

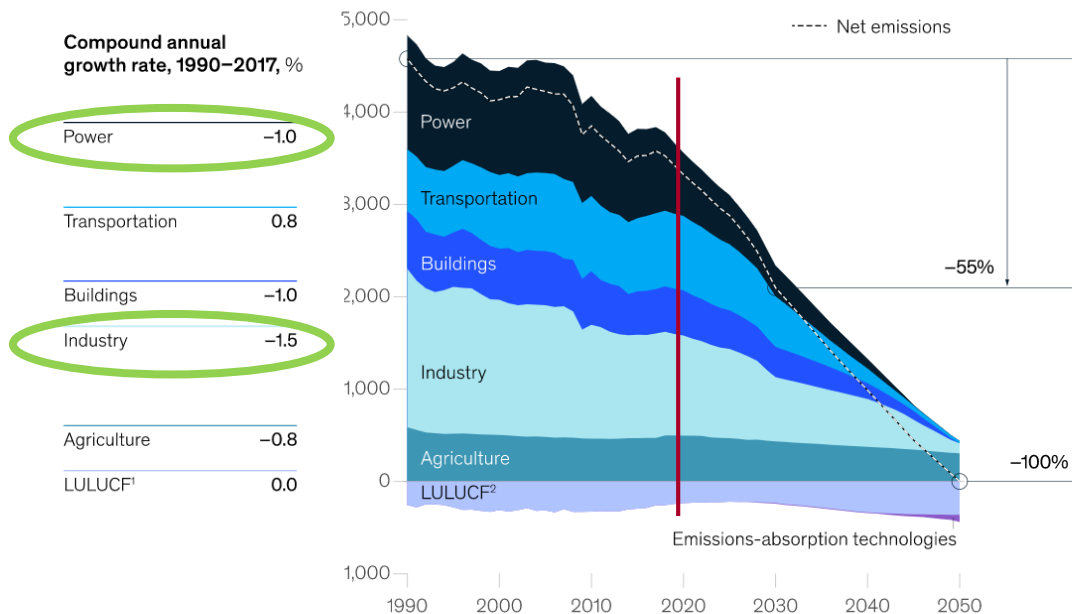
go green

6.5.2021 Dipl.Ing.Günther Wellenzohn



EU Emissionen nach Sektoren 1990 - 2050

Total emissions per sector in cost-optimal pathway for EU-27,¹ megatons of carbon dioxide equivalent



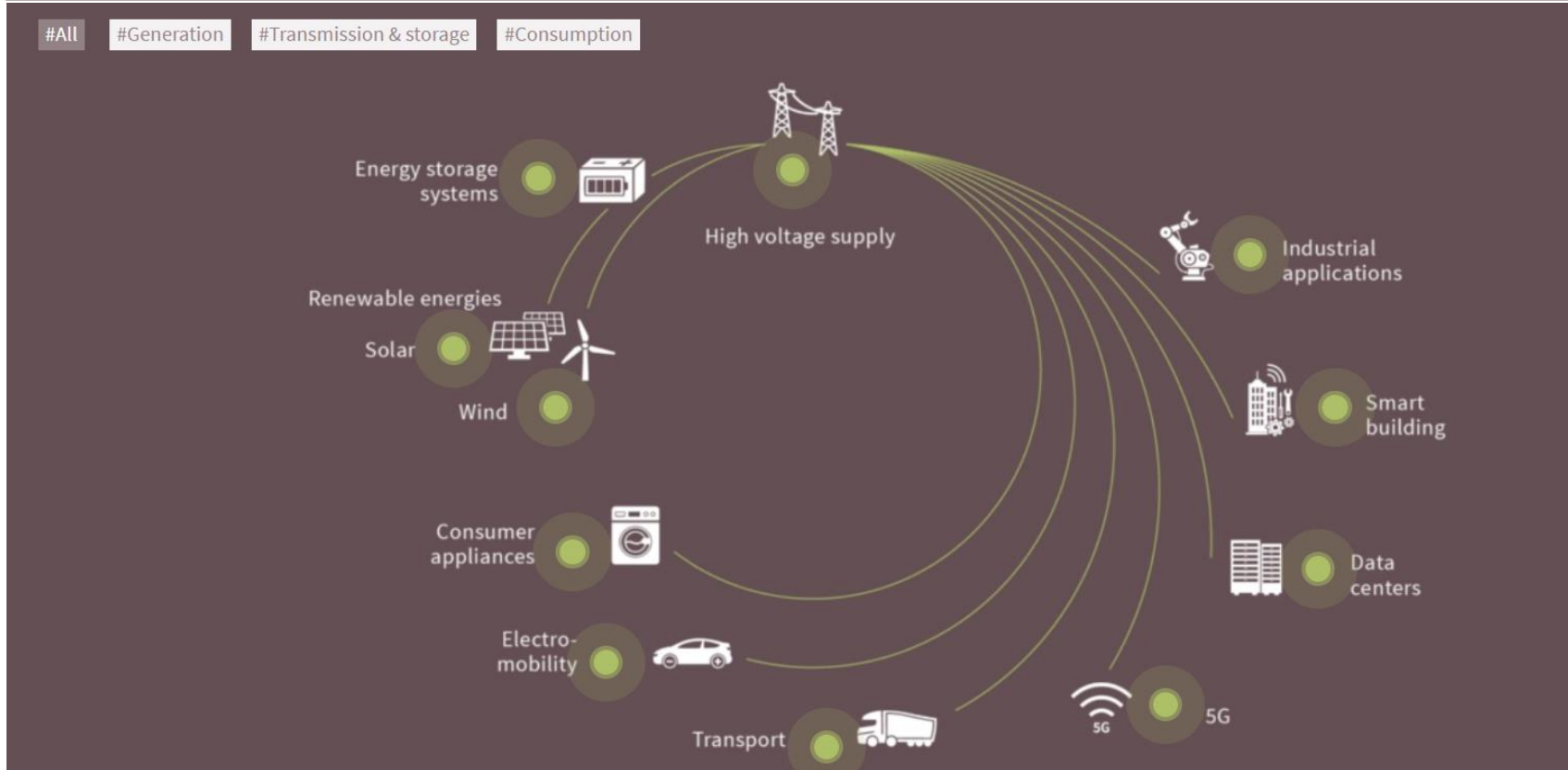
¹Excluding international aviation and shipping.

²Land use, land-use change, and forestry entails all forms in which atmospheric CO₂ can be captured or released as carbon in vegetation and soils in terrestrial ecosystems.

Source: UNFCCC; McKinsey analysis

<https://www.mckinsey.com/business-functions/sustainability/our-insights/how-the-european-union-could-achieve-net-zero-emissions-at-net-zero-cost#>

Explore the potential of energy efficiency



<https://www.infineon.com/cms/en/about-infineon/energy-efficiency-technologies/?redirId=136631>

Infineon – our ambitious targets



The graphic is divided into four quadrants. The top-left quadrant features a background of green leaves and contains the text 'MEMBER OF Dow Jones Sustainability Indices In Collaboration with RobecoSAM'. The top-right quadrant has a purple background and contains the text 'For the eleventh year in a row: Infineon is one of the world's most sustainable companies' with a 'Read more' button. The bottom-left quadrant shows a landscape of rolling green hills under a sunset sky. The bottom-right quadrant has a green background and contains the text 'Infineon will become carbon-neutral by 2030' and a quote from Dr. Reinhard Ploss.

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

For the eleventh year
in a row:

Infineon is one of the world's most sustainable
companies

[Read more](#) >

Infineon will become
carbon-neutral by
2030

"With our goal to become carbon-neutral, we are
making a pledge by which others outside the company
can measure us." - Dr. Reinhard Ploss

Das Leben grüner zu machen, ist Teil der Mission des Unternehmens.
Unser Ziel ist es, bis 2030 CO₂-neutral zu werden



Mit diesem Ziel leistet Infineon einen aktiven Beitrag zur globalen CO₂-Reduzierung und zur Erreichung der Ziele des Pariser Klimaabkommens. **Das Ziel bezieht sich auf Infineon eigenen Fußabdruck an Treibhausgasen** und umfasst alle **direkten Emissionen sowie die indirekten Emissionen** durch Strom und Wärme.

- › **Bereits bis 2025 sollen die Emissionen um 70 Prozent gegenüber 2019 gesenkt werden.**

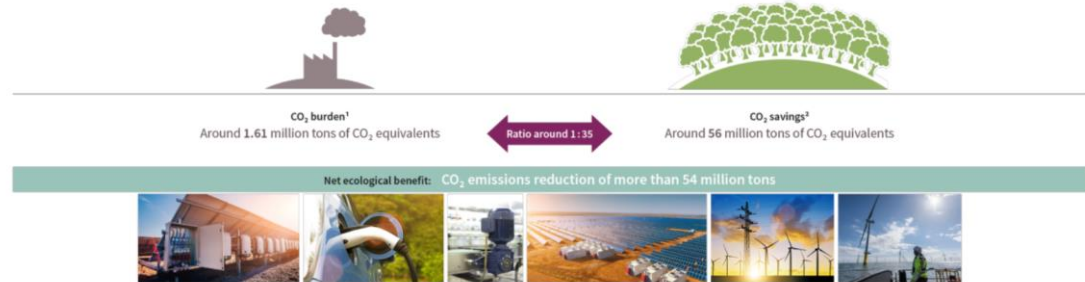
- › **Unser Ansatz**
 - Direkte Emissionen vermeiden und den Energieverbrauch weiter reduzieren
 - Einkauf von Ökostrom mit Herkunftsnachweis für unvermeidbare Emissionen
 - Den kleinsten Teil durch Zertifikate kompensieren, die Entwicklungshilfe und CO₂-Vermeidung kombinieren

Unsere Ansätze zu Ökologischer Nachhaltigkeit und Klimaschutz

> Nachhaltige Nutzung von Ressourcen:

- CO2-Neutralität bis 2030
- Wassermanagement
- Energie
- Treibhausgas-Emissionen
- Abfallmanagement

Infineon carbon footprint

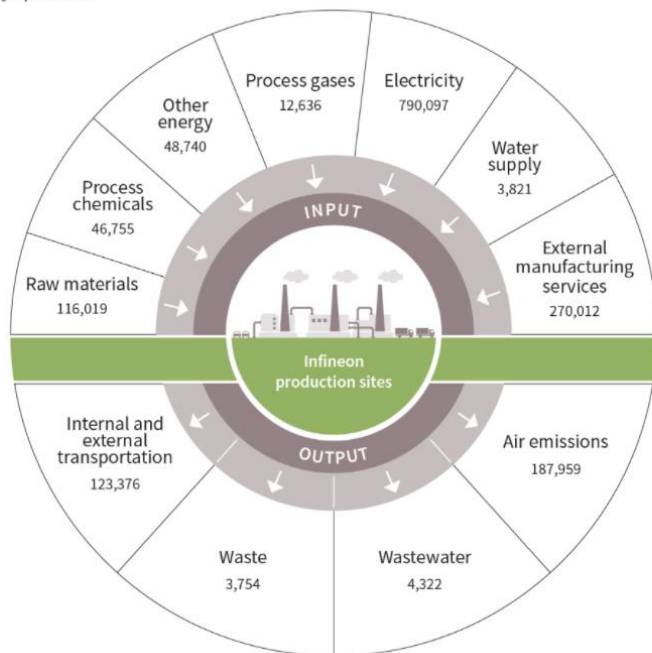


> Produktbezogene ökologische Nachhaltigkeit



Our sustainability targets 2020 & achievements

Allocation input and output of emissions by origin
in tons of CO₂ equivalents

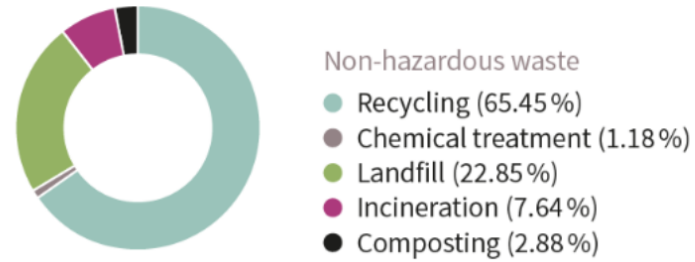


- › In the 2020 fiscal year, we completed measures which **saved 11.98 gigawatt hours of energy**. Over the past three fiscal years, total savings of **58.48 gigawatt hours** were achieved.
- › In the 2020 fiscal year, **399.01 tons of the solvent PGMEA was recovered by distillation** of waste containing PGMEA and was reused in manufacturing. This corresponds to a **133 percent** achievement of the target
- › The Infineon carbon footprint was updated. The ratio of **CO₂ savings through our products** in their use-phase to the emissions generated by manufacture was around **35 to 1**.

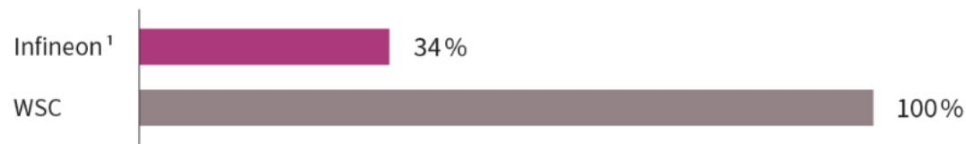
<https://www.infineon.com/dgdl/Targets+and+achievements.pdf?filed=5546d4616e8d476e016e92872d6e000b>

Infineon gesamt: Example waste generation & disposal

Waste disposal methods for hazardous and non-hazardous waste

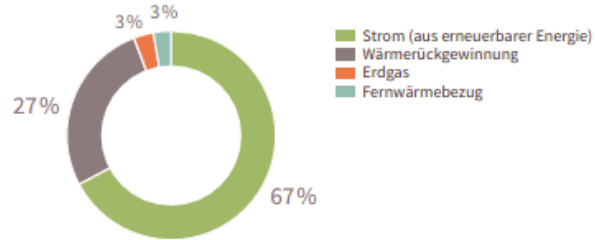


Standardized waste generation per square centimeter manufactured wafer

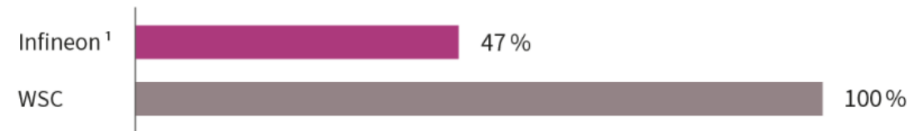


<https://www.infineon.com/cms/en/about-infineon/sustainability/performance-summary/>

Beispiel Verteilung Energieverbrauch Infineon Villach 2019



Standardized electricity consumption
per square centimeter manufactured wafer



Infineon internal call: join in & participate with your ideas

From Earth Day 22 April to World Environment Day 5 June 2021



- › 06.05.2021 (> 240 ideas submitted)
- › Ideas can vary from a simple **individual behavior** changing aspect all the way to **change in energy related infrastructure** or innovative **use of new technologies** such as IoT enabled by our own Infineon products.

Zusammenfassung Erfolgsfaktoren

- › Seit vielen Jahren dazu „committed“
- › Strategie & Zielsetzung
- › Transparenz, ganzheitlicher Ansatz
- › Projekt Carbon Neutral 2030
- › Wirtschaftliche Aspekte nicht nur (aber auch mit) berücksichtigen



GREEN ODER BLUE?





Part of your life. Part of tomorrow.