

#1 technology hotspot for Climate Protection & Circular Economy

Styria, Carinthia and Burgenland are a global hotspot with more than 20 global technology leaders. In this Green Tech Valley, around 300 cluster companies develop concentrated innovative power in solar systems, biomass plants, hydropower plants and recycling systems. The companies' products have a global impact: around every 7th kWh of green electricity has a green technology heart, i.e. is generated using technologies from the Valley.

Green Tech is the central theme of the three federal states of Styria, Carinthia and Burgenland. The cluster focuses on climate protection and circular economy solutions in seven fields of action. The cluster actively fulfills its roles as a networker, ecosystem developer, trend scout, innovation driver and growth booster. Based on current market opportunities, customer needs and technological developments, it initiates and develops innovation projects and makes the new products and services internationally visible.



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Innovation & Cooperation

More than 2,300 researchers are currently working on the development of green innovations on the path towards climate neutrality and a circular economy. Entrepreneurs and researchers in the three federal states are working together to develop technologies such as new battery storage systems, climate-neutral production, innovative recycling and new business models. The Green Tech Valley Cluster is a driver of innovation and cooperation, an ecosystem developer and growth booster with 40 industrial projects, 1,000 contacts made and 1,000 ideas implemented every year. New COMET centers, the Net-Zero-Industry-Valley in the Weiz+ real-world laboratory and, most recently, the first European Hydrogen Valley with a focus on industrial applications were (co-)initiated with significant participation from the cluster. Between 2025 and 2030, a total of 17 hydrogen projects with a total investment volume of 578 million euros will be implemented in the three federal states of Styria, Carinthia and Upper Austria.



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Visionary Utopias, Startups & Green Skills

The cluster also presents young, visionary green tech solutions in an international context, for example with Green-Tech-Startups-Austria, the Green-Startupmark or the cross-cluster and cross-university project Green Utopia. With Green Skills, the cluster, together with Green Tech Academy Austria (GRETA), has been providing a new overview of Austria-wide green skills programs from Austria-wide education providers (full-time or part-time) for those interested in higher qualifications or training from Matura level since 2024.

Companies are also supported in their green transformation with freely available tools such as the Green Transformation Map & the Green Transformation Cards (de&en) already used in 20 countries as well as an overview of funding.

<https://www.greentech.at/en/goodies/green-transformation-cards/>



International growth with Green Jobs

Around 300 companies work in Green Tech Valley and secure around 30,000 green jobs in environmental technology alone. In the economically challenging year 2023, they once again grew faster than the global environmental technology markets as a whole, growing by 9.4% to a total of 8.6 billion euros. Including economic effects from suppliers and B2B customers, this means three times as many employees and twice as much turnover. Green Tech Valley provides partner companies with access to 800 business and export contacts and 18 international energy and environmental technology clusters.

Global No. 1 Cluster

The Green Tech Valley cluster leads the international rankings of environmental technology clusters (US Cleantech Group 2010, Global Cleantech Directory 2012 - no more recent ones available) and was awarded the Regiostars Award of the European Commission and the Austrian Cluster Award of the BMDW 2020. The cluster holds the global record for excellent cluster work in the ESCA and VDI-VDE audit "Cluster Management Excellence Label" with two top scores of 100%.

Get in touch!

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