

Roche "pRED" research center (new building) Basel



Project profile and challenge

Roche is currently undertaking a large-scale construction project in Basel – the building of a new research center at its Group headquarters. The planned new development is an architectural complex made up of four main buildings.

The greatest challenge involved in this large-scale project is working in a densely-populated residential area under tight spatial constraints. Requirements on noise and CO₂ reduction must also be fulfilled during the construction process. As a result, highly sophisticated logistics planning was required.

Solution

To overcome the spatial constraints, Swiss Post set up an external **construction logistics hub** – a consolidation warehouse – in Pratteln. Goods from various suppliers are delivered to this site, where they are stored temporarily and assembled as **prefabricated** modules if required. From Pratteln, the materials are transported to the construction site in Basel in good time using **e-trucks**. This reduces direct journeys to the site by up to 60 percent.

Deliveries are registered by suppliers in logistics software, enabling goods to be delivered "just-in-time" to the part of the site where they are needed. Swiss Post is also responsible for the **vertical and horizontal transfer of materials** on the site and for ensuring **professional waste disposal**.

Benefits for customers

- 🚧 60 percent less construction site traffic
- 🎯 Avoidance of delays to the construction schedule
- 🚚 Huge time savings thanks to prefabrication in Pratteln
- 🕒 "Just-in-time" supplies of materials to the site
- 📍 Single point of contact and coordination
- 🌱 Reduction of CO₂ and noise emissions = happy local residents

Facts & figures

Investment cost	CHF 1.2 billion
Building volume	473,100 m ³
Start	April 2019
Completion	Mid-2023
Location	Basel



Two premieres at Swiss Post:
Swiss Post helps ensure the works go smoothly.



Video: Swiss Post's nominated project
Swiss Logistics Award 21
Roche "pRED"