

## Geothermal History



Native Americans age old use of hot springs.



First Geothermal Power Plant, 1904, Larderello, Italy



## The Plan

- Build multiple geothermal power plants.
- ◆ Build an eco-resort at each power plant, pumping waste water (which is just hot mineral water) into spa pools and geothermal greenhouses. These resorts will also serve to educate the public about the green energy paradigm.
- Then nationalize these geothermal power plants within 30 years but investors keep eco-resorts & greenhouses.

## Research & Development:

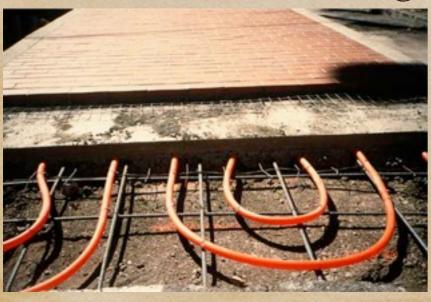
- R&D one stop shop: geothermal.marin.org
- There are many companies that build geothermal power plants: www.mannvit.com www.mannvit.com/Services/
- Find suitable active locations.
- Purchase properties, build, they will come.
- · Apply for gov. grants and subsidies.



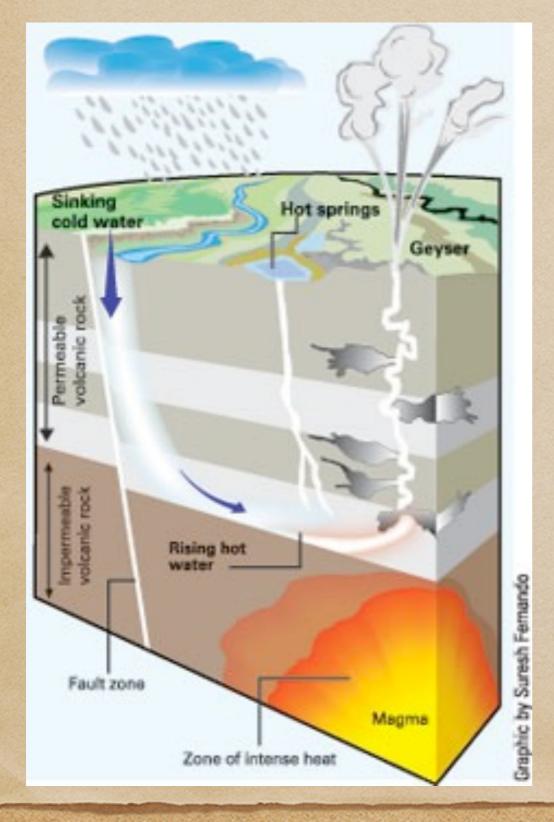
## Geothermal Greenhouses

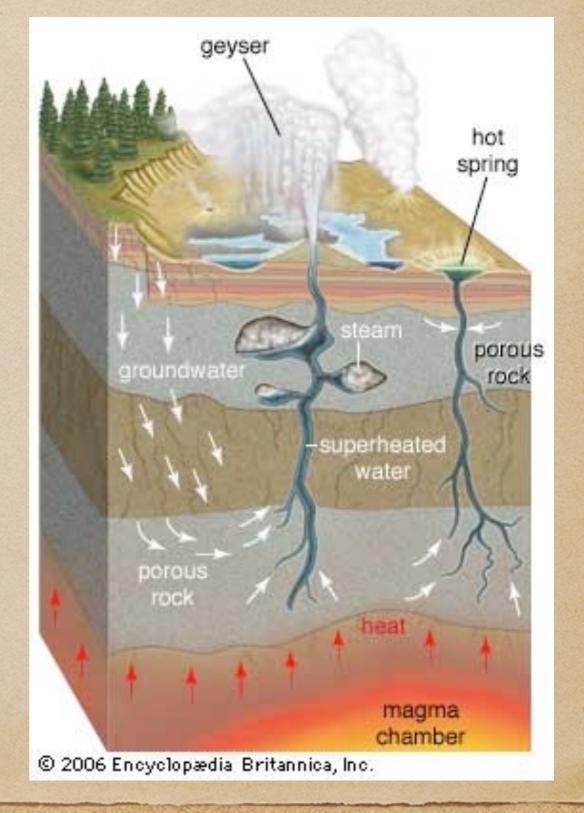
With the effects of global warming increasing domestic food security is a must. We can grow all our own foods cheaply in all seasons with geothermal greenhouses.

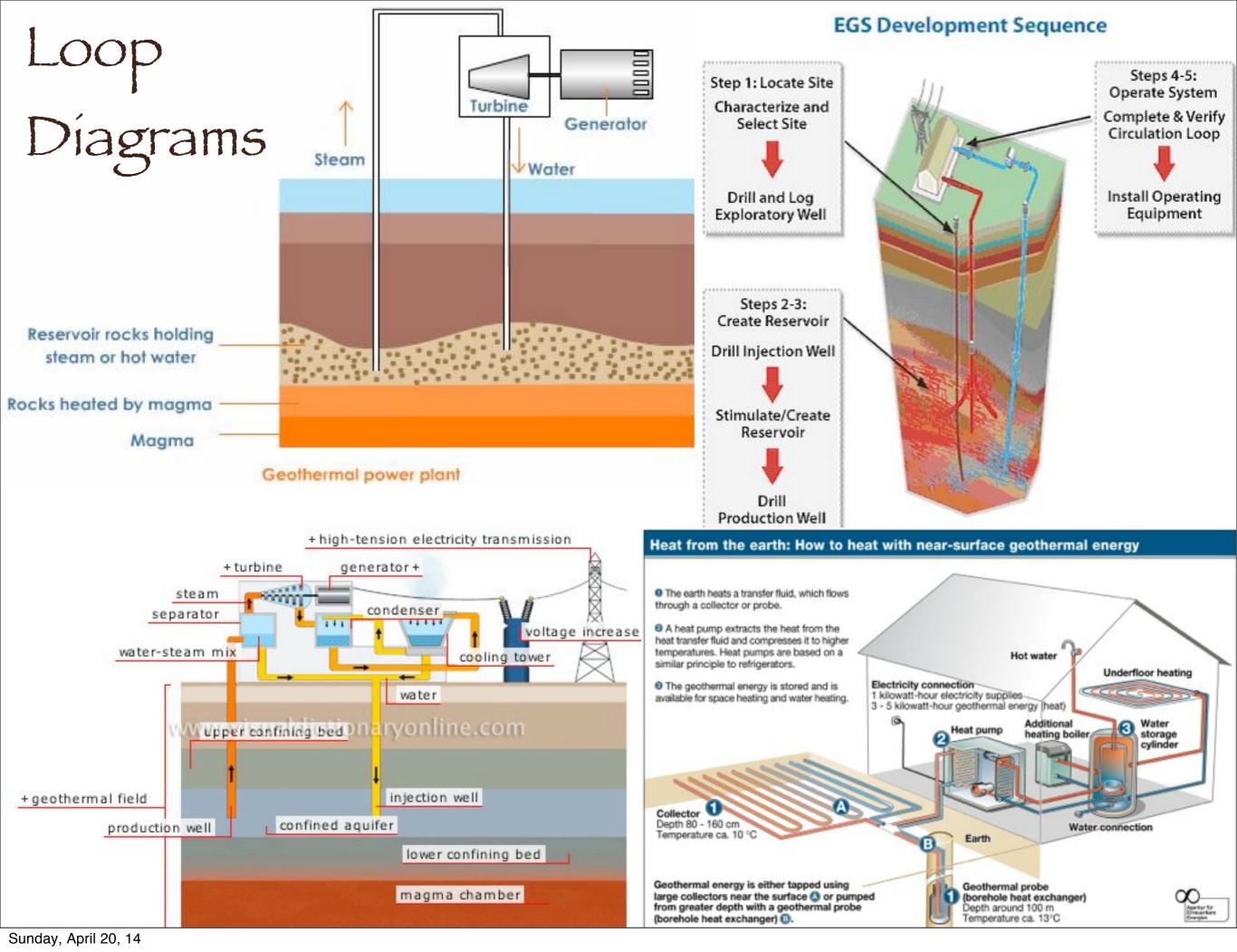
Geothermal radiant heating

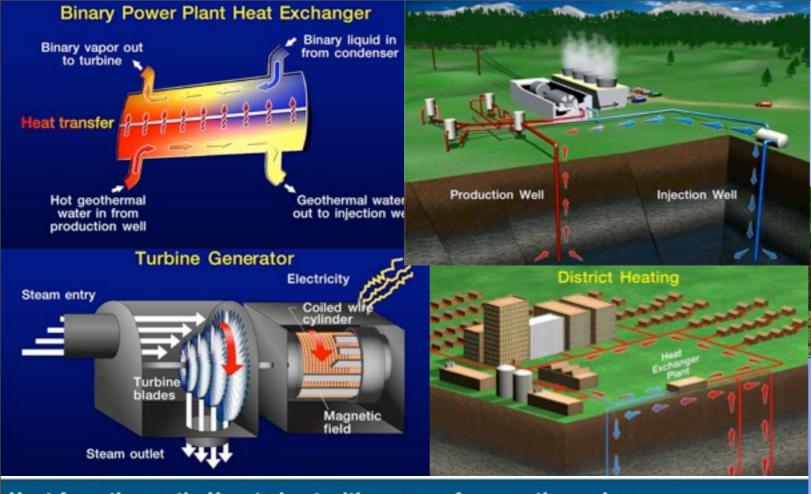


# Geothermal Source Diagrams

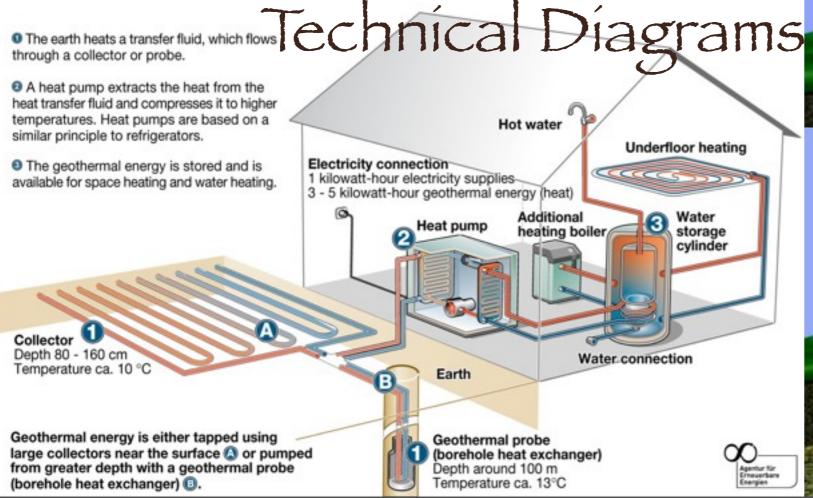


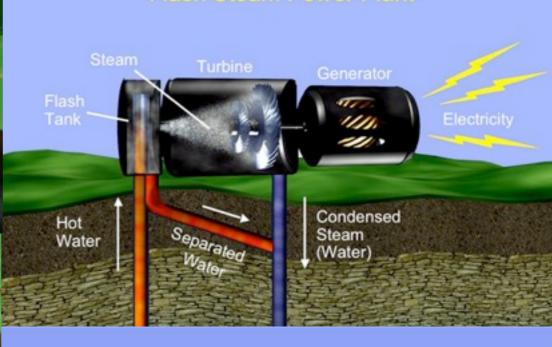




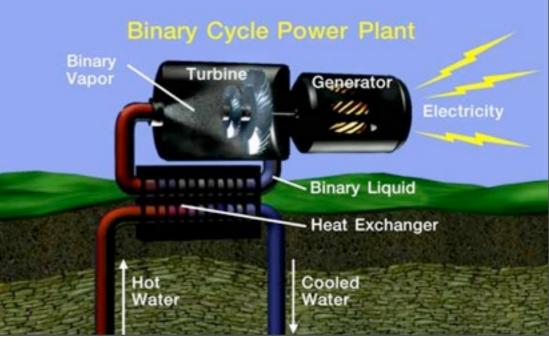


#### Heat from the earth: How to heat with near-surface geothermal energy











Why Nationalize?

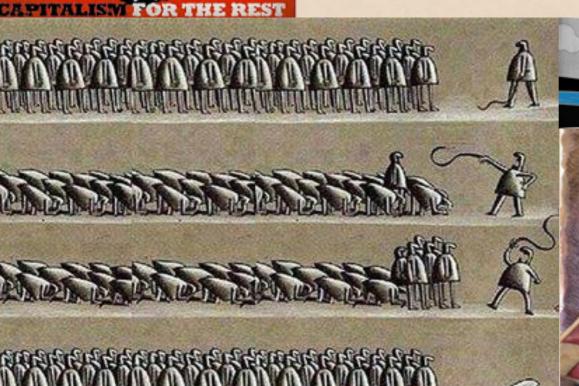
- 1) This plant will be built with government subsidies & grants which comes from taxes/public money, so we believe it should be returned to the public after the private investors have recouped their investment plus some % of interest. This is a ethical choice and will serve to teach other corporations and the investment class that it is a privilege to do business in our societies, not a right. This will remind them about public service over endless profit.
- 2) Because public opinion has rightfully turned against unbridled capitalism that seeks profit at all costs with no regard for public health or the environment.
- 3) Because the energy sector should be totally decentralized or at the least out of a fews privileged and private hands. Eventually individual homes/families should supply all their own energy needs through solar, wind, geothermal/heat pumps, recycling their own waste water, growing a percent of their own food, as well as driving electric vehicles etc. True freedom, independence and energy democracy!



Why Nationalize?
Because the word is out!



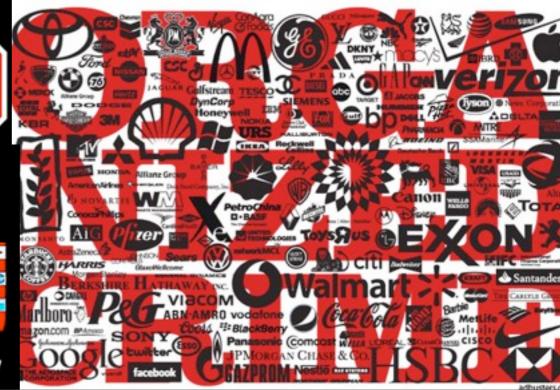












# In With The NEW! The Lean, Clean, Green, Renewable Energy Conservation Paradigm

Geothermal, Solar, Offshore Wind, Kinetic, Tidal, Energy Efficiency & Conservation! Plus, Hemp not Trees

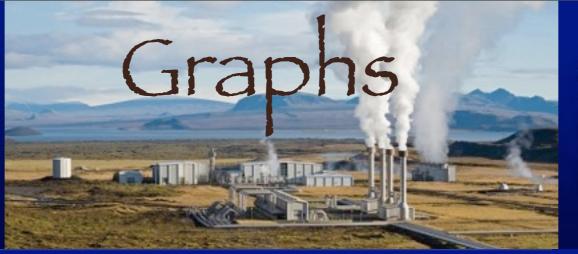




Sunday, April 20, 14

Direct uses of geothermal water supply over 11,000 thermal megawatts in over 40 countries.

Another 35 countries use natural hot springs for bathing but have not yet developed their geothermal reservoirs for commercial use.

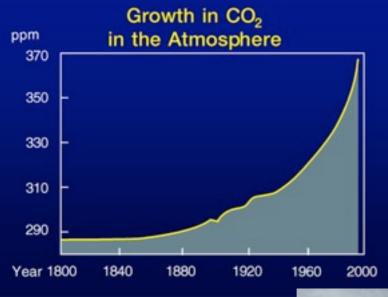


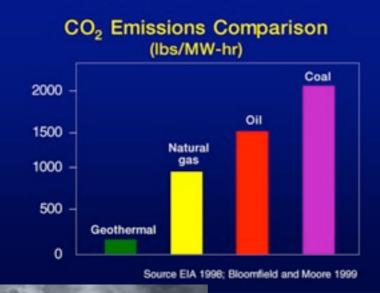
#### Countries Generating Electricity with Geothermal Resources

Australia China Costa Rica El Salvador Ethiopia France (Guadeloupe) Guatemala Iceland Indonesia Italy Japan Kenya Mexico New Zealand Nicaragua Portugal (Azores)
Russia (Kamchatka)
Taiwan
Thailand
Tibet
Turkey
United States
Zambia

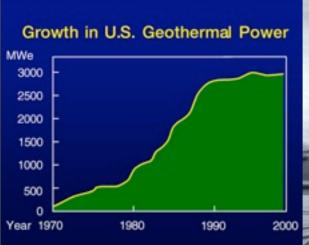
...and geothermal power plants are planned in several other countries

**Philippines** 

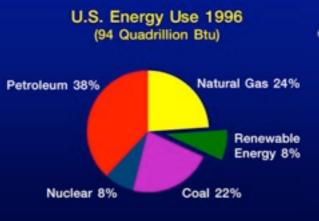


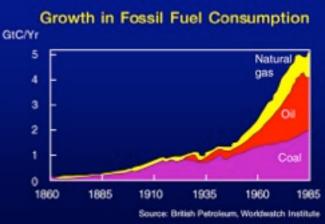












Benefits of Geothermal Power: Provides clean and safe energy using little land. Is renewable and sustainable. Generates continuous, reliable "baseload" power. Conserves fossil fuels and contributes to diversity in energy sources. Avoids importing fuels and benefits local economies. Offers modular, incremental development and village power to remote sites.

# Before & After



### Thank You For Your Consideration

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