



Powering the future! In Austria, Europe and beyond

27 October 2026



**World's first
300 mm gallium nitride
high-volume production for
power semiconductors
established in Villach/Europe**



Investment for the future



Investment
period
until
2034

Investment
1.1
billion €

Production
start
end of
2027

Decarbonization and digitalization

Energy efficiency as a paradigm shift

Global hunger for energy requires innovation.



AI



Energy
infrastructure



Electro
mobility



Robotics



Consumer
electronics

Why gallium nitride (GaN)?

We are meeting growing market demand ...

The Power GaN market is projected to reach \$3.5 billion by 2031: a sixfold increase compared to 2025¹

... with a technology that **takes efficiency to a new level.**



**Energy
efficiency**

Lower energy loss
in applications



**Cost
efficiency**

Reduction of **system**
and energy costs



**Production
efficiency**

**2.3 times more
chips** compared to a
200-mm wafer

¹ Yole Group: Power GaN 2026 report. <https://www.yolegroup.com/product/report/power-gan-2026/>

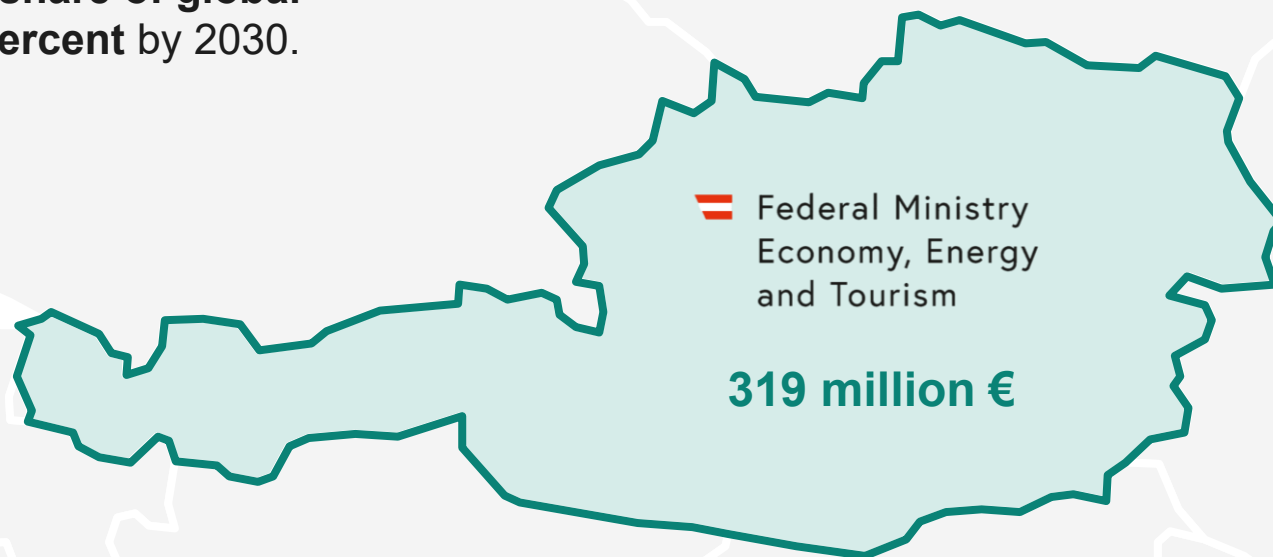
A close-up, artistic photograph of the Austrian flag (red, white, and red horizontal stripes) and the European Union flag (blue field with twelve gold stars in a circle). The flags are draped and flowing, creating a sense of movement and texture.

Microelectronics as a key technology

Growth, prosperity and value creation
in **Austria** and **Europe**

European Chips Act

43 billion € to strengthen **Europe's technological sovereignty** and the **resilience of global supply chains**, with the aim of increasing **Europe's share of global semiconductor production to 20 percent** by 2030.



Strengthening the semiconductor ecosystem
through the support of Infineon's planned investment



Austria's Industrial Strategy 2035

Focus on future technologies: Chips, electronic components and systems



Austria's leading research company



Major employer:

5,800 employees in Austria,
including **2,500 in Research & Development**
including **2,600 in Production**
2,300 jobs created over the last 10 years



From lab to fab

Rapidly bringing **innovations into volume production**
through **close integration of R&D and manufacturing**
in Villach



Potential contribution to the climate transition¹:

Savings from Infineon products in 4 application areas:

143 million tons of CO₂ equivalents (Infineon worldwide)

14 million tons of CO₂ equivalents (Infineon Austria)*

*equivalent to ~21% of Austria's CO₂ emissions in 2023



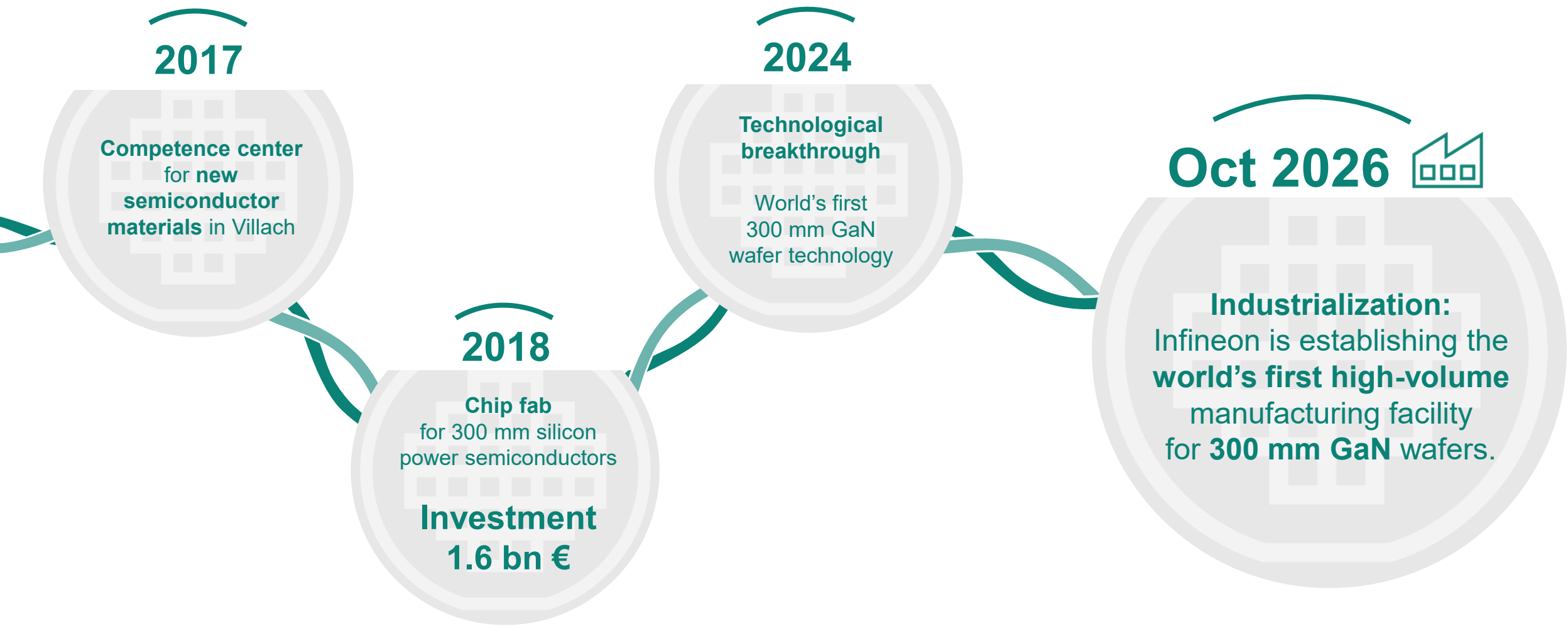
Investments in Infineon Austria's site and R&D:

€ 3.4 billion invested over the last 10 years in Austria

€ 721 million in R&D in FY 2025

¹ based on our own calculations and confirmed by an external audit; [see details on page 29](#)

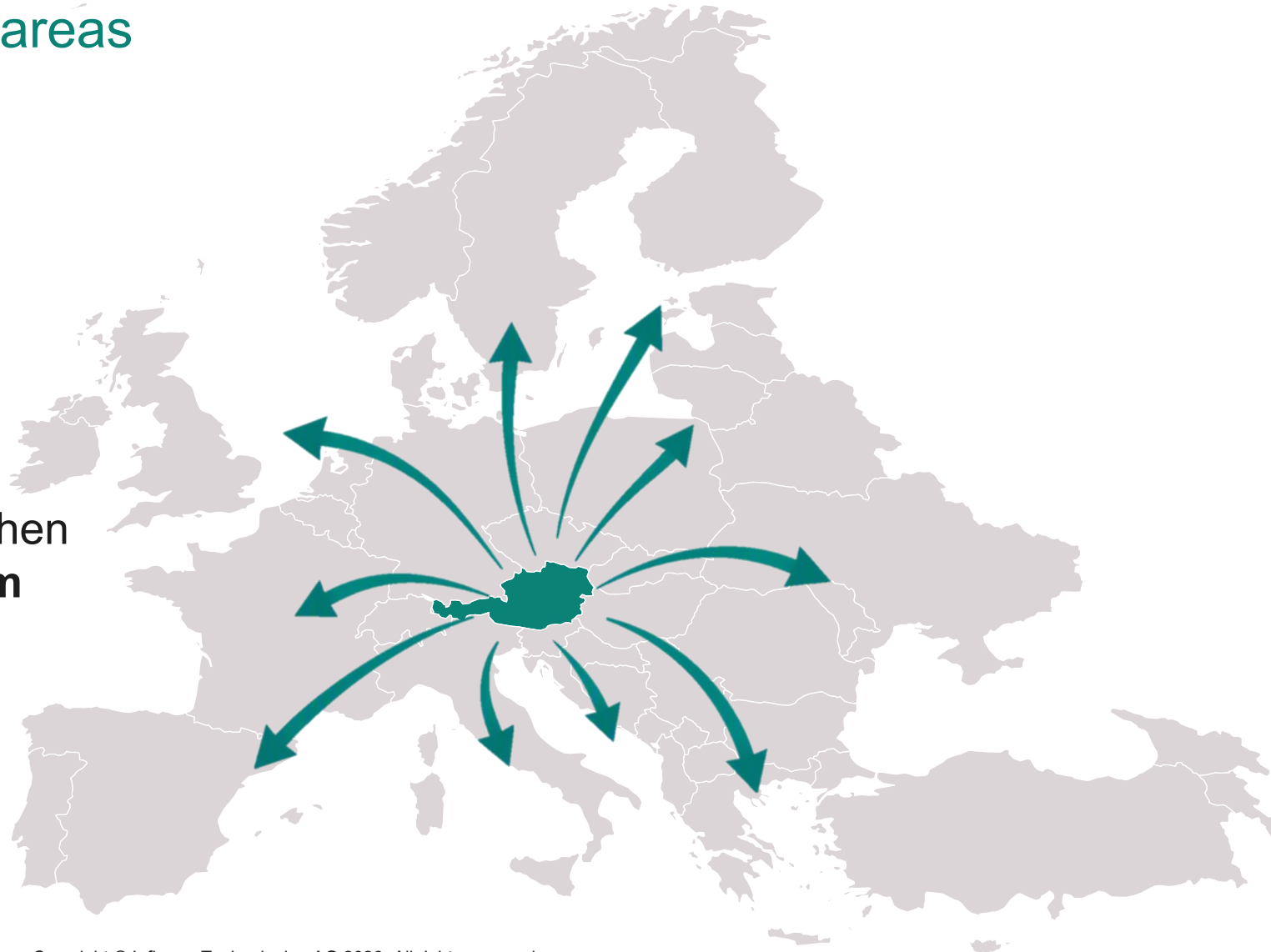
Infineon Villach: Global Competence Center for power semiconductors (“energy-saving chips”)



Boosting innovation across all areas

Strong ecosystem for the talent and ideas of tomorrow

Investments foster talent and strengthen the European **innovation ecosystem** through **collaboration** with **universities, start-ups** and **SMEs**.



Key technology

Europe's strengths (market share)

Power electronics (~ 40%)

Sensors (~ 40%)

Microcontrollers (~ 54%)

Demand by 2040:

2 x European semiconductor demand

2.4 x semiconductor demand of European industry

zvei: <https://www.zvei.org/presse-medien/publikationen/zvei-studie-europes-semiconductor-business-case>

Value creation

1 job creates 6 new jobs
in the European semiconductor ecosystem

~ 65,000 jobs across the entire value chain
through investments in European semiconductor production

€ 33 bn in additional gross value added
per year



A background image showing a semiconductor manufacturing facility with rows of equipment and a worker in the distance.

1

Infineon invests:

1.1 billion euros in establishing the world's first high-volume manufacturing facility for first-of-a-kind 300 mm GaN power semiconductors in Villach

2

EU Chips Act – building on Europe's strengths:

Europe is particularly strong in power semiconductors and advanced manufacturing technologies.

3

Technological sovereignty

Strong European capabilities, resilient supply chains and strategic collaboration are key.

4

Strengthening Europe's and Austria's ecosystem and value creation

Securing and creating jobs across the entire value chain

Questions & answers



