



Importance of energy efficiency in semiconductor industry and Infineon strategy

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October 2022



Infineon is a globally leading semiconductor player



top 10
semiconductor company

~50,280
employees¹

leading player
in automotive, power management energy
efficient technologies and the IoT

9%+ | 19% | 13%
target operating model²

¹ as of 30 September 2021
² over the cycle: 9%+ revenue growth; 19% Segment Result Margin; investment-to-sales ratio of 13%; targets to be approached as Cypress integration progresses

Megatrends, growth areas and growth drivers open up opportunities for semiconductor companies

Megatrends



Demographic and social change



Climate change and scarce resources



Urbanization



Digital transformation

Electrification, Digitalization

Growth areas

Energy efficiency

Mobility

Security

IoT and big data

Growth drivers

- › Power generation from renewable energy sources
- › Energy transmission and distribution
- › Energy storage
- › Energy usage

- › Electromobility
- › Charging infrastructure for electromobility
- › Automated driving
- › Passenger and freight transport
- › Infotainment

- › Mobile devices
- › Authentication for the IoT
- › Smart cards
- › Industrial applications
- › Connected vehicles
- › Integrity of devices

- › Human-machine-interaction
- › Consumer IoT
- › Industrial IoT
- › Data and communication infrastructure
- › Edge computing

We contribute a net CO₂ reduction of more than 70 million tons



Net ecological benefit: CO₂ emissions reduction of more than 70 million tons



Infineon is excellent in resource efficiency
We are committed to CO₂ neutrality by 2030
Our CO₂-saving applications are high-growth, we are part of the solution!
The ~1:33 ratio is expected to further improve in the coming years



Source: [Infineon Sustainability Report 2021](#)
Note: Compared to the last fiscal year, the increase in CO₂ burden can be mainly explained by the inclusion of the data from Cypress

Infineon is excellent in resource efficiency and committed to CO₂ neutrality – sustainability is in our DNA



Infineon ranks among the 10 percent most sustainable companies in the world¹

In CY20, we used resources in our manufacturing processes much more efficiently than the global average of the semiconductor industry:

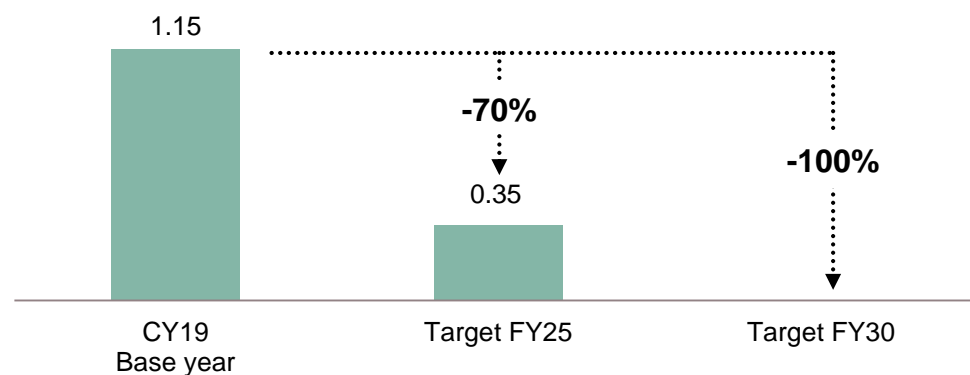
44%
less electricity consumed
per cm² manufactured wafer

17%
less water consumed
per cm² manufactured wafer

67%
less waste generated
per cm² manufactured wafer

Infineon's CO₂ target² by 2025 and 2030

Net CO₂ emissions in million tons of CO₂ equivalents²



- 1 Avoiding direct emissions and further reducing energy consumption
- 2 Purchasing green electricity with guarantees of origin
- 3 Compensate the smallest part by certificates that combine development support and CO₂ abatement

¹ Based on the results of *The Sustainability Yearbook 2022* by S&P Global in cooperation with RobecoSam | ² Related to Scope 1 and 2 emissions

Source: [Infineon Sustainability Report 2021](#)



Part of your life. Part of tomorrow.