

UNIVERSEUM

2024

The National Science Centre of Sweden



A hand is shown from the bottom, holding a glowing, semi-transparent Earth. The Earth is illuminated from within, showing continents and city lights, and is set against a dark background with small, distant stars.

Sustainable development

“Sustainable development is development that
meets the needs of the present, without
compromising the ability of future generations to
meet their own needs.

The Brundtland Commission 1987

“Meet the needs of the present.”

What are the needs of the present?

What are the needs of future generations?





The needs of other species

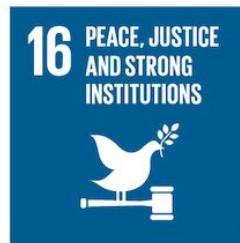
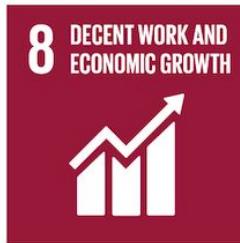
What do they need?

1. Choose one of the small plastic animals.
2. Take one plate of paper and build a environment for the animal. Where do the animal live? What does it need? Is there anything from nature that we can use in our build?
3. What happens when something important disappears from the environment?



THE GLOBAL GOALS

For Sustainable Development

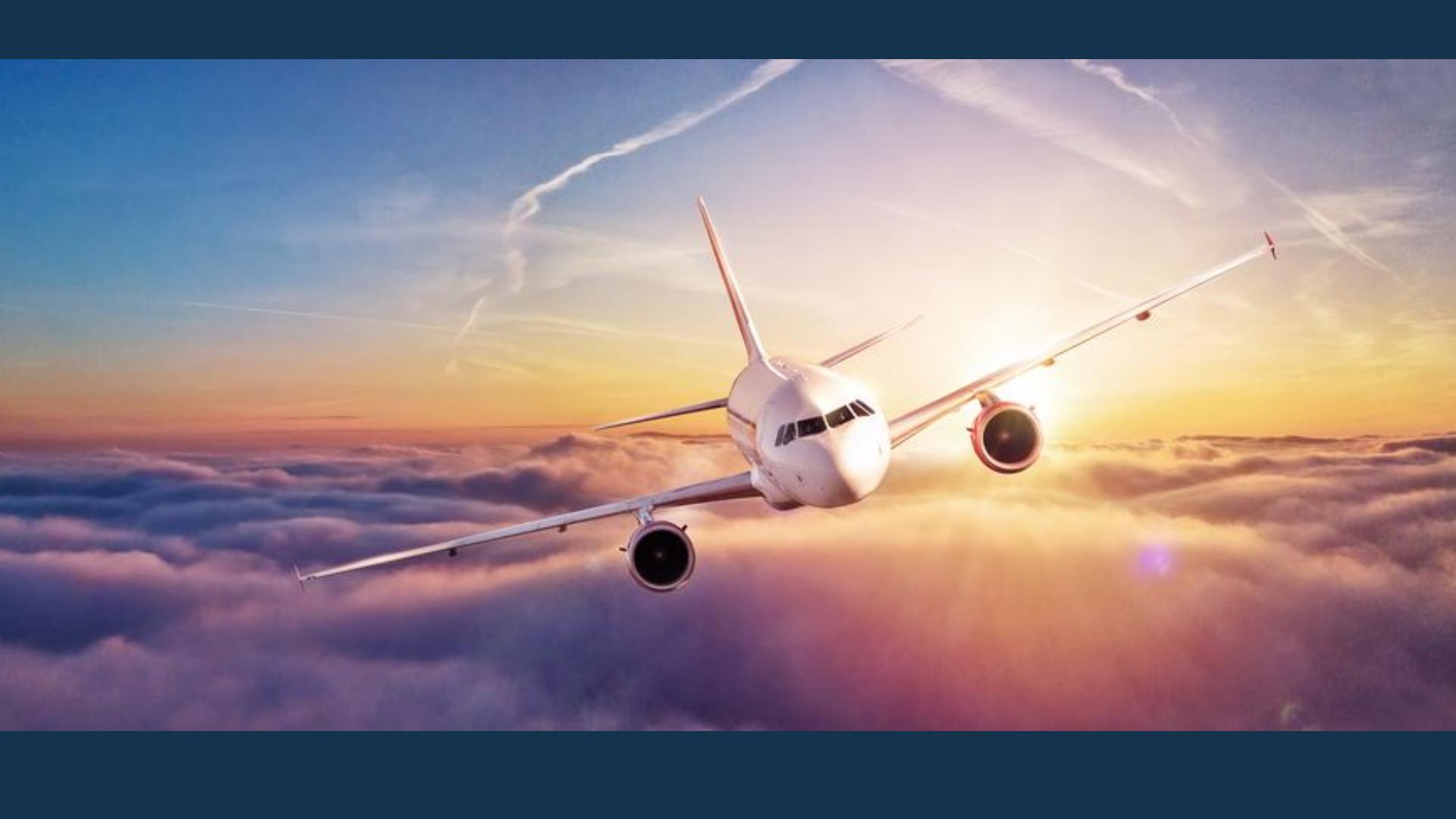




- **Eradicate extreme poverty.**
- **Reduce inequalities and injustices in the world.**
- **Promote peace and justice.**
- **Address the climate crisis.**

A large, lush tropical conservatory with wooden walkways and glass walls, featuring a large tree and red parrots.

Ecosystem and biodiversity



Drivers of biodiversity loss

- Habitat loss/degradation.
- Overexploitation.
- Climate change.
- Pollution.
- Invasive species.
- Diseases.



Finding ecosystem services

1. An animal we get food from.
2. A plant we get food from.
3. Something that helps decompose organic material.
4. Something that gives us oxygen.
5. Something that can provide us with heat.
6. Something that provides us with medicine.
7. Something that absorbs carbon dioxide.
8. Something that protects us from floods and natural disasters.

