

VOCO™

AN IHG HOTEL

Brussels City North

SUSTAINABILITY AT VOCO

At voco™ Brussels City North, we are dedicated to providing exceptional hospitality while prioritizing environmental sustainability. Situated in Vilvoorde, our hotel aims to offer guests a memorable experience while minimizing our carbon footprint.

We recognize the urgent need to address climate change and are committed to taking proactive steps to reduce our environmental impact. As part of our sustainability efforts, we believe in implementing innovative solutions to lower emissions throughout our operations.

Join us in our journey towards a greener future as we strive to make a positive difference in the hospitality industry and beyond.

voco™ Brussels City North
Indringingsweg 1
Vilvoorde 1800
www.voco.com/brusselcitynorth



SUSTAINABLE INNOVATION AT VOCO

🌿 Carbstone Innovation

The patented Carbstone technology by Orbix aligns with stricter environmental regulations, rising CO2 emission costs, and the EU's zero-waste policy.

🌿 Low Carbon Concrete

Low-carbon concrete by Holcim's ECOPact is made with innovative cements and additives. This specific type of concrete supports circular economy, is recyclable and reduces the CO2 footprint.

🌿 Green Architecture

Extensive green roofs on the new building (except top floor) absorb rainwater, purifying it, while some evaporates through plants. Vegetation filters air pollutants, converting CO2 to O2, improving air quality.

Green roofs lower ambient temperature and reduce noise pollution. Shielded from weather elements, they extend to a lifespan of > 60 years.

🌿 Droneport

Space at the entrance of LT2030 is allocated for drone landing. This includes unmanned drones as well as manned drones, which may become more common among the public in the future.

🌿 Electric Charging Stations

Europe's largest high-power charging network, Vilvoorde station is the first on the Brussels ring. Charging points: 350 kW capacity, capable of fully charging any European CCS standard electric vehicle in 15 minutes. Lonty operates with 100% renewable energy, enabling CO2-neutral driving.

🌿 Facade systems & smart building solutions

The 'Internet of facades' assigns digital identities to each facade element, storing comprehensive data accessible throughout its lifespan, offering enhanced oversight and control for building owners, investors, and facility managers.

🌿 Sustainable energy

The building utilizes energy from borehole thermal energy storage and water pumps, which help to reduce CO2 emissions. The Smart Acoustic Passive Power (SAPP) ceilings in both the new and renovated parts of the building, such as the bar, offer high levels of sustainability and ecology, alongside acoustic and thermal comfort. They feature an open structure that facilitates natural convection for rapid temperature adjustment through radiation, serving both heating and cooling purposes.

🌿 Biorotor

A biorotor installed in front of the existing LT building provides a solution for wastewater treatment in the absence of sewage pipes in the Indringingsweg, preventing untreated waste, including fecal matter, from directly entering the canal by treating it and discharging it in a purified form.

