

Profil

Anselm J. Gleixner

★ 2nd February, 1951, married, two sons (17 and 23 years old), German

Successful mechanical engineer and practical business economist with sound knowledge of biogas technology and many years of experience in management. Managing director and responsible for the commercial interests of the engineering company INNOVAS in Munich



Following many years of work in responsible positions in mechanical engineering and automation technology since 1994, self-employed with the company INNOVAS. Responsible for the commercial management of the company, but also for sales, project development and project management of biogas, biodiesel and bioethanol plants. International business relationships and know-how transfer projects in particular fall within the scope of my responsibility.

Examples of professional experience over the past 12 years

Since 1994	Co-proprietors and Managing Director of INNOVAS GbR,
June/July 2006	Concept development of a 500 kW biogas plant for an farm in Hungary, within the scope of a Consultancy Agreement for a Hungarian energy contractor.
May 2006 to date	Technical planning of a 700 kW NaWaRo (renewable resources) biogas plant in co-operation with our North German business partner energie + konzept, Hamburg.
2005/06	Concept development and pre-planning of a waste management concept for an pig production with slaughter house and a flower mill at Alexandria (Thessaloniki), Greece, biogas plant with sterilization of slaughter waste according to ABP regulation (EC) No. 1774/2002, Specification of the interface to a root-spread waste water treatment.
January 2005 to May 2006	Development project with international participation, with the title, "The waste-free brewery". In this respect, leadership of the development part of the anaerobic technology for the fermentation of spent grain and other aqueous brewery waste for energy recovery. In combination with a carbonation plant, or biomass combustion.
2002 to 2005	Concept development, detailed planning and start-up of the biogas plant at Hamlar. Fermentation of herbal residues and other waste from food production. Three CHP (co-generation) units with a total electrical output of 1.1 MWel, with downstream SBR process water purification, Digester volume 2 ea. 1,880 m ³
2001/02	Concept development and planning of a biogas plant for 2,400 t/a poultry litter and 2000 t/a flotation fat, as well as process waste water from the poultry slaughterhouse of Wiesenhof GmbH in Möckern near Magdeburg. The biogas plant has been integrated into the existing infrastructure of the former sewage treatment plant, with use of gas in the district heating station ca. 1.5 km away
2001	Design of the new INNOVAS high-performance fermenter
1999 to 2003	Implementation of a know-how transfer project with a Japanese partner. Besides the training of employees and introducing them to anaerobic technology, the conclusion was the joint development and planning of a reference project up to the joint start-up of the biogas plant
1999	Planning and turnkey construction of a biogas plant for the co-operative "Agrar-energie Roding Genossenschaft e.G.", with interface to the district heating power station for gas utilisation and to a biomass combustion plant, as a component of a district heating supply. For the fermentation distiller's wash, liquid manure from cattle and agricultural biomass is used. Digester volume 1,400 m ³ . Start-up December 1999.

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1997/98	<p>Complete planning of a smaller biogas plant for the fermentation of distiller's wash, liquid manure from cattle and grass cuttings. Digester volume 300 m³.</p> <p>Establishing the interfaces to a district heating power station for gas utilization in CHP and to a biomass combustion plant, as a component of the energy supply for a residential complex.</p>
1997/98	<p>Basic evaluation and planning of a proposal for a biogas plant with energy concept for rational energy utilisation in the co-operative distillery and drying plant, "Genossenschaftsbrennerei und Trocknerei Altheim e.G.", near Landshut.</p> <p>The biogas plant was constructed for the exploitation of the own potato draff, pulp from starch production and liquid manure, with the addition of organic remains as co-fermentation for an entire year's utilisation of the plant and increase in the energy production.</p> <p>Planning of the biogas plant, implementation of the approval planning for a request for approval in accordance with the Federal Immission Control Act. Call for tenders for the construction works, implementation of the principal assembly and start-up of the fermenter. Digester volume 1,200 m³.</p>
1995/97	<p>Development and design of a briquetting press with a throughput of 8 t/h for the compacting and sterilisation of pre-sorted household waste. Consultancy on the construction of waste processing plants for these customers in Italy.</p>
1995/96	<p>Entire planning of a thermal solar plant with 88 m² commutator surface for the "Weise-Hof" housing estate in Unterhaching near Munich, for domestic water heating. In addition, the dimensioning of wood chip heating.</p>
1994/95	<p>Detailed planning of a biogas plant for an agricultural distillery in Taufkirchen near Munich. Implementation of the approval procedure of the complete ethanol plant</p>
Since September 1994	<p>Establishing of proprietary company INNOVAS, Innovative Energie- und Umwelttechnik GbR,</p> <p>This company offers planning for the following plants:</p> <ul style="list-style-type: none">Waste water treatment plants, biogas plants for the food industrybiomass combustion plants and solar plantswaste briquetting plants and waste conceptsbiodiesel plants, bioethanol plants, energy and industrial consultancy <p>Customers are:</p> <ul style="list-style-type: none">Distilleries, breweries and creameries; as well as slaughter houses and rendering plants.biodiesel and bioethanol plant operators.

EDUCATION

1976 to 1978	<p>Degree alongside professional experience, graduating as a practical business economist at the Jesuit College "Social Seminar" in Munich, graduated 1973</p>
1970 to 1973	<p>Following an apprenticeship as a precision mechanic, degree alongside professional experience, graduating as an engineer in Mechanical Engineering and Precision Engineering at the private institution "Private Höhere Technische Lehranstalt Kaiser" in Munich, graduated 1973</p>

PUBLIC RELATIONS WORK

Publications

Besides over 20 specialist lectures, both within Germany and abroad, many articles have also been published in specialist journals. The following topics are extracts, by way of example:

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- **VDMA (1997)** – Participation in the research group and involvement in the working group for the creation of the VDMA Standard Sheet 24435 “Plants and components for the anaerobic treatment of waste”
- **Lectures:**
 - Presentation at the 2nd North German Biogas Conference, Hildesheim (2005), topic: “Biogas technology – pre-preparation with separation and hydrolysis”
 - Presentation at the Lithuanian-German Symposium on Energy and Environmental Technologies, Lithuanian University of Agriculture, Kaunas (2005), topic: “ Biogas technology for mono-fermentation of organically residues”
 - Presentation at the Agricultural Co-operation Seminar on bioethanol and energy production in agricultural distilleries, Banz Convent, Bad Staffelstein (2004) Topic: “Consequences of the EEC – Distillery and Biogas (combinations, costs, synergies)”
 - Presentation at the Biogas Conference “Integrated Energy Generation from NaWaRo’s“, Hildesheim (2004) Topic: “ (translated: Biogas and distillery – a synergetic relationship)”
 - Presentation at the information event of the Distillery Association on the topic of bioethanol and energy generation in medium-sized agricultural distilleries, Pschorr-Keller Munich (2004), topic: “Distillery and biogas (Consequences of the EEC)”
 - Presentation at the Congress Fair AgroBalt 2003, Vilnius, Lithuania (2003), Topic: “Practical experiences with Biogas production plants for the fermentation of mono-substrates/residues in food processing”
 - Topic: “Biogas Production out of Distillers’ Grains“ presentation at the 12th Witzenhausen Conference “Energy Turning Point – Chances for Agriculture, Witzenhausen (2003), topic: “Higher value creation of a biogas plant through process optimisation”
 - 8th Berlin Distillers’ Day of the Experimental Station and Educational Establishment for the Manufacture of Spirits and Fermentation Technology in Berlin (VLSF), (2001), topic: “Biodiesel as an alternative or supplement for distilleries”
 - Peking, China, Chinese MSW Treatment Study Seminar (2000), Topic: “High Efficiency Waste to Energy System for MSW Treatment”
 - 6th Berlin Distillers’ Day of the Experimental Station and Educational Establishment for the Manufacture of Spirits and Fermentation Technology in Berlin (VLSF), (1999), Topic: “Examples of application of biogas plants”
 - Series of lectures within the scope of “Green Week”, Berlin, (1998), topic: “Experiences with biogas plants in the food industry taking the example of a distillery”
 - Sixth Symposium on Biofuels and Environmentally Friendly Energy Management, OTTI Technology College, Regensburg (1997), poster contribution and compendium, topic: “Biogas Generation from Waste Materials from Food Production”
 - 4th Berlin Distillers’ Day of the Experimental Station and Educational Establishment for the Manufacture of Spirits and Fermentation Technology in Berlin (VLSF), (1997), topic: “Possibilities for conservation of energy in a distillery”
 - Korea-Germany Joint Seminar on Waste Recycling Technology, Seoul, Korea (1994), topic: “Processing Plant for Food Leftovers.”

Anselm Johann Gleixner

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10th June, 2006