

# 2017 Working Group 10 Report – Data Collection and Information

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## 1. Introduction

Working Group (WG) 10 was initiated at the end of 2010, with full activity underway from 2011. The main objective is to collect data on geothermal energy use, trends and developments in IEA Geothermal countries and to publish the data in the Geothermal Trend Report. The objectives are achieved by the member countries providing information to the Working Group Leader and sharing the work of the Working Group. All Contracting Parties are obliged to participate and Sponsors have also agreed to contribute.

The Operating Agent for Working Group 10 is the Leibniz Institute for Applied Geophysics (LIAG), Germany with Josef Weber as the WG Leader.

The task of data collection and information is important in terms of a growing international demand for data on renewable energy use. The main objective of Working Group 10 is to collect and analyze geothermal applications data from member countries and to publish the data in an annual Trend Report. Data collection activities started in 2011 with data for 2010. To provide trends and allow a comparison with geothermal uses worldwide, additional data, from sources such as the publications associated with the World Geothermal Congress, have also been compiled and analyzed.

The Geothermal Trend Report provides a brief overview of key data on geothermal energy use and shows the development of geothermal energy in the member countries. To expand the database on geothermal energy uses to include non-member countries, work is in progress to establish a collaboration with other institutions and organizations operating in the field of geothermal energy internationally.

## 2. Highlights

In 2017, the sixth IEA Geothermal Trend Report was published with key geothermal data from 2015 including basic data of six non-member countries. The content of the report was revised and shortened to avoid duplication with the Annual Report.

The questionnaires for data collection were revised in order to allow better comparison with geothermal energy statistics of the International Geothermal Association (IGA). In this context, a joint IEA Geothermal and IGA statistics workshop was held in conjunction with the ExCo meeting in Florence on 1<sup>st</sup> of May 2017.

## 3. Progress in 2017

- Content revision of the Trend Report
- Publication of the Trend Report 2015
- Revision of questionnaires for data collection
- Data collection for 2016
- Preparation of a new Power Report for 2016

## 4. Outputs

The Trend Report for the reporting year 2015 (Weber & IEA Geothermal, 2017) was published and presented, inter alia, at the German geothermal congress “Der Geothermiekongress” 2017 in Munich, Germany as a poster (Weber & Link, 2017).

A joint IEA Geothermal and IGA statistics workshop was held in conjunction with the ExCo meeting in Florence. The discussion focused on the comparability of different energy statistics and a revision of the GSHP data collection.

## 5. Future Activities

- Continued publication of the IEA Geothermal Trend Report
- Publication of the new Power Report
- Continued collaboration with other organizations and institutions to expand data collection and to extend the countries involved

## 6. References

Weber, J. & IEA Geothermal (2017): Trends in Geothermal Applications 2015. Survey Report on Geothermal Utilisation and Development in IEA Geothermal Member Countries in 2015, with Trends in Geothermal Power Generation and Heat Use 2000-2015. - Publication of the International Energy Agency, IEA Geothermal, 26 pp (available at: <http://iea-gia.org/publications-2/working-group-publications/#Annex-X>).

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