

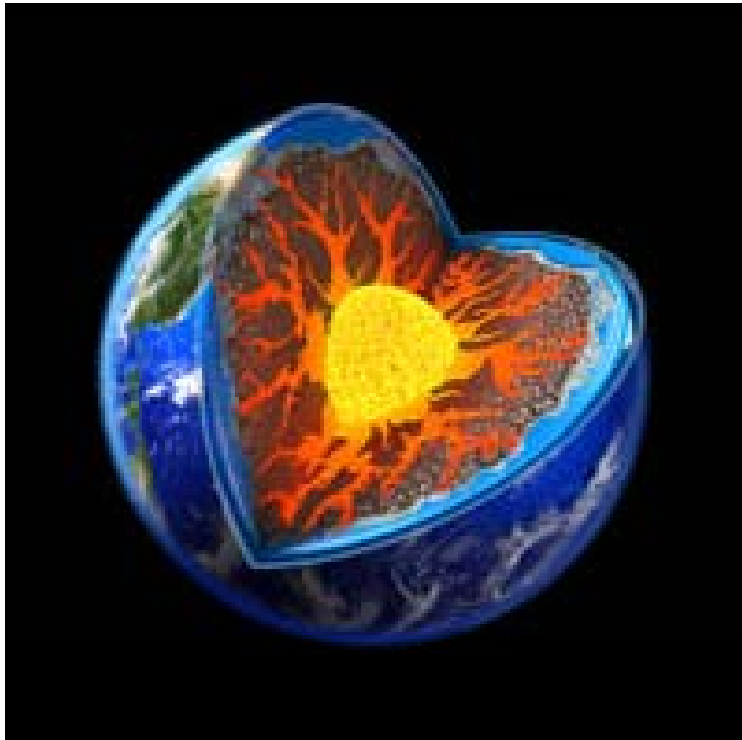
Ground Source Heating and Cooling

Types of Systems

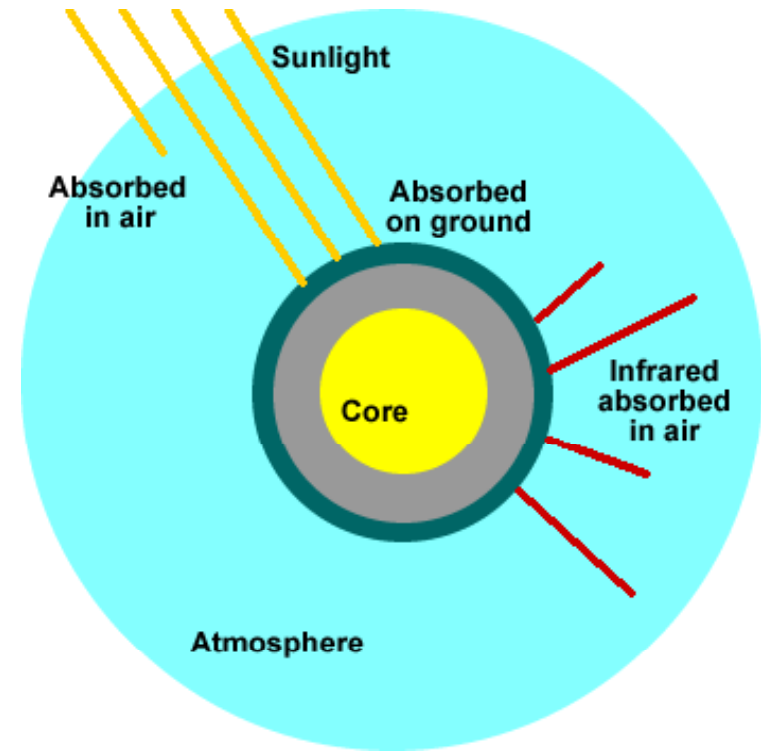
Brian Beatty, Principal, GeoEnergy Solutions

GEOHERMAL ENERGY

“HEAT FROM THE EARTH”

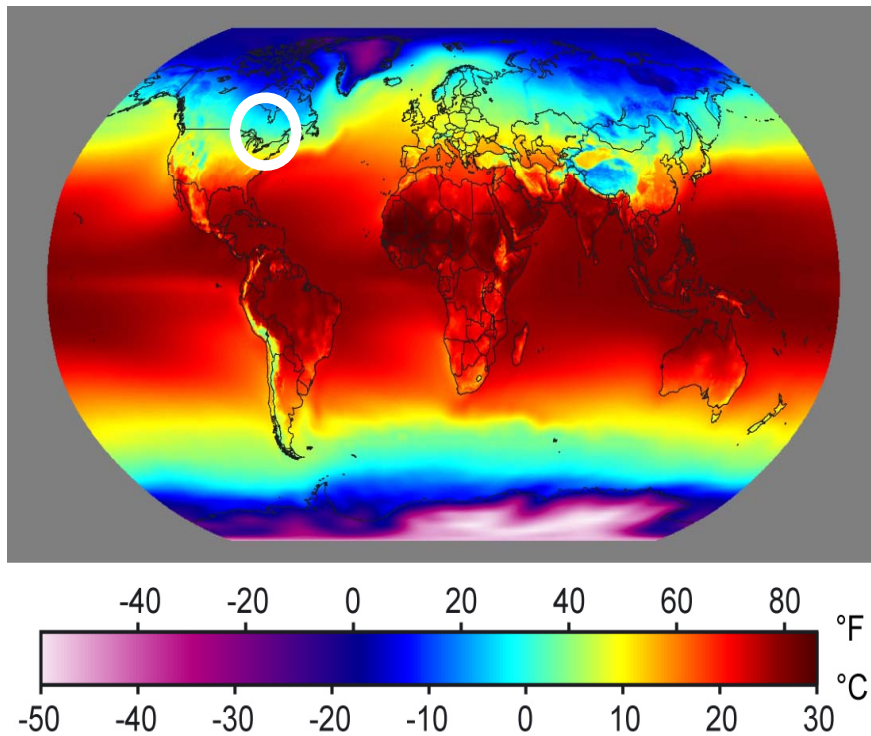


from the core



from the sun

Average Annual Earth Temperature (0 to 200m deep)



The Planet

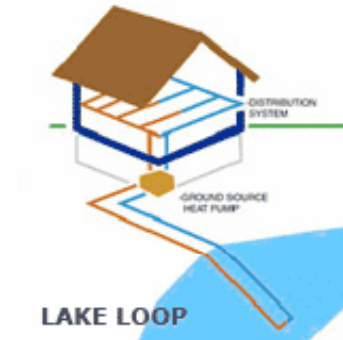
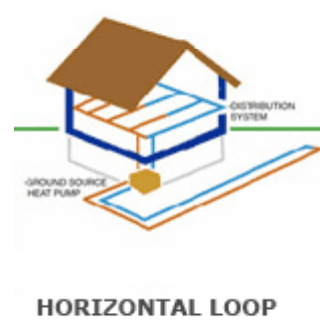
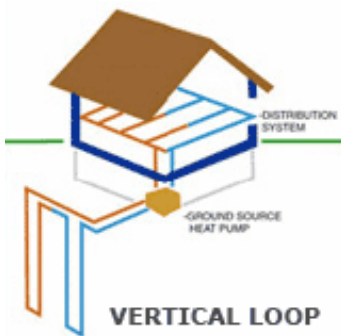


Ontario

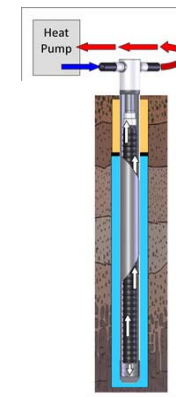
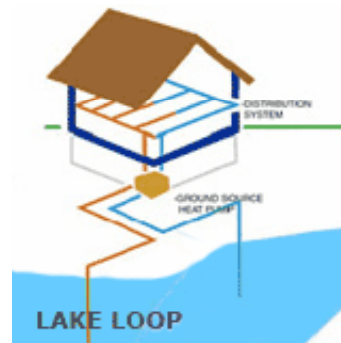
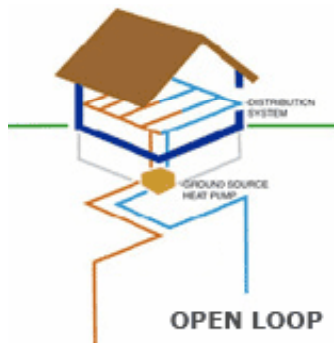
Shallow Geothermal Energy Systems

(0-400 m)

Closed Loops



Open Loops

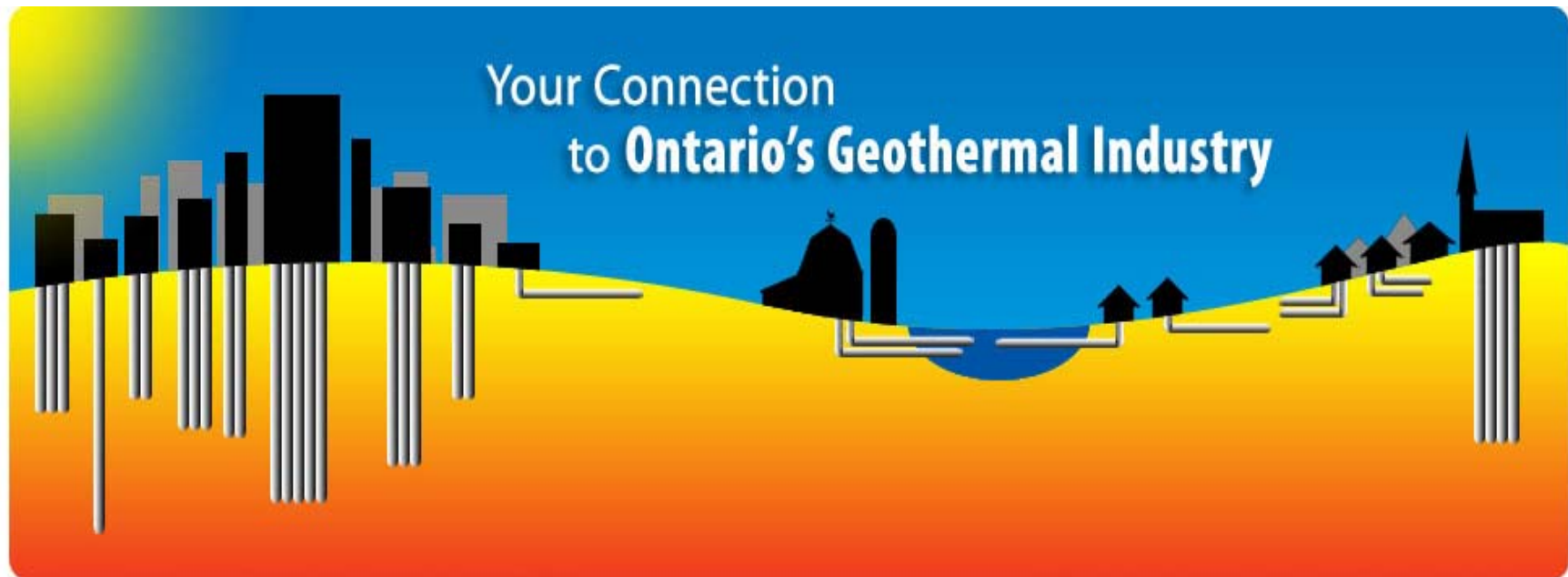


Standing Column Well

ONTARIO GEOTHERMAL ASSOCIATION

Overview and Update

Brian Beatty, President



We are supporting Ontario's green future

The OGA represents the geothermal energy industry in Ontario, which includes:

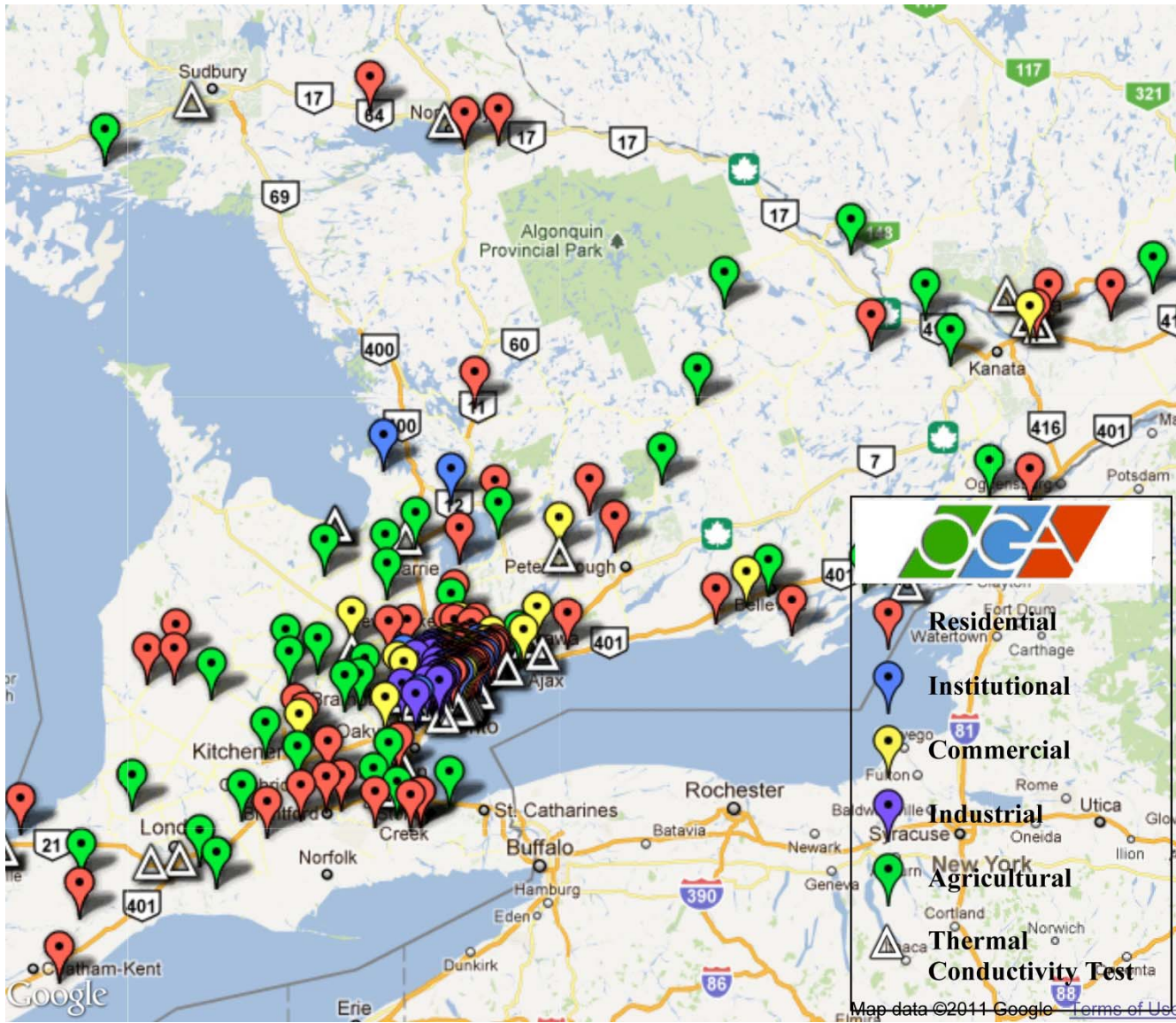
- engineers and designers
- heat pump manufacturers and dealers
- drilling contractors and loop installers
- product suppliers

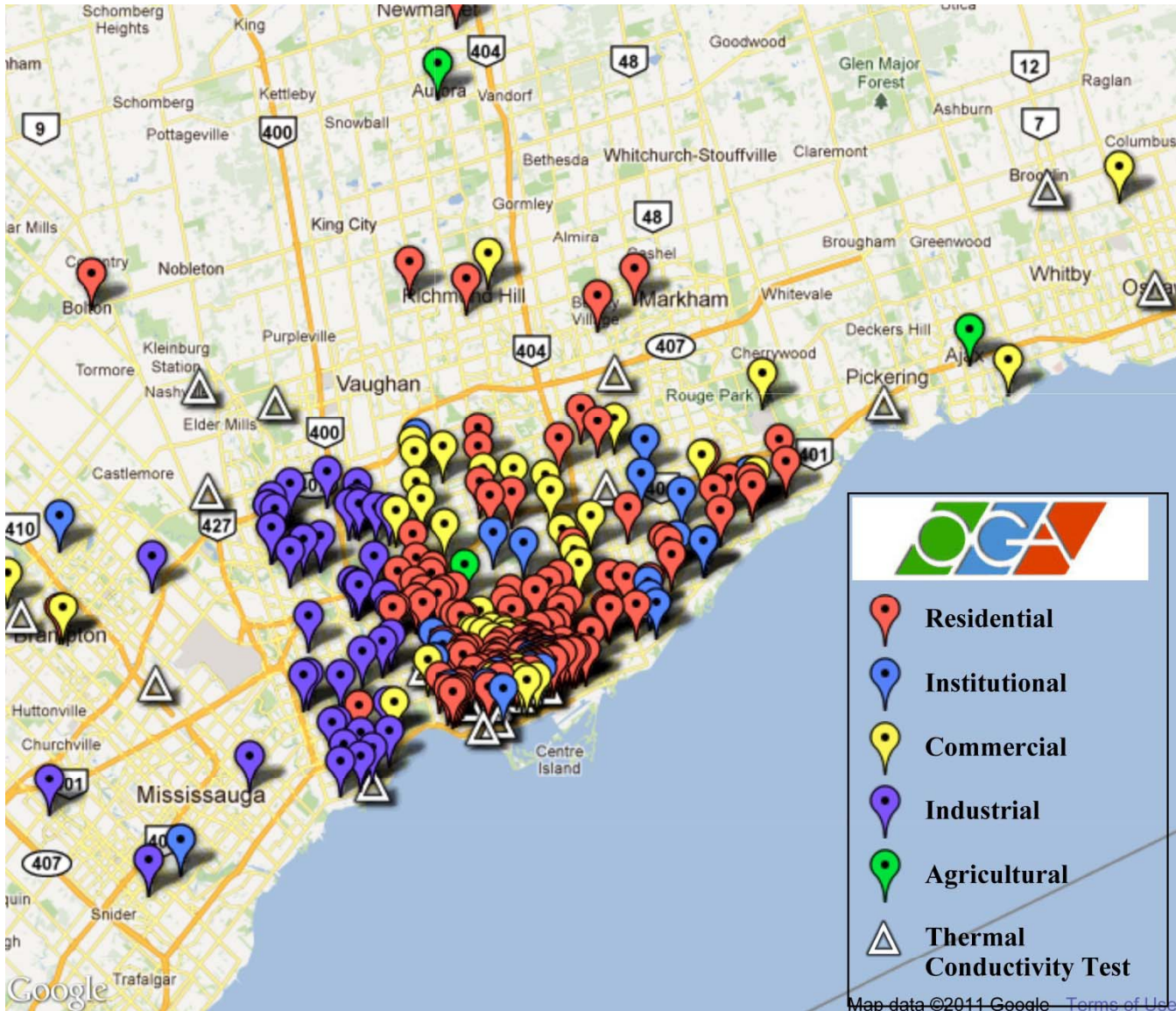
The OGA promotes geothermal energy systems as long term investments and the fact that the buried geothermal energy infrastructure will last the life of the building.

It will still be in the ground decades from now when fossil fuels become scarce.

OGA Launches an Interactive “Geothermal Energy Map of Ontario”

- The map is built from the OGA’s database of geothermal energy installations
- The map will showcase geothermal energy resources in Ontario and raise the profile of geothermal energy in the province
- The map will increase public and government awareness, encourage development of the geothermal energy resource and highlight individual projects
- The OGA’s objective with the mapping initiative is to paint the province green with geothermal energy







GeoEnergy Solutions Inc.
Client: Toronto Community Housing
Info: 50 boreholes, 400 ft. deep

-  Residential
-  Institutional
-  Commercial
-  Industrial
-  Agricultural
-  Thermal Conductivity Test

ontariogeothermal.ca