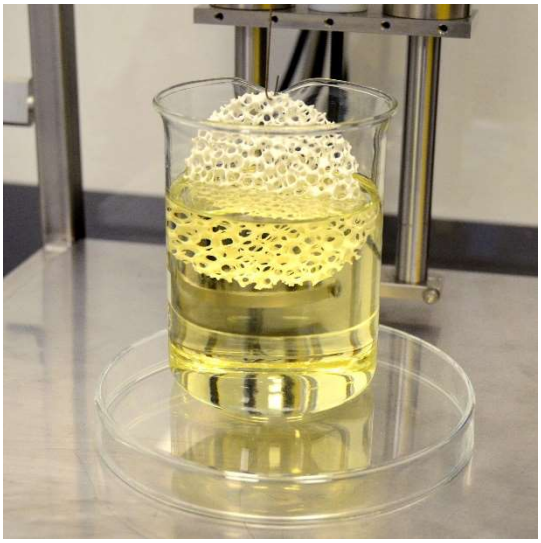
Large Research Infrastructure ENREGAT - Energy Waste Recovery and Gas Treatment in 2019-2022

VSB TUO | CEET | INSTITUTE OF ENVIRONMENTAL TECHNOLOGY

LARGE RESEARCH INFRASTRUCTURES

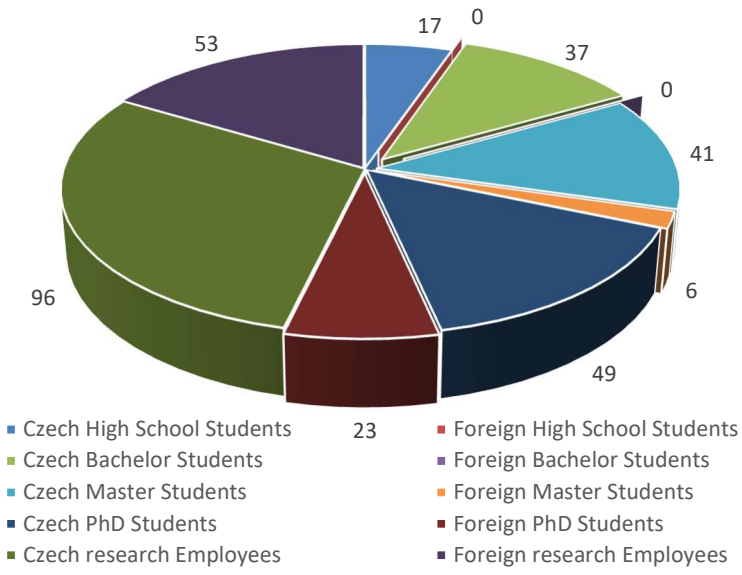
ENREGAT represents a unique base for the implementation of comprehensive research in the area of material and energy recovery of waste by means of combustion, pyrolysis and anaerobic processes, as well as in the field of catalytic, sorption and photocatalytic cleaning of the resulting gases. The uniqueness of ENREGAT infrastructure lies in the ability to perform basic and applied research focused on several waste-to-energy technologies from the laboratory up to pilot plant scale for a wide range of waste and thus to assess the suitability of the technology for the selected type of waste.

Thanks to the targeted support of large infrastructures by the Ministry of Education, Youth and Sports the ENREGAT large research infrastructure (identification code: LM2018098) is available in the open access regime for wide scientific community since January 2019.



Use of infrastructure within open access

LRI ENREGAT in the open access mode was provided to **322** users (**205** from VSB-TUO).



Cooperation with industry/ business community

The ENREGAT infrastructure has been used for **99** projects of contractual and **40** projects of collaborative research.

Scientific output

ENREGAT operators and users published **100+** excellent articles in impacted journals, **5** patents and other interesting application results. **59** students finished their theses using ENREGAT.

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