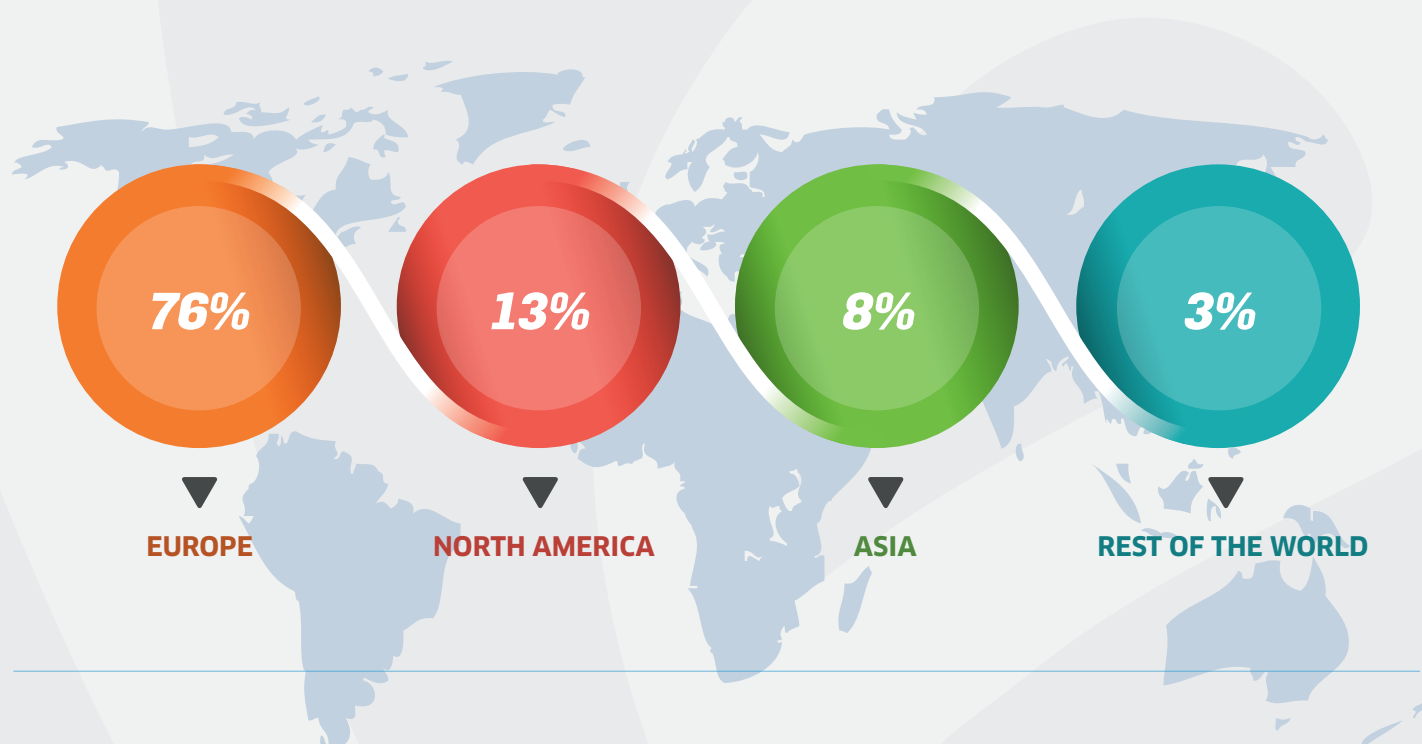


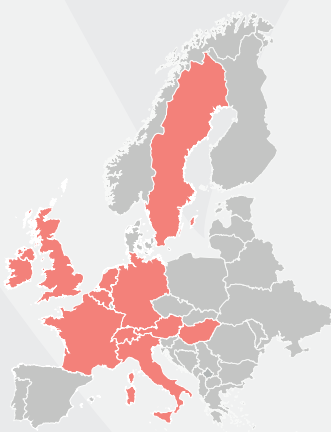
THE EU VACCINE INDUSTRY IN FIGURES

EUROPE - THE HOME OF VACCINE PRODUCTION AND INNOVATION

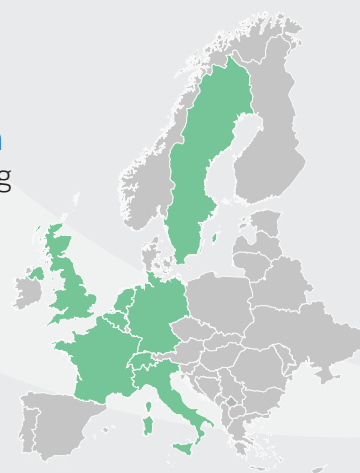
Every year **1.7 billion vaccines¹** are produced in **Europe²**. These vaccines are used to immunise populations worldwide and protect them against infectious diseases. Vaccines Europe members are global players – **¾ of their vaccine production** happens in Europe.



From north to south, vaccines are produced in **11 European countries** across **27 Vaccine Production sites³**.



12 research sites based in 8 European countries are leading the discovery of next generation vaccines capable of addressing unmet medical needs and support to face emergency situations.



Vaccines Europe members' data for the year 2019.

¹ One vaccine corresponds to either a monovalent vaccine or a combined one to protect against one or several diseases.

² Data provided by Vaccines Europe members <https://www.vaccineseurope.eu/about-vaccines-europe/vaccines-europe-members/>

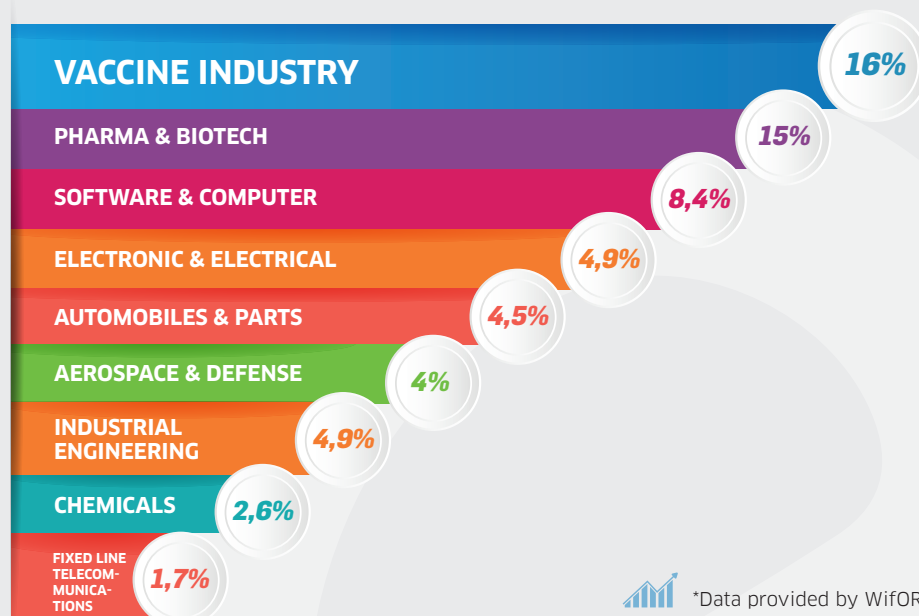
³ Production sites include manufacturing and packaging sites

EUROPEAN VACCINE INDUSTRY – LEADER IN R&D

Guided by the constant pursuit of innovation and illustrated by the numerous research sites across Europe, **the vaccine industry is an EU leader in R&D Intensity**.

The **European Commission industry scorecard** shows that the vaccine industry delivers more investment value than any other innovative industry⁴.

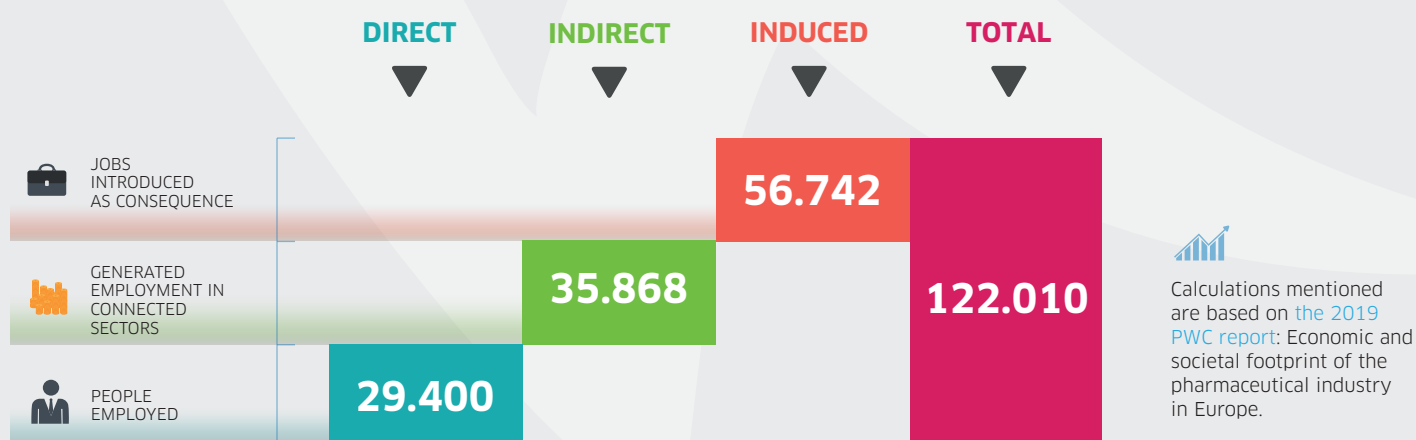
With such a large R&D intensity, it is **essential to keep increasing investments in the R&D Vaccine sector**. This will secure Europe as a worldwide leader in vaccine production and research.



IMPACT ON JOB CREATION

The Vaccine Industry is a significant contributor to the EU economy, creating **122,000 jobs** (directly and indirectly) in 2016 alone.

EMPLOYMENT IMPACT OF VACCINE INDUSTRY IN THE EU



⁴ R&D intensity is the ratio between R&D investment and net sales of a given company or group of companies. At the aggregate level, R&D intensity is calculated only by those companies for which data exist in both R&D and net sales within a given year. [Source: The 2018 EU Industrial R&D Investment Scoreboard](#), Page 95