

# GHG Protocol Corporate Standard Report

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## Scope 1 and Scope 2 Greenhouse Gas Emissions for 2025 Kyiv National University of Construction and Architecture (KNUCA)

*Date: 21 January 2026.*

### 1. Reporting overview

Indicator	Value
Reporting standard	GHG Protocol Corporate Standard
Reporting year	2025
Organisation	Kyiv National University of Construction and Architecture (KNUCA)
Scope 1 result	111.14 tCO <sub>2</sub> e
Scope 2 result (location-based)	950.40 tCO <sub>2</sub> e
Total Scopes 1 and 2	1,061.54 tCO <sub>2</sub> e

### 2. Boundary and assumptions

- Scope 1 includes only direct combustion of diesel and gasoline used in on-site electricity generators.
- Scope 2 is reported only on a location-based basis.
- The report uses the latest publicly available Ukrainian grid-average emission factor identified during preparation.

### 3. Key activity data and emissions

Category	Activity data	Emission factor / basis	Result
Scope 1 – diesel combustion	24,300 L	EPA 2025 stationary combustion factors	65.75 tCO <sub>2</sub> e
Scope 1 – gasoline combustion in generators	19,500 L	EPA 2025 stationary combustion factors	45.39 tCO <sub>2</sub> e
Scope 1 – total	Fuel combustion only	Sum of direct emissions	111.14 tCO <sub>2</sub> e
Scope 2 – purchased electricity	3,300,000 kWh	Ukraine grid-average factor: 0.288 tCO <sub>2</sub> /MWh	950.40 tCO <sub>2</sub> e
Scopes 1 + 2 total	—	—	1,061.54 tCO <sub>2</sub> e

### 4. Share of emissions

**Purchased electricity (Scope 2):** 89.5% of total Scopes 1 and 2 emissions

**Direct fuel combustion (Scope 1):** 10.5% of total Scopes 1 and 2 emissions

### 5. Reference basis

- GHG Protocol. The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition).
- GHG Protocol. Scope 2 Guidance.
- U.S. EPA. Emission Factors Hub (January 2025).
- DiXi Group / Green Transition Office. GHG Emission Factors for Electricity Generation and Consumption in Ukraine.