

AGREEMENT CONCERNING COOPERATIVE INFORMATION
EXCHANGE RELATING TO THE DEVELOPMENT OF GEOTHERMAL ENERGY

The United States Energy Research and Development Administration (hereinafter referred to as ERDA) and the Italian National Research Council (hereinafter referred to as CNR), in cooperation with the Ente Nazionale per l'Energia Elettrica (hereinafter referred to as ENEL).

Recognizing that there are within the territories of the governments of the parties to the Memorandum of Understanding, programs for the collection and analysis of information relating both to geothermal activities within the territories of the parties and throughout the world, and

Recognizing that a multilateral program for international data collection was established in Rotarua, New Zealand on May 3, 1974, under CCMS sponsorship, and that the U.S.- Italy agreement represents the initial bilateral follow-up to the CCMS program, and

Believing that the international collection and dissemination of information regarding the development and exploration of geothermal resources will prove fruitful to all concerned, and

Recognizing that such collection and dissemination of information can only be accomplished by the active cooperation and participation of the nations of the world involved in geothermal exploration and development, and

Desiring to undertake a comprehensive exchange of knowledge gained about the location, size, and characteristics of geothermal

wells and fields, bibliographic information, and heat transmission data, not only between the two parties to this agreement but also between each party and the individual countries within an assigned area of the world, and

Believing that such cooperation will not only benefit the geothermal programs of the parties but be an important step for the faster development of geothermal resources throughout the world,

Agree as follows:

1. The aim of the Agreement is to encourage the cost effective and practical application of geothermal energy to meet the energy needs of the signatories and the world. This aim should be facilitated through the collection and exchange of information detailed below related to the exploration and evaluation of the world's geothermal resources.
2. ERDA and CNR (the Parties) shall each appoint a representative who will make all necessary arrangements for the exchange of the information collected in accordance with this Agreement. The computerized information described below shall be exchanged at no cost to the other Party every four months beginning on July 1, 1976. Such information shall be presented in the agreed computer format so that it will be machine readable by the designated computer centers of the signatories.

3. The material and descriptive data to be exchanged hereunder shall be collected in previously agreed formats relating to geothermal fields and wells.
4. The Parties further agree that bibliographic data will be collected and exchanged at no cost to the other Party in a format to be provided by ERDA.
5. The signatories further agree that heat transmission data will be collected and exchanged based on a format to be mutually agreed upon, and based further on an outline to be provided by ERDA.
6. ERDA shall collect or supervise the collection of the agreed geothermal data in the defined formats from the Americas, Oceania, Iceland, and Asia (except the Soviet Union). ERDA will maintain a complete file of the data to be exchanged; all assignments of specific data acquisition responsibilities between ERDA and other U.S. agencies shall be designed so as to avoid unnecessary duplication of effort. CNR with the cooperation of ENEL shall collect or supervise the collection of the agreed geothermal data in the defined formats for Europe (except Iceland), Africa, and the Soviet Union. The Parties agree that participation by representatives in other nations willing to serve as a collection and exchange center for its own data and those from an agreed geographic area

would be desirable, subject to adoption of consequential amendments to this Agreement.

7. The Parties recognize the desirability of placing this program under the sponsorship of a multilateral organization with a long-term commitment to energy research and development.
8. Where necessary the Parties intend to carry out their obligations hereunder through formal or informal bilateral agreements with the geothermally active nations within their reporting areas, which agreements may call for exchange of information provided under this Agreement, and for access to the computerized data file. Nothing in this Agreement shall require the Parties to exchange information which they are not permitted to exchange, including information received under agreements restricting the further dissemination thereof.
9. All information collected and exchanged under this Agreement may be disseminated by ERDA, CNR, and ENEL in accordance with their national policies, and a charge may be assessed for disseminating such information.
10. The application or use of any information exchanged under this Agreement shall be the responsibility of the Party receiving it, and the other Party does not warrant the accuracy or completeness of such information and does not

warrant the suitability of such information for any particular use of application.

11. Each Party shall bear all costs of its participation under this Agreement.
12. This Agreement shall enter into force on the latter date of signature by a Party and shall remain in force for a period of five years. However, any Party may terminate this Agreement at any time by notice to the other Party not earlier than six months after signature hereof. This Agreement may be extended by mutual agreement.

Italian National Research Council

by: Alexandro Faedo

Date: 5 maggio 1976

Ente Nazionale per l'Energia Elettrica

by: A. M. Magliani

Date: 5 maggio 1976

United States Energy Research
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by: A. S. S. S. S.

Date: April 23, 1976

by: James C. Busey

Date: May 5, 1976