



## case study

# Timmerhuis

*A sustainable meeting point*

Designed by the renowned Rem Koolhaas, Timmerhuis is an architectural giant that connects the old with the new in the City of Rotterdam, The Netherlands. Through an indoor passage, residents and visitors can move around freely from the city's one area to the other. Most of all, Timmerhuis serves as a work place and apartment complex, as well as a social space to shop, eat and drink.

Sustainability is key to Timmerhuis. Triple glass isolation, temperature regulators and storage, and energy efficient elevators are just a few features within its impressive portfolio. In addition, Timmerhuis regulates built-in installations based on a seasonal basis. This ensures an optimal and economical consumption of energy. With these measures, Timmerhuis has become the first multi-use building in the country to receive a BREEAM Excellent \*\*\*\* certification.

**"Timmerhuis is actively helping the city improve its air quality. We understand very well that electric transport is crucial to this process."**

**Niels Kurver**  
Real Estate Developer  
Timmerhuis / City of Rotterdam

Rotterdam profiles itself as a testing playground for innovations and pilots. For the past few years, the Municipality started stimulating the adoption of electric vehicles. After all, electric cars are clean and cost effective. To propel drivers onto the electric route, Rotterdam is now placing a network of 2,000 charging points. This number is set to increase in the near future, as Niels Kurver, Real Estate Developer at Timmerhuis and The City of Rotterdam, points out. It's Timmerhuis' ambition to help the city in this and many other sustainability projects. This is why its real estate developers have placed 20 EV-Box charging points at its spacious indoor parking lot...

## Why EV-Box?

We opted for EV-Box as they are the supplier of charging facilities at De Rotterdam. Just like Timmerhuis, De Rotterdam is new, sustainable project designed by Rem Koolhaas. We also got to learn about EV-Box from Rotterdam Elektrisch. This is an initiative led by the Municipality of Rotterdam in collaboration with energy supplier ENGIE and EV-Box, to expand the number of charging points in Rotterdam and its region. Since EV-Box is a trusted, established name, we knew we could rely on its service.

**Leon Wielaard**  
Real Estate Developer  
Timmerhuis / The City of Rotterdam

## Charging with efficiency

Timmerhuis' charging stations are configured with EV-Box' Smart Charging technology. Smart Charging defines a set of technical configurations that enable EV-Box charging stations to act on user behavior and the availability of power per location. At Timmerhuis, Smart Charging helps to distribute the electrical capacity proportionally over its 20 charging points. This should keep the power consumption within the building's guidelines. In addition, it helps Timmerhuis to get the most out of its charging facilities, with significant savings in times of peak demand and high electricity rates. For a place like Timmerhuis that prioritizes energy efficiency, Smart Charging has become an indispensable tool.



We'd like to express our gratitude to Timmerhuis for its tremendous contributions to a greener, more sustainable future.

Special thanks to Liane Fix, Niels Kurver and Leon Wielaard, who have helped us draft this case study.

Source: [timmerhuisrotterdam.nl/nl/het-project/duurzaamheid](https://timmerhuisrotterdam.nl/nl/het-project/duurzaamheid)



EV-Box is an international market leader in Electric Vehicle Supply Equipment (EVSE) and related cloud-based services. With an installed base of over 48,000 charging points across more than 840 cities worldwide today, EV-Box now serves electric drivers, businesses, facilities and major public charging networks including Amsterdam, the global role model city of urban e-mobility. EV-Box is unique in fusing hardware and software into an All-in-One Charging Solution to ensure a safe and easy charging experience and an energy-efficient operation.

We'd love to help you find a charging solution that best suits your needs, as well as those of your visitors and residents. Please contact us at +31 (0)88 77 55 444 or [sales@ev-box.com](mailto:sales@ev-box.com).

Learn more about electric driving & charging at [ev-box.com](https://ev-box.com)

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