

# New development on the Suurstoffi site: Aglaya garden high-rise

Zug Estates Ltd



## Project profile and challenge

A green innovation has been created on the Suurstoffi site in Rotkreuz, Canton of Zug: Aglaya, Switzerland's first garden high-rise building. The development project is a residential and commercial building with 85 apartments, office space for around 75 workplaces and a restaurant area. The "garden high-rise's" unique feature is its green-space concept.

The greatest challenge involved in this project was working on a construction site located in the middle of a residential area. Spatial constraints were so tight that optimal use had to be made of unloading, loading and manoeuvring spaces to avoid bottlenecks. This meant that deliveries, storage and waste disposal was planned and executed on a "just-in-time" basis.

## Solution

As a partner for construction site logistics, Swiss Post played a key role in this future-oriented project. A logistics manual was produced for this project, maximizing on-site productivity and reducing noise and CO<sub>2</sub> emissions for local residents. In addition, Swiss Post handled all deliveries of materials and coordinated the entire logistics operation on the site. Swiss Post did not just draw on its extensive expertise in logistics – it also provided individual digital services to ensure that processes ran smoothly. This included setting up an interface for the garden high-rise project, enabling suppliers to register their deliveries. As a result, it was clear right from the moment of registration which external elevator and unloading equipment were required and where the materials would ultimately be used.

## Benefits for customers

- 🕒 Avoidance of delays to the construction schedule
- 👷 Increase in productivity and quality of all technical crews
- 🚚 Less building site traffic
- 🕒 "Just-in-time" delivery of materials
- 📍 Single point of contact and coordination
- 🌱 Reduction of CO<sub>2</sub> and noise emissions

## Facts & figures

Customer	Zug Estates Ltd
General planner	S+B Baumanagement AG
Total cost	CHF 100 million
Start	2016
Completion	2019
Location	Rotkreuz



**"High up on the construction site"**  
Swiss Post managed logistics processes on the large-scale construction site in Rotkreuz.