

JRC Dataset

Solid and gaseous bioenergy pathways. Input values and GHG emissions. Database

Description:

This database accompanies the JRC Report EUR 27215 EN. The database contains all the input numbers and sources used for the calculations of the typical and default GHG emission values presented in Annex VI of the Proposal for a Recast of the Renewable Energy Directive COM(2016) 767. It also contains: i) final GHG emissions results, ii) all sources for the Figures in JRC EUR 27215 EN, iii) several worksheets with tools for the customization of the results. Stakeholders can use the database to get a deeper insight into the values contained in Annex VI, but also can use the various tools in the file to exploit the many flexibilities offered in the Proposal to produce customized default GHG values (e.g. specific conversion efficiencies, co-generation plants, co-digestion mixtures etc...). Contacts are provided in the file in case of queries on the values and errors in the file. This file contains the values exactly as reported in the Annex VI of the Proposal (published in November 2016). In case of changes to the values before the policy approval, new versions of the file will be uploaded.

Contributors:

- Giuntoli, Jacopo jacopo.giuntoli@ec.europa.eu
- Agostini, Alessandro alessandro.agostini@enea.it
- Edwards, Robert robert.edwards@ec.europa.eu
- Marelli, Luisa luisa.marelli@ec.europa.eu
- Padella, Monica monica.padella@ec.europa.eu
- O'Connell, Adrian adrian.oconnell@ec.europa.eu

How to cite:

Giuntoli, Jacopo; Agostini, Alessandro; Edwards, Robert; Marelli, Luisa; Padella, Monica; O'Connell, Adrian(2016): Solid and gaseous bioenergy pathways. Input values and GHG emissions. Database. European Commission, Joint Research Centre (JRC) [Dataset] PID: http://data.europa.eu/89h/jrc-alf-bio-bioenergy_jrc_annexvi_com2016-767_v1_july17

Keywords:

Bioenergy, Biogas, Default values, GHG emissions, Pellets, Renewable Energy Directive, Sustainability

Related resources:

Data access

AnnexVI_COM2016-767_v1_July17

The database is created in Microsoft Excel. It has a user-friendly interface to facilitate distribution and use among stakeholders. Please start with the 'Read Me' worksheet and then move to the 'Index' worksheet.

http://cidportal.jrc.ec.europa.eu/ftp/jrc-opendata/ALF-BIO/datasets/bioenergy_jrc_annexvi_com2016-767_v1_july17/LATEST/

Publications

Solid and gaseous bioenergy pathways: input values and GHG emissions: Calculated according to methodology set in COM(2016) 767: Version 2

Giuntoli, J., Agostini, A., Edwards, R. and Marelli, L., Solid and gaseous bioenergy pathways: input values and GHG emissions: Calculated according to methodology set in COM(2016) 767: Version 2, EUR 27215 EN, Publications Office of the European Union, Luxembourg, 2017, ISBN 978-92-79-64811-3 (print),978-92-79-64810-6 (PDF), doi:10.2790/98297 (print),10.2790/27486 (online), JRC104759.

DOI:[10.2790/98297](https://doi.org/10.2790/98297)

Additional information:

Last Modified: 2017-07-15

Issue date: 2016-11-30

Landing page: <https://ec.europa.eu/jrc/en/publication/eur-scientific-and-technical-research-reports/solid-and-gaseous-bioenergy-pathways-input-values-and-ghg-emissions-calculated-according-0>

Geographic area: European Union

Temporal coverage: From: 2016-11-30

Update frequency: None

Language: English

Data theme(s): Energy; Transport

EuroVoc domain(s): 48 TRANSPORT; 66 ENERGY

Identifier: http://data.europa.eu/89h/jrc-alf-bio-bioenergy_jrc_annexvi_com2016-767_v1_july17