



75

JOB-CREATING FOREIGN INVESTMENT PROJECTS IN THE HEALTHCARE SECTOR IN 2018

(BUSINESS FRANCE)



85,000

EMPLOYEES, including 50% in foreign subsidiaries

(SNITEM)



#2

EUROPEAN MARKET for medical devices

(MEDTECH EUROPE)



#1

OECD COUNTRY FOR ACCESS TO HEALTHCARE

(OECD)



MEDICAL DEVICES

KEY INFO IN
10
POINTS

HEALTHCARE

MAY 2019

BUSINESS FRANCE

77, boulevard Saint-Jacques
75680 Paris Cedex 14
Tel.: +33 1 40 73 30 00



1 FRANCE: SECOND IN EUROPE

France is second in Europe for medical devices revenues after Germany (MedTech Europe, 2019), with the sector covering products and equipment in a wide range of fields, from syringes and in vitro diagnostics to MRI scanners.

2 1,343 MEDICAL DEVICE MANUFACTURERS

There are more than 1,340 companies in the French medical device sector, 92% of which are SMEs, generating revenues of €28 billion, with €8 million from exports. This industry employs nearly 85,000 people in France, with 50% working for subsidiaries of foreign companies. (National Medical Technology Industry Association (SNITEM), 2018)

3 FRENCH INNOVATION

More than half of the companies conduct R&D, while 13% are only active in R&D. Nearly one-third of companies in the sector participate in collaborative projects. France is ranked fifth worldwide for the filing of European and international patents in the medical device sector. (SNITEM, 2018)

4 FIRST-CLASS MEDICINE

France has an excellent reputation in medicine, with pioneering feats including the first carotid artery stent in 1990; the first use of an autonomous artificial pancreas in 2011, and the insertion of the first Carmat artificial heart in 2013. In 2016, Angers University Hospital achieved another world first, extracting a brain tumor from a conscious patient wearing 3D virtual reality glasses.

5 EXPORTING FRENCH EXPERTISE

In 2018, France's medical device exports almost reached €7.5 billion, up 2.2%, with Europe the main destination for more than half of exports. France's main customers are the United States (12% of exports), Germany (12%) and the Netherlands (11%) (French Customs Authorities). France accounts for 3.4% of global exports of medical devices. (Global Trade Atlas / IHS Markit)

6 A BUOYANT RESEARCH ENVIRONMENT

France boasts several innovation clusters involved in medical technology, including a European ceramics cluster in Limoges (Nouvelle Aquitaine); Minalogic in Grenoble (Auvergne-Rhône-Alpes), specializing in digital technologies; and Optitec, dedicated to photonics/imaging, in Marseille (Provence-Alpes-Côte d'Azur). Support structures in this sector include business clusters (Pôle des technologies médicales, Eurasanté), other clusters (I-Care), technology centers (Pôle technologique de Haute-Champagne) and associations (SNITEM).

7 "MADE IN FRANCE" TECHNOLOGY

Wandercraft has developed Atalante, an exoskeleton able to provide autonomy and mobility to people in wheelchairs, while Diabeloop has designed an artificial pancreas, an automated type 1 diabetes management system consisting of an AI-managed glucose sensor and insulin pump.

8 INTERNATIONAL KEY PLAYERS IN FRANCE

Business France identified nearly 130 foreign investment projects in the medical device sector in France between 2014 and 2018, creating more than 2,500 jobs. In 2016, Canadian company Panaxium, which develops bioelectronic devices to treat degenerative diseases such as Alzheimer's, set up its first R&D center in Europe in Aix-en-Provence (Provence-Alpes-Côte d'Azur).

9 INNOVATIVE STARTUPS

Poietis develops and manufactures human tissue through 3D bio-printing; Pixum Vision has developed a bionic vision system to restore blind people's sight; and Therapixel has developed software that can aid with the detection of breast cancer.

10 E-HEALTH OR DIGITAL HEALTH

In 2017, the e-health market was worth more than €2.8 billion in France, with a third of revenues generated by startups. E-health covers the fields of information systems, telehealth and telemedicine. Nouvelle Aquitaine has made e-health a priority to improve access to healthcare, where it accounts for 45% of national revenues. (SNITEM, 2018)