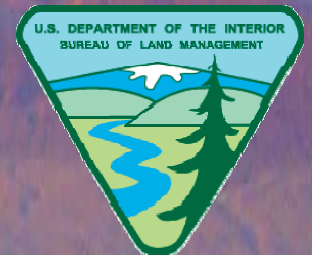




Geothermal Programmatic Environmental Impact Statement

Welcome Geothermal Programmatic EIS Public Meeting

Bureau of Land Management (BLM)
Forest Service (FS)



What is this project about?

- The PEIS will examine the foreseeable environmental impacts of geothermal leasing and associated development on BLM and FS lands with moderate to high potential for geothermal resources in twelve western states including Alaska.
- The PEIS will also analyze the potential impacts of issuing pending lease applications that were filed before January 1, 2005.

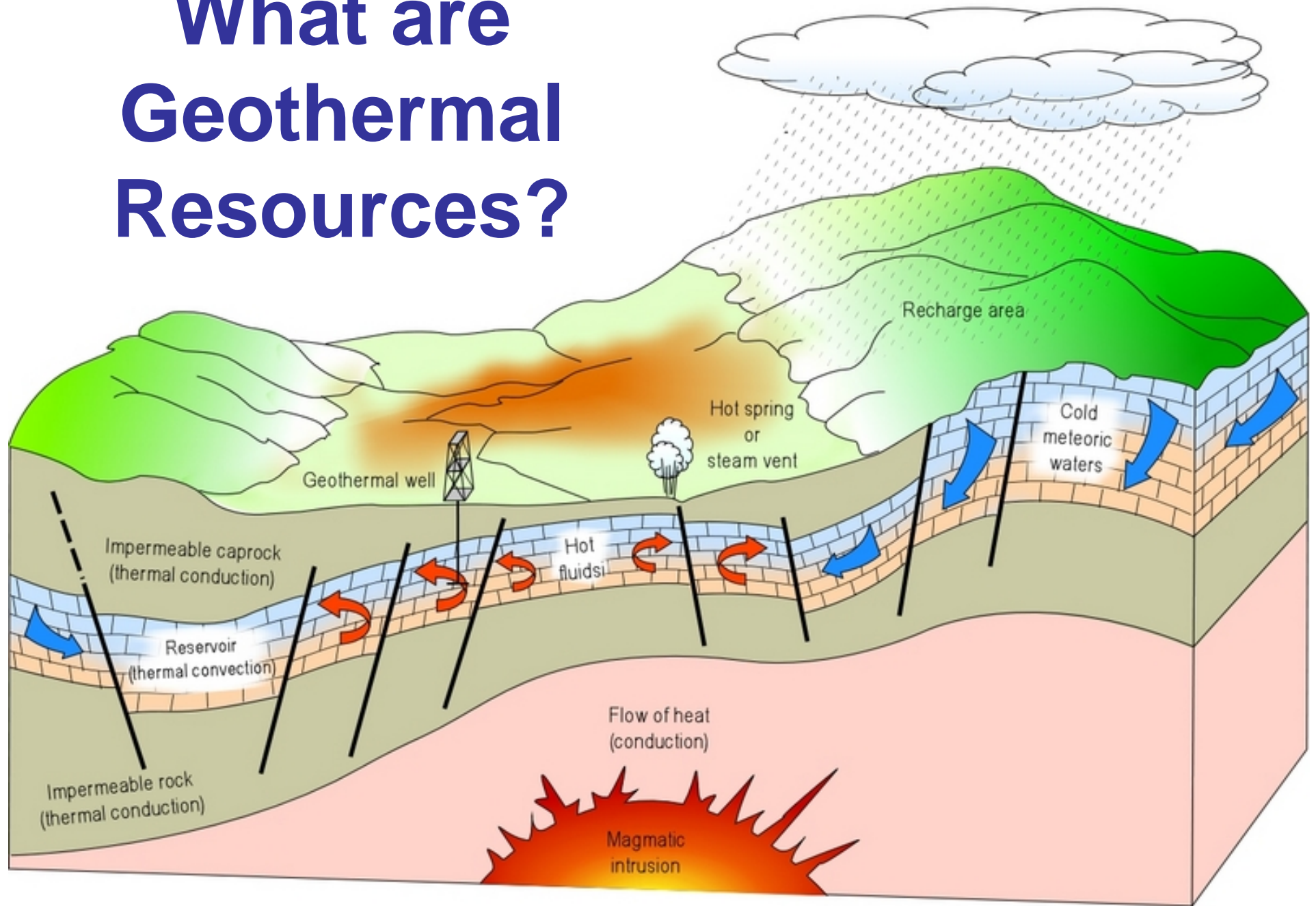
Why are we having these scoping meetings?

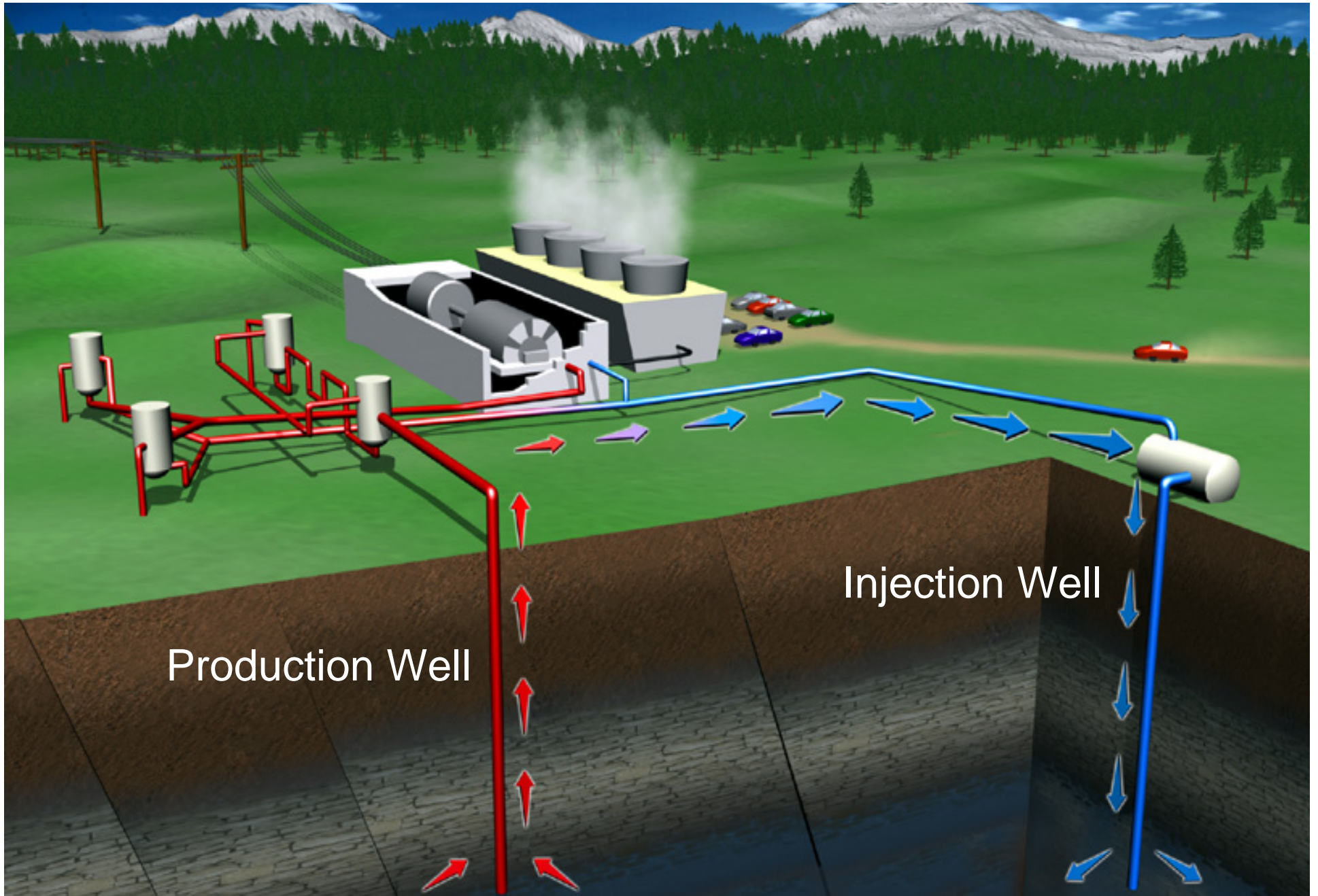
We need your help!

With your help, we will be able to:

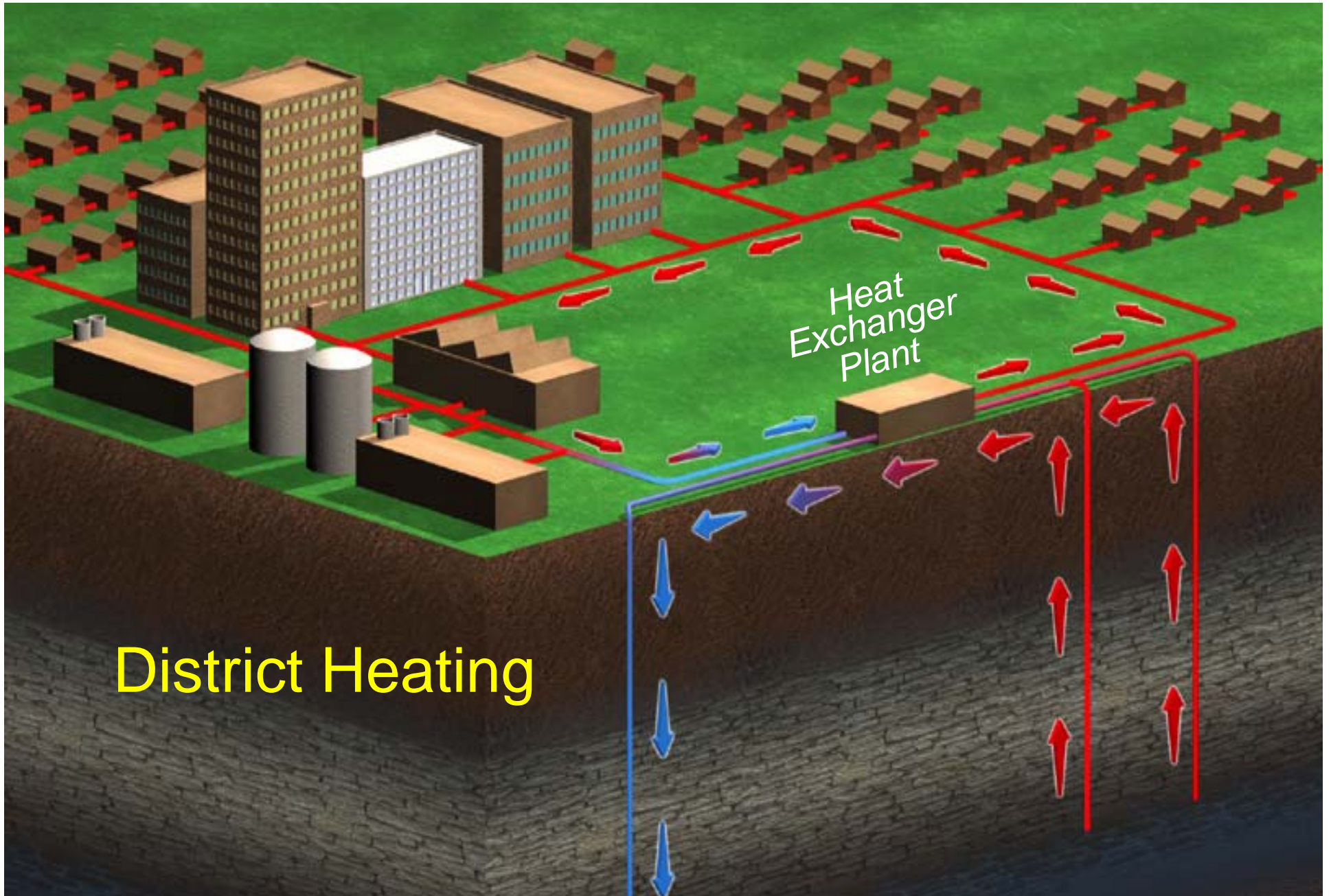
- (1) Identify additional lands with moderate to high potential for geothermal resources not already under consideration
- (2) Identify your concerns early in the process so they can be addressed in the PEIS

What are Geothermal Resources?





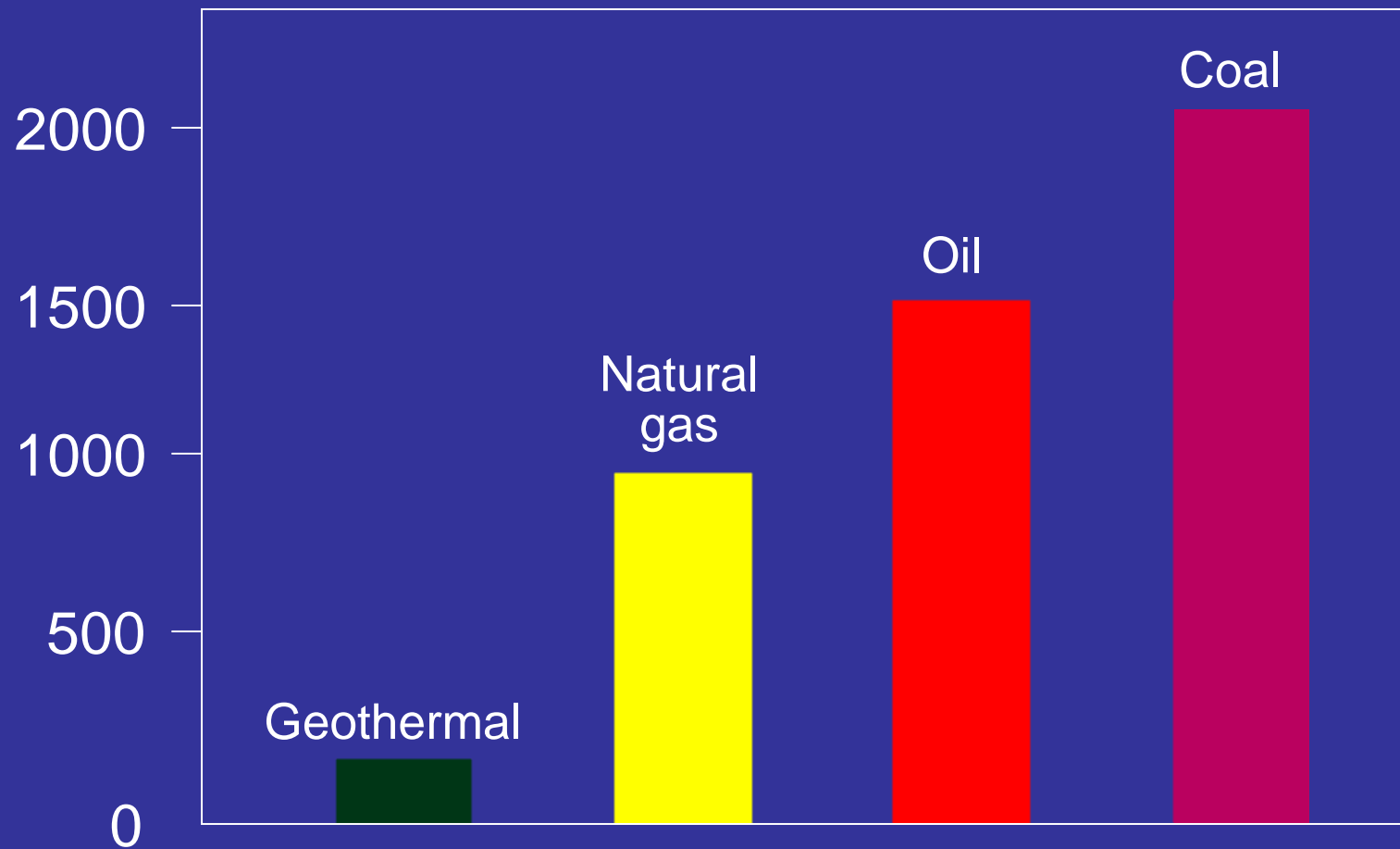
Indirect Use: Electricity Generation



District Heating

Direct Use: Heating

CO₂ Emissions Comparison (lbs/MW-hr)



Source EIA 1998; Bloomfield and Moore 1999

Carbon Dioxide emissions range from 0 - 4% per megawatt of the CO₂ emitted by a fossil fuel power plant.

The NEPA Process

NEPA: National Environmental Policy Act

The PEIS will:

- Analyze impacts from geothermal leasing and associated development
 - direct, indirect and cumulative impacts
- Serve as a tiering document for subsequent, site-specific NEPA documentation, as needed

The NEPA Process

Assess impacts to natural and human environment, including:

- Tribal interests
- Air quality
- Water resources and water quality
- Land uses, including recreation and agriculture
- Cultural resources
- Biological resources
- Socioeconomic conditions



Geothermal Programmatic Environmental Impact Statement

Schedule



How to Comment

- This is your first opportunity in the planning process to provide comments
- Scoping comments are requested by the end of the scoping period (August 13, 2007)
- You may submit comments in any of the following ways:
 1. **Filling out a comment form** and returning to us tonight,
 2. **E-mail:** geothermal_eis@blm.gov
 3. **Fax:** 1-866-698-4836
 4. **US Mail:** Geothermal PEIS
c/o EMPS, Inc.
182 Howard Street, Ste 110
San Francisco, CA 94105

What's next?

After public scoping period, you will have additional opportunity to participate in the process:

- Draft EIS will be available for public review in Winter 2008 (with public meetings)
- Final EIS will be available in Summer 2008

Please....

Ask questions at any of the learning stations

Watch the video of how a geothermal electricity plant works

View the poster boards on geothermal energy

View the slide show of geothermal direct use (heating) and indirect use (electricity)