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WATER TREATMENT PLANT STEP-VIDY IN LAUSANNE

The new regulations for the treatment of wastewater at STEP-Vidy led to the covering of the existing facilities at this major industrial site.

A design competition was launched to find an architectural and urban solution for the integration of this new installation at the existing plant. The site is located in a very exposed position between the natural lakeside setting, the motorway slip road and the neighbouring IOC headquarters. The winning project extended the existing park to the base of the proposed buildings. Above it, a continuous envelope of pneumatic cushions forms a light, translucent membrane. The extensive roofing areas were sown with dry grass.



CLIENT
Municipality of Lausanne

ARCHITECT
m+n architectes; Geneva
Séraphin Hirtz, landscaping,
Geneva

TEKHNE SERVICES
Client assistance :
- programming
- design competition
- tender procedure for specialist
services

DATE | COST
2011-2015
CHF 45 million

DIMENSIONS
Floor area 28,000 m²
Gross volume 540,000 m³