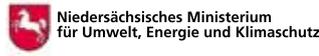
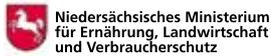


Kompetenzzentrum
Niedersachsen • Netzwerk
Nachwachsende Rohstoffe e.V.



LOWER SAXONY NETWORK OF RENEWABLE RESOURCES
MEMBERS AND SPONSORS





The 3N registered association is a centre of expertise which has the objective of strengthening the various interest groups and stakeholders in Lower Saxony involved in the material and energetic uses of renewable resources and the bioeconomy, and supporting the transfer of knowledge and the move towards a sustainable economy. A number of innovative companies, communities and institutions are members and supporters of the 3N association and are involved in activities such as the production of raw materials, trading, processing, plant technology and the manufacturing of end products, as well as in the provision of advice, training and qualification courses. The members represent the diversity of the sustainable value creation chains in the non-food sector in Lower Saxony.





The Lower Saxony Ministry for Food, Agriculture and Consumer Protection exists since the founding of the state of Lower Saxony in 1946.

The competences of the ministry are organized in four departments with the following emphases:

Dept 1: Agriculture, EU farm policy (CAP), agricultural environmental policy

Dept 2: Consumer protection, animal health, animal protection

Dept 3: Spatial planning, regional development, support

Dept 4: Administration, law, forests

Activities falling under the general responsibility of the ministry are implemented by specific authorities as 'direct' state administration.

In addition, additional responsibilities are undertaken by public institutions that are under the legal or expert supervision of the ministry.

The ministry is a founding member of the 3N centre of experts.

Contact details:

Niedersächsisches Ministerium für Ernährung,
Landwirtschaft und Verbraucherschutz
Calenberger Str. 2 | 30169 Hannover

Contact:

Ref. 105.1 Nachwachsende Rohstoffe und Bioenergie
Dr. Gerd Höher | Theo Lührs

Email: Gerd.hoeher@ml.niedersachsen.de

Email: Theo.luehrs@ml.niedersachsen.de

Further information: www.ml.niedersachsen.de



Contact details:

Niedersächsisches Ministerium für Umwelt, Energie
und Klimaschutz
Archivstraße 2 | 30169 Hannover

Contact:
Referat 52, Erneuerbare Energien,
Energieeffizienz, Speicher
Dr. Anke Griefße

Email: Anke.Griesse@mu.niedersachsen.de

Further information: www.umwelt.niedersachsen.de



Niedersächsisches Ministerium
für Umwelt, Energie und Klimaschutz

In environmental policy, and particularly its social, economic and technological orientation, the government of Lower Saxony focuses on the key idea of sustainability. Accordingly, at the Ministry for Environment, Energy and Climate Protection (MU) we strive to keep a balance between the three components of sustainability: social justice, the environment and economics. The change in Germany's energy policy, withdrawing from coal and nuclear power to embrace the age of solar power, simultaneously promotes economic and employment policies and enables us to turn away from constantly rising global market prices for increasingly limited fossil fuels. We believe in dialogue, cooperation, participation and shared decision-making. We want to boost regional markets and strengthening small and medium-sized enterprises. In so doing, we can reshape and renew our state of Lower Saxony and its society. Whether we succeed in mastering the challenges facing us with respect to the environment, climate and energy will largely depend on support from the population. Only then will we be able to find sustainable solutions based on solidarity. Therefore we invite everyone to get involved.





The regional district of Emsland extends from the North Rhine-Westphalian border near Rheine to the border of East Friesland near Papenburg. It is therefore the biggest district in Lower Saxony and is larger than the federal state of Saarland.

The main arterial road is the »Ems axis« running from North to South, which is fast turning into a dynamic transport and economic area in the Trans-European Network. Until the late 1970s, Emsland was predominantly agricultural, whereas today modern industrial and commercial companies play a major role in providing employment. Attractive offers for short breaks, along with excellent cycle paths and canoe trails, have made Emsland into an interesting and successful holiday region.

Emsland regularly finds itself among the leaders in Lower Saxony or Germany, whether in the field of renewable energies, family-friendliness or business momentum. Emsland was honoured as »municipality of climate 2014«. The district is a founding member of the 3N centre of experts and initiator of the Climate Center in Werlte.



Founded: 1977 of the districts of Aschendorf-Hümmling, Meppen and Lingen
 Employees: 1,279 (30.06.2014)
 Activities : Public administration
 Location: District Hall in Meppen
 Offices: District Administration in Meppen, branches in Lingen (Ems) and Aschendorf

Contact details:

Landkreis Emsland
 Ordeniederung 1 | 49716 Meppen
 Further information:
www.emsland.de
www.emsland.info



The largest part of Lower Saxony's forests, 330,000 hectares, is state-owned and managed by the company Niedersächsische Landesforsten (NLF). Practical forest management takes place in the woodlands themselves and is the front-line job of the wardens in the 24 forestry offices and the 230 sections of forest (»beats«). In addition, NLF, as a service provider, manages 85,000 hectares of woodland belonging to the municipalities and forestry cooperatives. NLF runs a successful business operation and has an annual turnover of approx. EUR 113 million. Management of wooded areas proceeds according to the basic principle of »long term ecological forest development in the state forests« and adherence to the Programme for the Endorsement of Forest Certification (PEFC). A quarter of our wooded areas are EU Natura 2000 sites. Every year hundreds of thousands of children, young people and adults visit our forest experience facilities. They take part in guided tours, project days, exhibitions and trade fairs or activities lasting several days, such as youth forest action programmes and class trips to forest educational centres to learn about and the forest. Last but not least there are countless numbers of people who come to our woodlands seeking rest and recreation.



Forestry at its best

Founded: 2005

Employees: 1,300

Sector: forestry

Special competences: Sustainable wood production, nature conservation in forests, hunting, near-natural services, forest-related education

Contact details:

Niedersächsische Landesforsten

Husarenstraße 75 | 38102 Braunschweig

Contact: Klaus Jänich

Email: jaenich@nlf.niedersachsen.de

Further information: www.landesforsten.de

Founded: 1971
 Professors | Employees: 178 | 390
 Function: University of Applied Sciences and Arts
 with 35 courses
 Locations: Hildesheim | Holzminden | Göttingen

Contact details:

HAWK Hochschule für Angewandte Wissenschaft und
 Kunst Hildesheim, Holzminden, Göttingen
 Fakultät Ressourcenmanagement,
 Fachgebiet Nachhaltige Energie- und Umwelttechnik

At the cutting edge of practical applications



HAWK

HOCHSCHULE
 FÜR ANGEWANDTE
 WISSENSCHAFT
 UND KUNST
 Hildesheim
 Holzminden
 Göttingen

University of Applied Sciences and Arts (HAWK)
 Hildesheim/Holzminden/Göttingen

Teaching and research at HAWK are applied and practice-related. Currently around 5,500 students are enrolled in 21 bachelor's and 14 master's courses at the three campuses in Hildesheim, Holzminden and Göttingen.

Research occupies a high position at HAWK. The volume of third-party funding raised for research projects at present totals EUR 5.6 million. Applied research is therefore also an important basis for applied teaching, as the methods and results flow directly into the classroom. Students also have an opportunity to participate directly in research projects. Generally speaking, HAWK's self-understanding is that of a university offering its students a high level of service. This includes small semester groups, individual supervision by lecturers, a wide range of continuing education programmes outside their own degree course, and international exchange projects.

Contact: Prof. Dr. Achim Loewen | Prof. Dr. Stefan Holler
 Email: achim.loewen@hawk-hhg.de
 Email: stefan.holler@hawk-hhg.de
 Rudolf-Diesel-Str. 12 | 37077 Göttingen
 Further information: www.hawk-hhg.de



The scattered community of Werlte is situated in the attractive Hümmling region. Originally a farming community, Werlte is now changing culturally and economically at a great pace. In recent decades, it has developed a multi-faceted business life due to its numerous small and medium-sized businesses: contractors in different trades, and commercial and industrial firms.

In 2011 the scattered communities of Lathen, Nordhümmling, Sögel and Werlte joined together as »Naturstandpunkt Hümmling« to forward activities and measures for climate protection and sustainable development of the area with combined force. In this context the scattered communities dispose already of a very high concentration of expertise in the field of renewable energies. Numerous initiatives, projects and companies act as a role model - regionally, nationally and beyond the borders of Germany. With its ambitious concept for climate protection the communities want to reach carbon-neutrality until 2020.



Scattered community of Werlte: 16,200 inhabitants
 Area: 200.1 sq km
 Membercommunities:
 Werlte, Vrees, Lahn, Lorup und Rasdorf
 Further information:
www.naturstandpunkt-huemmling.de

Contact details:

Gemeinde Werlte
 Am Markt | 49757 Werlte
 Contact: Ludger Kewe
 Email: kewe@werlte.de
 Further information: www.werlte.de

Inhabitants: 9,500

Area: 63.76 sq km

Contact details:

Gemeinde Werlte

Am Markt | 49757 Werlte

Contact: Ludger Kewe

Email: kewe@werlte.de

Further information: www.werlte.de



Werlte as a place is full of energy and innovation. Renewable energies, sustainable mobility and energy efficiency are central issues for the future and are being tackled here with local research and application projects. The Climate Center in Werlte is unique in Germany. It is a model house with informative displays on renovation and renewable energy technology. You can also find practical tips for saving energy. In summer 2013, the Audi-egas-plant - the first large-scale plant for the manufacture and feed-in of synthetic natural gas - went into operation. The Werlte-based vehicle plant Bernard Krone stands for innovative motor vehicle technology and has, for example, committed to a new energy-efficient logistics approach. The municipality Werlte is a founding member of 3N centre of experts and together with the regional district of Emsland initiator and owner of the Climate Centre. The municipality in the north-east of the district of Emsland also is the administrative headquarter of the scattered community of Werlte.





AGRAVIS Raiffeisen, a German public limited company, is a modern trading company in the core segments of agricultural products, animal feed, crop cultivation and farm equipment. It is also active in the fields of energy, building services and Raiffeisen markets.

The AGRAVIS Raiffeisen generates revenue of over EUR 7.5 billion and is a leader in the agricultural sector with over 400 sites, mainly in Germany. That includes ideas on the use of renewable energy sources. TerraVis GmbH, a limited liability subsidiary of AGRAVIS Raiffeisen, is a competent partner for every step in biogas production process. GeLa Energie advises, brings together and represents biogas, wind power and photovoltaic plant operators when they are moving into direct marketing of electricity. Raiffeisen Bio-Brennstoffe is a high-tech service provider for the wood pellet sector, also for wood chips and biomass. AGRAVIS Raiffeisen is internationally active in over 20 countries via subsidiaries and holdings and exports to over 100 countries worldwide.



Founded: 2004
 Employees: 6,000
 Sector: Agribusiness
 Head offices: Münster and Hanover
 Special competence:
 All-round service portfolio for agribusiness

Contact details:

AGRAVIS Raiffeisen AG
 Industrieweg 110 | 48155 Münster
 Contact: Dr. Philipp Spinne
 Email: philipp.spinne@agravis.de
 Further information: www.agravis.de

Founded: 2004

Employees: 25 employees, 24 free-lance workers
Special competences: Technical service, monitoring the biological process, operational control systems, safety checks of other companies' biogas plants

Contact details:

CornTec GmbH

Lohberg 10a | 49716 Meppen

Contact: Hermann Rugen

Further information: www.corntec-energie.de



CornTec, a limited liability company, has operated 14 biogas plants all over Germany. They have a total installed capacity of over 10 megawatts and were financed and built by the company.

New lines of business have been developed. Besides servicing its own plants, since 2007 CornTec has been offering technical service support to operators of biogas plants manufactured by other companies. This year it is offering them technical support in the safety area. CornTec's safety engineers, with their expertise and competence, are successfully helping them through the technical safety certification tests.

CornTec used all its experience from operating to develop a 75 kilowatt »kleinvieh« biogas plant. Implementing this idea was still a challenge. The modular process allows for individual adjustment to the customer's circumstances. As well as the planning and licensing of the plant, CornTec also takes on the commissioning and monitoring.





The DEULA Nienburg has been located in Nienburg since 1962 and has existed as a non-profitable limited corporation since 1992. Its three shareholders are the Chamber of Agriculture of Lower Saxony, the Administrative District of Nienburg and the Union of Garden, Landscapes and Sports Grounds Construction in the Lower Saxony/Bremen.

The DEULA Nienburg is a reputable partner in the sphere of vocational and advanced trainings with a land of 6 ha, and modern, well-equipped classrooms and training rooms with more than 9,000 sq m of training facilities and it also has a furnished hotel. It has annually 10,000 visitors and participants.

The DEULA Nienburg can offer the following topics:

- Biogas
 - Biology of biogas/Pumps and mixing machines/Maintenance and service of the equipment /Accident prevention
 - Alternative heating facilities
Pellet-, grain-, wood- heating, CHP, Equipment for the unit heat exchange station, Geothermics, Solar heating energy
 - Alternative fuel
Use of the plant oil in the field-engines and trucks, Biodiesel
- Cultivation of renewable raw materials
- Crop selection, Plant nutrition and protection



Founded : 1962

Employees: 80

Special competence:

Since 1998 the DEULA Nienburg has built up a verified quality management system according to the DIN EN ISO 9001 and moreover has a certificate as a representative of the employment incentives policy.

Contact details:

DEULA Nienburg

Max-Eyth-Str. 2 | 31582 Nienburg

Contact: Bernd Antelmann

Email: bernd.antelmann@deula-nienburg.de

Further information: www.deula-nienburg.de

Founded: 1998
 Employees: 976 + 150 annual
 Sector: producer of potato starch

Contact details:

Emsland-Stärke GmbH
 Emslandstr. 58 | 49824 Emlichheim
 Contact: Hans-Dieter Beckmann | Hermann-Josef Melcher
 Email: HDBeckmann@emsland-group.de
 Email: HJMelcher@emsland-group.de
 Further information: www.emslandstaerke.de



The Emsland Group is Germany's largest producer of potato starch and a global leader in the manufacture of refined starch products. »Using nature to create« - this guiding principle characterizes the corporate philosophy of the Emsland Group. Harvested raw materials are processed into innovative, trendsetting quality products in tune with nature.

Approximately 1.5 million tons of potatoes are processed into native starch or starch derivatives by the company. When processing potatoes, all by-products and residual products are recycled into high-quality product solutions for the processing industry. In addition, our energy requirement is covered solely by renewable resources. When it comes to sustainability, the Emsland Group is a pioneer in the industry. We have already developed flocculants for use in environmental technology in our modern research and development laboratories. Based on positive practical tests the Emsland Group's strategy is firmly focused on the areas of sewage sludge processing, manure processing and digestate treatment as prospective markets in the environmental technologies sector. Please do not hesitate to contact us if we have sparked your interest.

enercity
contracting

enercity Contracting GmbH (eCG) is a nation-wide heating contractor with its head office in Hanover. The 100% subsidiary of Stadtwerke Hannover AG plans, constructs and runs power stations and heating systems for customers in the housing industry, for private property owners and for industrial and commercial enterprises, as well as for public institutions.

Nationwide, in over 100 municipalities, eCG operates approx. 1,200 heating plants and CHP units with a thermal capacity of 615 megawatts (MW) and a power capacity of 13 MW. That means an annual output of 763 gigawatt hours (GWh) of heat and cold and 71 GWh of electricity. In the business segment CNG (natural gas as a fuel) we give advice and information on the cost-efficient use of natural gas and/or electric vehicles in the context of e-mobility. We run five natural gas stations and several e-vehicle recharging points in the Hanover region.



Founded: 2008
Employees: 73
Turnover: EUR 84 million

Contact details:

enercity Contracting GmbH
Glockseestr. 33 | 30169 Hannover
Contact: Dr. Manfred Schüle
Email: info@enercity-contracting.de
Further information: www.enercity-contracting.de



Founded: 1908
Employees : 85
Special competences: Peat extraction,
renaturing, producing our own substrates
and potting soils



GRAMOFLOR

qualität von anfang an!

Our company's combined services:

- Responsible extraction of peat
- Renaturation of peat deposits formerly used for agriculture to living mires
- Production of high-grade substrates for commercial growers and selected potting soils for commercial growers and garden store outlets, using peat and renewable raw materials
- Distribution of high-grade soils and related products

Contact details :

Gramoflor GmbH & Co. KG
Diepholzer Straße 173 | 49377 Vechta
Contact: Josef Gramann
Email: info@gramoflor.de
Further information: www.gramoflor.de



The Oldenburg Chamber of Crafts represents as a self-governing public corporation the interests of about 12,400 craft enterprises in the Oldenburg region with respect to politics, administration and the economy, and is active in the field of regulatory measures. An example of this is its involvement in the development and support of initiatives for the creation of appropriate operating conditions for craft enterprises and small businesses.

The Chamber provides advice to its member enterprises on questions of legal and operational issues as well as in the fields of innovation and technology. In addition to this, it supports the training enterprises and trainees on questions of educational activity. In the Centre for Occupational Training of the Chamber of Crafts, the vocational training programmes for prospective carpenters, painters and varnishers, sales managers as well as metal workers are made available. For adults, comprehensive further and professional training courses are offered and carried out.

**Contact details:**

Handwerkskammer Oldenburg
Theaterwall 32 | 26122 Oldenburg
Email: info@hwk-oldenburg.de
Further information: www.hwk-oldenburg.de

Founded: 1900
Employees: 160
Offices: Osnabrück, Lingen, Meppen,
Papenburg, Nordhorn
Special competences:
Education, advice, advocacy



Chamber of Trades
Osnabrück-Emsland-Grafschaft Bentheim

The Chamber of Trades is incorporated under public law and provides many services for its members. These services are regulated by the Trades Code (HwO).

The Chamber of Trades operates vocational training and technology centres for the training and continuing professional development of its approximately 10,600 member companies, with around 90,000 employees. These centres are located in Osnabrück, Lingen, Meppen, Papenburg and Nordhorn.

Contact details:

Handwerkskammer Osnabrück-Emsland
Bramscher Str. 134-136 | 49088 Osnabrück
Contact: Sabrina Wurm
Email: s.wurm@hwk-osnabrueck.de
Further information: www.hwk-osnabrueck.de



The district administrations of Cloppenburg, Diepholz, Oldenburg, Osnabrück and Vechta have combined to create the growth region Hansalinie, in order to achieve positive effects for the enterprises in the area and to strengthen the economic region. Together with enterprises, universities and other relevant institutions, the aim is to expand and consolidate the particular regional competencies and local skills. The focus of the joint project is on five regional fields of competence.

Each administrative district takes responsibility for different projects in a particular field of competence for the whole region:

food production – Vechta district;

synthetic materials production – Diepholz district;

logistics Cloppenburg district;

plant and machinery - Osnabrück district;

environmentally friendly technologies - Oldenburg district.

The growth region Hansalinie is one of the strongest growth regions in Germany.



Growth region Hansalinie – a strong region

Founded in 2007

Contact details:

Wachstumsregion Hansalinie e.V. (office)

Landkreis Cloppenburg

Eschstrasse 29 | 49661 Cloppenburg

Contact: Hans-Werner Aschoff

Email: info@hansalinie.eu

Further information: www.hansalinie.eu

Contact details:

Haus der Bauwirtschaft

Address: Baumschulenallee 12 | 30625 Hannover

Postal address: Postfach 610169 | 30601 Hannover

Contact: Wilhelm Reihl

Email: vnz@bvn.de

Further information: www.bvn.de

Information and addresses of specialist enterprises:

www.zimmermeister-modernisieren.de



In the nineteenth century, Mark Twain expressed his surprise that the Germans chose to live in stone dwellings even though they were surrounded by woodland and with that, a plentiful supply of renewable building material. Because houses constructed with the natural material wood provide an excellent indoor climate, they are experiencing a real renaissance at present in Germany. Many of the house designs prove that in no way have traditional forms continued to dominate, but that futuristic concepts are able to create a warm and natural interior. For the realisation of a timber house, generally the involvement of a master carpenter is important. However, challenging timber designs are not just applicable to new constructions. House extensions can also be simply constructed using timber. A new building element can be added to an existing construction creating an attractive unity. In this way, the contrast between stone and wood can even accentuate the special qualities of both building types.





Janssen Holzbau GmbH, based in Werlte, is a wood-processing industrial plant that is a leading manufacturer of nail plate binders in northern and central Germany. The company supplies wood constructions in the segments nail plate binders, contract joinery and timber-frame construction. Holzbau Janssen acts as a partner to the carpentering, roofing and building trades, delivering the roofing and construction elements to the building site in its own vehicles.

The company supports its customers in planning the roof truss and offers regular workshops on mounting the nail plate binders. Both the verifiable statics and detailed technical drawings are prepared in the company's own engineering department, and made available to the assembly contractors. The nail plate constructions bear the Ü-symbol, the CE label from HFB Engineering GmbH, inspectors for building materials and construction elements, and also the RAL quality label from the quality-information group for nail plate users. Janssen Holzbau GmbH has lived up to its responsibility towards the environment for many years now.



We value and live from tradition

Founded: 1934

Employees: approx. 50

Special competence: The company's own engineering department produces verifiable statics and detailed technical drawings.

Contact details:

Janssen Holzbau GmbH

Bahnhofstr. 93 | 49757 Werlte

Contact: Rolf Janssen

Email: info@holzbau-janssen.de

Further information: www.holzbau-janssen.de

Founded: 1959

Employees: 30

Sector: Forestry services

Special competences: We have been awarded the traditional German »RAL quality label for forest work and landscape care« and also offer our services in the public sector.

Contact details:

Hüttmann GmbH | Nottorfweg 15 | 29614 Soltau

Contact: Joachim Hüttmann

Email: info@jh-dienste.de

Further information: www.jh-dienste.de



It all started as a one-man operation founded by Fritz Hüttmann in 1959. 34 years later: now 30 people work there all year round in rural and forestry services.

We offer our services at the regional level in the area of agriculture and in the forestry area, also in states adjoining Lower Saxony.

We have been active in the forestry sector focused on the process chain of wood chip production. This wood originates from wood felled through woodland and landscape care, whether small quantities or large quantities for regular delivery to heating contractors. By short-rotation coppices we mean the planting of fast-growing trees like poplars and willows on agricultural land.

We will be pleased to give you advice on preparing the sites. We are a member of the state association of contractors (Landesverband Lohnunternehmen) and in 2006 were recognised as a training company for »skilled agricultural service workers«. Since then we have continued to train candidates for this qualification. We are registered as a commercial goods haulage company and can thus also transport non-agricultural loads by lorry or semi-trailer.



The Chamber of Industry and Commerce for Osnabrück, Emsland and Bentheim County is a professional corporation under public law. It represents the interests of its approximately 60,000 member companies from the fields of industry and commerce towards the authorities, policy-makers and the general public. Geographically speaking, the Chamber's area of responsibility covers the city of Osnabrück and the rural districts of Osnabrück, Emsland and Bentheim County.

The above region has recently experienced an above-average economic growth. In the period from 2000 to 2012 its gross domestic product increased by 40%.

Industry plays a major role in the region, 37% of the working population is employed in this sector.



Founded: 1866

Employees: 75

Contact details:

IHK Osnabrück - Emsland - Grafschaft Bentheim

Neuer Graben 38 | 49074 Osnabrück

Email: ihk@osnabrueck.ihk.de

Further information: www.osnabrueck.ihk24.de



Founded : 1900
Employees : 85
Special competences: Services and advocacy for the
business community in the Oldenburg region

Contact details:

Oldenburgische Industrie- und Handelskammer
Moslestr. 6 | 26122 Oldenburg
Email: info@oldenburg.ihk.de
Further information: www.ihk-oldenburg.de



Oldenburg Chamber of Industry and Commerce

We are service providers for our members. We put our member companies first and gear our goals, our work and our organisation to their interests.

We understand our job as providing services, on a customised basis. We also fulfil out statutory obligations, practically and effectively. We are credible to our members due to the quality of our offering. We are the voice of the regional business community. We gather together the interests of the companies in the Oldenburg region and represent them strongly to politicians and society. We rely on an active and cooperative partnership and offer all entrepreneurs influential networks, achieving more together. We stand up for the values and principles of the Honourable Merchant.

Our areas of business

- Site policy
- Starting up and company support
- Training and continuing professional development
- Innovation and the environment
- International
- Law and taxes



Klasmann-Deilmann is the leading corporate group in the international substrate industry, with sales and production companies in Europe, Asia and America. On all continents, our cultivation substrates form the essential basis for the growth of plants and the success of our business partners and clients in large-scale horticulture.

Currently we are developing extensive activities in the area of renewable energies and sustainable raw materials. In this, we rely on the skills we have gained over several decades in the cultivation of large areas, as well as in the use of biomass, and we exploit synergies between the different activities. Our measures for environmental protection include the rewetting and conversion of several thousand hectares of former peat extraction land back into a typical marshland.

Our ambitious sustainability strategy includes reporting according to GRI standards and a CO₂ balance verified according to ISO 14064, which provide the basis for the further development of our business.



*Looking forward
to a sustainable shared future*

Founded : 1913

Employees : 910 globally

Special competences: Cultivation substrates, large-scale horticulture, renewable energies, sustainable raw materials

Site: Geeste (company headquarters), five sites in Germany and further subsidiaries worldwide

Contact details:

Klasmann-Deilmann GmbH

Georg-Klasmann-Straße 2-10 | 49744 Geeste

Contact: Moritz Böcking

Email: moritz.boecking@klasmann-deilmann.com

Further information: www.klasmann-deilmann.com

Contact details:

Klosterkammerforstbetrieb - Klosterforsten
Hindenburgstraße 34 | 31319 Sehnde

Contact:

Constantin von Waldthausen

Email: info@klosterforsten.de

Further information: www.klosterkammer.de



KLOSTERFORSTEN

The Klosterkammer is one of the oldest authorities in Lower Saxony and is steeped in tradition, administering the trusts of four medieval monastic estates. The forestry operations of the Klosterkammer make a considerable financial contribution to the maintenance of social and cultural institutions as well as to monastic properties and foundations in Lower Saxony. Today, the forestry enterprise of the Klosterkammer is, not counting the state forests, the biggest commercial single forestry enterprise in Germany and is a raw materials supplier for regional and national timber processing enterprises. The main activities include not just timber production but also modern silviculture and numerous projects for the protection of nature, the environment and water. The forestry operations of the Klosterkammer support the material use of wood and innovative wood products as an active member of the Lower Saxony state marketing fund for timber.





KWS is one of the world's leading plant breeding companies. In fiscal 2012/13 KWS generated net sales of over EUR 1.1 billion. It has some 4,400 employees and a footprint touching more than 70 countries. For more than 160 years KWS as a family-based company is run independently. A major focus is plant breeding, production and sale of seeds of corn, sugar beets, cereals, potatoes, oilseed rape and sunflower. The annual expenses for R&D amount to around 15% of the net sales. KWS uses modern plant breeding methods to improve the return as well as resistances of diseases, parasites and abiotic stress.

**Contact details:**

KWS SAAT AG
Grimsehlstraße 31 | 37574 Einbeck
Contact: Ulrike Jeche
Email: ulrike.jeche@kws.de
Further information: www.kws.de

Founded: 1951
 Employees: 220
 Head office: Hanover and 13 district offices
 across Lower Saxony

Contact details:

Ländliche Erwachsenenbildung in Niedersachsen e.V.
 Am Bremer Dreh 1 | 49406 Barnstorf
 Contact: Cord Remke
 Email: remke@leb.de
 Further information: www.klimaschutz-leb.de
www.leb.de



The registered association for rural adult education in Lower Saxony (Ländliche Erwachsenenbildung e.V. - LEB) is recognised under Lower Saxony Adult Education law. LEB has more than 50 member associations and organisations, including 36 district working groups operating on a voluntary basis, which link up over 2,000 groups and associations. Thus LEB co-ordinates and is responsible for the largest educational network in Lower Saxony.

We offer a variety of educational programmes

Currently LEB is focusing on climate protection and renewable energies. As well as continuing vocational training for the qualification as »Specialist for decentralised and municipal energy systems – energy and climate protection manager« LEB has an extensive range of courses available in the area of continuing and further vocational training in the climate protection issue.

In its courses for the biogas sector LEB has been working for the last fifteen years to improve the competencies of the operators and their workers' skills. Offering these programmes LEB is the federal leader and attracts participants from well beyond the borders of the state of Lower Saxony.



The public limited company Nordzucker, headquartered in Braunschweig, is Europe's second-largest sugar manufacturer. It also produces bioethanol and animal feed from sugar beet. 18 production and refinement sites throughout Europe form the technical, logistic and geographical foundation for its continued success. A total of around 3,300 employees are committed to providing excellent products and services.



Founded: 1838
Employees: approx. 3,300
Sector: Animal feed, sugar production
Head office: Braunschweig
Special competences: Sugar manufacturing, bioethanol, animal feed

Contact details:

Nordzucker AG
Küchenstraße 9 | 38100 Braunschweig
Contact: Dr. Piotr Wawro
Email: piotr.wawro@nordzucker.de
Further information: www.nordzucker.de

Founded: 1871

Employees: Approx. 500, nearly 300 in Germany

Turnover: approx. EUR 60 million

Contact details:

Putsch® GmbH & Co. KG

Industriestrasse 14 - 22 | 27404 Zeven

Contact: Oliver Kerber | Mike Brackelsberg

Email: OKerber@putsch.com

Email: MBrackelsberg@putsch.com

Further information: www.putsch.com



The Putsch® Group can look back over a long and successful history. In over 140 years of existence, the Putsch® Group has developed into a successful technology group thanks to the following characteristics: continuity, creativity, high quality, customer service and experience.

In 2000 Putsch extending its range of products and competences and moved into the delivery, storage, transportation and processing of crops of all sorts, and sugar beet in particular. The bio-energy department was founded in 2008 for the processing of root crops. The processing techniques, i.e. cleaning, separating and chopping up are used in bio-gas plants and agricultural businesses. The technology has been continuously adapted to the needs and demands of the market and thus the former »bio-energy department« has become today's Putsch© department Agrar & Energie.

In 2012, in order to provide faster and more comprehensive customer service for customers in Russia, Putsch® opened a branch office in Moscow and a delivery depot in the Russian city of Voronezh/RU. In 2013 Putsch® extended its range of products for sugar beet factories by purchasing the Norwegian manufacturer of chip presses.



The present Raiffeisen Retail Cooperative Emsland-South (registered cooperative) can look back over a 100-year history of successful cooperative achievement. In the course of this time, the cooperative has developed into a modern production, trading and service enterprise with 730 members. The Raiffeisen Retail Cooperative Emsland-South supplies its customers with a full range of agricultural requisites. Another focus of the organisation is on the area of renewable energy. Together with eighty farmers from the region, it operates seven biogas plants with a total of 3.6 MW of installed electrical output and thirty wind turbines with a total of about 50 MW installed electrical output. As well as the Cooperative, there are over 200 customers and residents in the region who are partners in the wind turbine project. By means of the Ge-la-Energie limited company, over 500 biogas plants and 150 wind and PV partners are assisted with the direct marketing of electricity. In Emsland, meat processing is a major industry and in order to help the farmers with the utilisation of organic fertiliser, the Cooperative operates a nutrient exchange system. In addition, slurry and fermentation residues are processed so that these can be more easily transported.



Founded in 1908

Employees: 100

Areas of activity: agriculture, trade, cooperative

Special competences:

Commodity and service enterprise

Contact details:

Raiffeisen-Warengenossenschaft
Emsland-Süd eG

Lingener Straße 20 | 48480 Lünne

Contact: Bernhard Temmen

Further information:

www.raiffeisen-emsland-sued.de

Founded: 2009

Members: 5

Special competence:

Forest management is along the lines of the LÖWE programme (=long-term ecological forest development) of the State of Lower Saxony. The Foundation forest also follows the social conditions of the Programme for the Endorsement of Forest Certification Schemes (PEFC).



Besides the proprietor of monasteries, churches, manors and financial investments, the Foundation for Braunschweig cultural property (SBK) also owns 5,360 ha of woodlands. This makes it one of the largest forest-owners in Lower Saxony.

Since 2009 the SBK has managed its forests with the aid of external forestry companies. The Foundation woodlands consist of three forest warden's offices. Nature protection, wood volume conservation, marketing and environmental education are different facets of the work connected with the Foundation woodlands. 26,500 cubic metres of saleable wood are harvested every year. Earnings then accrue to the Foundation for its statutory purpose.

The style of management is based on the SBK's Foundation law of 16 December 2004, which stipulates sustainability, orderly management and the optimum profitability.

Contact details:

Stiftung Braunschweigischer Kulturbesitz Stiftungswald
Löwenwall 16 | 38100 Braunschweig
Further information: www.sbk-bs.de



VGH is the largest public insurer in Lower Saxony. Based in Hanover, it offers comprehensive insurance for people, property and assets in all areas of insurance: private, business, industrial, agricultural and municipal. The company has revenue from contributions of approx. 1.9 billion per annum, making it the market leader in this business sector. Around 1.8 million customers place their trust in VGH, including two thirds of agricultural businesses in Lower Saxony.

Eleven regional offices manage the sales and see that the customers' needs are met quickly by local experts and contacts. They cooperate with some 600 independent insurance agents with around 1,400 employees. Altogether about 4,500 people work directly or indirectly for VGH.

Such a degree of market penetration comes with a high level of responsibility. Since it was founded in 1705 the core values of VGH have been sustainable management, environmental responsibility, concern for public welfare and social involvement. And so from the very beginning the company was fully aware of its responsibility when it decided to lend its support to the 3N centre of experts.

**Kontakt:**

VGH Versicherungen

Schiffgraben 4 | 30159 Hannover

Contact:

Bernd Hansmann

Email: bernd.hansmann@vgh.de

Further information: www.vgh.de

Employees: 570,000 people worldwide
production plants: 106 in 27 countries

Contact details:

Volkswagen Aktiengesellschaft Konzernforschung
38436 Wolfsburg

Contact:

Dr.-Ing. Martin Lohrmann

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VOLKSWAGEN

AKTIENGESELLSCHAFT

The Volkswagen Group with its headquarters in Wolfsburg is one of the world's leading automobile manufacturers and the largest carmaker in Europe. In 2013, the Group delivered 9.7 million cars to customers.

The Group comprises twelve brands from seven European countries: Volkswagen Passenger Cars, Audi, SEAT, ŠKODA, Bentley, Bugatti, Lamborghini, Porsche, Ducati, Volkswagen Commercial Vehicles, Scania and MAN.

Each brand has its own character and operates as an independent entity on the market. The product spectrum ranges from motorcycles to small cars and luxury vehicles, from buses to heavy trucks.

The Volkswagen Group is also active in other fields of business, manufacturing large-bore diesel engines, turbomachinery or chemical reactors and offers a wide range of financial services.

The Group's goal is to offer attractive, safe and environmentally sound vehicles which can compete in an increasingly tough market and set world standards in their respective class.



Having planned or built more than 300 biogas plants so far, WELTEC BIOPOWER GmbH is a pioneer in gas plant manufacture and has developed into one of the world leaders in the supply of biogas plants. WELTEC makes fermenters of stainless steel. This guarantees that a plant will last a long time. The plants are constructed using modules. The vertical range of manufacture also guarantees a constant high standard wherever it is located and provides an export rate which stays above average for the sector. WELTEC's comprehensive service package ensures the technical and economic stability of the gas plants. Plant operators can select from various kinds of service packages with different levels of maintenance. Servicing combined heat and power (CHP) units guarantees steady output: biological support ensures complete monitoring of the relevant process parameters and, thanks to targeted re-powering, the biogas plant is constantly updated.



Founded: 2001

Employees: 80

Contact details:

Weltec Biopower GmbH

Zum Langenberg 2 | 49377 Vechta

Contact: Jens Albartus

Email: info@weltec-biopower.de

Further information: www.weltec-biopower.de

Contact details:

EWE Erneuerbare Energien GmbH
Tirpitzstrasse 39 | 26122 Oldenburg
Contact: Dr. Manfred Werner
Email: ManfredDr.Werner@ewe.de
Further information: www.ewe.de

*The intelligent
energy future
from one hand.*



The communal enterprise brings together the business fields of energy, telecommunications and IT – key competencies for intelligent systems. With a turnover of over EUR 8 billion, EWE is one of the largest communal enterprises in Germany. The operator of Europe’s most secure electricity and gas supply network as well as pioneer of wind energy and optimisation of biogas processing combines energy, telecommunications and IT with the necessary know-how for intelligent energy systems. EWE is the first enterprise which has consistently applied itself to this development and has access to all the key competencies required for a sustainable energy supply. The enterprise group has its own production capacities from renewable and conventional energies and operates modern and secure energy and telecommunications networks. The subsidiary company BTC counts as one of the most important IT service providers in Germany.



Klima center

Klima center

Informational signs in the garden area.

**Would you like to become a member of our network?
Please feel free to contact us!
We would be pleased to receive your inquiry.**

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