

Workshop on Green Skills



Green skills

Objectives of the session

- **Define and understand the concept of green skills;**
- **Connect green skills to ESG and real decisions.**



What are green skills?

- **Brainstorming**



What are Green Skills?

Definition of green skills – Knowledge, abilities, and attitudes that help society shift to a low-carbon, resource-efficient, climate-resilient economy.

Two buckets:

- **Core (transferable):** systems thinking, data and digital literacy, collaboration, ethics & environmental responsibility, change/adaptation mindset;
- **Technical (role-specific):** energy auditing & building performance, eco-design & life-cycle assessment, regenerative agriculture & soil health, EV systems maintenance (electric drivetrains, batteries, charging), Heat-pump systems (sizing, installation, commissioning, servicing), Circular operations (repair, remanufacturing, reverse logistics, waste minimisation), Carbon accounting & reporting.



UN Goals

Sustainable Development Goal 9 includes the target of upgrading infrastructure and retrofitting industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes by 2030.



Sustainable Development

Sustainable development is a way of operating that enables companies and society to grow while caring for the environment, the economy, and people. It means businesses can expand and make profits without harming nature or local communities. In practice, it's about saving resources, reducing waste, using renewable sources, and treating employees and customers fairly.



ESG Link (E · S · G)

- **Environmental:** emissions, energy, water, waste, biodiversity
- **Social:** people, safety, inclusion, community, customer welfare
- **Governance:** ethics, transparency, risk management



ESG: Environmental · Social · Governance

ESG is a concept that covers three key areas companies must consider to operate responsibly and sustainably. The term is often used in the context of socially responsible investing and in assessing a company's risks and impacts on its surroundings. ESG provides the foundation for sustainability analysis and reporting.



Environment

This pillar covers a company's actions to protect the environment, such as reducing CO₂ emissions, managing resources sustainably, saving energy, and implementing the Circular Economy (CE). These efforts help companies lower their carbon footprint, cut operating costs, and prepare for future climate regulations.



Social

This pillar covers a company's impact on employees, communities, and customers. It includes issues such as human rights, working conditions, diversity and inclusion, safety, and social responsibility. Companies that care for their people and maintain strong relationships with local communities build loyalty and trust—benefiting long-term growth.



Governance

This pillar covers how a company is run—transparency, business ethics, anti-corruption measures, and risk management. Companies that implement strong governance practices are more resilient to risks and build a reputation for being ethical and trustworthy.



Personal Challenge

Each participant creates their own "Green Skills Pledge" card:

- Skills I already use in a sustainable way;
- Skills I want to develop;
- Green actions I can start this week;
- one new eco-habit they commit to for the next week.



Action Planning: Think Global, Act Local

Objective: Move from reflection to action.

Instructions:

- In groups, design a micro-project to promote green skills locally.

Each group prepares:

- A project name
- Goal and target group
- 2–3 planned actions
- Who does what?



Workshop on Green skills for the future



Green skills for the future

Objectives of the session

- Explore how global sustainability challenges affect the job market;
- Identify key green sectors and emerging professions;
- Empower participants to develop and apply green skills in everyday life and future careers.



Icebreaker: "Green Meter"

How Green Is My Life?

- **Each participant places a sticky note on the scale representing how sustainable you believe your daily habits are.**



Why Green Skills Matter

- **Employability: demand across sectors;**
- **Regulations & risk: prepare for reporting & standards;**
- **Innovation & savings: efficiency = lower costs;**
- **Impact: climate goals (mitigation & adaptation).**



Climate Basics: Mitigation vs Adaptation

- **Mitigation:** cut/avoid emissions (efficiency, renewables, circularity);
- **Adaptation:** prepare for impacts (resilience, nature-based solutions).



Circular Economy in One Slide

- From take-make-waste to design-reduce-reuse-repair-remanufacture-recycle;
- Quick wins: design for longevity, shared use, repair services, material loops.



Green Skills by Sector

- **Buildings:** passive design, heat pumps, smart controls;
- **Transport:** route optimisation, modal shift;
- **Food:** low-waste kitchens, seasonal menus, composting;
- **Industry:** eco-design, cleaner production;
- **Digital:** carbon accounting, data hygiene, efficient hosting.



Group Activity: Green Jobs of the Future

Objective: Identify and reflect on the skills required for emerging green professions.

Instructions:

- **invent future green job**
- **Each group answers:**
 1. **What does this job involve?**
 2. **What green skills are needed?**
 3. **What impact does it have on people and the planet?**



**Thank you for
your attention!**

**ZIELONE
ŚLĄSKIE**



Co-funded by
the European Union