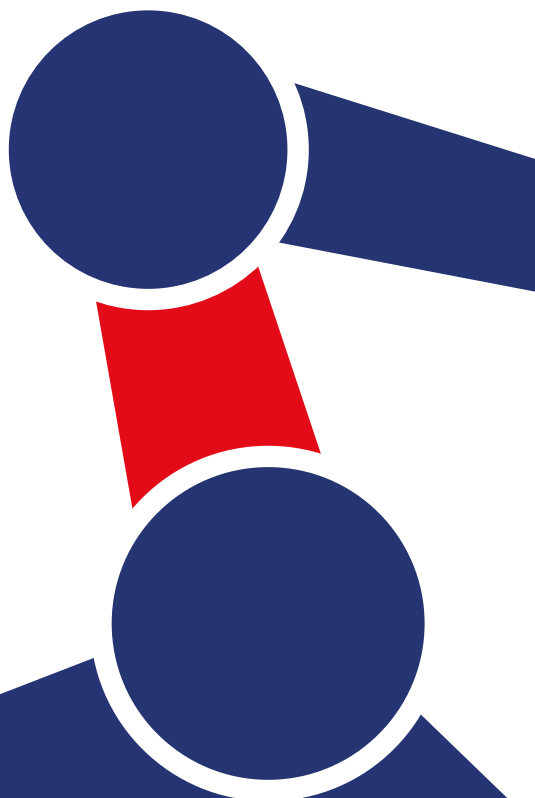


INDUSTRY OF THE FUTURE



1

ECONOMIC HEAVYWEIGHT

French industry is made up of 260,000 companies which directly employ 3.2 million people and generate 4.5 million indirect jobs. In 2019, French industry accounted for €291 billion in value added (+ 2% in one year), or 12% of GDP, generating €445 billion in exports, equivalent to two-thirds of all French exports. (INSEE; France Industrie; UN Comtrade)

2

R&D IN FRENCH INDUSTRY

The manufacturing industry in France spent €24 billion on R&D in 2018, or 70% of total domestic R&D expenditure (GERDE). It employs 176,300 researchers and support staff. The main areas of investment are the automotive (€4.5 billion), aerospace (€3.5 billion), and pharmaceutical industries (€2.9 billion). (MESRI)

3

MOVING TOWARDS THE INDUSTRY OF THE FUTURE

The Industry of the Future program aims to accelerate the modernization and digital transformation of French industrial companies. It is based on five pillars: the development of the technological offer, support for the digital transformation of companies, key players' skill improvement, international co-operation, and the promotion of Industry 4.0 (digital industry). Half of the companies want to devote at least 5% of their investments to Industry 4.0 over the next three years. (AIF; French government figures)

4

INDUSTRY 4.0

France has more than 270 startups in the field of artificial intelligence and 729 companies that offer disruptive technology solutions (IoT, Big Data, AI, etc.). The Montpellier-based company Incitius is the only one in the world to offer packaging solutions for industrial site operating data. (New Factory)

5

AN AGILE AND RESPONSIVE INDUSTRY

French industry has proven its agility in the fight against Covid-19, with Air Liquide, PSA, Schneider Electric and Valeo all teaming up to produce 10,000 resuscitation ventilators in just 50 days. This complex medical device requires more than 300 components supplied by more than 100 suppliers, mostly French and European SMEs. Vlad, a company specializing in batteries, especially for the medical sector, tripled its production to power these ventilators. Two months prior to the pandemic, the company invested in three machines for use in assembly, gluing and welding. (L'Usine nouvelle and La Tribune)

6

SIGNIFICANT PUBLIC SUPPORT

Seventy-eight turnkey industrial sites have helped to simplify the establishment of businesses across France's regions, with 300 new SMIs benefiting from support through grants of up to €10,000. What's more, 50 structuring projects across France's regions will receive full funding for their engineering needs, while financial assistance of up to €4,000 has been awarded to SMEs and mid-size companies to encourage them to recruit young talent. (Banque des Territoires; Cohesion-Regions)

7

AN ATTRACTIVE AND COMPETITIVE INDUSTRY

France has been the leading European destination for foreign investment in industry for more than a decade. The cost of labor in manufacturing in France is competitive: the hourly rate is €38.60, compared with €41.80 in Germany and €43.90 in Belgium (France Industrie). Eight in ten executives abroad consider French industry to be attractive. (Kantar Public/Business France)

8

GLOBAL INDUSTRIE

Global Industrie is a trade fair which brings together all the skills, expertise, and innovations of the main industrial sectors every year in France. The 2019 edition saw 45,861 people visit the 110,000 sq. m. of exhibition space, with nearly 2,500 exhibitors covering 20 representative sectors of the industry, and 90 countries represented. The 2021 edition took place from September 6-9, 2021.

9

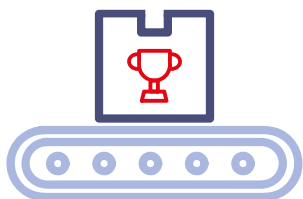
FRANCE: A LAND OF INNOVATION

Wavely is a French startup that produces sensors to detect anomalies in rotating machines by analyzing vibrations and acoustics, while Mecanolav is at the origin of a technology for cleaning mechanical parts by nucleation, yielding results hitherto unseen. Moreover, DI-Analyze offers a predictive maintenance solution for mechanical equipment based on artificial intelligence. (GI connect)

10

'LA FRENCH FAB' AND FRENCH INDUSTRY

Founded in 2017 and collectively supported by the Alliance Industrie du Futur, Bpifrance, Business France, France Industrie, the DGE and the Regions of France, the French Fab's key players - which are committed to protecting the environment and are focused on the common good - are working to revive the industrial sector, revitalize regions, make industrial professions more attractive, and promote French industrial excellence, in France and throughout the world. (La French Fab)



#1

**HOST COUNTRY IN
EUROPE FOR INDUSTRIAL
INVESTMENTS**

(EY)



**HOURLY COST OF
LABOR IN FRENCH
INDUSTRY:**

**€38.60 (€41.80
IN GERMANY AND
€43.90
IN BELGIUM)**

(FRANCE INDUSTRIE)



**IN 2019, FRENCH
INDUSTRY
ACCOUNTED FOR €445
BILLION
OF EXPORTS,
OR 2/3 OF FRENCH
EXPORTS**

(UN COMTRADE)



**ACCESS TO A MARKET
OF 67 MILLION
CONSUMERS AND
PLATFORM FOR THE
MIDDLE EAST/AFRICA
ZONE**

(INSEE)

BUSINESS FRANCE

77, boulevard Saint-Jacques

75680 Paris Cedex 14

Tel. : +33 1 40 73 30 00

