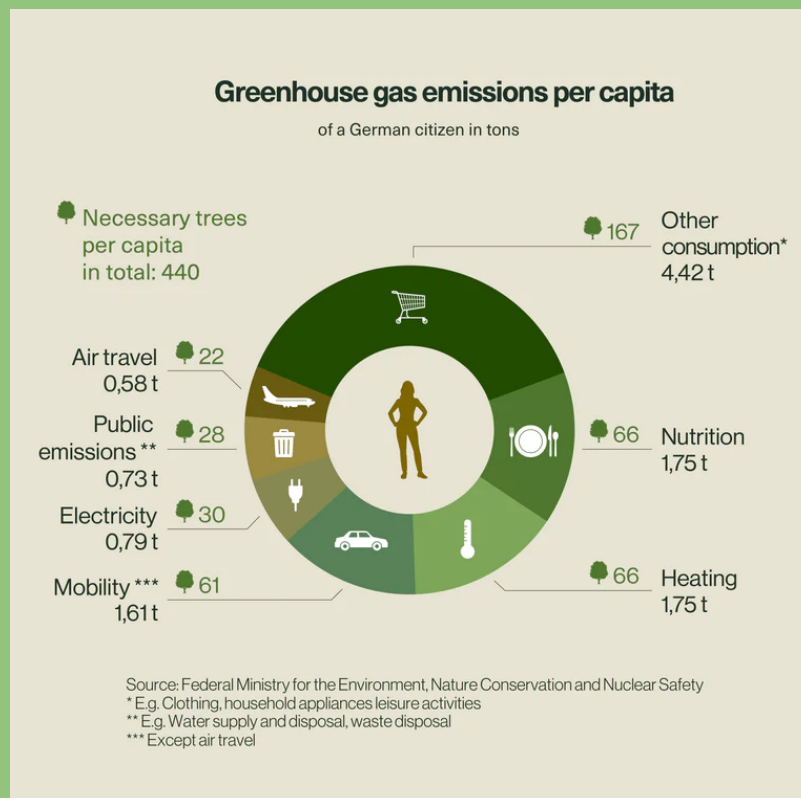


## Worksheet

### 1. Forest and climate change

Forests cover about 30% of the Earth's land surface. As forests grow, their trees take in carbon from the air and store it in wood, plant matter, and under the soil. If not for forests, much of this carbon would remain in the atmosphere in the form of carbon dioxide (CO<sub>2</sub>), the most important greenhouse gas driving climate change.

[https://multimedia.europarl.europa.eu/ro/video/x\\_N01\\_AFPS\\_220519\\_LULU](https://multimedia.europarl.europa.eu/ro/video/x_N01_AFPS_220519_LULU)



Use the information above to calculate how many tons of CO<sub>2</sub> a family of four produces in August. How many trees is needed to absorb the entire amount of greenhouse gas?

Calculate for your family as well.

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## 2. SFM for



conservation

**Biodiversity refers to the incredibly rich variety of life on Earth. Ecological life support— biodiversity provides functioning ecosystems that supply oxygen, clean air and water, pollination of plants, pest control, wastewater treatment and many ecosystem services.**



Specify 3 reasons why biodiversity is important for human health

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Is biodiversity important for recreation? What are the recreational activities you practice in nature?

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Support biodiversity!  
Plant a tree, feed an animal...