

2027 iNTER MAT.

PARIS
21-24 APRIL 2027

Sustainable
construction solutions
& technology exhibition

#New technologies & energies

The New technologies & energies hub at INTERMAT 2027:

New technologies for building & public works

- Drones
- Exoskeleton for lifting heavy loads
- Tunnel equipment management
- Construction waste recycling management
- Machine guidance 3D printing
- IT management for construction and handling equipment dealers
- Mechanical and electrical design software
- Security software
- Optimisation of construction equipment use
- Equipment exchange platform
- Digital construction site monitoring
- Real-time positioning tracking
- Infrastructure monitoring
- On-board weighing system for construction equipment and machinery

BIM

- BIM Management
- BIM engineering services
- Sensors
- Digital design and robotic manufacturing
- PPE consulting and management
- ERP Construction site management
- Computerised construction site management
- 3D modelling software
- 3D digital model
- Augmented reality module
- Virtual reality module
- Predictive maintenance tools
- Digital tools on site
- Radio telephony for construction sites
- Plan production
- Construction project simulation
- Building data management system
- Plotters

Topography, engineering, automation

- Topography
- Engineering
- Automation
- Measurement and control of construction materials

New & renewable energies

- Biofuel
- Compressed natural gas (CNG)
- Hydraulics
- Hydrogen
- Solar panels for construction sites
- Storage/Distribution/ Refuelling of energy
- Other new & renewable energies

Organized by

COMEXPOSIUM

EVOLIS
LES ACTEURS DE L'INDUSTRIE
EN MOUVEMENT

SEIMAT

Challenges facing the construction and public works sector in France

Today, France is pursuing a National Low Carbon Strategy (SNBC) that aims to achieve carbon neutrality by 2050 in order to combat climate change.

20 bn €
provided for in
the Grand Investment Plan

which **7 bn €**
for the development of
renewable energies

Source: Europe TP

The construction and public works sector is one of the most polluting sectors, particularly the building sector.

45%
of national energy
consumption

20%
contribution to greenhouse gas
(GHG) emissions in France

3,5%
CO² emissions in France from
infrastructure construction

Source: Écologie.gouv and European Commission

Levers to accelerate decarbonisation

- Use carbon-free energy sources.
- Improve the energy efficiency of buildings.
- Make better use of construction waste.
- Carry out energy renovation work.
- Maintaining the national road network to reduce emissions and move towards more sustainable transport

#News Technologies

Building Information Modelling (BIM)

Source: Mordor Intelligence

Data collection at the heart of the transformation process:

8.1 bn € in 2024

15,5 bn €
by 2029

13.9% compound annual growth rate
from 2024 to 2029



3D printer in construction

Source: SmarTech Publishing

New manufacturing methods:

+60% growth between 2024 and 2032

1,5 bn €
in 2024

IoT in construction

Source: Mokosmart

Increasingly connected systems and devices:

42.8 bn € by 2032

13,6 bn €
in 2024