



A RELATIONAL GEOTHERMAL DATABASE AND WEB-INTERFACE FOR THE MINISTRY OF ENERGY AND MINES NICARAGUA



Mario González Barbosa Ministry of Energy and Mines

CONTENT

- WHY DO WE NEED A GEOTHERMAL DATABASE?
- □ OBJECTIVES OF THE DATABASE
- □ ORIGIN OF THE NICARAGUAN GEOTHERMAL DATABASE
- STRUCTURE OF OUR DATABASE
- ☐ APPEAREANCE OF OUR DATABASE

WHY DO WE NEED A GEOTHERMAL DATABASE?



WHAT IS THE OBJETIVE OF THE DATABASE?

Our geothermal database, like any other database in general, is used for:

Store data and keeping it safe



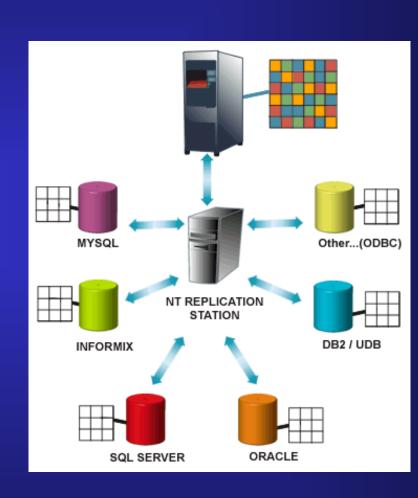
For making as good use of the geothermal information as possible.

ORIGIN OF THE NICARAGUAN GEOTHERMAL DATABASE

This database was designed with the support of The Icelandic International Development Agency (ICEIDA, 2008-2012).

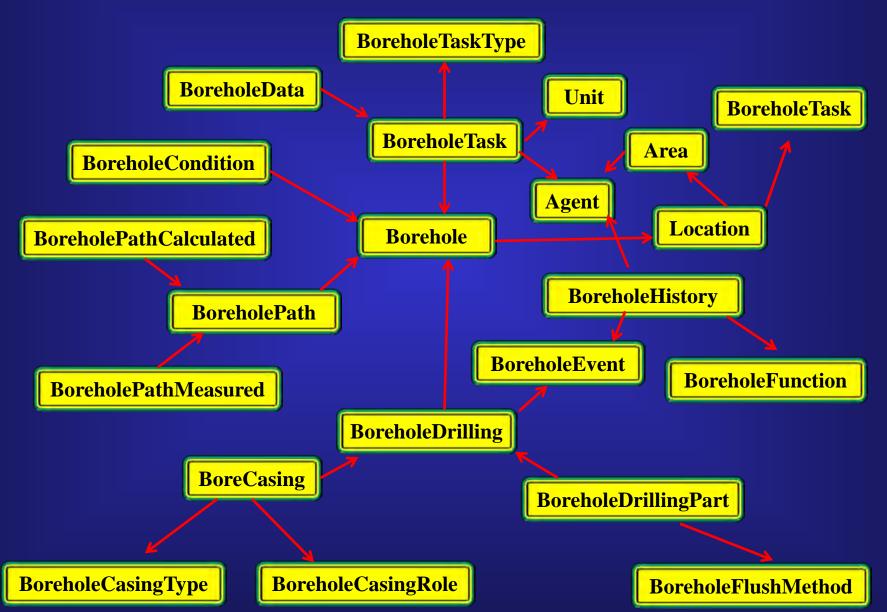
With a relational geothermal database, you are able to retrieve data quickly from such a database and to look at the data from different points of view, you can improve understanding, insight and overview of the projects and thus result in better work procedures in many stages of the geothermal work.

By the implementation of this data management system, MEM have a very useful tool to safely and systematically store and use the valuable data we get from the geothermal developers in Nicaragua.



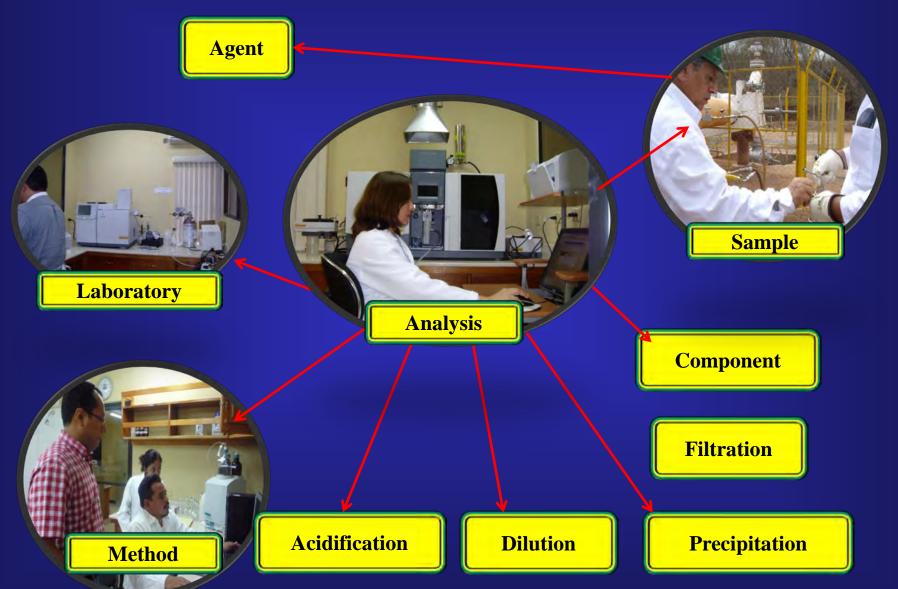
STRUCTURE OF OUR DATABASE

BOREHOLE COMPONENTS



STRUCTURE OF OUR DATABASE

GEOCHEMISTRY COMPONENTS



APPEAREANCE OF OUR DATABASE

