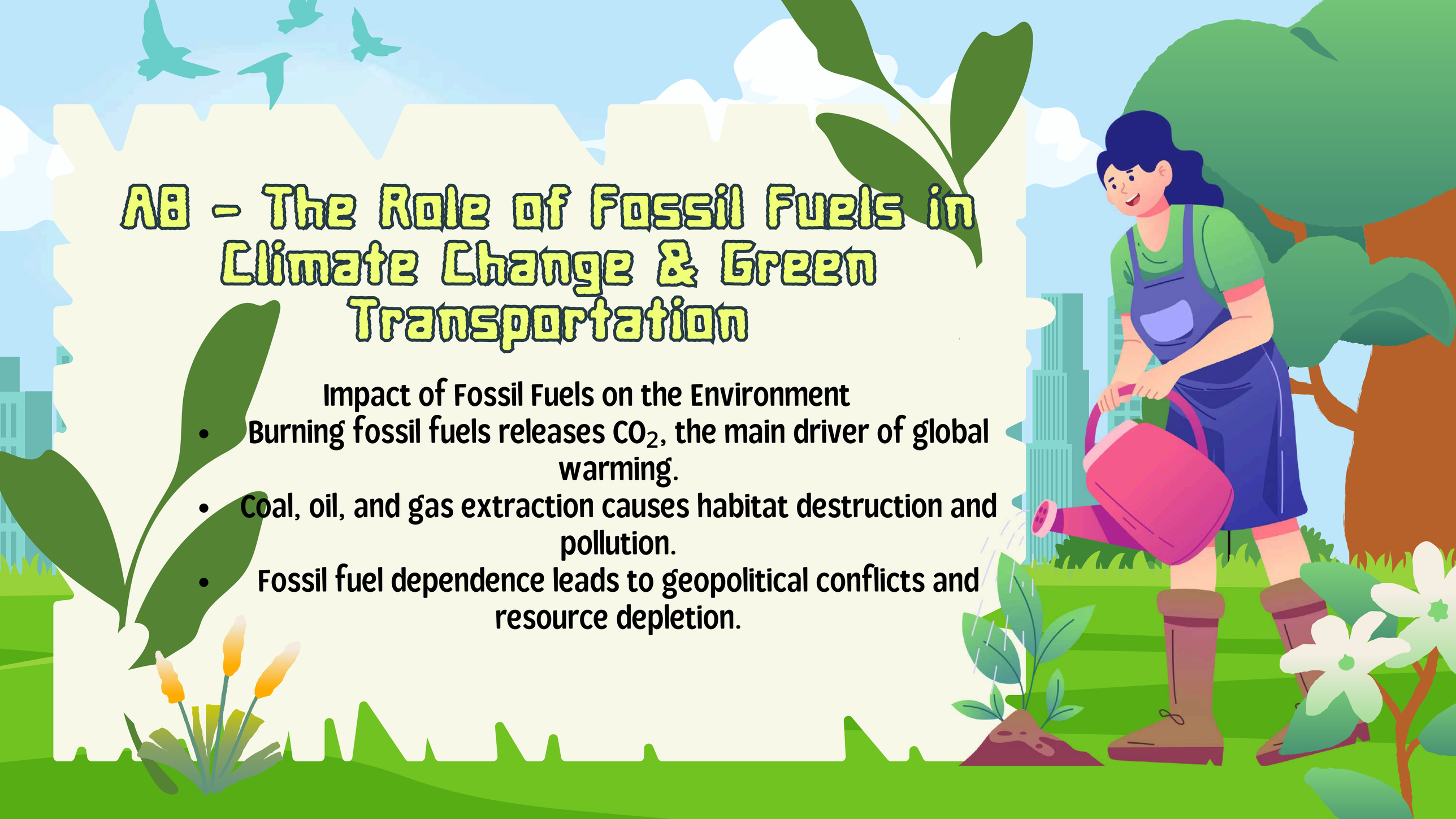




Types of Renewable Energy

- Solar Energy: Captured via photovoltaic cells and solar thermal systems.
- Wind Energy: Utilizes wind turbines to generate electricity; efficient in coastal and high-altitude regions.
- Hydropower: Converts flowing water into electricity; most widely used form.
- Geothermal: Harnesses Earth's internal heat for power and heating.
- Biomass: Organic materials (wood, agricultural waste) burned or fermented to produce energy.

A8 – The Role of Fossil Fuels in Climate Change & Green Transportation

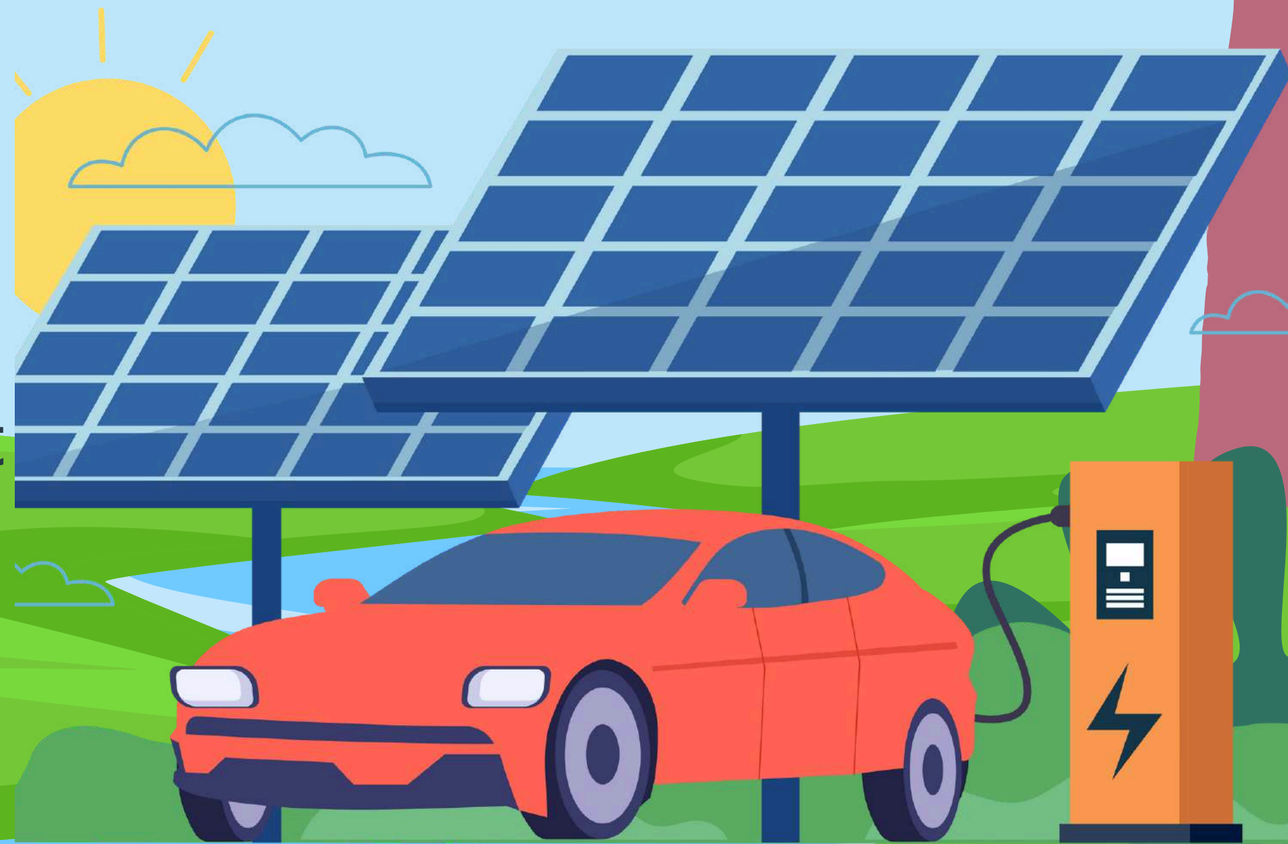


Impact of Fossil Fuels on the Environment

- Burning fossil fuels releases CO_2, the main driver of global warming.
- Coal, oil, and gas extraction causes habitat destruction and pollution.
- Fossil fuel dependence leads to geopolitical conflicts and resource depletion.

Green Transportation Alternatives

- Electric Vehicles (EVs): Powered by renewable electricity, zero tailpipe emissions.
- Public Transportation: Reduces per-capita emissions; efficient in urban settings.
- Cycling & Walking Infrastructure: Zero emissions and health benefits.
- Biofuels: Made from organic material; lower carbon footprint than diesel/gasoline.



A9 – The Importance of Recycling



Why Recycle?

- Reduces landfill waste and pollution.
- Conserves natural resources.
- Saves energy and reduces emissions.



Types of Recycling

- Paper, plastic, glass, metal separation.
- E-waste recycling and safe disposal.
- Organic waste: composting.

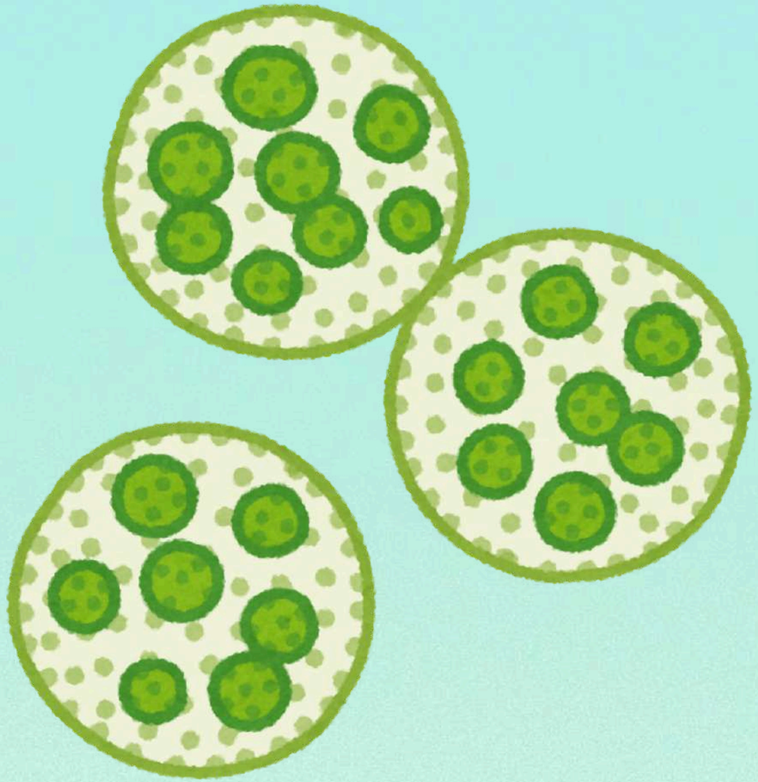
A10 – Feedback from Young People

- Participants present key learnings.
- Reflections on what was most impactful.
- Barriers faced in understanding or participation.
- What worked well and where to improve.

A11 – Potential of Microalgae in the Fight Against Climate Change

What is Microalgae?

- Microscopic, photosynthetic organisms.
- Grow in freshwater and marine systems.
- High CO_2 absorption capacity.



Applications of Microalgae and Their Sustainability Potential

- Biofuel production.
- Bioplastics and packaging.
- High-protein food and animal feed.

- Rapid growth rate and minimal land use.
- Water purification and carbon sequestration.
- Real-world examples (e.g., Spirulina, Chlorella).



A12 – Green Practices in Agriculture Against Climate Change

Sustainable Farming Methods

- Crop rotation and diversification.
- Precision agriculture and smart irrigation.
- Agroforestry and permaculture.

Benefits

- Lower costs, better yields.
- Soil restoration and carbon storage.
- Climate resilience and food security.



A13 – An Alternative to Food Shortages in Climate Change Crisis

- Climate disruptions affecting global food chains.
- Increasing hunger and malnutrition risk.

- Alternative Protein Sources
- Microalgae: rich in amino acids and micronutrients.
- Insects: high protein, low environmental impact.
- Benefits: lower emissions, resource efficiency.

A14 – Dissemination of the Project





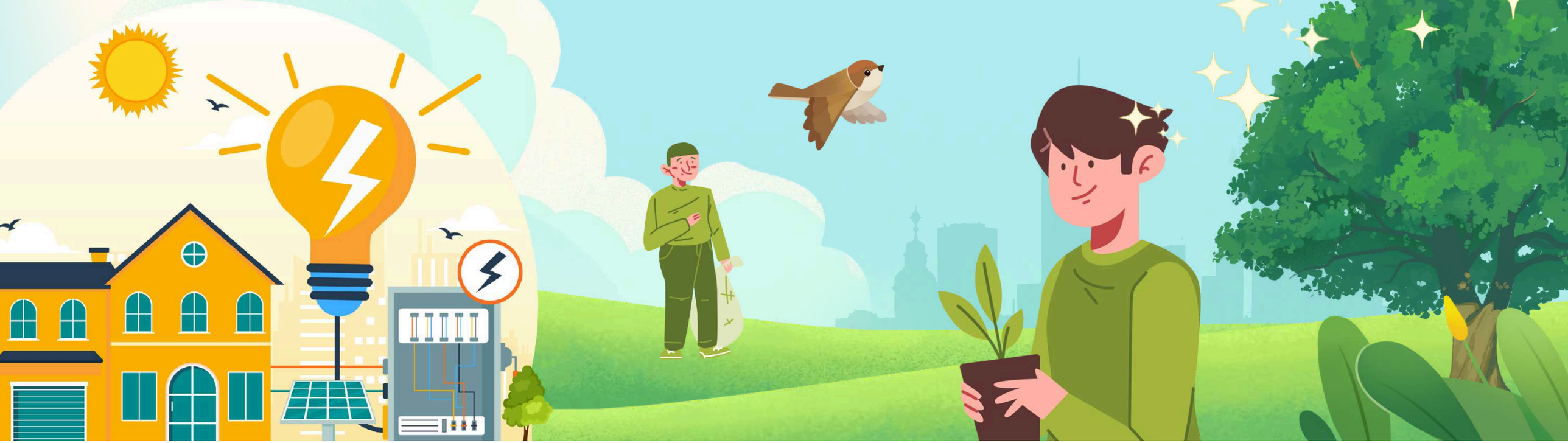


Online dissemination (social media, websites).

Youth voices in environmental policy discussions.

Building a sustainable youth climate network.





A15-Final Evaluation of the Project, Youth Participation Events Without Mobilities



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GREEN PARTICIPATION
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