

## Newsletter IEA Bioenergy Task 37: 2/2015 Reports&Publications

### IRENA report on Global Bioenergy Supply and Demand

The report addresses the expected growth of biomass resources in the power, thermal and liquid fuel sectors. IRENA estimates biomass resources could account for 20 percent of the world's primary energy supply by 2030 and 60 percent of the final renewable energy use. Power and district heating use is forecasted at 36 Exajoules (EJ), with transport at 31 EJ, and heat at 41 EJ.

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### Heavy Duty methane fuelled engines

IEA Bioenergy together with IEA AMF completed a project on *Enhanced Emission Performance and Fuel Efficiency for Heavy Duty Methane Fuelled Engines*. The project that lasted from May 2009 to May 2014 was split in two phases, a literature study and testing in Canada, Finland and Sweden of state-of-the-art engine technology for methane as fuel. Testing was carried out on-road with vehicles in normal operation, during various driving conditions and in sophisticated emission laboratories. A short and a full version of the report have been published.

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### IEA World Energy Outlook 2014 - The oil party is soon over

One of the usually most cited publications in the energy field passed without being mentioned in the major press for a simple reason. The discrepancy between the triumphing press articles and analysis of experts on an endless lasting low oil price and a shift in production from Arabian oil countries to North America and the 2014 WEO report was too strong. The main message of IEA's report was simple and clear: „The global energy system is in danger of falling short of the hopes and expectations placed upon it“. The short-lasting picture of an over saturated oil market cannot belie the coming challenges the oil exploration will be faced with.

[Summary](#) [Factsheets](#)

### Biogas barometer 2014 published

EurObserv'ER recently released the updated Biogas Barometer report showing that energy production from biogas has continued to expand across the European Union in recent years. Approximately 13.4 Mtoe of biogas primary energy was produced in 2013, up by 10.2 percent from the prior year. Electricity production increased by 12.7% to 52.3 TWh. Of the 13.38 Mtoe of biogas produced in the European Union in 2013, approx. 2.89 Mtoe was from landfill gas, 1.25 Mtoe was from sewage sludge gas and 9.23 Mtoe was from other forms of biogas.

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