

# Simond

Headquarters and mountaineering equipment factory, surrounded by the exceptional beauty of the Mont Blanc landscape.

CLIENT

Decathlon Simond group

TEAM

Patriarche (Architect, Scheduling, HQE, All Trades, Cost Management)  
Partner:  
Duverney  
Credits :  
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KEYPOINTS

Factory 4.0 design adapted to the mix of functions and interactions between operators and users;  
and flexibility and scalability of use.  
Facades and complex structures  
Nailed wall construction technique.

ENVIRONMENTAL PERFORMANCE

Energy recycling  
BREEAM Rating - Good

AWARDS

Grand prix du SIMI 2020

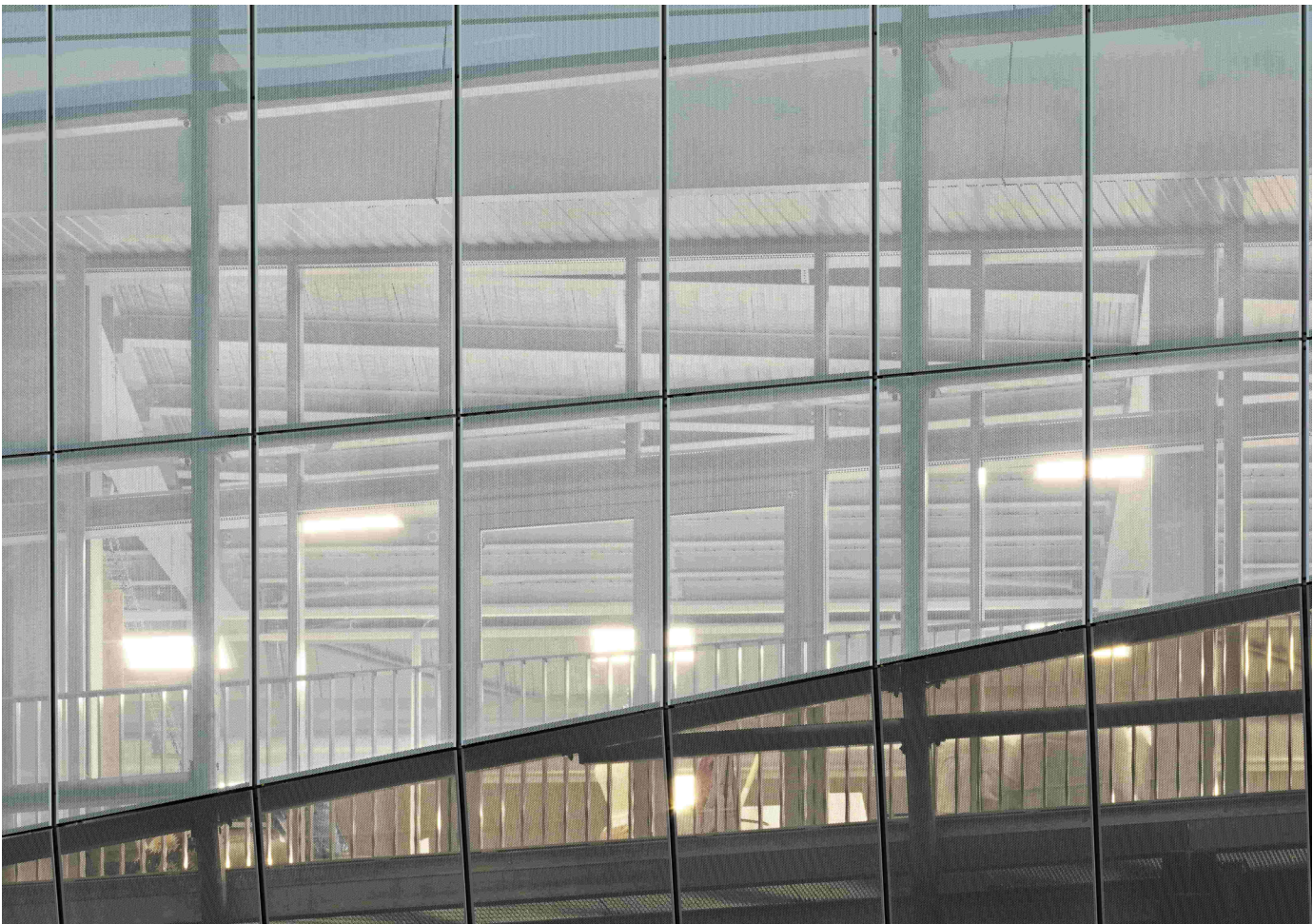


The Simond building, a showcase for local know-how in Chamonix, marries contemporary architecture, construction expertise, and cutting-edge services and industrial spaces. It expresses an uncompromising blend of tradition (Simond is almost two hundred years old) and forward thinking in the very birthplace of world mountaineering.

A dynamic space for research, innovation and production, it embodies the factory’s commitment to preserving the know-how of making mountain equipment.

The materiality of the metal inside and outside the building was expressed as a reminder of the company culture and origins as a blacksmith’s shop.

To build Simond, Patriarche faced many technical challenges, ranging from the steepness of the terrain to difficult weather conditions. At the same time, staff are guaranteed pleasing views from the building, and the visually striking building catches the eye of passers-by thanks to its complex and unusual shapes. Among other things, Simond is able to meet the challenges of Industry 4.0 by housing manufacturing workshops and research and development staff offices in a flexible way.



Typology Manufacturing and services	Construction cost 3.6 M€	Status Delivery 2020
Surface area 3 800 m²	Location Chamonix, France	Allocation mode Private project management



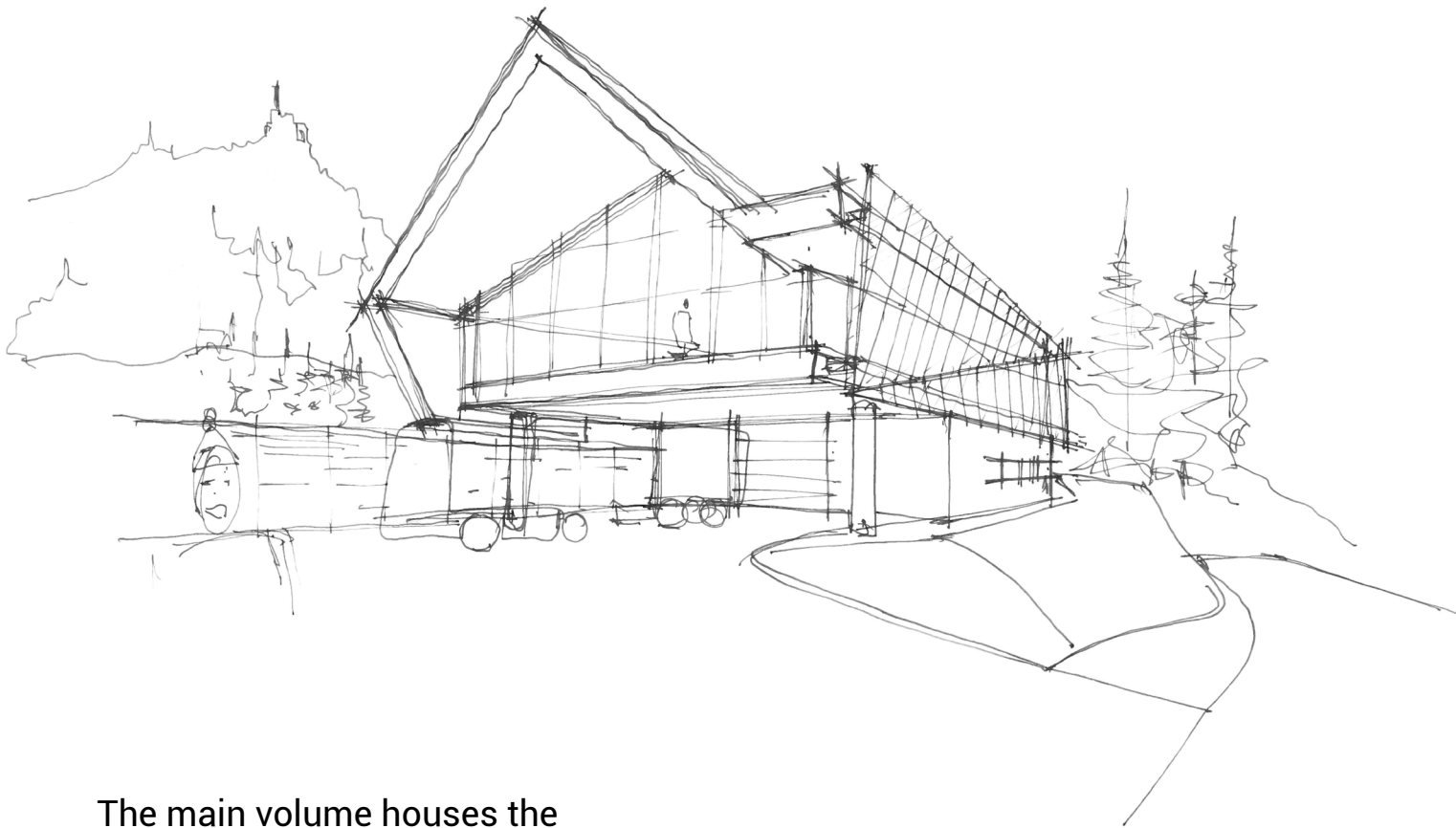
## Intentions – stance

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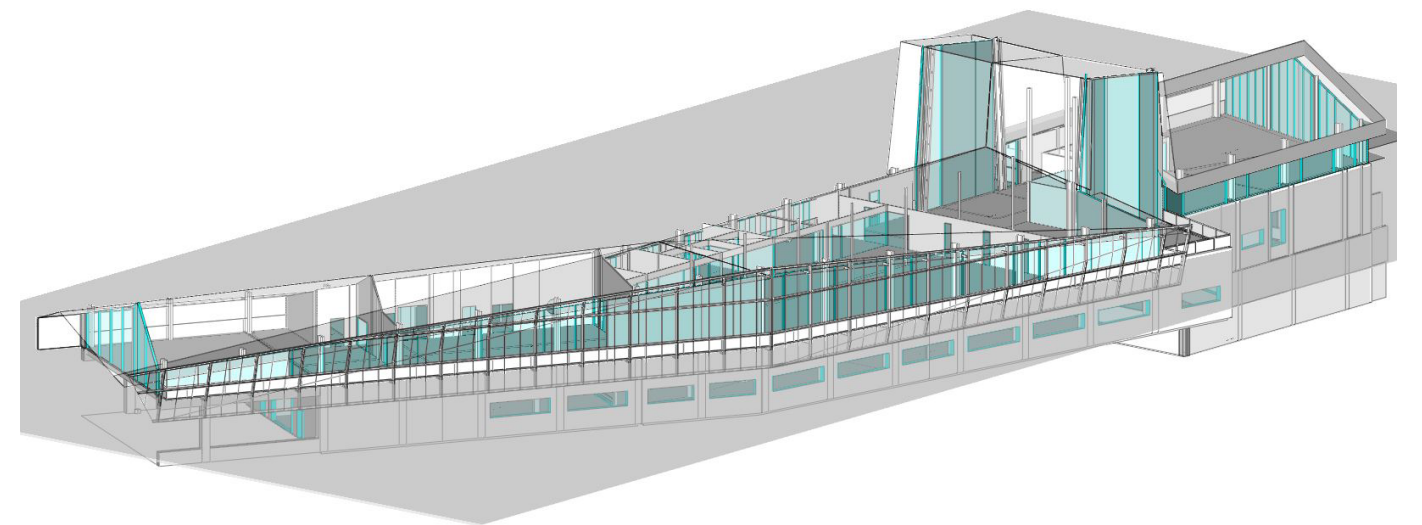
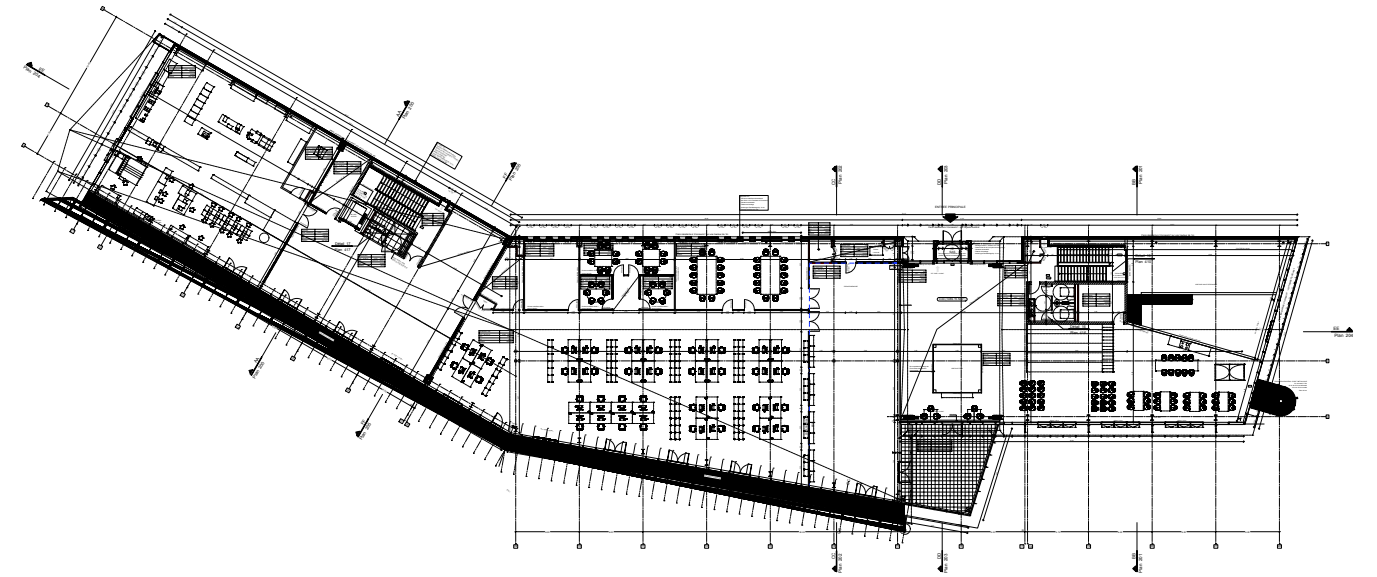
The project, nestled in the heart of the mountains, is located on a future business area. Immediately visible from the famous Route Blanche, the site is set against the backdrop of the Mont Blanc massif, notably featuring the Aiguille du Plan, the Aiguille du Midi, and the Bossons Glacier.

The roof folds to create a landmark and thus accommodates a drop tower, marking the main entrance.

The base, meanwhile, integrates the production plant.



The main volume houses the assembly workshops, office areas, and a showroom. The perforated metallic skin covering it reflects the light of the sky and the mountains.





## Hosting Industry 4.0

The building was designed with a constant focus on constructive rationality and cost efficiency, in order to optimize the possible uses as a result.

The large glazed façades open up views of the surroundings, creating a link between the building and the landscape.

On the upper floor, the offices are spatially organized within a 'common hall' to encourage collaborative work, while on the garden level, the production workshops are arranged according to an Industry 4.0 model.

This 'productive hive' is fully adaptable and reconfigurable to meet changing needs.

A space dedicated to productive activities, collaboration, and long-term flexibility.







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