



Greenhouse Gas Inventory and Science-Based Target

Arakne S.r.l. — Scope 1 and Scope 2 emissions, base year 2025

Version 1.0 | Reporting year: 2025 | Public disclosure

1. Our commitment

Arakne S.r.l. has set a near-term emissions reduction target and submitted it for validation to the Science Based Targets initiative (SBTi), through its SME Streamlined Target Validation Route. Our target is:

“Arakne S.r.l. commits to reduce absolute scope 1 and scope 2 GHG emissions 33.6% by 2033 from a 2025 base year, and to measure and reduce its scope 3 emissions.”

Target status: submitted to SBTi Services for validation through the SME Streamlined Target Validation Route. This document will be updated upon validation, when our target will also be published on the SBTi Target Dashboard.

2. Why we did it

As a software development company working with public administrations and European programmes, we believe that measuring our environmental footprint is part of doing our work properly. Setting a science-based target means committing to a reduction pathway consistent with limiting global warming to 1.5°C, verified against an internationally recognised standard rather than self-declared.

3. Our 2025 emissions

We calculated our greenhouse gas inventory for calendar year 2025 following the GHG Protocol Corporate Accounting and Reporting Standard and the GHG Protocol Scope 2 Guidance, using the location-based method for purchased energy. The inventory covers all seven greenhouse gases required by the GHG Protocol.

Scope	Emissions (tCO ₂ e)	Share
Scope 1 — direct emissions (company car)	0.84	2.8%
Scope 2 — purchased energy, location-based	29.28	97.2%
Total Scope 1 + 2	30.12	100%

Emission intensity: 0.89 tCO₂e per employee. Scope 2 emissions relate to our allocated share (30%) of the electricity and centralized heating/cooling of the shared office building, based on the 6 rooms out of 20 that we occupy. Heating and cooling emissions are currently estimated conservatively, pending metered data from the building management; actual emissions are therefore expected to be lower than reported.

4. How we plan to reduce them

- Replacing our company car with a hybrid or battery-electric vehicle at the end of its useful life, and not adding new internal-combustion-only vehicles to the fleet.
- Reducing business mileage through remote meetings and combined site visits.
- Improving office energy efficiency: LED lighting, high-efficiency IT hardware, and power management of workstations.
- Working with the building owner and manager to obtain metered consumption data, optimise heating and cooling schedules, and evaluate high-efficiency electric heat pumps.
- Assessing, together with the building owner, a rooftop photovoltaic installation for self-consumption.

5. Scope 3 and next steps

In line with the SBTi requirements for SMEs, we commit to measure and reduce our scope 3 emissions. The categories relevant to our business are purchased goods and services (mainly cloud and hosting services), capital goods (IT hardware), business travel and employee commuting. Measurement will start from the reporting year following target validation.

We will update this inventory annually and publish our progress against the target on this page.

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