LIFE ON LAND

Sustainable Development Goal 15

TOOLS FOR T

Tools for becoming a T-Shaped professional

15 LIFE ON LAND

Co-funded by the European Union

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Education and Culture Executive Agency (EACEA). Neither the European Union nor EACEA can be held responsible for them.

LIFE ON LAND

Sustainable Development Goal 15

TOOLS FOR T
Tools for becoming a T-Shaped professional

Lessoncard Guide:

Lesson Overview:

In this overview you can find everything that you need and/or have in your packet to teach about the fifteenth Sustainable Development Goal (SDG): Life on land.

Learning Objectives:

- What life on land does for us as a species
- What we as a species are doing to life on land
- How we are trying to help life on land survive and thrive

Key Objective:

Getting the students into motion so they think about the Sustainable Development Goal and how they can improve themselves to make a contribution to it.

What to find in this lesson card:

- Informational video's
- Questionnaires
- Interesting facts
- An immersive VR experience

Preserving Biodiversity: Nurturing Life on Land for a Sustainable Future

SDG 15, also known as "Life on Land," highlights our collective responsibility to protect the Earth's terrestrial ecosystems and biodiversity. In a time of rapid urbanization and unsustainable land practices, this goal aims to address the urgent need for conservation and sustainable management of land resources.

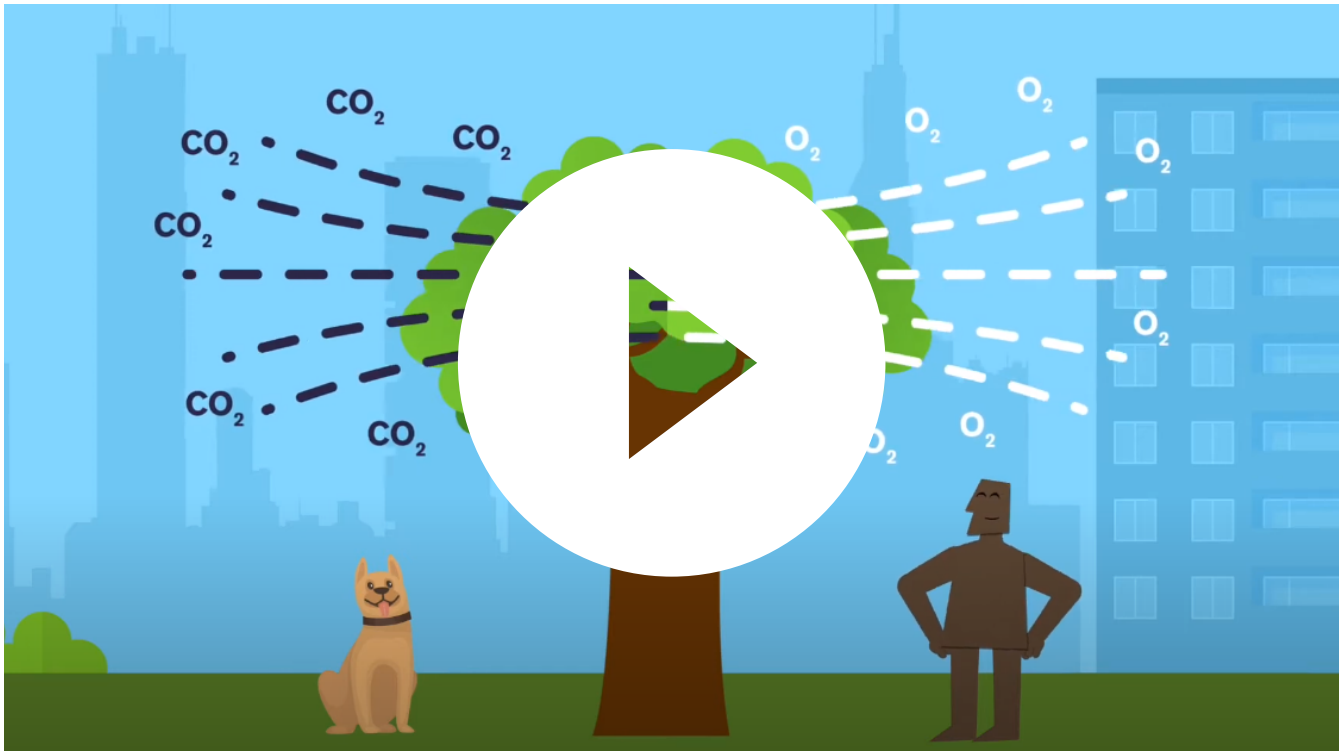
It includes objectives such as halting deforestation, combating desertification, restoring degraded land, and conserving biodiversity. By preserving habitats and ensuring the sustainability of resources, we can safeguard the well-being of both ecosystems and humanity.

15 LIFE ON LAND

TOOLS FOR T
Tools for becoming a T-Shaped professional

Learn more: Videos

This video sheds light on the crucial bond between humanity and the Earth's ecosystems, emphasizing the importance of trees, bees, and sustainable practices in our everyday lives. Trees, often overlooked, serve as the Earth's lifeline, absorbing carbon dioxide and producing the oxygen we need to breathe. Bees, essential to the global food chain, play a critical role in pollinating crops that are fundamental to our food supply.



Source: Understand Goal 15: Life on Land (Secondary) https://www.youtube.com/watch?v=qAfmUc7HJr0

Questions

- Why are trees and bees considered crucial components of Earth's ecosystem, and what roles do they play in maintaining the balance of our environment?

- How does consumer behavior, particularly the demand for wood-related products, contribute to deforestation and its negative impact on ecosystems?

- How does consumer behavior, particularly the demand for wood-related products, contribute to deforestation and its negative impact on ecosystems?

- In what ways can individuals contribute to the preservation of life on land, as emphasized in the video's call to action?

For more information...

Source: Life on Land 🌳 SDG 15 🐻 Sustainable Development Goals for Kids
https://www.youtube.com/watch?v=HRtua9GpzhY

Source: Understand Goal 15: Life on Land (Primary)
https://www.youtube.com/watch?v=P-vXJ387FRY

Source: Sustainable Development Goal 15 - Life on Land - Tracey Rogers
https://www.youtube.com/watch?v=N5YR2GMhYcI

Source: 2030- SDG 15- Life on Land- Ted talks
https://www.youtube.com/watch?v=vgAlj5_6czY

Did you know?

SDG 15 acknowledges the pivotal role of forests in sustaining life on land. Forests harbor approximately 80% of the Earth's terrestrial biodiversity and serve as crucial carbon sinks, significantly aiding in the mitigation of climate change.

Land degradation poses a significant global challenge addressed by SDG 15. Around 1.3 billion people, constituting one-third of the world's population, are impacted by degraded land. Implementing sustainable land management practices is essential to combat desertification and maintain land productivity.

SDG 15 underscores the importance of conserving and sustainably managing terrestrial and freshwater ecosystems. These ecosystems support a wide variety of plant and animal species, playing a crucial role in preserving biodiversity, providing ecosystem services, and ensuring the planet's overall health.

15 LIFE ON LAND

TOOLS FOR T
Tools for becoming a T-Shaped professional

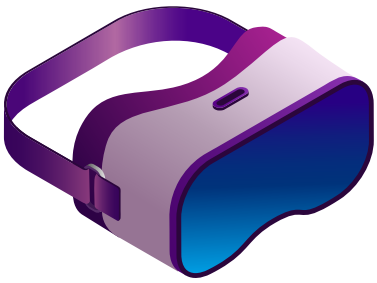
Clearing Everest trash

The Sagarmatha Pollution Control Committee (SPCC) manages trash on Mount Everest, tackling the rise in waste due to tourism. They urge visitors to help clean up. Some SPCC workers also serve as guides and Icefall doctors, installing ladders over icy gaps. Nepal aims to limit climbers, but further measures are necessary to preserve Everest's pristine status in Sagarmatha National Park.

How to get there

Visit the virtual experience by clicking the following link: Clearing Everest Trash
or by scanning the QR code.

Source: https://www.youtube.com/watch?v=BK79eI71qxU



Instructions for VR goggles

If you have a VR-headset you can watch this video in VR.

1. Put on VR goggles and open the web browser in the VR-set.
2. Type in or enter the link in the address bar.
3. Look around, listen well and enjoy the video!

Questions

- Describe the impact of increased tourism on the National Park

- What reforms are needed to keep Everest clear of trash?

What you can do

15 LIFE ON LAND

Reforestation Initiatives: Engage in or endorse reforestation projects. Planting trees aids in combating deforestation, enriches biodiversity, and assists in carbon sequestration, contributing to mitigating climate change.

Sustainable Land Management: Embrace sustainable land management methods in agriculture, forestry, and urban development. Avoid practices that cause soil erosion and degradation, and advocate for land-use planning that emphasizes conservation.

Wildlife Conservation Efforts: Support wildlife conservation endeavors. Back and participate in initiatives focused on safeguarding endangered species, preserving natural habitats, and advocating for responsible tourism to reduce ecosystem impact.

TOOLS FOR T
Tools for becoming a T-Shaped professional

www.tools4t.eu

Co-funded by the European Union

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Education and Culture Executive Agency (EACEA). Neither the European Union nor EACEA can be held responsible for them.