



IBBK
BIOGAS

Internationales Biogas und Bioenergie Kompetenzzentrum
International Biogas and Bioenergy Center of Competence

List of References - Consulting

Since 2001 IBBK has been giving technical advice on several biogas and AD technologies in numerous feasibility studies, and has made preliminary planning for biogas and bioenergy projects nationally and internationally.

Enclosed a list of selected project for which IBBK has provided its expertise, ranging from consulting, to feasibility studies to plant design.

Client: **Regional Ministry for Agriculture and Rural Affairs MLR of Baden-Württemberg**

Mandate: *Advisory for the 900 existing agricultural manure and co-digestion biogas plants, which are digesting: manure (of pig, cow, chicken), industrial waste (expired food stuffs) and energy crops.*
IBBK is official advisor and consultant.

Location: Germany

Period: 01/2015 – ongoing

Client: **Own**

Mandate: *Agricultural and industrial biogas projects for wet and dry fermentation.*

Location: Germany, Europe and worldwide

Period: 2001 – ongoing

Client: **AT-TAHUR Farm on behalf of At-Tahur (Pvt.) Ltd**

Mandate: On-site consulting, design and planning of a CSTR technology biogas plant for electrical grid stabilization with heat utilization for cooling and ice production at the 1500 dairy cow farm.

Location: Lahore, Pakistan

Period: 06/2014 – 01/2015

Client: **Neutrog, Hero Fuels Ltd**

Mandate: *Dry fermentation of chicken manure for the replacement of electricity and heat for the processing into a natural fertilizer.*
Planning, design and know how transfer of specialized knowledge.

Location: South Africa

Period: 2013 – 2015



Client: **INNOVA CHILE-CORFO**

Mandate: *Proyecto: Desarrollo y Adaptación Tecnológica para un Proceso de Fermentación Seca.*
Consulting and feasibility study of the dry fermentation of urban separated bio-waste of Santiago de Chile.

Location: Santiago de Chile, Chile

Period: 01/2010 – 12/2012

Client: **DESLAC Farm on behalf of Jidoka Group**

Mandate: On-site consulting, design and planning of an adapted lagoon technology biogas plant with heat utilization for cooling and ice production at the 5000 dairy cow farm.

Location: Torreón, Mexico

Period: 08/2011 – 01/2012

Client: **Pozzoli Depurazione s.r.l.**

Mandate: Feasibility study on the possibility of the economical implementation of biogas technology for treatment and energy production from agricultural animal and plant waste as well as from catering waste in the community area.

Location: Samolaco, Lombardia, Italy

Period: 11/2005 – 02/2011

Client: **IEU / EE**

Mandate: *Promoting the production and utilization of energy crops at European level: En-Crop.*
Research, consulting and training project on increasing the knowledge of different actors along the energy crop production chain, as well as the general public, on the ecological, technical, economic, logistic and administrative matters related to energy crop production and utilization. In-house consulting for FnBB e.V. association.

Location: Europe

Period: 09/2007 – 07/2010



Client: **Renewable Power Association and the Department of Forestry and Rural Affairs (DEFRA)**

Mandate: *Consultancy and trainings in London, UK: Definition of the legislative framework of biogas production from animal slurries and energy crops derived from farms. Consultancy and seminar speaker.*

Location: UK

Period: 2005 – 2010

Client: **Alten Group**

Mandate: On-site consulting, preliminary economic modelling and pre-design of a 250 kW biogas installation.

Location: Lake Masazyrgol, Baku, Azerbaijan

Period: 08/2009 – 09/2009

Client: **Cornwall Agri-Food Council (CAC) and Cornwall Enterprise**

Mandate: Study tour, consulting and feasibility study, economic modelling of biogas installations in a range of rural scenarios in Cornwall.

Location: Cornwall, UK

Period: 06/2007 – 09/2009

Client: **CIMBRIA A/S**

Mandate: *Court case consultancy on the technology of biowaste and food waste digestion. Consultancy and expertise.*

Location: Denmark

Period: 03/2005 – 12/2008

Client: **City Works of the town of Leinfelden-Echterdingen**

Mandate: Detailed planning and feasibility study on substrate and energy utilization of a dry fermentation plant. Search of possible locations for the plant and selection of key manufacturers for dry fermentation technology, capacity building. The plant is mainly utilizing grass wastes from the Airport of Stuttgart.

Location: Leinfelden-Echterdingen, Baden-Württemberg, Germany

Period: 03/2007 – 07/2008



Client: **Ministry of Agriculture LNV**

Mandate: *Strategic survey for the co-digestion of animal slurry.*
Concept development, survey study.

Location: Netherlands

Period: 06/2007 – 07/2008

Client: **Regional Water Supply Authority of Baden-Württemberg**

Mandate: *Utilization of grass growth in a dry fermentation process.*
Pre-feasibility study and consulting.

Location: Germany

Period: 04 – 11/2006

Client: **City of Belfast**

Mandate: *Biogas recovery from farm waste and for the treatment of biowaste in a dry fermentation plant.*
Consultancy services and seminar speaker.

Location: UK

Period: 01 – 10/2005

Client: **Sustech Consulting**

Mandate: *Agriculture waste management plan for the Maltese Islands.*
Consulting.

Location: Valletta, Malta

Period: 10/2004 – 08/2005

Client: **City Works of Walldorf**

Mandate: Feasibility study and planning on the implementation of biogas technology for energy production from catering waste, communal residues and energy crops in the area.

Location: Walldorf, Baden-Württemberg, Germany

Period: 02/2002 – 08/2002



Client: **City Works of Wertheim**

Mandate: Design, planning and feasibility study on the implementation of biogas technology for the “dry” fermentation of agricultural waste and energy crops in the water protection area.

Location: Wertheim, Baden-Württemberg, Germany

Period: 01/2001 – 07/2001

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