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ERASMUS+ KA220 YOU

Sustainable Product Redesign Workshop

Building a Greener Future through STEM & Innovation

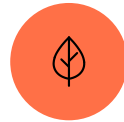


Transforming Everyday Objects



Future-Centred Design

Explore innovative approaches to sustainable design that anticipate tomorrow's environmental challenges and opportunities.



Environmental Impact

Analyse how everyday products affect our planet throughout their entire lifecycle, from production to disposal.



Innovative Solutions

Develop practical, realistic alternatives that minimise environmental harm whilst maintaining functionality.



Sustainable Scavenger Hunt

Your 60-Second Challenge

Time to get moving! Search your immediate surroundings for an object that tells a sustainability story.

01

Find an Item

Look for something eco-friendly OR a plastic disaster waiting to happen.

03

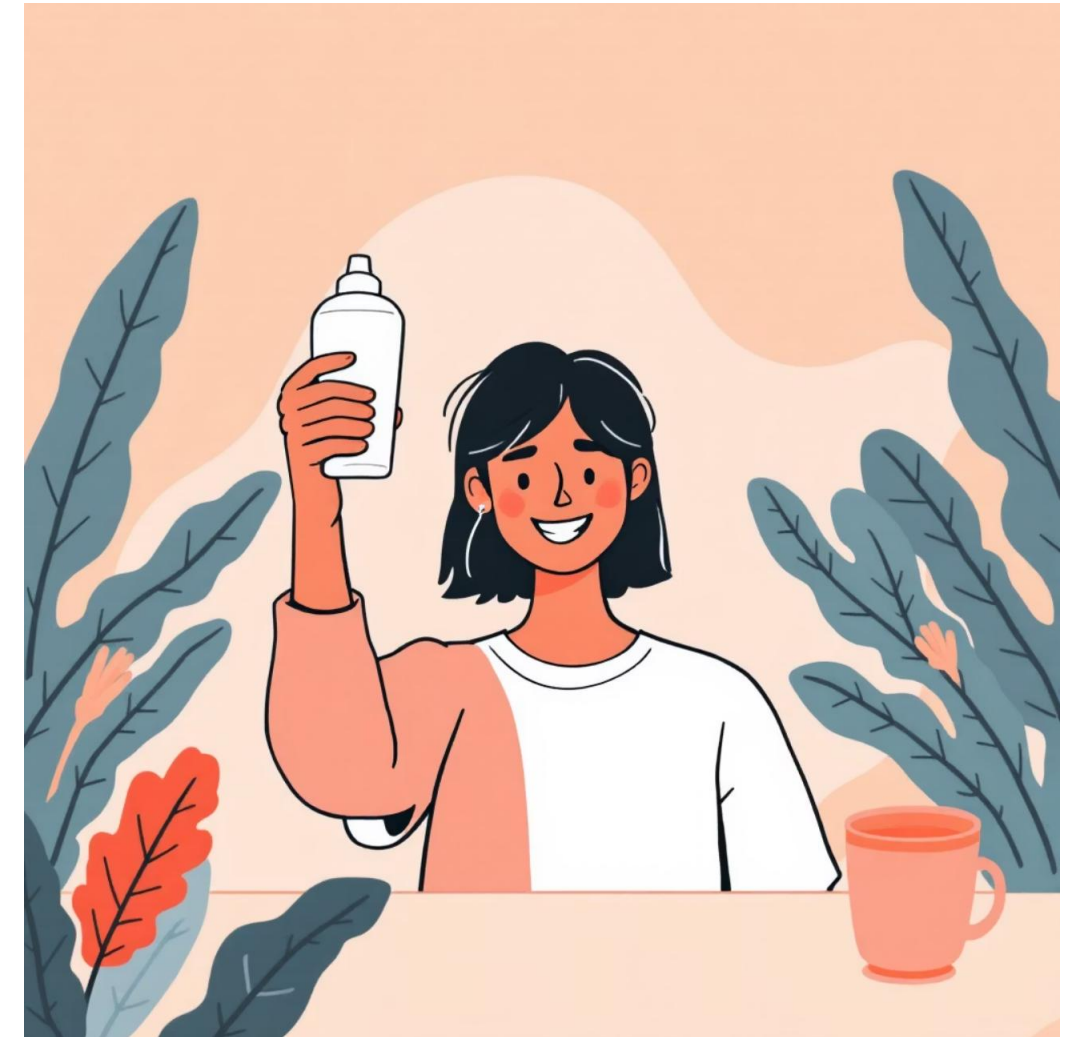
Show & Tell

Hold it up to your camera and be ready to share why you chose it.

02

Grab It Quickly

You've only got 60 seconds—make them count!



Your Team Structure

Effective collaboration starts with clear roles. You'll be working in groups of 3–5 people, and each member has an important part to play in making this workshop a success.



Facilitator

Leads group discussions, ensures everyone's voice is heard, and keeps the conversation focused on objectives.



Secretary

Records all ideas, decisions, and key findings in your group's Google Doc throughout the session.



Timekeeper

Monitors the schedule, provides time updates, and ensures your team completes each phase on schedule.

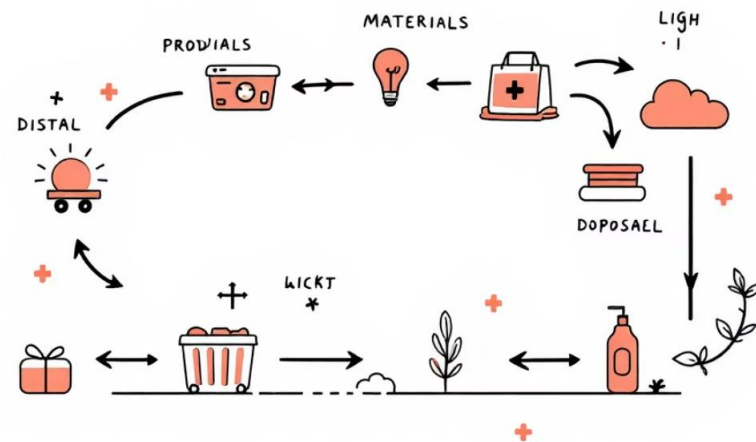


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Exploration & Analysis

Analysing the Lifecycle

 **Important:** Please record your notes in the Google Doc provided via the link in the chat. This is where you'll build your project together.



Critical Questions to Explore

- What materials comprise this product? Are they renewable, recyclable, or single-use?
- What is its carbon footprint throughout production, transport, and use?
- How long does it typically last before replacement?
- What happens at end-of-life? Landfill, recycling, or something else?



SESSION 2

35 MINUTES

Redesigning for the Future

Now comes the exciting part—transforming your analysis into innovative solutions. Think creatively, creatively, challenge assumptions, and don't be afraid to propose bold ideas.



Remember: Document all your redesign ideas in your group's Google Doc as you develop them.



Durability & Longevity

How can we extend the product's lifespan and improve its resilience?



Circular Economy

Can we design for reuse, repair, or complete recyclability?



Digital Integration

Could AI, sensors, or smart technology reduce environmental impact?



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Your Final Presentation

Each group will share their innovative redesign with everyone in the main room. You'll have exactly one minute to present, so make every second count!

1. Product Name

What did you choose to redesign?

2. Problems Identified

Key sustainability issues you discovered

3. Proposed Redesign

3–6 specific improvements or innovations

4. Expected Impact

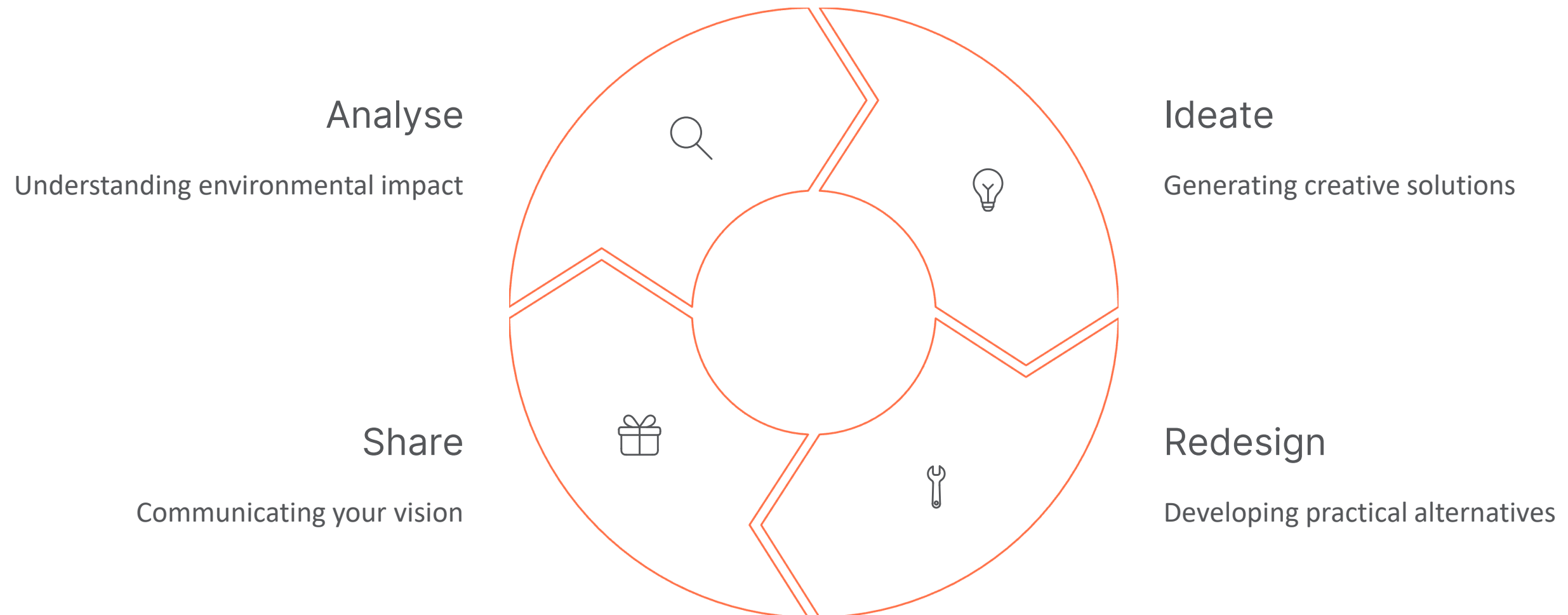
Environmental and social benefits

5. One-Minute Summary

Your compelling pitch to the group

Design Thinking in Action

Throughout this workshop, you've applied core principles of sustainable innovation. Let's reflect on the journey you've taken together.



Key Takeaways



○ Every Product Has a Story

From raw materials to disposal, understanding the full lifecycle lifecycle reveals opportunities for improvement.

○ Innovation Requires Collaboration

The best sustainable solutions emerge when diverse perspectives perspectives come together with a shared purpose.

○ You Have the Power to Change

Today's small design decisions become tomorrow's environmental environmental impact—positive or negative.



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<https://eurolinks.org/share/rbwGTLaPHZ8i2czpzE4b>

Please fill out our survey by clicking on the link.

Thank You for Your Innovation!

Your creative thinking and collaborative spirit today demonstrate the potential for potential for positive change. Continue questioning, designing, and reimagining the reimagining the products around you.

"The future belongs to those who believe in the beauty of their sustainable dreams."

We'll now move to our final evaluation. Keep thinking about your impact on the on the world—every choice matters!

