

Press Release

Leipzig, 21 November 2019

Methodology for resource monitoring developed by the DBFZ is applied internationally for the first time

Based on an updatable database, an interactive web atlas was developed for Bosnia and Herzegovina (BiH) to visualize the potential of 23 agricultural and forestry biomasses. This consistent information on the biogenic raw material base is a central pillar for the strategic evaluation of options for action in the bioenergy context. The results are publicly available at <http://atlasbm.bhas.gov.ba/>.

The Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH (GIZ) is managing the project "Promotion of Renewable Energy in Bosnia and Herzegovina" on behalf of the German Federal Ministry for Economic Cooperation and Development (BMZ). The aim is to create more incentives for the increased use of renewable energies. Within this framework, the DBFZ (German Biomass Research Centre) has supported the development and implementation of a biomass monitoring system.

The system contains comprehensive data sets on 23 biomasses for the period from 2012 to 2017 and is used for national reporting and strategic energy planning. The results are available for four different administrative levels. The data sets are available in an open-access web atlas, which is maintained by the Agency of Statistics. The website provides additional information on calculation, data collection methods and monitoring updates, such as calculation flowcharts, Sankey diagrams and further reports. The web atlas is intuitively usable and enables decision makers, politicians as well as public and private investors to identify hot spots for mobilisable potentials. The results can be used to make strategic decisions for an improved resource use and to continuously increase the share of renewable energy sources in the country's energy mix.

Additional information:

„How to measure the impact of biogenic residues, wastes and by-products: Development of a national resource monitoring based on the example of Germany“ (Open-Access)

<https://www.sciencedirect.com/science/article/pii/S0961953419302247>

About the GIZ

The Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH (GIZ) is a globally active federal enterprise. It supports the German Federal Government in international cooperation for sustainable development and in international educational work. GIZ helps people and societies to develop their own perspectives and improve their living conditions.

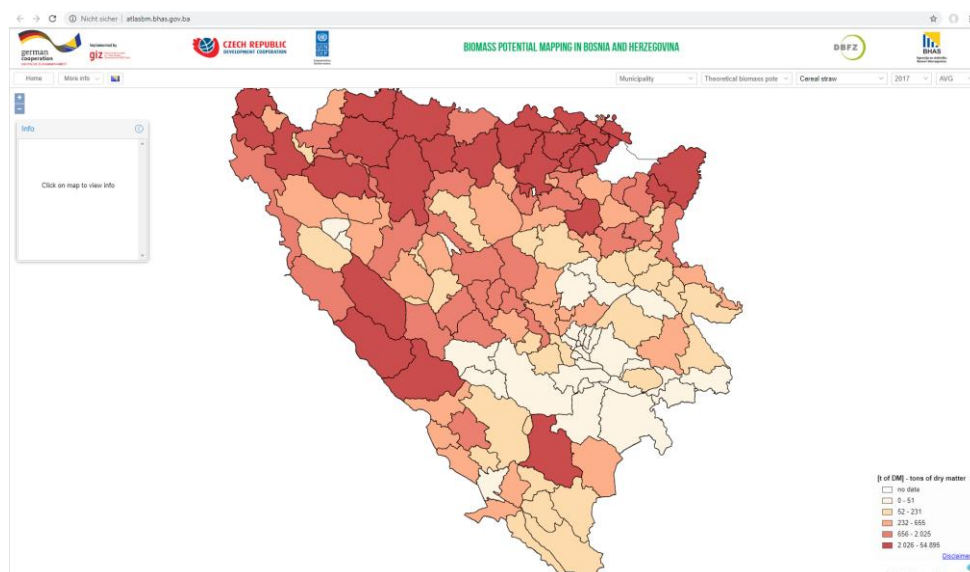


Figure 1: Interactive web atlas for the visualization of biomass potentials in Bosnia and Herzegovina

Smart Bioenergy – innovations for a sustainable future

The DBFZ works as a central and independent thinker in the field of energy and material use of biomass on the question of how the limited available biomass resources can contribute to the existing and future energy system with sustainability and high efficiency. As part of the research the DBFZ identifies, develops, accompanies, evaluates and demonstrates the most promising fields of application for bioenergy and the especially positively outstanding examples together with partners from research, industry and public. With the scientific work of the DBFZ, the knowledge of the possibilities and limitations of energy and integrated material use of renewable raw materials in a biobased economy as a whole should be expanded and the outstanding position of the industrial location Germany in this sector permanently secured – www.dbfz.de.

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