

Sustainability at NOVA - Facts and Figures 2023

UPDATE

(GHG emissions)



The current document provides an update on the Greenhouse Gas emissions data reported on the *NOVA Sustainability Facts and Figures 2023* Report.

This new data reflects the work NOVA conducted under its *Route Zero* Project, the Roadmap towards becoming a Net Zero and climate resilient University. One key component is the development of its first GHG emissions inventory, in accordance to the GHG Protocol Standard.

Having completed base year emissions calculations for the year 2023, we thus present updated, more accurate data. Emissions calculation for the year 2024 is underway.

Greenhouse Gas Emissions Inventory: 2023

Scope 1: Direct emissions

Occur from sources controlled by NOVA/OU

consumption of natural gas in homes or canteens);

Consumption of fossil fuels used in NOVA vehicles;

Fugitive emissions that result from unintentional release, such as refrigerant gas leaks during the use of refrigeration or air conditioning systems.

Scope 2: Indirect emissions

They occur from emission sources not controlled by NOVA/UO;

Electricity consumption, purchased from an external supplier;

Scope 3: Other indirect emissions

Emissions that would not occur if it were not for the activities of NOVA/UO.

C1. Purchased goods and services

C2. Capital goods

C3. Fuel and energy activities

C4. Transport (upstream)

C5. Waste generated

C6. Missions

C7. Commuting

C8. Leased assets | leased (upstream)

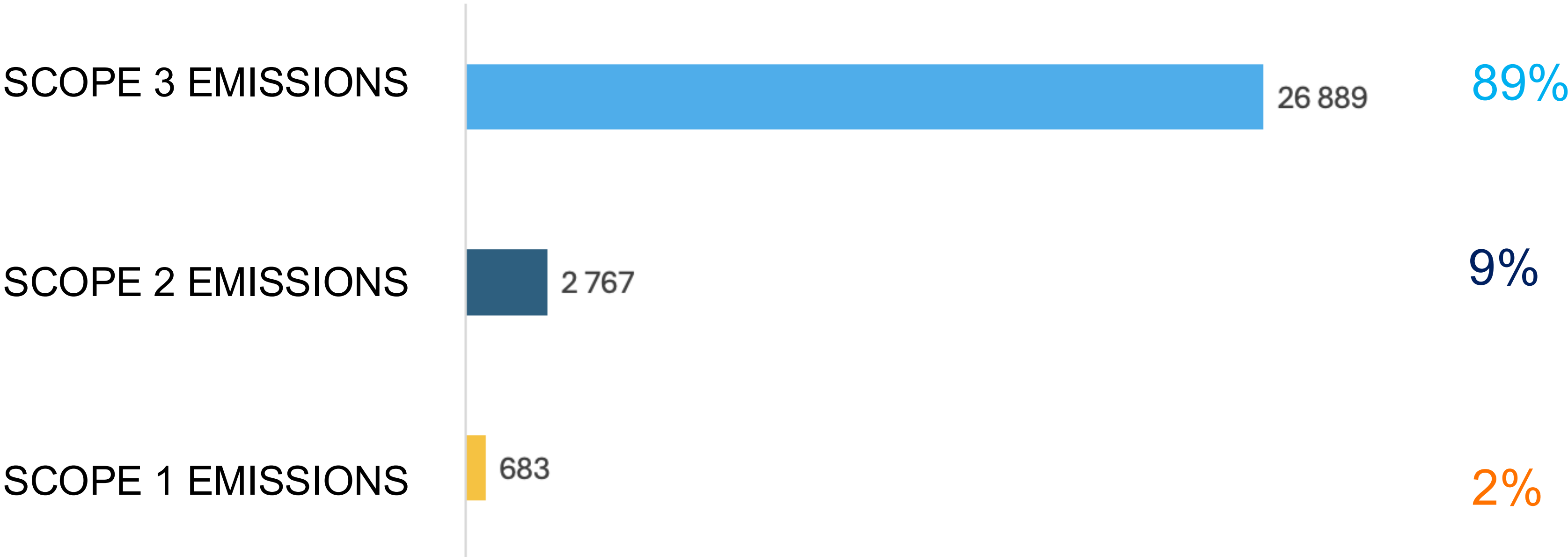
C9. Transport (downstream)

C13. Leased/leased assets (downstream)

Greenhouse Gas Emissions Inventory: 2023

30 338 t CO₂e

Total Emissions (tCO₂e)



Greenhouse Gas Emissions Inventory: 2023

