

# Innovation and Technology Lower Austria

Research centers and projects	
<b>Austrian Research Centers Seibersdorf</b> <a href="http://www.arcs.ac.at">www.arcs.ac.at</a>	<ul style="list-style-type: none"> <li>▪ Biogenetics</li> <li>▪ Biomedical Engineering</li> <li>▪ Electrochemistry &amp; Surface Technology</li> <li>▪ Energy</li> <li>▪ Functional Materials</li> <li>▪ Radiation Safety and Applications</li> <li>▪ Life Sciences</li> <li>▪ Light metals</li> <li>▪ Mobility</li> <li>▪ Nano-System-Technologies</li> <li>▪ Nuclear Engineering</li> <li>▪ Smart systems</li> <li>▪ Systems research</li> <li>▪ Technology Transfer</li> </ul>
<b>Institute for Agrobiotechnology (IFA Tulln)</b> <a href="http://www.ifa-tulln.ac.at">www.ifa-tulln.ac.at</a>	<ul style="list-style-type: none"> <li>▪ Biotechnology in plant production</li> <li>▪ Biotechnology in animal production</li> <li>▪ Natural materials and packaging technology</li> <li>▪ Environmental biotechnology</li> <li>▪ Center for analytical chemistry</li> </ul>
<b>Technology and Research Center Wiener Neustadt (TFZ)</b> <a href="http://www.tfz-wienerneustadt.at">www.tfz-wienerneustadt.at</a>	<ul style="list-style-type: none"> <li>▪ Micro-system technology and nanotechnology</li> <li>▪ Electrochemistry</li> <li>▪ Tribology</li> </ul>
<b>fotec Research and Technology Wiener Neustadt</b> <a href="http://www.fotec.at">www.fotec.at</a>	<ul style="list-style-type: none"> <li>▪ Solutions to individual technological projects</li> <li>▪ Polymeer engineering, mechanical design, electronics (Technikum Wiener Neustadt)</li> <li>▪ Clean room</li> <li>▪ Large-scale research project <b>Medauston</b></li> </ul>
<b>Medauston Science4Life Wiener Neustadt</b> <a href="http://www.medauston.at">www.medauston.at</a>	<ul style="list-style-type: none"> <li>▪ Austrian Ion Therapy &amp; Cancer Research Center Project</li> </ul>
<b>IMA Integrated Microsystems Austria in Wiener Neustadt</b> <a href="http://www.ima-mst.at">www.ima-mst.at</a>	<ul style="list-style-type: none"> <li>▪ Centre for development and prototyping of microsystems</li> </ul>

Centers of competence in Austria	
<b>Center of Competence for Applied Electrochemistry (ECHEM) Wiener Neustadt</b> <a href="http://www.echem.at">www.echem.at</a>	<ul style="list-style-type: none"> <li>▪ Electrochemical surface treatment (ESURF)</li> <li>▪ Electrochemical environmental technology (ECRE)</li> <li>▪ Fundamental research</li> <li>▪ Electrochemical energy storage and conversion (BATT)</li> </ul>
<b>Austrian Center of Competence for Tribology (AC<sup>2</sup>T) Wiener Neustadt</b> <a href="http://www.ac2t.at">www.ac2t.at</a>	<ul style="list-style-type: none"> <li>▪ Tribometry tasks</li> <li>▪ Functional coatings and surface engineering (FUN),</li> <li>▪ Lubricants and lubrication (LUB) and</li> <li>▪ System analysis and engineering (SYS).</li> </ul>
<b>Center of Competence for Wood Composites and Wood Chemistry (WOOD)</b> <a href="http://www.kplus-wood.at">www.kplus-wood.at</a>	<ul style="list-style-type: none"> <li>▪ Wood and Pulp Chemistry</li> <li>▪ Wood and Wood Composites</li> <li>▪ W3C: Surface-Technology &amp; Logistics</li> <li>▪ Wood Polymer Composites (WPC)</li> <li>▪ Market research</li> </ul>
<b>Materials Center Leoben (MCL)</b> <a href="http://www.mcl.at">www.mcl.at</a>	<ul style="list-style-type: none"> <li>▪ In collaboration with Styria</li> <li>▪ Tooling (metal, ceramics, polymers)</li> <li>▪ Analytics</li> </ul>
<b>reNet Austria - Renewable Energy Network Austria</b> <a href="http://www.renet.at">www.renet.at</a>	<ul style="list-style-type: none"> <li>▪ The main objective is to promote research into and development of efficient technologies which allow regionally available raw materials to be used optimally, in energy terms.</li> </ul>

<p>Innovations Consulting Services</p> <p>Beside those research centers and business incubatorsthe following institutions provide for Innovations Consulting Services:</p>	
<p><b>Austrian Society for Microsystem Technology – Branch Office Wiener Neustadt</b></p> <p><a href="http://www.ogms.at/tbzm">www.ogms.at/tbzm</a></p>	<ul style="list-style-type: none"> <li>▪ Technology transfer to the industry</li> <li>▪ MST-Networking</li> <li>▪ Technology Consulting</li> <li>▪ Project management</li> <li>▪ Support of multidisciplinary R&amp;D projects</li> <li>▪ Organization of Fairs</li> <li>▪ Organization of industry-specific education programs</li> <li>▪ Consulting &amp; Support in the Area of R&amp;D financing</li> <li>▪ EU-R&amp;D Projects</li> </ul>
<p><b>Technology transfer center (GTZ) St. Pölten</b></p> <p><a href="http://www.wk.or.at/uti">www.wk.or.at/uti</a></p>	<ul style="list-style-type: none"> <li>▪ Assistance for companies with innovative, technology and market oriented business ideas</li> </ul>
<p><b>Regional technology and innovation partners (TIP) Lower Austria</b></p> <p><a href="http://www.wko.at/noe/tip">www.wko.at/noe/tip</a></p>	<ul style="list-style-type: none"> <li>▪ Individual consulting and assistance for innovative and technology oriented projects</li> </ul>
<p><b>Regional Innovation System (RIS) Lower Austria</b></p> <p><a href="http://www.ris-noe.at">www.ris-noe.at</a></p>	<ul style="list-style-type: none"> <li>▪ Regional Innovation Strategy Lower Austria</li> </ul>
<p><b>Information system for innovations in Lower Austria (INFINÖ)</b></p> <p><a href="http://www.infinoe.at">www.infinoe.at</a></p>	<ul style="list-style-type: none"> <li>▪ Information platform for innovations of Lower Austria's companies and the core competences of R&amp;D an Technology Centres to support transfer of knowledge between public Research and the industry.</li> </ul>

# Clusters and Technopols

## Cluster initiatives

Small and mid-sized enterprises (SME) are the pillars of the Lower Austrian economy. Yet, they are most seriously affected by the increasing globalization of their markets. So, the need is for innovation, for specialization in core competencies and for all-in-one solutions from a single source. Many of these requirements can no longer be met by one company alone. For this reason, a vital business policy may be to enter into strategic alliances with other companies ranging from joint product development to organizational optimization, from shared purchasing and equipment use to cooperative market activities.

At this point, clusters and networks are concepts that can open up new opportunities to many companies while decisively strengthening their competitiveness.

Clusters are flexible networks of small and large companies that complement each other, along research, development, qualification institutions and additional centers of competence that build competitiveness thanks to close supply linkages and cooperative relationships.



### **ACVR Automotive Cluster Vienna Region**

[www.acvr.at](http://www.acvr.at)

Start-up: November 2001

Partner companies: 104, Work force: 31,127

- In collaboration with the Vienna Business Agency (VBA)
- Catalyst for innovation in the interior dimension: electronics, telematics, design, materials, safety and "Human-Machine-Interface" (HMI).



### **Green Building Cluster**

[www.bauenergieumwelt.at](http://www.bauenergieumwelt.at)

Start-up: May 2007

Integration of the Wood & Timber Cluster and the Green Buildings Cluster of Lower Austria

Partner companies: 178, Work force: 9,173

- This cluster is a new economy hub in the area of sustainable building and living, independent from used materials. The team consists of architects, energy experts, construction and interior experts.



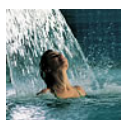
### **Plastics-Cluster**

[www.kunststoff-cluster.at](http://www.kunststoff-cluster.at)

Start-up: January 2005

Partner companies: 85, Work force: 9,802

- The central focus of this cluster - a cooperation with Upper Austria - lies in the optimal support between companies in the plastic sector in Lower Austria.



### **Wellbeing Cluster Lower Austria**

[www.wellbeingcluster.at](http://www.wellbeingcluster.at)

Start-up: October 2002

Partner companies: 100, Work force: 3,560

- A network of dynamic businesses and service providers in the core sectors of wellness tourism, preventive medicine and natural products, as well as related fields such as research and development, qualification training, fitness and sports, nutrition and equipment



### Logistic Cluster Lower Austria

[www.logistikcluster.com](http://www.logistikcluster.com)

Start-up: July 2008

- The Logistic Cluster Lower Austria was established to provide a servicepoint for all innovative companies, that want to be ready for logistic challenges coming up in the future. The cluster is not tied to any industry.



### Food initiative Lower Austria

[www.ecoplus.at/lmi](http://www.ecoplus.at/lmi)

- With the Food Initiative of Lower Austria a new project platform for the native food industry will be launched. The competitiveness and innovativeness of the Lower Austrian food industry will be increased by way of several key projects.

## Technopol-Program Lower Austria

Technopols are combined technological and business centers specifically established around recognized educational and research institutes. The Technopol Program of Lower Austria is a trendsetter in implementing the linkage of education/training, research and business. Lower Austria's three Technopols are already setting international standards:

Through the Technopol Program – managed by ecoplus for Lower Austria – existing and future companies are being supported in entering into successful research cooperations with leading R&D institutions in the province



### Technopol Krems

[www.ecoplus.at/technopol\\_krems](http://www.ecoplus.at/technopol_krems)

- **Biomedicine** - (tissue engineering, cellular therapies, extracorporal blood purification)
- **Healthcare services**



### Technopol Tulln

[www.ecoplus.at/technopol\\_tulln](http://www.ecoplus.at/technopol_tulln)

- **Agro- and environmental biotechnology** biotechnical processes are developed in the areas of plant and animal production, as well as environmental protection



### Technopol Wiener Neustadt

[www.ecoplus.at/technopol\\_wr\\_neustadt](http://www.ecoplus.at/technopol_wr_neustadt)

- **Modern Industrial Technologies (MIT)** - **At the core of this concept lie the fields of microsystems technology, surface technology and medical systems technologies**

## Business start-up

Besides support in areas such as technology, innovation and cluster initiatives, information and service is also provided for entrepreneurs founding a new company.

Business incubators	
<b>Regional Innovation Centers (RIZ)</b> <a href="http://www.riz.at">www.riz.at</a>	<ul style="list-style-type: none"> <li>▪ It's aim is to provide support in terms of counselling and professional guidance during the first three years of business activity. Our experienced RIZ consultants offer personal help in writing business plans, giving advice in terms of finance and appropriate business locations. Additionally, RIZ offers the right infrastructure for the first years of business activity</li> <li>▪ RIZ incubation centres and RIZ Consulting offices can be found throughout the country</li> </ul>
<b>Business and Innovation Center (BIZ) St. Pölten</b> <a href="http://www.biz-st-poelten.at">www.biz-st-poelten.at</a>	<ul style="list-style-type: none"> <li>▪ Renting of office space</li> <li>▪ Consultancy for start ups</li> <li>▪ Assistance in the development of marketing concepts</li> </ul>
<b>Business incubator and service center (GBZ) Gmünd</b> <a href="http://www.access.co.at">www.access.co.at</a>	<ul style="list-style-type: none"> <li>▪ The ACCESS INDUSTRIAL PARK offers not only fully developed industrial plots but also a comprehensive advisory services and cost-effective space to rent for start-ups and entrepreneurs from the region as well as temporary offices for interested investors.</li> </ul>
<b>Technology and Trainings Center (TBZ) Groß Siegharts</b> <a href="http://www.tbz.siegharts.at">www.tbz.siegharts.at</a>	<ul style="list-style-type: none"> <li>▪ Coordinated assistance from business ideas to start ups</li> <li>▪ Target group: technology oriented companies and service providers in the areas of IT, caring/social and economy services</li> <li>▪ Specific infrastructure for start ups in the first years of activity</li> </ul>
<b>Gründer-Service der Wirtschaftskammern</b> <a href="http://www.gruenderservice.net">www.gruenderservice.net</a>	<ul style="list-style-type: none"> <li>▪ Business incubator service of The Austrian Federal Economic Chamber. Professional assistance for business start ups, successor establishment and franchisee's.</li> </ul>