



Ready for Mission Future

Infineon Technologies Austria AG
Fiscal year 2021



Infineon is a globally leading semiconductor player



~50,280

employees¹

leading player

in automotive, power management energy efficient technologies and the IoT

market position

Automotive

Power

Microcontroller

1

1

4

Strategy Analytics,
March 2022

Omdia,
September 2021

Omdia,
March 2022

[more information about the group](#)

¹ as of 30 September 2021

Infineon at a glance

Long-term high-growth trends

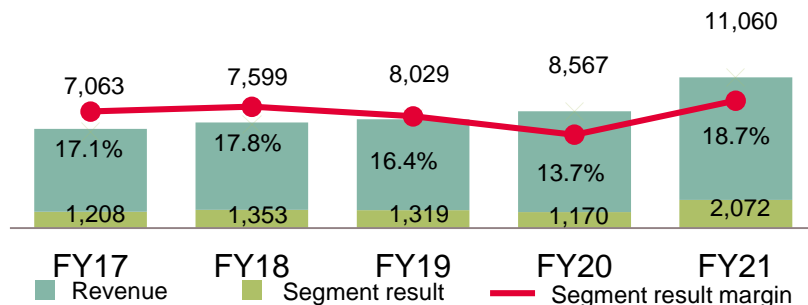
Decarbonization

- › CO₂ saving
- › Energy efficiency
- › Sustainability

Digitalization

- › Productivity
- › Comfort
- › New use cases

Financials



¹ as of 30 September 2021 ² 2021 Fiscal year (as of 30 September 2021)

Employees¹

50,280 employees worldwide

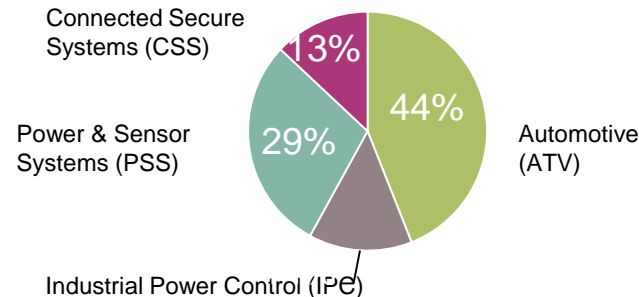
Americas
5,360

EMEA
20,360

Asia Pacific
24,560

56 R&D and
20 manufacturing locations¹

Business segments revenue²

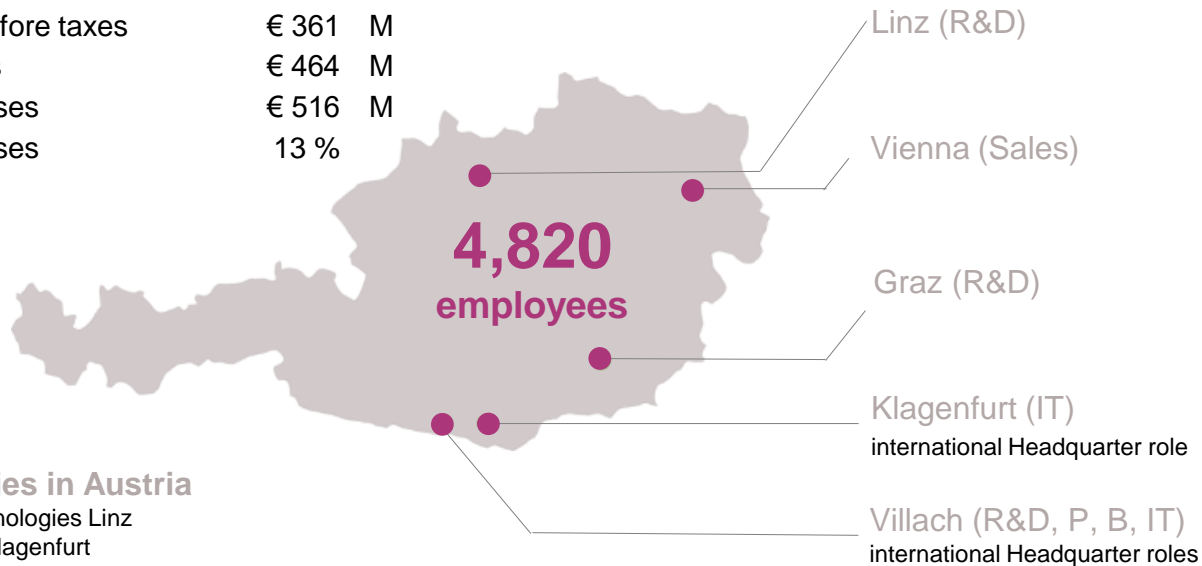


For further information [Infineon Annual Report 2021](#)

Infineon Austria – Company overview

Fiscal year 2021 (as of 30 Sep. 2021)

| | | |
|----------------------------------|---------|---|
| Turnover | € 3,898 | M |
| Earnings before taxes | € 361 | M |
| Investments | € 464 | M |
| R&D expenses | € 516 | M |
| R&D expenses in % of turnover | 13 % | |

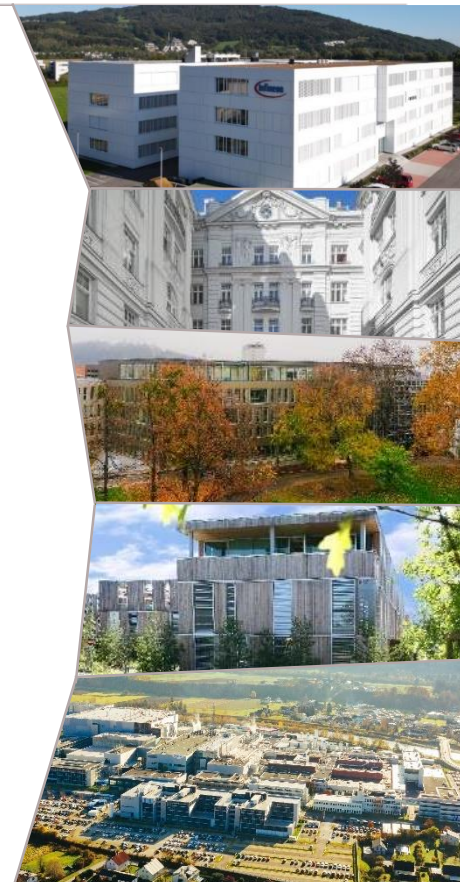


Subsidiaries in Austria

Infineon Technologies Linz
IT Services, Klagenfurt
KAI, Villach

Foreign subsidiaries

Infineon Technologies Romania SCS (R&D)
Infineon Technologies (Kulim) Sdn Bhd, Malaysia (P)



Comprehensive competences

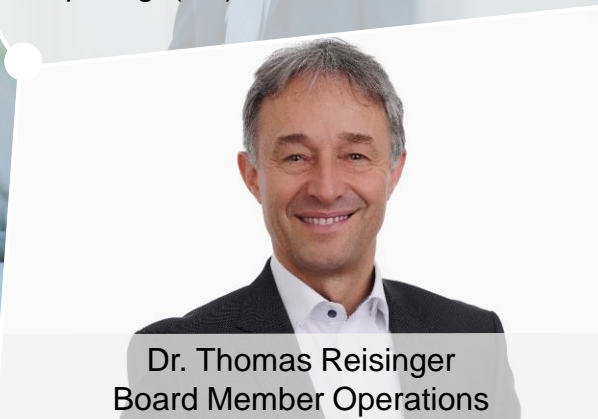
Management Board of Infineon Technologies Austria AG



Dipl.-Ing. Dr. Sabine Herlitschka, MBA
CEO & CTO



Dipl.-Ing. (FH) Oliver Heinrich, CFO



Dr. Thomas Reisinger
Board Member Operations

**Infineon Austria pools
the competencies for**



Research & Development



Production



**Global business
responsibility**

Innovative solutions from Infineon can be found...

Automotive

- › ... in 17 of the world's 25 best-selling full-electric cars and plug-in hybrids in 2021



Industrial Power Control

- › ... among the top 10* manufacturers of wind power and solar systems**.

* Infineon is serving the top-10 but not necessarily as a sole supplier.
 **by shipped capacity in MW: Wood Mackenzie, Power & Renewables, "Historic wind turbine OEM market share", March 2019 and by shipped capacity in MW: based on or includes content supplied by Informa Tech (former IHS Markit Technology), "PV Inverter Market Tracker – Q3 2019", October 2019



Power & Sensor Systems

- › ... in over 50% of all data centers worldwide



Connected Secure Systems

- › .. in 75 % of all national e-passport projects in Europe
- › ... in 60 % of all electronic insurance cards in Europe



Key economic figures*



| Infineon Technologies Austria Group incl. Austrian subsidiaries | FY 2020 | FY 2021 | Change y-o-y |
|---|---------------|---------------|--------------|
| Turnover in € M | 3,109 | 3,898 | + 25 % |
| Earnings before taxes in € M | 196 | 361 | + 84 % |
| employees | 4,517 | 4,820 | + 7 % |
| Investments in € M | 386 | 464 | + 20 % |
| R&D expenses in € M (in % of turnover) | 498 (16 %) | 516 (13 %) | + 4 % |

*as of 30 Sep. 2021

Total purchasing volume: 536 million euros
of which 217 million in **Austria** and 138 million in **Carinthia**

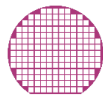
1.6 billion euros invested in European Manufacturing



New fully automated chip factory



Start of construction in H1 2019



**Start of production in August 2021
(three months ahead of schedule)**



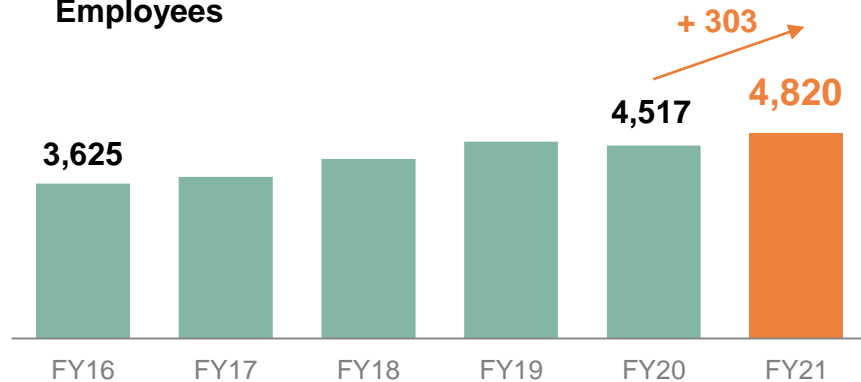
60,000 m² gross floor area



~400 highly qualified jobs

People are our success

Employees



Villach 3.925 | Graz 447 | Klagenfurt 202 | Linz 187 | Vienna 10

58 %
university
graduates

18,4 %
women

28 %
international
employees



Strategy 2025 – SMART Growth! Our way to the top

With its Strategy 2025, Infineon Austria is pursuing the goal of contributing optimally to the Group's results.



Infineon Austria also takes the United Nations Sustainable Development Goals into account in all target areas of the strategy.



Global business responsibility in Austria

12 product lines of 3 divisions



Industrial Power Control

Chips & Discretes

Intelligent Power Modules

Gate Driver



Automotive

High Voltage Gate Driver

Discretes & Chips



Power & Sensor Systems

Power Management ICs

Enterprise Power

Low Voltage Switches

Ultra-Low Voltage Switches

Power Management Controller & Driver

High Voltage Power Conversion

Medium Voltage Switches



Excellence in research & development



2,100

Employees in R&D
approx. 1/5 of all R&D employees
in the group



€ 516 M

R&D expenses
= 13 % of turnover



217

First patent applications
in FY 20/21

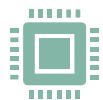


Austria's most research-focused
company*

*: according to a ranking carried out by the economic magazine trend,
published on 10 June 2021

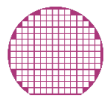
Innovation Fab Villach

- Competence center for extremely thin (up to 40µm) silicon wafers
- Series production of power semiconductors ("energy-saving chips") in 300-millimeter thin-wafer technology
- Manufacturing expertise for MEMS (microelectromechanical systems), e.g. tire pressure sensors
- Global competence center for silicon carbide (SiC) and gallium nitride (GaN) in the Group
- One virtual fab: Virtual mega-factory for 300-millimeter thin wafers together with Dresden



8.72 bn.

**Chips produced
(FY 20/21)**



~2,000

**Product types in process at
the same time**



~1,000

**Individual processing
steps per wafer**

Energy efficiency: CO₂ reduction through chips from Villach (FY 21)



CO₂ emissions

Approx. 0.12
million tons
CO₂-equivalents



ratio ~1:58

CO₂ savings

Approx. 7 million tons
CO₂ equivalents



Net environmental benefit from 8.72 billion chips produced: **CO₂ reduction of roughly 7 million tons**



The CO₂ savings correspond to...

...**50 %** of all annual passenger car emissions in Austria.

...**8.070 flights** of a full Airbus A380 from Vienna to Singapore.

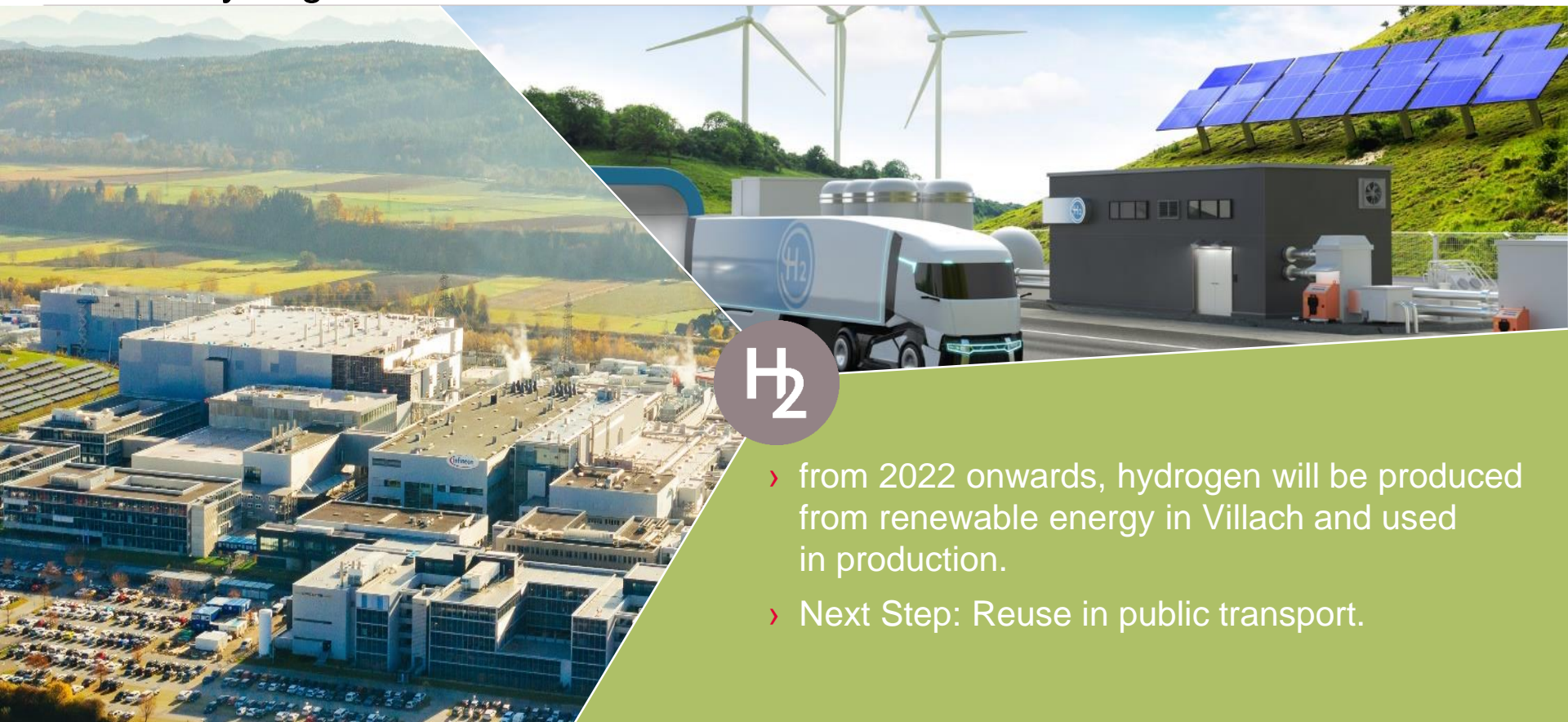
...of the annual electricity produced with **photovoltaics** on an **area almost the size of Graz (120 km²)**.



MEMBER OF
**Dow Jones
Sustainability Indices**
In Collaboration with RobecoSAM

Sustainable goal: Infineon to become CO₂ neutral by 2030
Infineon is one of the world's most sustainable companies for the 12th time in a row.

„Green“ hydrogen utilized twice

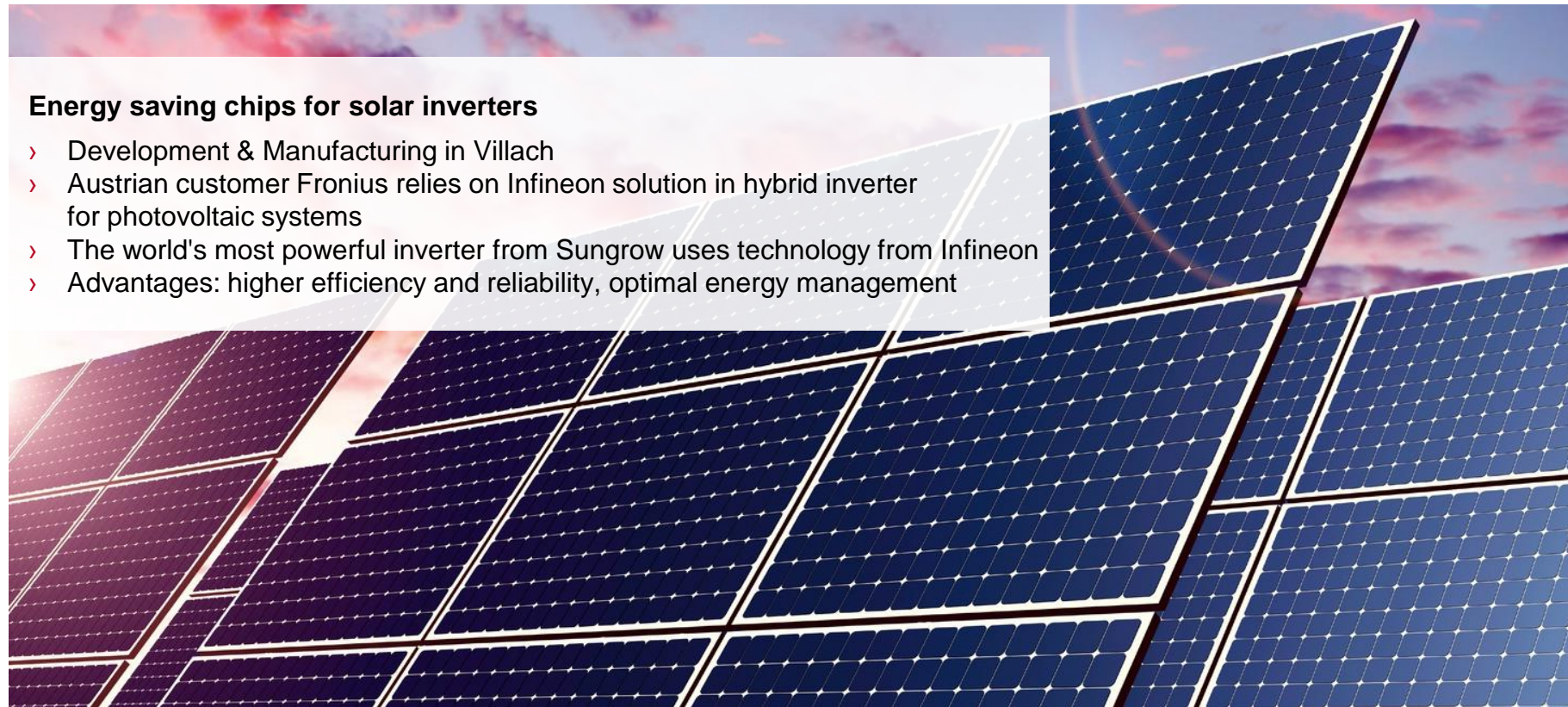


- › from 2022 onwards, hydrogen will be produced from renewable energy in Villach and used in production.
- › Next Step: Reuse in public transport.

Powered by Infineon Austria

Energy saving chips for solar inverters

- › Development & Manufacturing in Villach
- › Austrian customer Fronius relies on Infineon solution in hybrid inverter for photovoltaic systems
- › The world's most powerful inverter from Sungrow uses technology from Infineon
- › Advantages: higher efficiency and reliability, optimal energy management



Powered by Infineon Austria



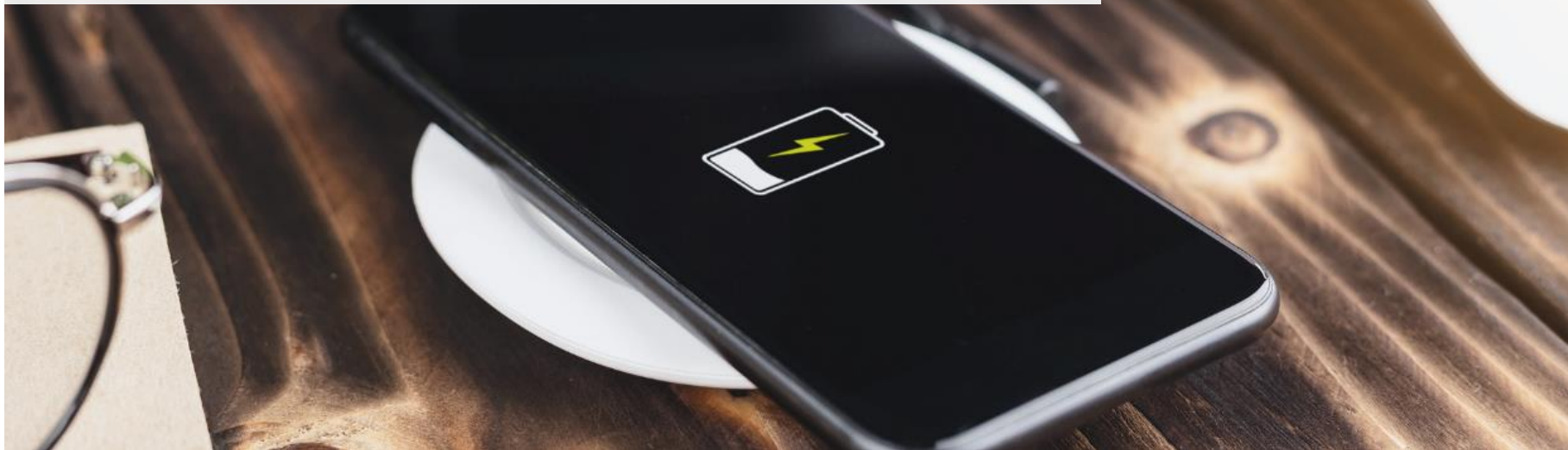
Radar technology

- › R&D competence from Linz
- › Key technology in partially and fully automated vehicles
- › Optical distance measurement, warning systems, automatic emergency braking
- › With over 250 million 77 GHz radar chips sold, Infineon is the technology and world market leader in this segment

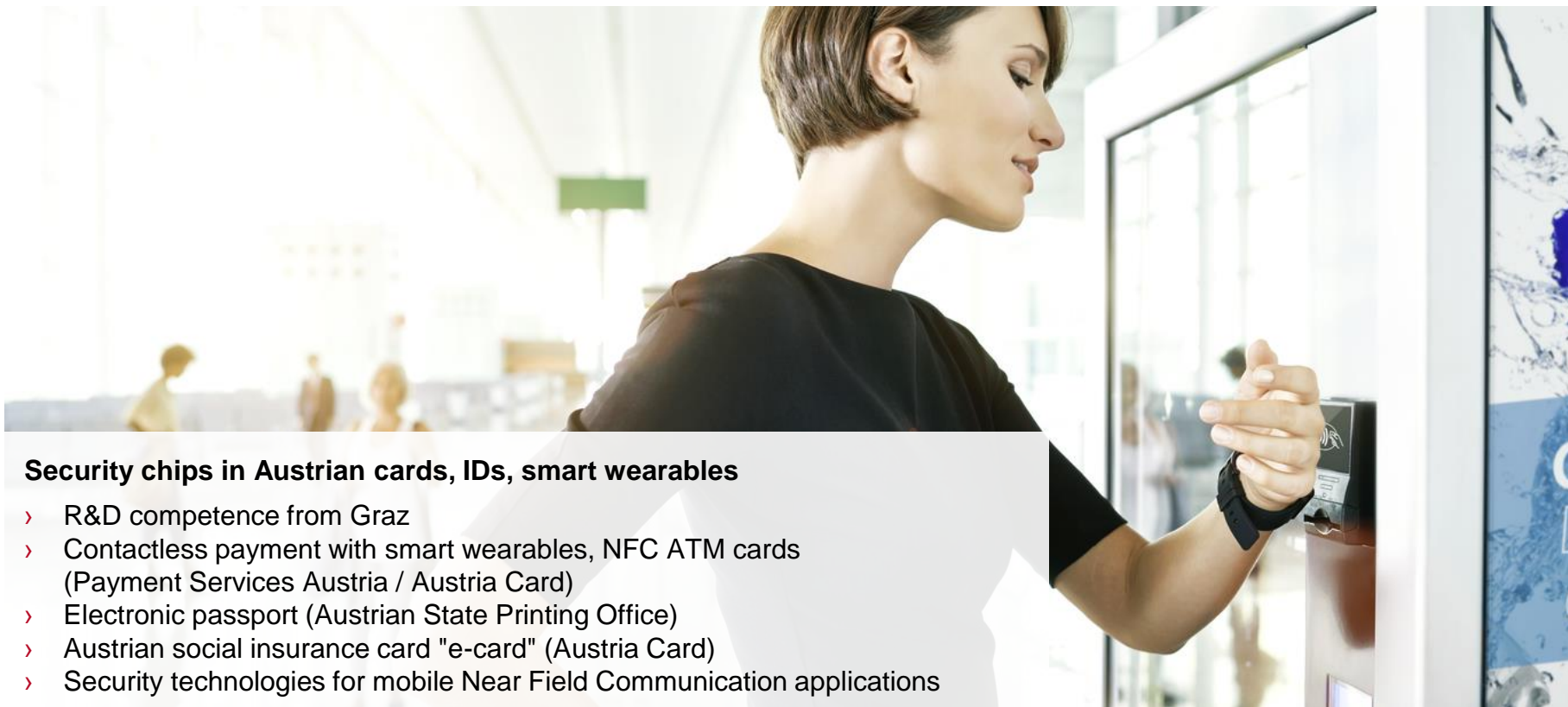
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Wireless charging

- › R&D and manufacturing in Villach
- › Product solutions for charging stations
- › More energy efficient, easier and faster
- › Smartphones, power tools, household appliances or medical devices



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Security chips in Austrian cards, IDs, smart wearables

- › R&D competence from Graz
- › Contactless payment with smart wearables, NFC ATM cards (Payment Services Austria / Austria Card)
- › Electronic passport (Austrian State Printing Office)
- › Austrian social insurance card "e-card" (Austria Card)
- › Security technologies for mobile Near Field Communication applications

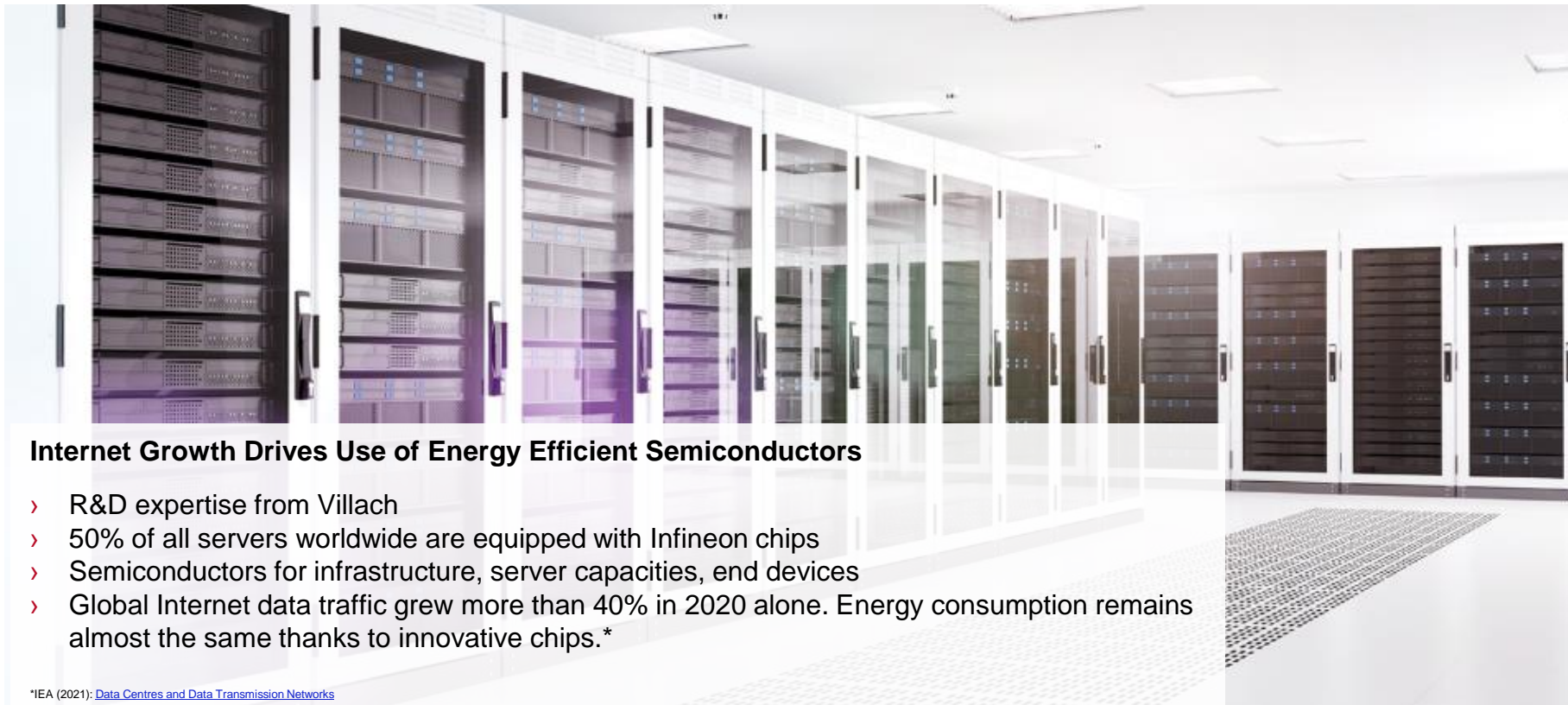
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Microcontrollers

- › R&D competence from Graz & Villach
- › Development of particularly fast, powerful and efficient microcontrollers
- › Used, for example, in cars, e-charging stations, household appliances, industrial robots or automation systems

Powered by Infineon Austria



Internet Growth Drives Use of Energy Efficient Semiconductors

- › R&D expertise from Villach
- › 50% of all servers worldwide are equipped with Infineon chips
- › Semiconductors for infrastructure, server capacities, end devices
- › Global Internet data traffic grew more than 40% in 2020 alone. Energy consumption remains almost the same thanks to innovative chips.*

*IEA (2021): [Data Centres and Data Transmission Networks](#)

Partnerships strengthen R&D excellence



153

Research collaborations in Austria, Europe and beyond (FY 2021)

- Strengthening Europe as a technology location with IPCEI ME I**

Infineon Austria is part of the "Important Project of Common European Interest (IPCEI) on Microelectronics (ME1)". The aim is to develop new generations of semiconductors and transfer them to high-volume production.

- Participation in Silicon Austria Labs**

Austria to become leading high-tech location for electronics-based systems

- Superfast quantum computers thanks to OptoQuant**

Development of ion-based quantum processors with integrated optical interfaces in cooperation with JOANNEUM Research and the University of Innsbruck

- 6 endowed professorships:**

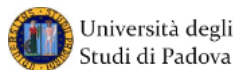
| | |
|----------------------------------|--|
| University of Innsbruck: | Power Electronics |
| Graz University of Technology: | Data Science |
| Graz University of Technology: | Automated Driving |
| Vienna University of Technology: | Human-Centered Cyber-Physical Production Systems |
| University of Klagenfurt & | |
| Graz University of Technology: | Industry 4.0 – Adaptive and connected Production Systems |
| University of Klagenfurt: | Sustainable Energy Management |



Selected collaborations



Educational and research networks



Clusters and European projects



Corporate Social Responsibility



Research Centers



Strengthen R&D competencies for the future

Children

- IDC (International Day Care Center) nursery & kindergarten at 2 locations
- Science MiniLABs

Pupils

- ISC (International School Carinthia)
- Girls Day
- „Smart Learning“ Classes & DIGI Lab
- Infineon Education Fund: Learning Café in cooperation with Caritas Carinthia & Styria

Students

- Apprenticeship and academic studies at FH Kärnten
- Infineon School in Villach
- PhD@Infineon Austria
- Infineon Hub @ Vienna University of Technology

Employees

- Carinthian International Center
- Gender Diversity
- Junior Talent Program & Austrian Talent Circle



70,000

children, teenagers
and students
reached since 2014



Selected awards (2011-2021)

| | | |
|---------------------------------|---|------------------|
| Innovation | Upper Austrian State Prize for Innovation, Infineon Linz | 2021 |
| | Innovation Award "Austria's Best" (OGVS & trend), winner in the category electrical engineering and physics | 2020 |
| | futurezone Award "5G Innovation of the Year" for European research project "UltimateGaN" | 2019 |
| | Best Joint Innovation Award, Huawei Core Supplier Convention | 2018 |
| | Austrian State Award for Innovation | 2013 |
| Quality & Delivery Reliability | „Best Customer Quality Award“ in the area Automotive, Delta | 2021 |
| | Toyota Honor Quality Award | 2020, 2019, 2018 |
| | Top Supplier Award 2019, Rohde & Schwarz | 2019 |
| Employer | „Best Customer Quality Award“ in the area Automotive, Delta | 2021 |
| | Top 10 Employers in Austria, Rank 8, Randstad Employer Brand Research | 2021 |
| | Staatlich ausgezeichnete Ausbildungsbetrieb | 2019 |
| Corporate Social Responsibility | Money4Change Impact Award, nr. 1 in the category Corporate, Mercer & Institutional Money | 2021 |
| | GreenTech Award for climate protection technologies „Future made in Austria“ (ÖGSV) | 2020 |
| | EMAS award | 2018, 2013 |



From extended workbench to global player in semiconductors

- 2021** Completion and start of production of the new 300-millimeter chip factory
- 2020** Completion of the new buildings in Graz, Linz & Villach
- 2018** Construction of a new, fully automated 300 millimeter chip factory in Villach
- 2017** Villach becomes global competence center for new semiconductor materials
- 2016** Global business responsibility expanded following integration of International Rectifier
- 2015** Building complex for R&D and production with Industry 4.0 pilot room in Villach
- 2013** Start of chip production on 12-inch (300-mm) thin wafers
- 2006** Foundation of Competence Center Automotive & Industrial Electronics (KAI)
- 2004** Foundation of IT Services in Klagenfurt
- 1999** Siemens semiconductor division becomes Infineon Technologies
Foundation of the DICE development center as a joint venture with the University of Linz
- 1998** Establishment of the development center in Graz
- 1997** Villach becomes competence center and leading location for power electronics
- 1979** Establishment of Development Center for Microelectronics Villach
Start of chip production on 4-inch (100-mm) wafers
- 1970** Siemens starts diode production in Villach

50 Years Infineon
in Austria



Infineon Austria – Explore our history!

EXPLORE

Infineon Austria

new Expo in the reception area
at the Villach site

now open for
everyone!



[how to get there](#)



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