

## Newsletter IEA Bioenergy Task 37: 4/2013

### Biogas calculators

There is a large choice of biogas calculators **free** available on the internet

#### **KTBL**

The calculator of KTBL is almost an official calculator with data evaluated by the leading biogas research institutes in Germany. Unfortunately it is available only in German

[KTBL-Biogasrechner](#)

#### **NREL CREST**

The National Renewable Energy Laboratory has released an updated version of its Cost of Renewable Energy Spreadsheet Tool (CREST) is an economic cash flow model designed to allow policymakers, regulators, and the renewable energy community to assess project economics, design cost-based incentives (e.g., feed-in tariffs), and evaluate the impact of various state and federal support structures. CREST is available for solar, wind, geothermal, and anaerobic digestion technologies

[CREST spread sheet of NREL](#)

#### **LFL Bavaria**

The Landesanstalt für Landwirtschaft (LfL) in Bavaria offers probably the largest choice of substrates for the calculation of the biogas yield (in German)

[Biogas yield of 350 different substrates](#)

### **Company calculators**

A number of companies offer different calculators, one in English:

[Biowatts](#) with a good choice of substrates and feedstocks, livestock waste and energy crops

The others in German only:

[Weltec Biopower](#) for online biogas calculation

[PlanET](#) for biogas production and desulphurisation

[NatUrgas](#) for biogas production, normalisation of biogas and acetic acids equivalents to express the stability of a digester

### **IEA Publications**

Don't forget to download the newest IEA publications on

[IEA Energy Efficiency market Report 2013](#): Global energy saving investments - and their effects on energy demand

The [Key World Energy Statistics 2013](#) contains timely, clearly-presented data on supply, transformation and consumption of all major energy sources.

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