

ENVISION AESC

LI-ION CELLS GIGAFACTORY



Owner: Envision AESC (CN / JPN)
Year: 2021-2024
Works value: confidential (300 – 500 M€)
Mission: Design & Build - Building & Infrastructure Design

Design & Build team with :
 Vinci Construction + EQUANS + EKIU + MANING

MANING's role in the team consists in the design of :

- Building (shell, structures)
- Infrastructures (drainage, roads, masterplan)
- Fire protection (fire detection, sprinkler, evacuation, firewalls)
- Office fittings (HVAC, LV / IT)

Construction of a 9 Gwh/year Li-ion battery manufacturing plant for a Sino-Japanese customer (international project, project language: English)

The 90,000 m² building is located on land made available by the Renault Douai plant (60 ha). The project is part of a 30 GWh/year development plan.

Project subject to environmental authorization (SEVESO high threshold), creation of clean rooms (ISO 7) and dry rooms (-40°C DP), utilities production, 100% electrical power supply (70 MW).

Architect : L&G



VERKOR

LI-ION CELLS GIGAFACTORY

Owner: Verkor
Year: 2022-2025
Works value: confidential (400 – 600 M€)
Mission: Concept Design – Basic Design

Design & Build team with :
Vinci Construction + EQUANS + ARTELIA + MANING + ING'Europ

MANING's role in the team consists in the design of :

- Building (shell, structures)
- Infrastructures (drainage, roads, masterplan)
- Fire protection (evacuation, firewalls)
- Office fittings (HVAC, LV / IT)

Construction of a 16 Gwh/year Li-ion battery manufacturing plant for a french start-up (international project team, project language: English)

The 140,000 m² building is located in the Zone Grande Industrie developed by the Grand Port Maritime de Dunkerque (80 ha), and the project is part of a 48 GWh/year development plan.

Project subject to environmental authorization (SEVESO high threshold), creation of clean rooms (ISO 7) and dry rooms (-40°C DP), utilities production, 75% electrical power supply (135 MW) and 25% on fatal heat steam network (50 MW).

Architect : Avant Propos



PROLOGIUM

SOLID STATE CELLS GIGAFACTORY

Owner: Prologium (TWN)

Year: 2023-2026

Works value: confidential (400 – 600 M€)

Mission : Concept Design

Design & Build team with :

Exyte + Vinci Construction + Egis + MANING

MANING's role in the team consists in the design of :

- Building (shell, structures)
- Infrastructures (drainage, roads, masterplan)
- Fire protection (evacuation, firewalls)

Construction of a 8 Gwh/year Li-ion battery manufacturing plant for a french start-up (international project team, project language: English)

The 145,000 m² building is located in the Zone Grande Industrie developed by the Grand Port Maritime de Dunkerque (80 ha), and the project is part of a 48 GWh/year development plan.

Project subject to environmental authorization (SEVESO high threshold), creation of clean rooms (ISO 7) and dry rooms (-40°C DP).

Architect : L&G