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SMART CITY TECHNOLOGIES MADE IN AUSTRIA

HNO

Smart City Expo World Congress 2023

LOGY

7th-9th of November 2023

WIZ

www.advantageaustria.org/es

ARDS

Fira de Barcelona - Gran Via Venue

ADVANTAGE AUSTRIA

Gran Via, Hall 2, Level 0, Street B- Stand 81





ADVANTAGE AUSTRIA is the official Austrian Foreign Trade Promotion Organisation as a department of the Austrian Federal Economic Chamber and the largest provider of services in the area of foreign trade.

ADVANTAGE AUSTRIA offices are the gateway to Austria for international companies looking for world-class suppliers. We act as a central contact partner playing a strategic role for companies wishing to move to Austria and, therefore, are looking for top-quality partners for their business dealings. Regardless of whether foreign businesses are looking for Austrian buyers, a suitable location for a company branch or import/export office or an overview of Austria's internationally respected products and services, all roads meet at ADVANTAGE AUSTRIA.

With a network of more than 100 offices in 70 countries ADVANTAGE AUSTRIA is uniquely positioned to consult and guide Austrian enterprises worldwide.

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Cities continue to be the focal point of human civilization, and by 2050, it is estimated that a staggering 70% of the global population will call these urban hubs their home. As this urbanization trend surges forward, the demand for innovative solutions has never been more pressing. Sustainable, efficient, and environmentally conscious urban development is not just a necessity but a paramount concern, as we strive to elevate the quality of life for city dwellers.

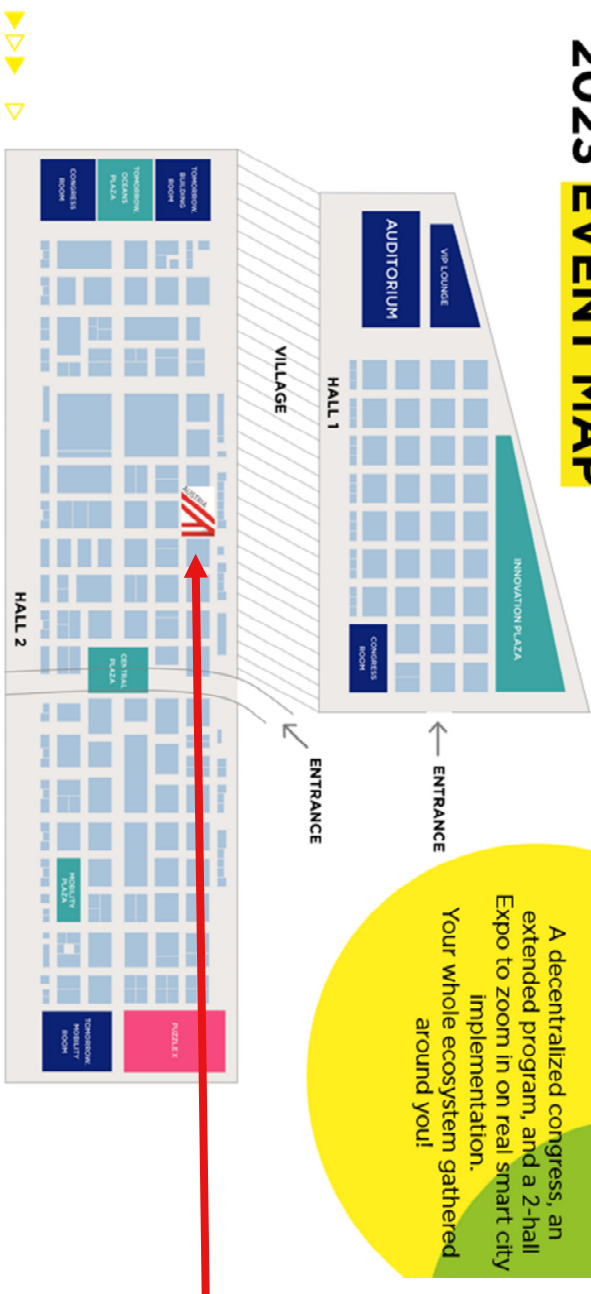
In Austria, the pursuit of smarter cities remains a top priority on the political agenda. Vienna, a shining example, has consistently secured its place among the world's elite smart cities for several years. Across the nation, an array of dynamic projects is unfolding, driven by cutting-edge strategies for waste and water management, mobility solutions, and sustainable energy provisioning. In response to this urban evolution, Austrian companies are increasingly committing their expertise to meet the evolving demands of cities and towns.

Through our participation at the Smart City Expo World Congress (SCEWC) we are proud to present Austria's leading companies in the field of smart cities and their state-of-the-art products and services, which all help to make towns use their resources more efficiently and improve people's daily lives.

We extend a warm invitation to visit Advantage Austria, where you can personally meet the Austrian exhibitors participating in the event. You will have the opportunity to gain insights into their latest groundbreaking technologies. Furthermore, we are here to offer assistance and support for conducting business with Austria as a whole.

Richard Bandera
Commercial Counselor of the Austrian Embassy

2023 EVENT MAP



Advantage Austria—B 81

AIT Austrian Institute of Technology GmbH	    
ALP.lab GmbH	
Commend International GmbH	
FILCOM Umwelttechnologie GmbH	
Hargassner GmbH	
Herz Energietechnik GmbH	
Kapsch TrafficCom AG	
Kreisel Electric	
Lixtec	
ms.GIS Informationssysteme GmbH	 
Rubicon IT GmbH	
Skidata GmbH	  
Sloc GmbH	
Tridonic GmbH & Co KG	
Weavs GmbH (Citymonitor)	 



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The AIT Austrian Institute of Technology is the largest non-university research institute in Austria, comprised of seven centers. This institute focuses on key infrastructural issues for the future and stands out as a highly specialized research and development partner for the industry.



Within the Energy Center, more than 250 experts work under the direction of Wolfgang Hribernik in the field of the future energy system. The primary research areas revolve around three areas: public energy supply systems, industrial energy systems, and the built environment of cities.



Furthermore, they offer a wide range of research and advisory services for smart cities, ranging from digital planning for resilient urban development to digital and sustainable building management, including climate models for urban regions and neighbourhoods, simulation and analysis of pedestrian flows, as well as monitoring and KPI systems for smart cities.



ALP.lab GmbH

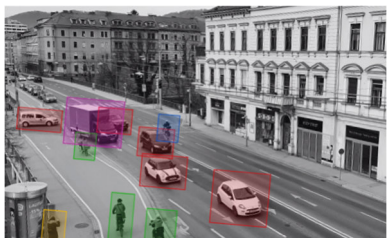
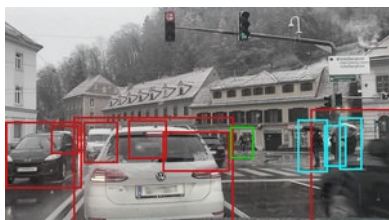
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ALP Lab is the Austrian one-stop shop for autonomous driving testing and an Euro NCAP accredited laboratory. The company offers comprehensive services for the safe testing of automated driving technologies, including Euro NCAP-compliant active safety testing. Additionally, ALP Lab GmbH provides over 10 million kilometers of real traffic data based on objects for traffic planning or the development of driver assistance systems.

The ALP Lab testing team provides valuable assistance in test design and the selection of suitable test tracks. It also conducts comprehensive ADAS/AD testing, including Euro NCAP assessments, with support for Hardware-in-the-Loop (HiL) testing, among other services.

The ALP Lab traffic team is responsible for gathering real traffic data using optical/LiDAR sensors integrated into the infrastructure. This data is then pre-processed for use in simulation and development processes, contributing to the advancement of driver assistance systems and automated vehicles in a practical and efficient manner.



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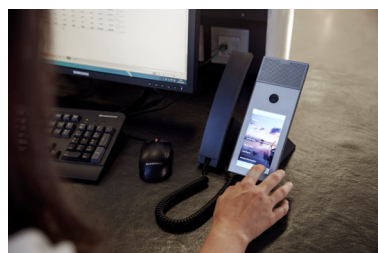
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For the past 50 years, Commend has been at the forefront of providing top-grade communication solutions with excellent speech intelligibility, consistently delivering these solutions anywhere and everywhere. Whether in everyday life or in challenging situations and environments, Commend is always driven by customer inspiration and needs. The result is a range of premier products and systems that customers can rely on to safeguard buildings, facilities, assets, and even lives, spanning from road tunnels, industrial plants, ships, and trains to parking facilities, public areas, and even smart cities.



Commend specializes in urban security and communication solutions, offering features such as emergency call terminals with AI-driven voice assistants, audio signalling, control centres, "talking cameras," smart streetlights, and advanced background noise monitoring and report generation through audio and video data analysis. Their solutions enhance urban safety and efficiency.



**FILCOM Umwelttechnologie GmbH**

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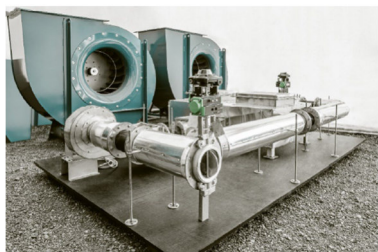
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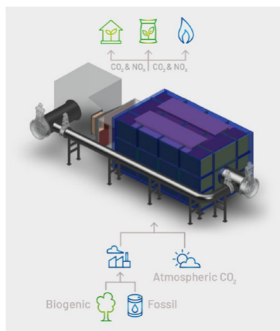
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FILCOM is a company specialized in the fields of efficient CO₂ and NO_x capture, as well as odour control. It offers highly customized and technologically advanced solutions to address environmental challenges and turn them into market opportunities. Its customer satisfaction-focused approach ensures that the proposed solutions are effective and efficient in enhancing air quality.



Regarding odour control, FILCOM serves as the distributor of Purafil® filters in Spain, providing solutions for air purification and the removal of odours and harmful gases in a variety of processes. Its goal is to combine efficient technology with personalized guidance and meticulous planning to meet the client's needs.



Purafil's air filtration systems are applied in wastewater treatment areas where unpleasant odours are generated, offering a decentralized and easy-to-install solution tailored to the specific requirements of each treatment area, resulting in higher effectiveness and reduced operating and maintenance costs.



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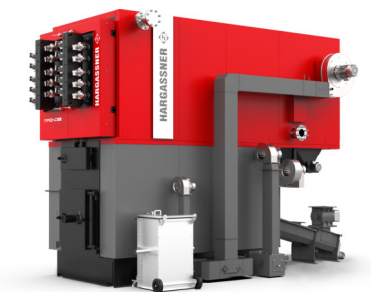
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For over 39 years, Hargassner has been at the forefront of developing and manufacturing wood chip, pellet, and log boilers with a power range spanning from 6 to 2500 kW. Today, the Hargassner brand is synonymous with the lowest emission values, maximum efficiency, outstanding comfort, and exceptional longevity.



The company is characterized by its dedication to researching and developing biomass boilers to meet the high expectations of its customers. With over 165,000 boilers installed worldwide, Hargassner has established itself as a leader in this field.



However, in an ever-changing world where rural areas are being abandoned and temperatures are on the rise, the preservation of our forests has become even more critical. Choosing equipment like those offered by Hargassner is not only an investment in sustainability but also aligns with the vision of smart cities and environmentally conscious solutions for a greener future.



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HERZ Energietechnik employs over 200 people in production and sales. A highly modern factory as well as a research institute for new innovative products are located at the company's site in Pinkafeld.



HERZ provides a complete range of environmentally friendly heating systems offering maximum comfort and user-friendliness with its pellet and wood chip plants up to 1,500kW, wood gasification boilers up to 40 kW, and heat pumps up to 80 kW.

The Austrian heating technology specialist attaches great importance to continuous product development and the generation of new technologies. Even systems that are already successfully established in the market are constantly being expanded and upgraded.



As one of Europe's leading manufacturers of innovative, cost-efficient and environmentally friendly heating systems HERZ Energietechnik seeks to expand and to reach out to new customers.



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Kapsch TrafficCom is a global provider of intelligent traffic systems encompassing toll collection, traffic management, smart urban mobility, road safety, and connected vehicles. Their expertise in sustainable transportation solutions contributes significantly to the vision of Smart Cities worldwide.



With successful projects spanning over 50 countries, Kapsch TrafficCom is an international leader in promoting sustainable mobility. Their innovative solutions, ranging from toll collection and traffic management to demand management and mobility services, play a pivotal role in creating a healthier, congestion-free world.



Kapsch TrafficCom offers comprehensive solutions that cover the entire value chain for their clients, from components and design to system implementation and operation. Their contributions align with the goals of Smart Cities, striving for efficient, sustainable, and connected urban mobility solutions.



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KREISEL Electric GmbH, headquartered in Rainbach im Mühlkreis, Upper Austria, is an international provider of battery solutions that play a vital role in shaping Smart Cities. Their patented immersion cooling technology ensures exceptional safety, long lifespan, and outstanding performance.



KREISEL Electric specializes in state-of-the-art battery technology for a wide range of both mobile and stationary applications. One of their noteworthy innovations is CHIMERO, a high-power commercial DC charger that supports CCS charging with capacities of up to 180 kW while maintaining a reduced grid connection power. The key to this technology lies in the integrated battery, which prevents peak loads during charging. This unique configuration allows for rapid charging using the typical grid connection power available (60 kW).



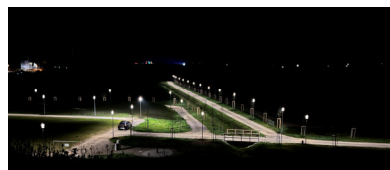
KREISEL Electric contributes to the vision of Smart Cities by creating environmentally friendly transportation options and promoting energy efficiency in urban areas.



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Lixtec GmbH, an Austrian provider of radar systems for motion detection in outdoor lighting, plays a pivotal role in advancing the concept of Smart Cities through its innovative solutions.



With its extensive experience in radar sensor technology, Lixtec GmbH offers reliable and efficient lighting solutions that ensure illumination is utilized precisely when and where it is needed. This not only optimizes the use of light but also contributes to significant electricity savings and cost reduction, while simultaneously addressing the issue of light pollution.



Lixtec's expertise extends beyond radar technology to encompass lighting planning and customization, catering to the unique needs of each customer.

By integrating Lixtec's radar-based systems, every LED light can be transformed into an intelligent street luminaire.



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ms.GIS is a leading solution provider of technologies for smart cities, smart energy, smart grids, and smart mobility. Its Unique Selling Point (USP) is based on the combination of geospatial information technology with the Internet of Things (IoT). Together with its US subsidiary and the joint venture ROC-Connect, ms.GIS develops white-labelled smart home solutions for telcos, services providers, insurance companies and retail chain stores, e.g. some of the largest DIY chains (North and South America and Europe).

ms.GIS is looking for partners and customers for white-labelled smart home solutions and smart cities for energy and mobility projects. Together with ROC-Connect ms.GIS offers an extensive IoT and Smart Home platform, which enables users to put into practice an ecosystem for real-time analytics.



ms.GIS is a partner of the Green Energy Lab, one of the three model regions in Austria, and participates in various R&D projects, such as the Open Data Platform.



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RUBICON is a global software company headquartered in Vienna, with additional offices in Bern and Berlin. Since 2001, RUBICON has been a trailblazer in forward-looking IT solutions, specifically catering for electronic government administration and international businesses. Through its products and services, the company has provided long-term support for numerous clients in the realm of digitalization. RUBICON's commitment to delivering top-tier functionality makes it the ideal implementation partner for its clients.

In the era of Smart Cities, RUBICON plays a pivotal role in enabling diverse clients to enhance their digital capabilities. From secure and auditable registration processes to the clear and structured management of correspondence and business data, to archival tasks and research, RUBICON empowers its clients to thrive in the digital landscape.

 **Acta Nova**

 **Document Partner**

 **Nova Find**

 **Custom Solutions**

 **Managed Services**

 **Professional Services**

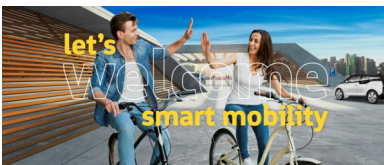




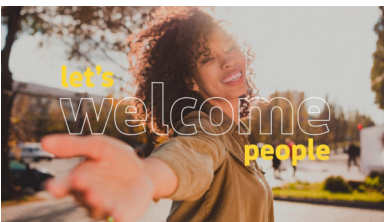
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SKIDATA is recognized worldwide as an international leader in the realm of access solutions and their management. Prominent entities across the globe, including airports, shopping malls, urban centers, office complexes, hotels, medical facilities, educational institutions, ski resorts, sports stadiums, and amusement parks, rely on SKIDATA's secure, forward-looking, and dependable access solutions for both individuals and vehicles.



The company's hallmark lies in its commitment to providing solutions that prioritize user-friendliness, intuitive navigation, and enhanced security for end customers. Through the integration of its innovative concepts, SKIDATA empowers clients to streamline operations and optimize profitability. As a constituent of the Kudelski Group, a globally traded entity (SIX: KUD.S) at the forefront of digital business enablement technologies, encompassing domains such as digital content security, public access, cybersecurity, and the Internet of Things (IoT), SKIDATA Group assumes a significant role.



**SLOC GmbH**

Messendorfgrund 30

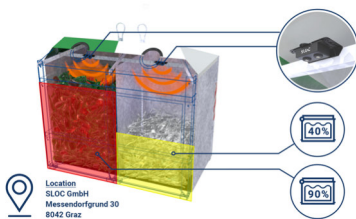
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In the dynamic landscape of Industry 4.0, SLOC establishes itself as a pioneering force, specializing in cutting-edge IoT devices catered to the logistics, waste management, and industrial sectors. Operating as a steadfast partner, SLOC is dedicated to delivering unmatched process transparency, heightened operational efficiency, and rapid responsiveness in collaboration with its clientele.

SLOC's IoT devices reshape industries with breakthroughs. Their smart waste management solutions bring 30% efficiency gains, offering real-time insights on fill levels, lid positions, and fire alerts.



The SLOC Waste Collection Portal streamlines operations through transparent data visualization and dynamic route planning. Complementing this is the SLOC Tracker, redefining asset management by tracking movement, location, temperature, and shocks across logistics and vehicles.

TRIDONIC

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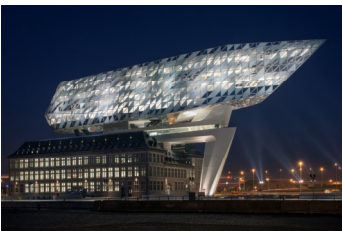


Tridonic is a world-leading supplier of lighting technology, supporting its customers with intelligent hardware and software and offering the highest level of quality, reliability and energy savings.



As a global driver of innovation in the field of lighting-based network technology, Tridonic develops scalable, future-oriented solutions that enable new business models for lighting manufacturers, building managers, systems integrators, planners and many other types of customers.

Tridonic is the technology company of the Zumtobel Group and is headquartered in Dornbirn, Austria.



Their vision:

To be the world's leading lighting technology partner, enabling new ways of using and experiencing light.



citymonitor

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Citymonitor is a software-as-a-service (SaaS) platform to gather and analyse real-time communal data. The aim is to improve services for citizens and to optimise the resource management of cities and towns through process automation.



Data (sensor data, existing sources...) is selected, presented, linked and published, if necessary (Open Data). The platform's modularity and its expertise in the areas of sensor technology and data integration enable Citymonitor to implement customers' individual requirements.



Citymonitor is an innovative data platform for smart cities and towns.

Weavs GmbH is looking for international pilot schemes, collaborations – especially with resellers – and towns interested in their product.

Enterprise Europe Network:

We help ambitious SMEs innovate + grow internationally

The Enterprise Europe Network is the world's largest support network for SMEs with international ambitions with 3.000 experts in more than 40 countries. We combine international Know-How with local expertise and help you to commercialise your innovations faster and get access to new markets.

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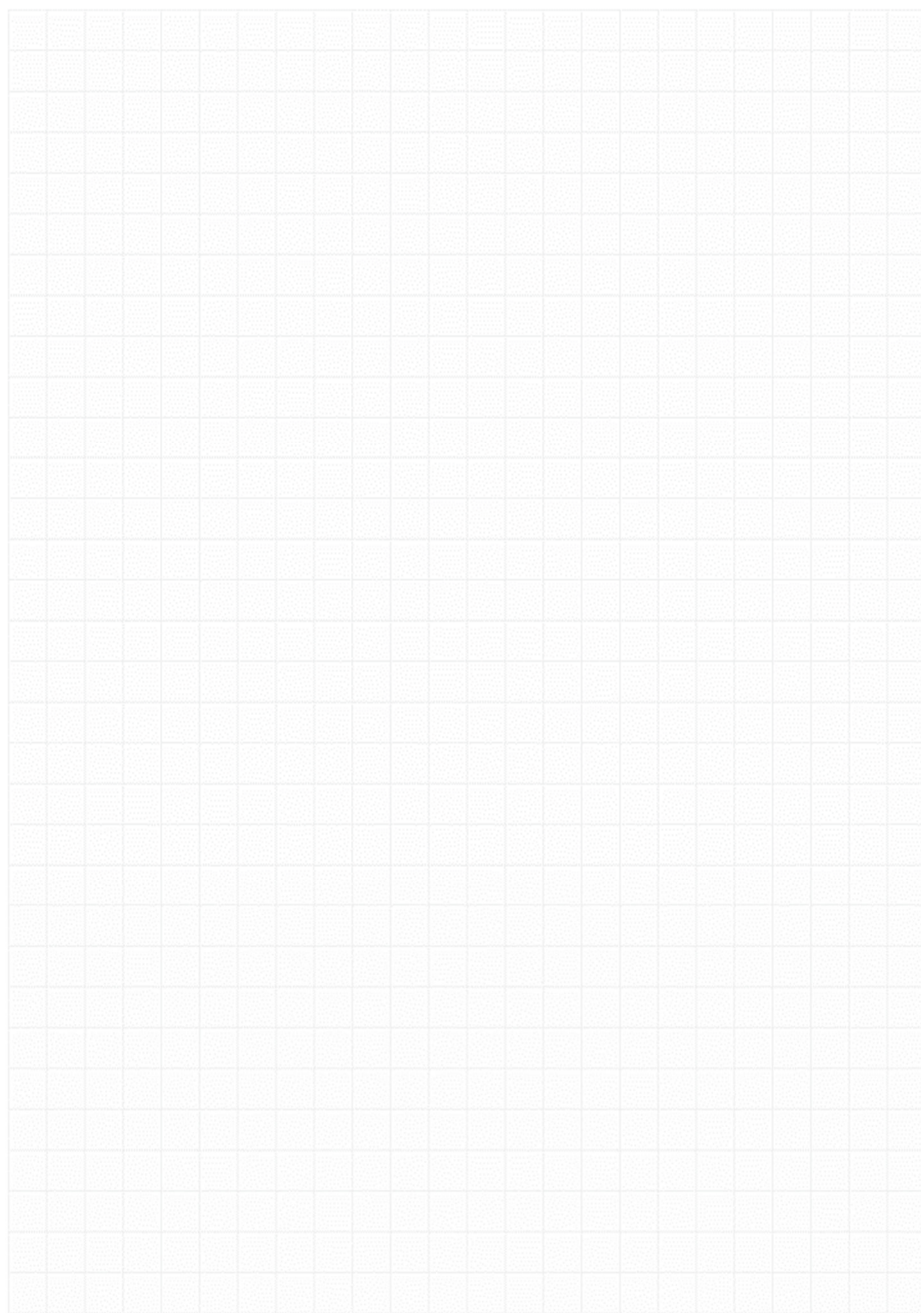
The Enterprise Europe Network Austria consists of 11 experienced partners helping Austrian SMEs in their growth ambitions. You can find us on www.een.at.

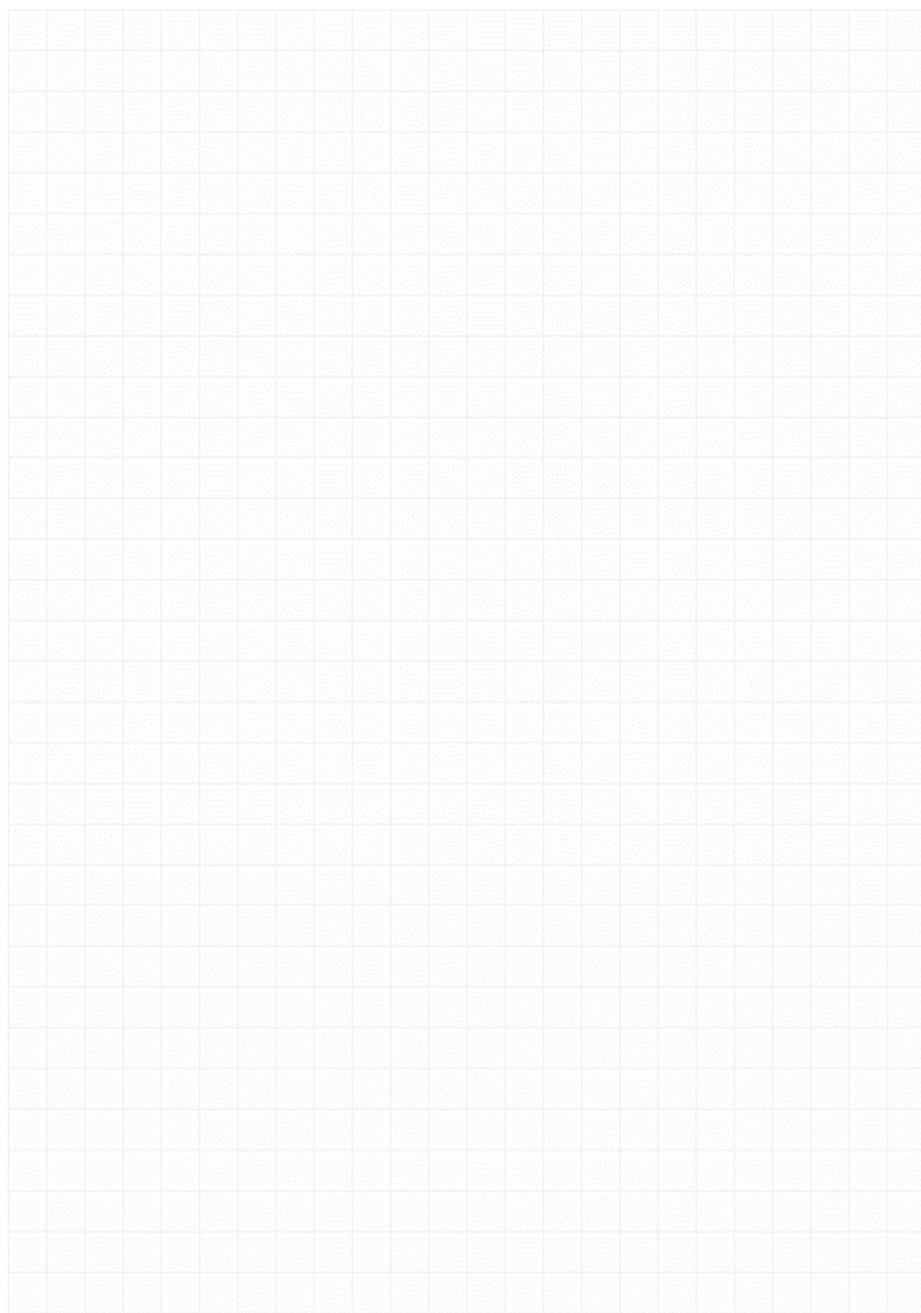
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