



i-vector Innovationsmanagement GmbH

The i-vector Innovationsmanagement GmbH was established in 2008 as a spin-off from an innovation center of a leading German automotive manufacturer. i-vector sees itself as a catalyst that supports institutions and companies to effectively, efficiently, and securely navigate the innovation process from the genesis of initial ideas to market launch.

The services provided by i-vector include identifying and evaluating future innovation and market potentials of new technologies within the context of corporate objectives. i-vector supports large and medium-sized companies nationwide in successfully bringing their ideas to market and overcoming technological and organizational challenges.

Furthermore, federal and state ministries, economic development agencies, as well as municipal collaborative projects have been supported by evaluations, economic policy, strategic planning documents, and regional competence assessments.

<https://www.i-vector.de>

ReLioS e.V.

The worldwide demand for lithium-ion battery systems will increase significantly in the coming years regarding increasing electro-mobile applications. This demand cannot be adequately met due to supply and capacity bottlenecks in cells and raw materials for cells. Therefore, the re-use of batteries and the recycling of battery systems and their materials are of particular importance.

In view of the need for comprehensive efficiency of raw material and energy, the recycling and re-use of lithium-ion battery systems and battery materials is a high economic and environmental opportunity at both national and global level. Through an aimed interaction of the specific technological and process-related competencies of German, Korean and other international companies in conjunction with leading scientific institutions, the existing technological and economic challenges can be solved together. For a better circular economy!

<https://www.relios.org/#topics>



APEX Group

APEX was founded in Rostock/Laage, Germany, in 2000 and has focused entirely on hydrogen electrolysis plants since 2012. In its core business, APEX develops, builds and sells or operates green hydrogen electrolysis plants. These are used to decarbonize industrial value chains and to produce green hydrogen and hydrogen derivatives. They are used, for example, in the steel, chemical and cement industries as well as other energy intensive industries. In addition, the company offers hydrogen plants for infrastructure and logistics. APEX is also developing new compressed gas storage facilities and researching the chemical storage of hydrogen with established research institutions.

<https://www.apex-group.de>



The Helmholtz Centre Potsdam – GFZ German Research Centre for Geosciences

The Helmholtz Centre Potsdam – GFZ German Research Centre for Geosciences is the national centre for geosphere research. As a member of the Helmholtz Association of German Research Centres we are part of the largest scientific organization in Germany. With approximately 1,500 employees our key mission is to secure a profound understanding of the systems and processes of solid Earth, to develop strategies and options for action in addressing global change and its impacts on a regional level, to understand natural hazards and to minimize associated risks, to ensure the sustainable provision of energy and raw materials for a high-tech society and to evaluate the influence of human activity on system Earth.

The GFZ is also a hub for international communication and cooperation in the Earth sciences. By its nature, Earth science research is global and does not recognize national boundaries. As an active partner, the GFZ German Research Centre for Geosciences represents the Federal Republic of Germany in many international programs and cooperative efforts.

<https://www.gfz-potsdam.de>

Verband kommunaler Unternehmen e.V. (VKU)

Verband kommunaler Unternehmen e.V. (VKU) is the German Association of Local Public Utilities of municipally determined infrastructure undertakings and economic enterprises. VKU is the association for local public utilities, which do not primarily pursue private commercial objectives but are guided by public welfare obligations. In our democratic system, they operate under local self-administration to serve "citizen value".

VKU represents the interests of the local public utility sector in Germany, which includes both supply and disposal services. Founded in 1949, the German Association of Local Public Utilities has its headquarters in Berlin. It also runs an EU representation in Brussels. Furthermore, VKU is represented at federal state level with local offices – as „the Landesgruppe Berlin-Brandenburg“. The 1,500 member companies organized within VKU are primarily active in energy supply, water supply and sewage, waste management, municipal cleaning and telecommunication.

We bring together the interests of the local public utilities and influence the processes of policy-making and law-making. We formulate ideas on the future of the local public utility sector and offer our members a broad range of support services.

<https://www.vku.de>



Gustav Scharnau GmbH

The family business was founded in 1914 by Gustav Scharnau and is now managed by Matthias Schach in the 4th generation. For more than 60 years we have been manufacturing and supplying individual adhesive solutions and are constantly developing new applications for complex challenges. Our customers include companies from all branches of industry. The focus is on the automotive and vehicle industry, electrical, chemical and metal industries. But trade fair and stage builders as well as motorsport teams also appreciate our products.

<https://www.scharnau.de>



Oxford PV

Oxford PV is a pioneer and technology leader in the field of perovskite solar cells. The company was established in 2010, as a spin-out from the University of Oxford. It focuses exclusively on developing and commercialising a perovskite-based solar technology. A research and development site in Oxford, UK, and an integrated production line in Brandenburg near Berlin, Germany enable the accelerated transfer of its technology into industrial-scale perovskite-on-silicon tandem solar cell manufacturing.

Oxford PV has achieved a world-record efficiency of 28.6% for its commercial-sized perovskite-on-silicon tandem solar cell. The company has a clear roadmap to take this technology beyond 30% efficiency.

Solar panels built with Oxford PV's solar cell technology will generate more power than comparably sized, silicon-only based PV technology – critical for delivering more affordable clean energy, accelerating the adoption rate of solar, and addressing the climate crisis.

<https://de.oxfordpv.com>

Institute für Betriebliche Bildungsforschung

Against the backdrop of global transformation processes, which find expression in the current energy and mobility turnaround and will extend to other sectors in the future (chemicals, health, finance, food, raw materials, security, water), the IBBF sees itself at the side of SMEs in the German capital region. The demands on our economy are growing here just as dynamically as the findings from research on urgent changes of our time. The IBBF team therefore works with R&D partners to develop practice-oriented solutions, concepts and formats that serve the competence development of employees in the organisations and are aimed at their ability to make decisions and take action. For public and private clients, we also develop and realise application-oriented studies in R&D projects with different thematic focuses, e.g. on sustainable development under the conditions of the digital transformation and its effects on job profiles, company perspectives, processes and strategies as well as personnel and organisational development.

<https://ibbf.berlin>



Kubik Innovation

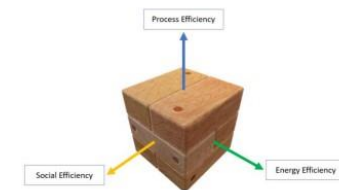
Motto: Clean growth in every dimension!

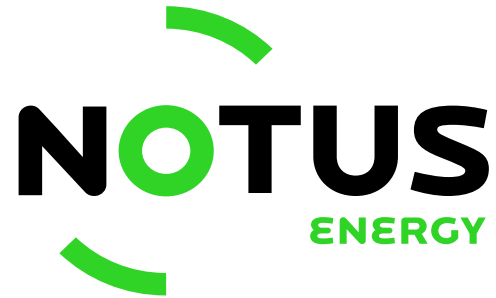
Mission: Our mission is to develop efficient solutions to achieve clean growth in every dimension.

We are committed to ensuring that companies, private individuals, communities and governments are prepared for the next crucial decade for the energy transition. Projects typically have a starting point in one of the three dimensions, and tapping into the potential there, is the first step. Turning a project into a sustainable success is what we aim for, and it takes all three dimensions to achieve that.

(Core values: Commitment, Diversity, Sustainability, Efficiency)

<https://www.kubik-innovation.de>





NOTUS energy GmbH

Founded in 2001, NOTUS energy specializes in renewable energy, focusing on wind and solar power projects in Germany and abroad. With over two decades of experience, the company has become a contributing player in sustainable energy development & management with 1+ GW installed. NOTUS energy provides comprehensive services in renewable energy solutions, assisting businesses and governments in transitioning to sustainable power sources. Its expertise encompasses project planning, implementation, and operation of wind- and solar parks. The company is also committed to innovation within the energy transition, working on the implementation of flexibility solutions for a greener future.

<https://www.notus.de>

aBB automotive BerlinBrandenburg e.V.

aBB automotive BerlinBrandenburg e.V. is the regional industry association for the automotive supply industry in the Berlin-Brandenburg metropolitan region. It represents more than 340 medium-sized companies in the regional supplier industry and was founded in 2004. As an industry association, it supports its members in the areas of transformation processes and networking at regional, national and international level.

As part of the internationalization strategy of the state of Berlin "Go to International", it is the sponsor of the funded internationalization project "Berlin Cooperation automotive Network - BeCAN2.0" and the "Berlin Chinese Automotive Network". Since 2018, the association has been a member of the bilateral German-Chinese working group to promote cooperation in the automotive industry.

The range of services includes the following areas:

Service offer: Advice and information, Seminars & Training, Project development, Conferences & Congresses

Subject areas: Autonomous & Automated Driving, Skilled worker development and training (human capital management), Digitization & Virtualization, Smart Manufacturing, International Cooperation & Networks

<https://www.ac-bb.de>



GTAI GERMANY
TRADE & INVEST



DB Systemtechnik

DB Systemtechnik is Deutsche Bahn's technical service provider. We operate on the global rail market and offer our customers services for vehicles, components, infrastructure and interfaces. As Europe's largest centre of expertise for railway technology, we guarantee independence, neutrality and confidentiality.

DB Systemtechnik is all about safe technology that works well, improving the availability and reliability of infrastructure for mobility of the future. We are getting the rail system ready for decarbonization of transport, driving the development of resource-saving, environmentally friendly technologies and using these innovations in our own operations. We offer new solutions that make the rail system efficient and competitive. Active internationally, we have a particular focus on strengthening rail transport in Germany and Europe, expanding our expertise on a daily basis.

<https://www.db-systemtechnik.de/dbst-de>



4cast

4cast has been driving machine learning-based forecasting methods for the energy market since 2016. The systems rely on intelligent and adaptive algorithms and resulting individual forecasting models. Yield forecasts support sustainable and market-optimized trading of wind and solar energy. Using current and historical production and weather data from various sources, 4cast trains its in-house models for unprecedented precision.

<https://4-cast.de>

balticFuelCells GmbH

The balticFuelCells GmbH specializes in the development and production of fuel cells and fuel cell components. Typically, our development efforts involve close collaboration with research and development institutions, such as the Fraunhofer Institutes. The focus is always on the specific application relevance and economic feasibility. Our extensive in-house expertise enables us to develop individual cell components to complex overall systems, consistently keeping the theme of "Renewable Energies" at the forefront.

<https://www.balticfuelcells.de/>



Hoeller Electrolyzer GmbH

With its innovative PEM technology, HOELLER Electrolyzer GmbH is developing the future source of green hydrogen. The innovative PEM electrolysis stack Prometheus is the result of more than 25 years of expertise and pioneering work by engineer, managing director and head of development Stefan Höller. With Prometheus, HOELLER is above all aiming to achieve convincing value for money, minimized hydrogen production costs, impressive maximum performance, outstanding service life and high hydrogen output pressure.

<https://www.hoeller-electrolyzer.com>