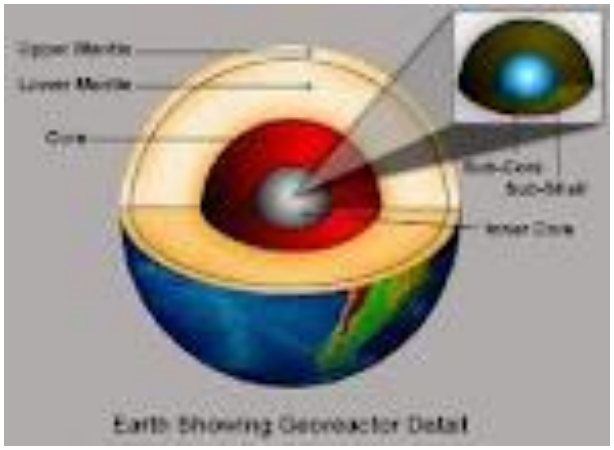
70% OF EARTH SURFACE IS OCEAN WATER

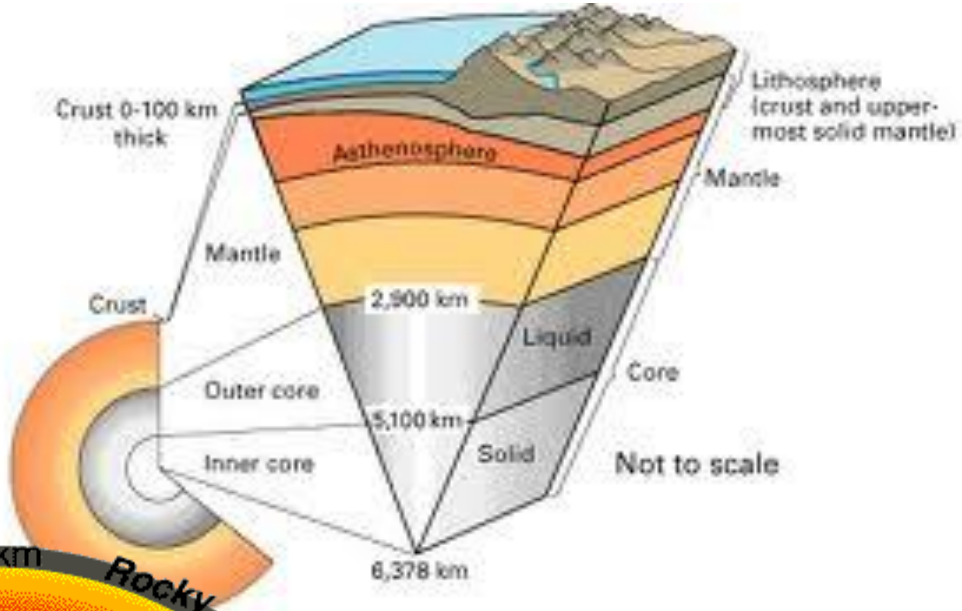
A man may die, nations may rise and fall, but an idea lives on.

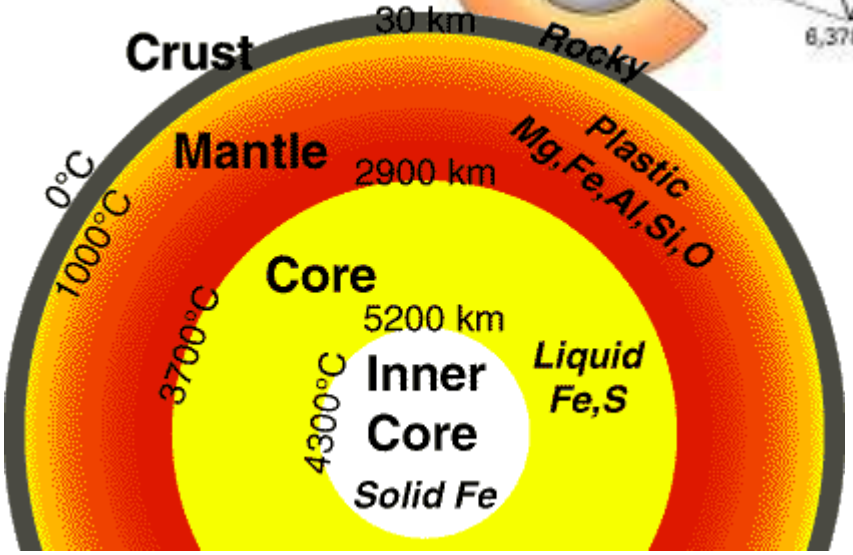
John F. Kennedy

1961 John F. Kennedy said:

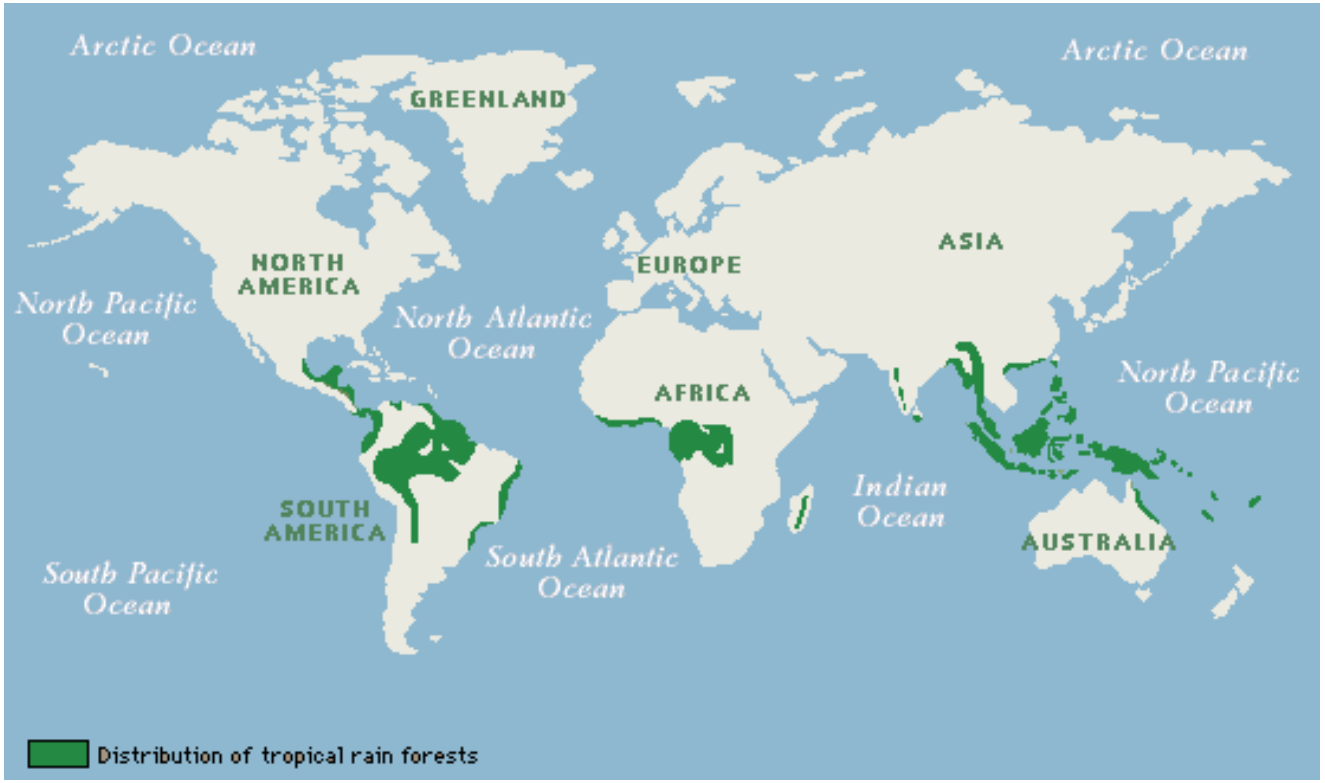
If mankind will find a way to desalinate the ocean water in a cheap way. Then such an invention will make all other inventions through the history to small events.





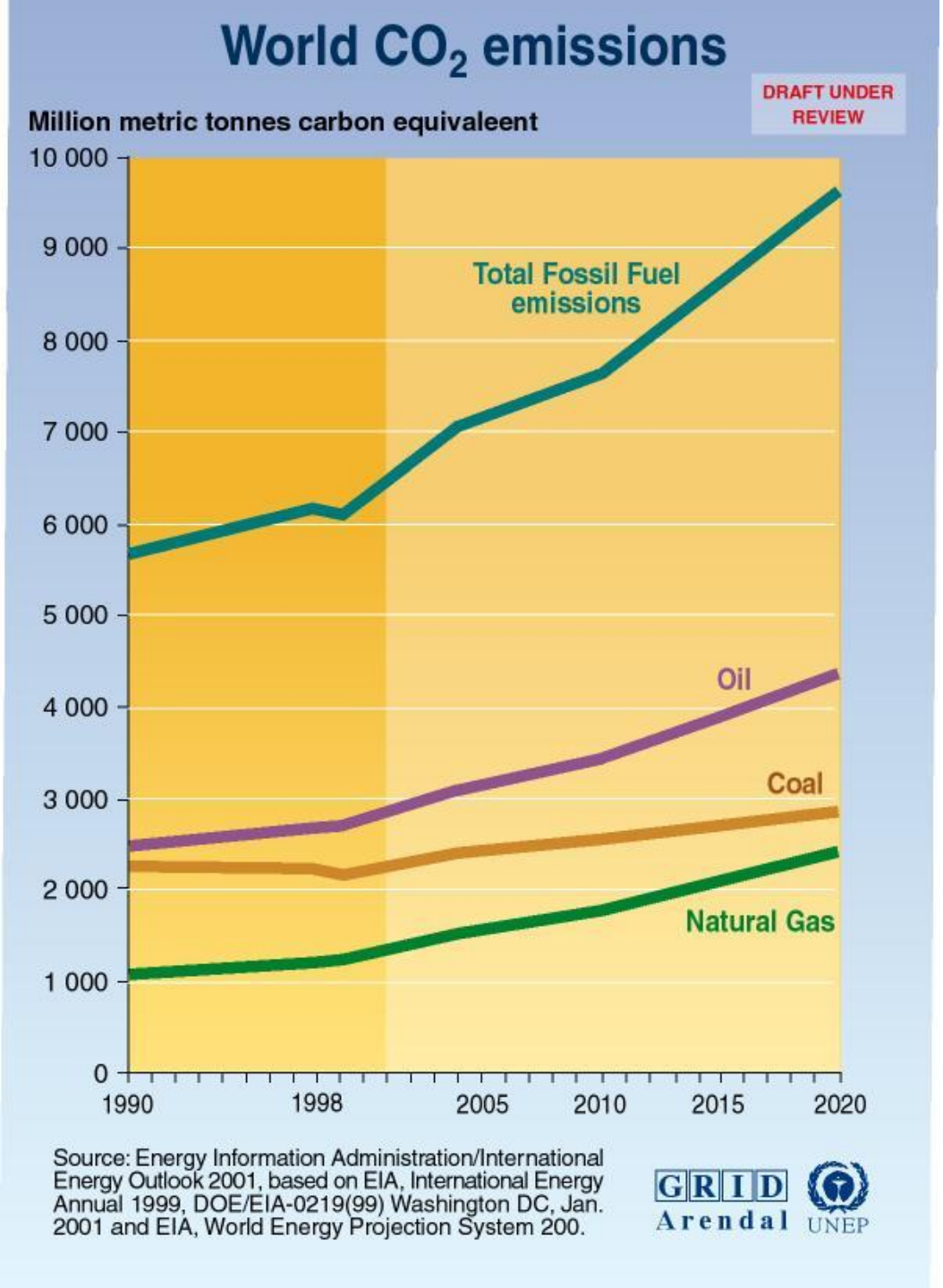


The ocean crust is very thin only few km thickness



Distribution of tropical rain forest. They are decreasing 1% pr. Year. Total size to day some 16 million square km

More then 80% of the electricity comes from coal,natural gas and oil



World CO2 emissions is now around 8 million metric tonnes pr. year

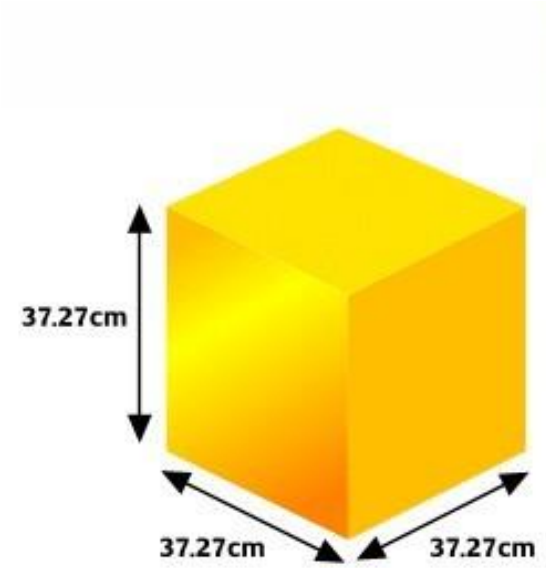
We have shortage of water in the world

One billion people have less then one US $ to survive every day

Saudi Arabia is about 2.3 million squere km. We can only grow 1% because of watershortage

The Sahara desert is estimated to be about 9,000,000 square kilometers. It is bigger than the total area of Australia and almost as large as continental US or China. It encompasses Algeria, Chad, Egypt, Libya, Mali, Mauritania, Morocco, Niger, Western Sahara, Sudan and Tunisia.

Here we need to bring back the ecosystem that was here in this area 6000 years ago.



In the ocean water is lot of metals, also gold and silver

Yes, there is gold in the ocean

Ocean waters do hold gold – nearly 20 million tons of it. However, if you were hoping make your fortune mining the sea, consider this: Gold in the ocean is so dilute that its concentration is on the order of parts per *trillion*. Each liter of seawater contains, on average, about 13 *billionths* of a gram of gold.

There is also (undissolved) gold in/on the seafloor. The ocean, however, is deep, meaning that gold deposits are a mile or two under water. And once you reach the ocean floor, you'll find that gold deposits are also encased in rock that must be mined through. Not easy.

Currently, there really isn't a cost-effective way to mine or extract gold from the ocean to make a profit. But, if we could extract all of that gold, there's enough of it that each person on Earth could have nine pounds of the precious metal. Eureka!

For more information:

Why is the ocean salty? – U.S. Geological Survey

"Ocean Planet" Oceanographic Facts – NASA SeaWIFS

Usual ocean water- 203 cubic meters pr. second.			
Seconds pr. Year 31.536.000	Tons pr. Year of ocean water 6.394.952.348		
	Metric Tons pr. Year	Value in US $	US $ pr. Year
Bróm Br	415.672	415.000 x 1833 US $ pr. ton-.	824.850.000
Natríum - klóríð (29,95 g/kg)	191.528.823	Sodium Chloride (NaCl) 10 US $ pr ton	1.915.288.230
Magníum - súlfat	50.004.348	Magnesium sulfat 120 US $ pr. ton-	6.000.521.760
Kalsíum - klóríð	10.876.522	Calcium Chloride- 170 US pr. ton-	1.849.008.740
Kalíum - klóríð	5.622.609	Potassium cloride- pice pr. ton- 450 US	2.530.134.900
Magníum	4.424.348	Magnesium 4800 US $ pr. Ton	21.235.200
Alúmíní	12.812	Aluminium US $ 2.000. pr. ton	25624000
Strantíum - karbónat	14.748	Strontium carbonate- $56 pr. ton,	825888
Járn	13.365	Iron 140 US$ pr. Ton	1.871.100
Kopar	830	Copper 7000 US $ pr. Ton	5.810.000
Joð	277	Iodine- 28000 US $- pr. Ton	7.756.000
	262.914.352	Total in US $	13.182.925.818
Total water	6.132.037.996	Total in US $ 0.5 US $ pr. Ton- 3.066.01	3066018998
Silver-	118.7ton	928.19×118748.7kg=110 000 000US$	110 000 000US$
Gold-	3.773 tons	3.773ton×50984.33*1000=192 386 000 U	192 386 000 US$

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(71) Applicant and
(72) Inventor: **JONSSON, Olafur** [IS/IS]; Alafossvegi 23, IS-270 Mosfellsbaer (IS).

(74) Agent: **ARNASON FAKTOR**; Godrúdarstig 2-4, IS-113 Reykjavik (IS).

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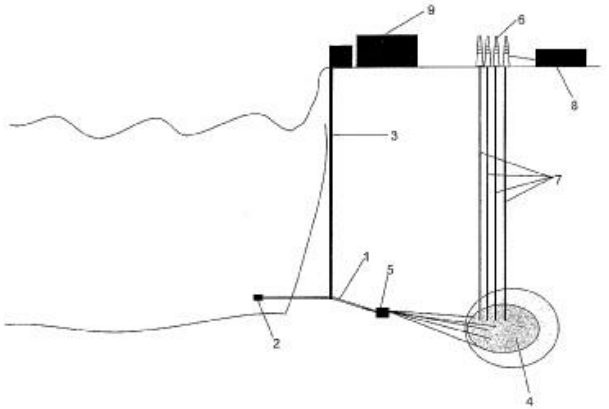
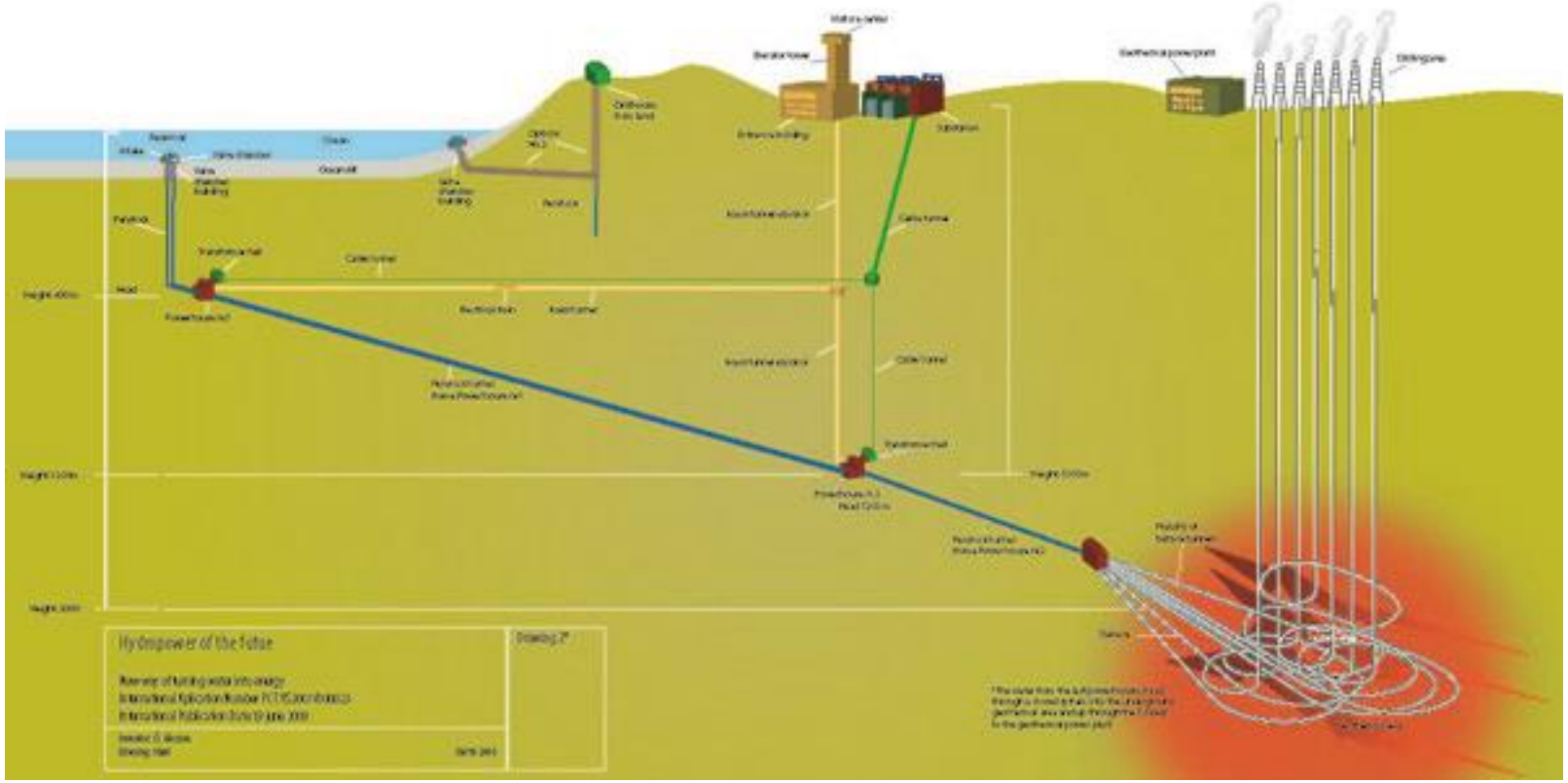
(54) Title: GEOTHERMAL ENERGY SYSTEM



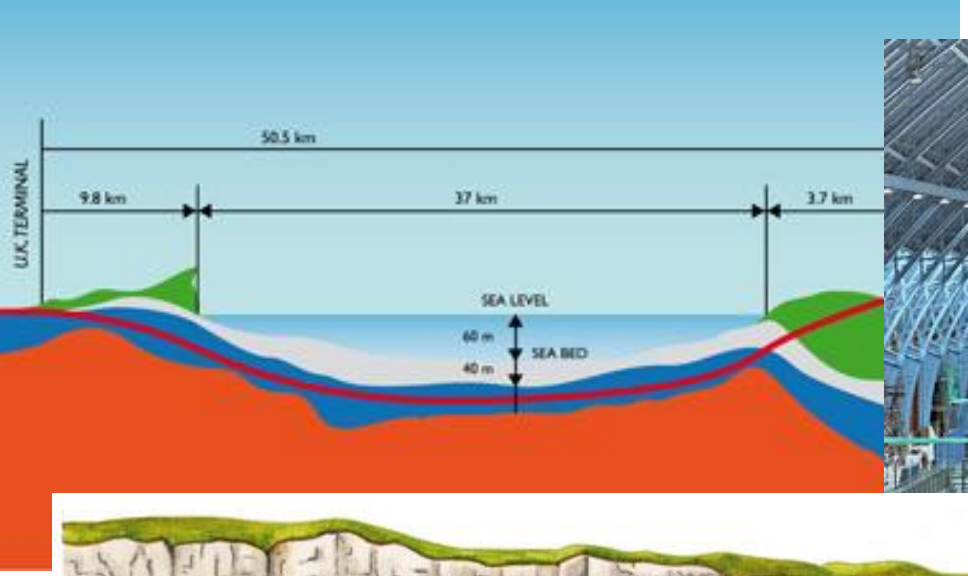
(57) Abstract: A method and system for generating electrical energy is provided. The method and the system comprises a geothermal underground dry space with a hot ambient temperature, a water intake at the bottom of the sea or ocean, a passageway leading from said water intake to said geothermal underground dry space, allowing water to flow from said water intake to said geothermal underground dry space, a duct for allowing hot water or steam to escape upwardly from said geothermal underground dry space towards the surface of the ground, and means for converting thermal energy from said hot water or steam to electrical energy.

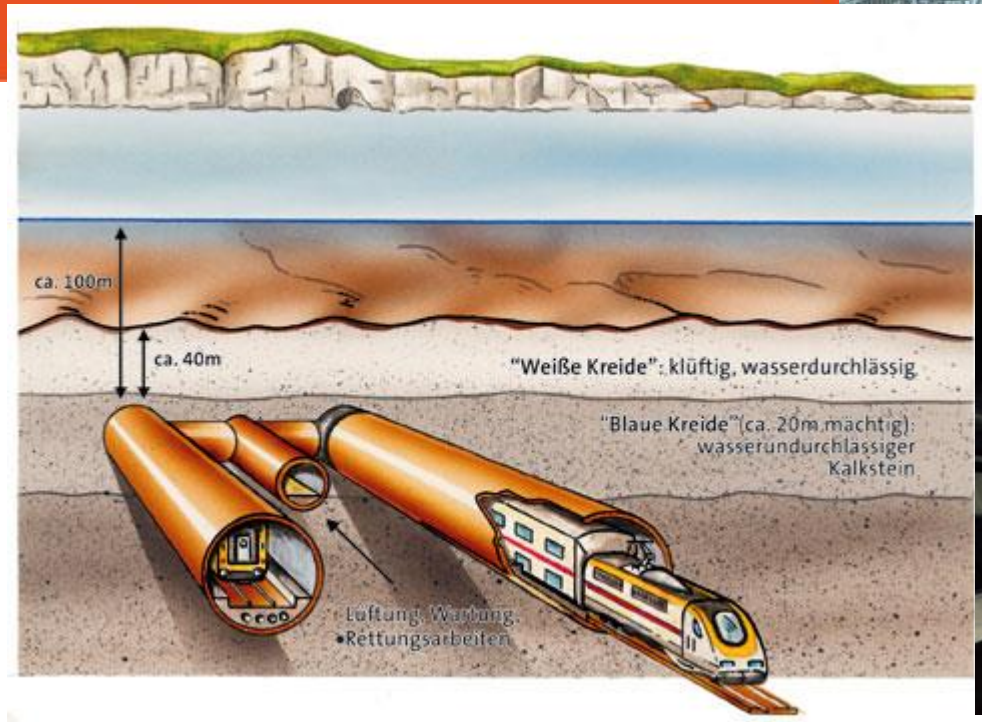
WO 2008/072262 A1

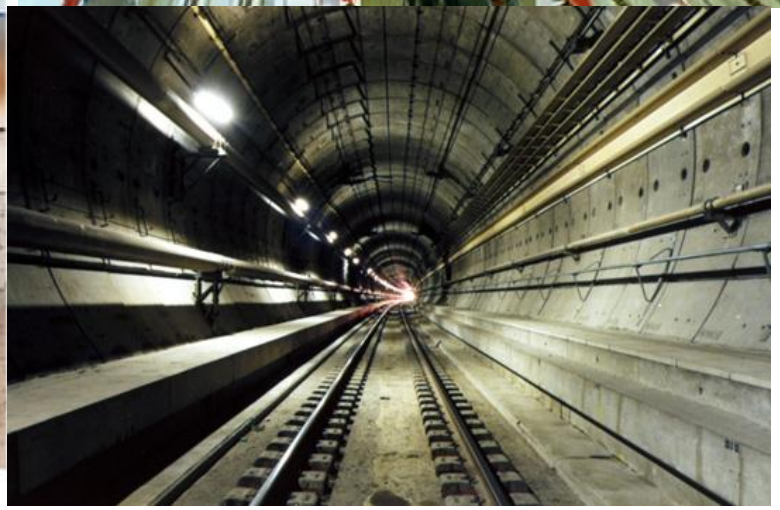
Here is the patent pending since 2008 about how to provide the world with water and energy



Here is a simple drawing showing first the hydropower and then the geothermal powerplant

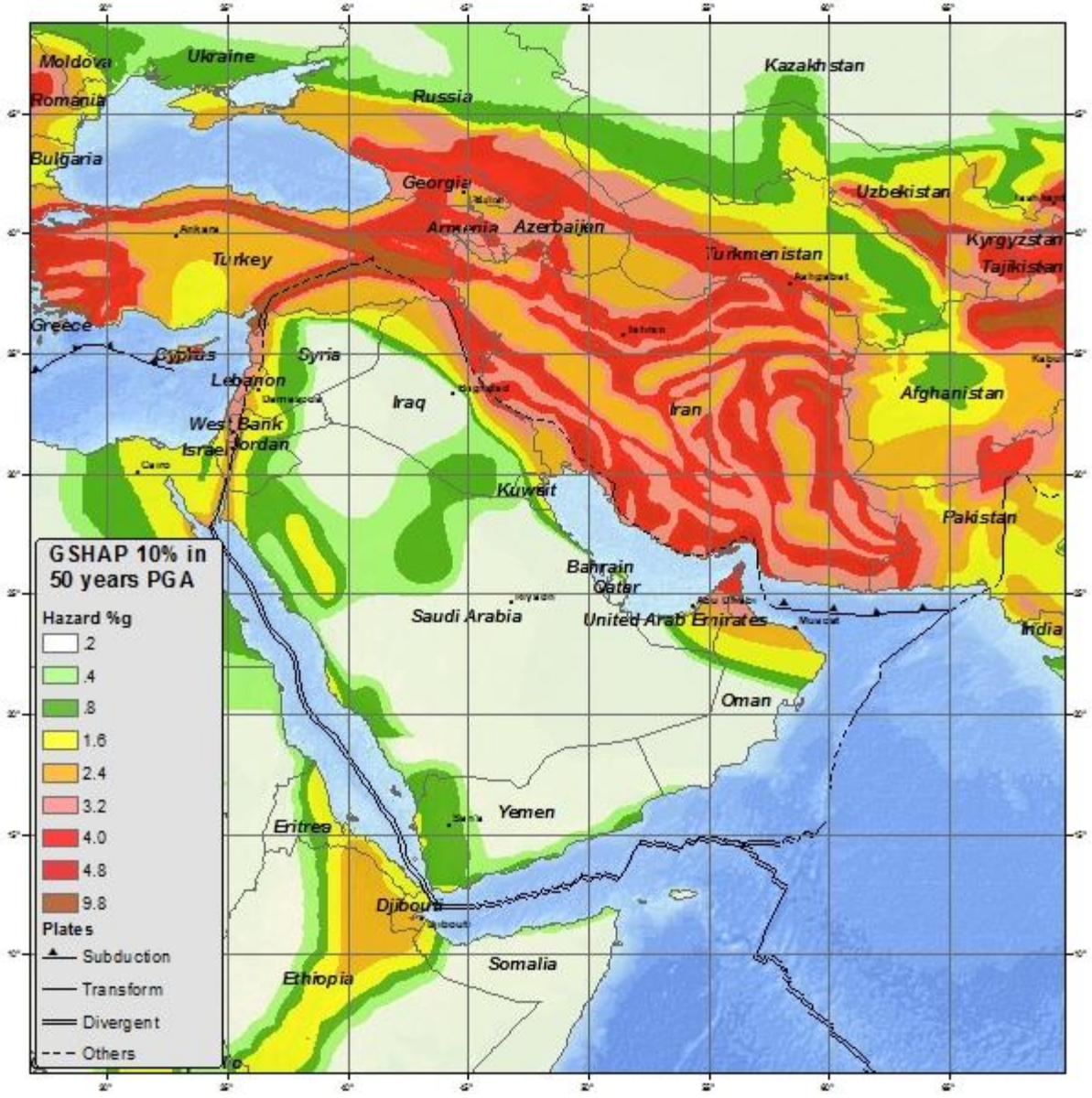




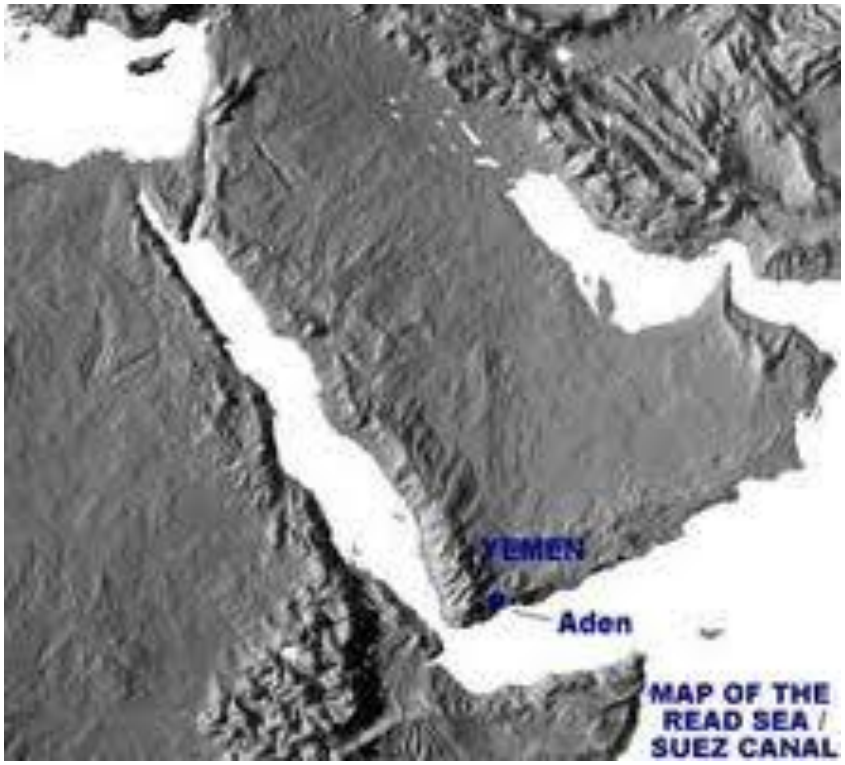


Tunnel under the ocean from England to France. We know how to make underground tunnels, hydropowerplants and geothermalplants

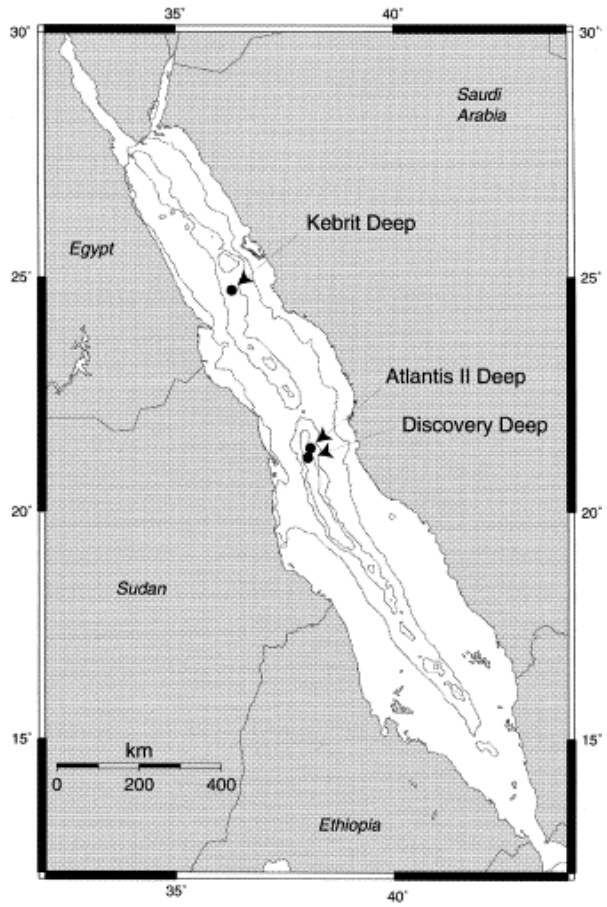
Now we go for example to the Red Sea and make some fiction drawings of how to use the invention in this area

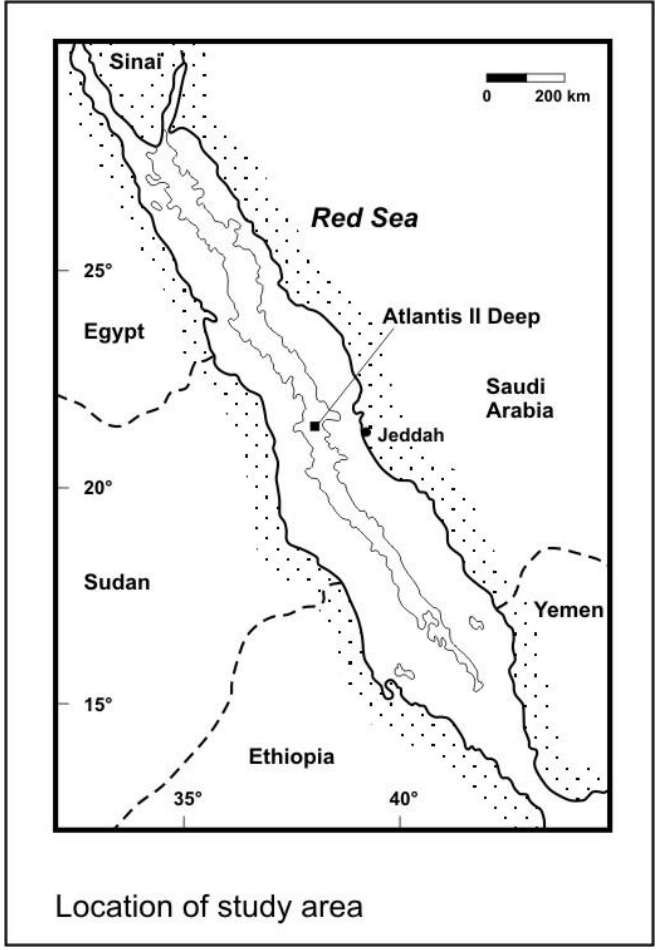


The area around the Red Sea is not the earthquake are.
The red area is the earthquake area.



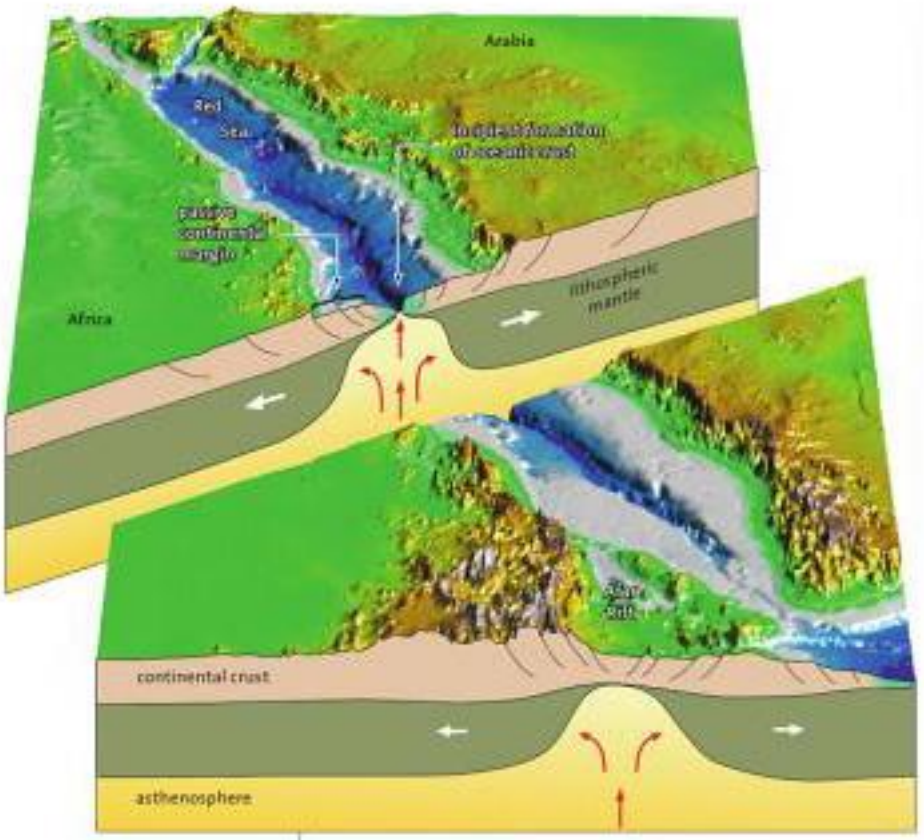
Here is the Red Sea. The ocean crust is thin and when spreading the ocean crust goes under the continental crust and makes the mountains million years ago on the coastline as we can see on this picture

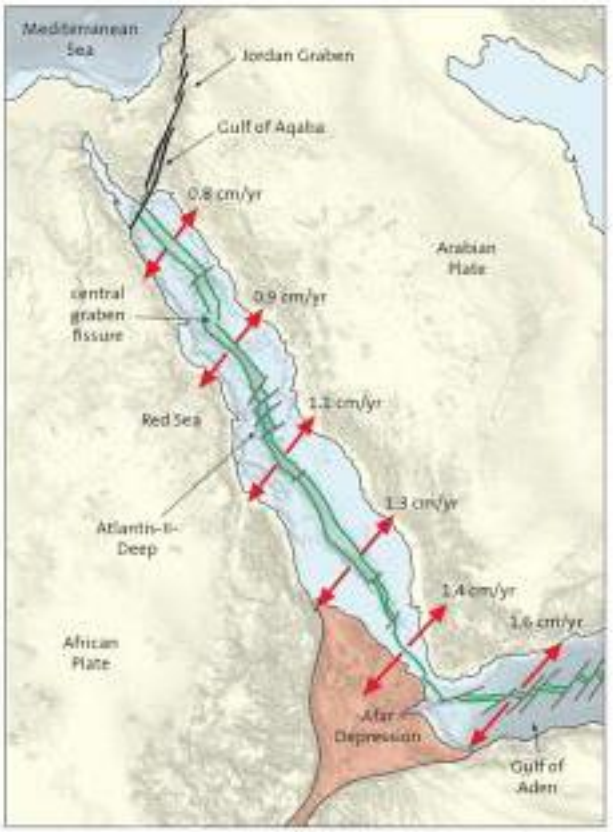




The Atlantis II Deep attains a maximum depth of 2,170 metres.
Atlantis II Deep is noteworthy because it is one of the areas containing hot brines, with water temperatures ranging up to 56 °C and salinities to 270 parts per thousand, which is about 7 1/2 times that of normal seawater.

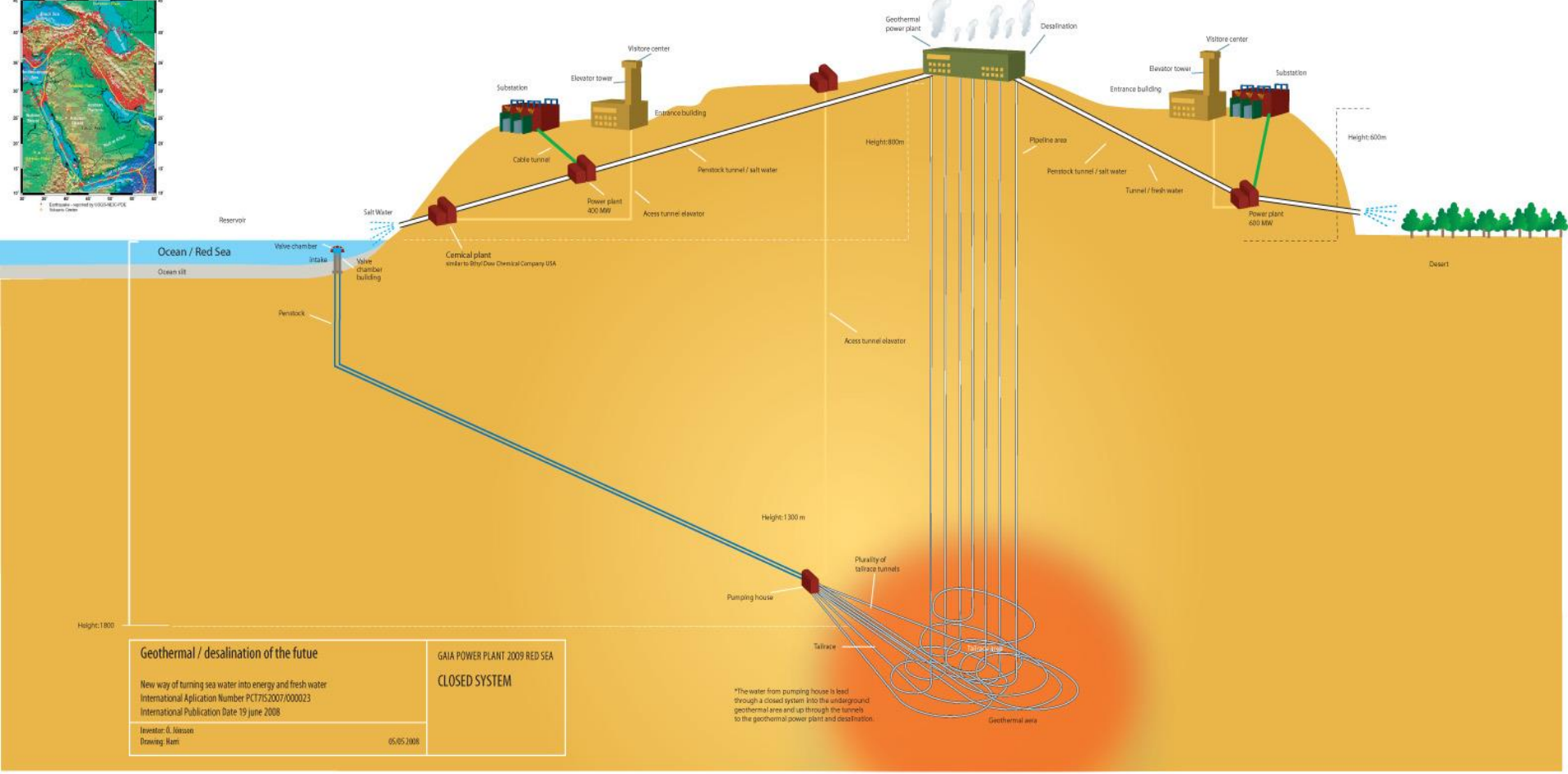
Metallic trace elements, such as zinc, copper, and cobalt, are present in concentrations exceeding those of normal seawater by about 1,000 times. The upper 10 metres of sediment in the Atlantis II Deep, which at places is 90 metres deep, contains economically highly valuable metal deposits. Similar but somewhat smaller basins known to exist in the Red Sea are Chain Deep and Discovery Deep, with maximum depths of 2,066 and 2,220 metres, respectively.



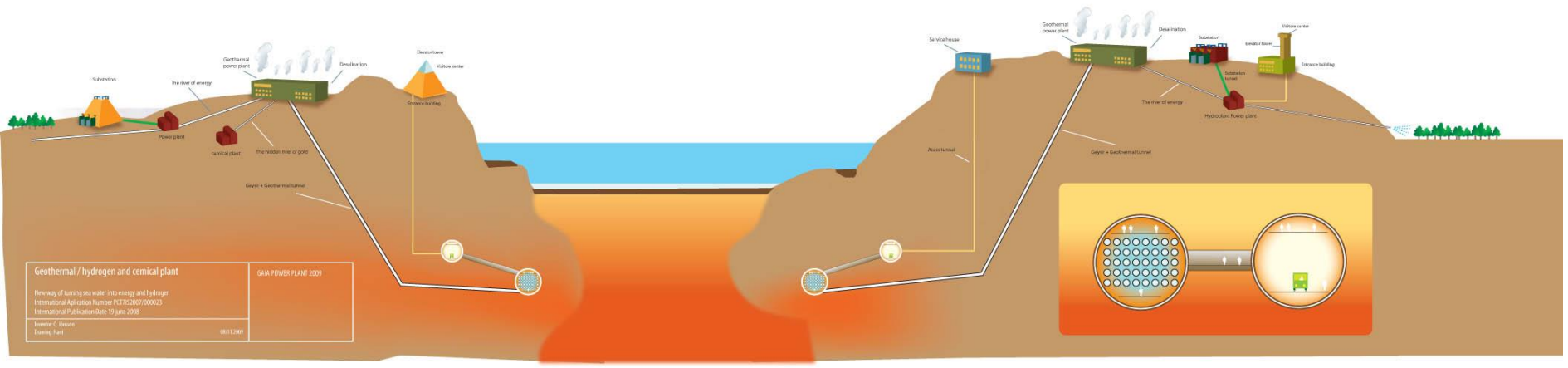


The ocean crust of the Red Sea is spreading to west and east- 1.4 cm pr. year the last 5 million years

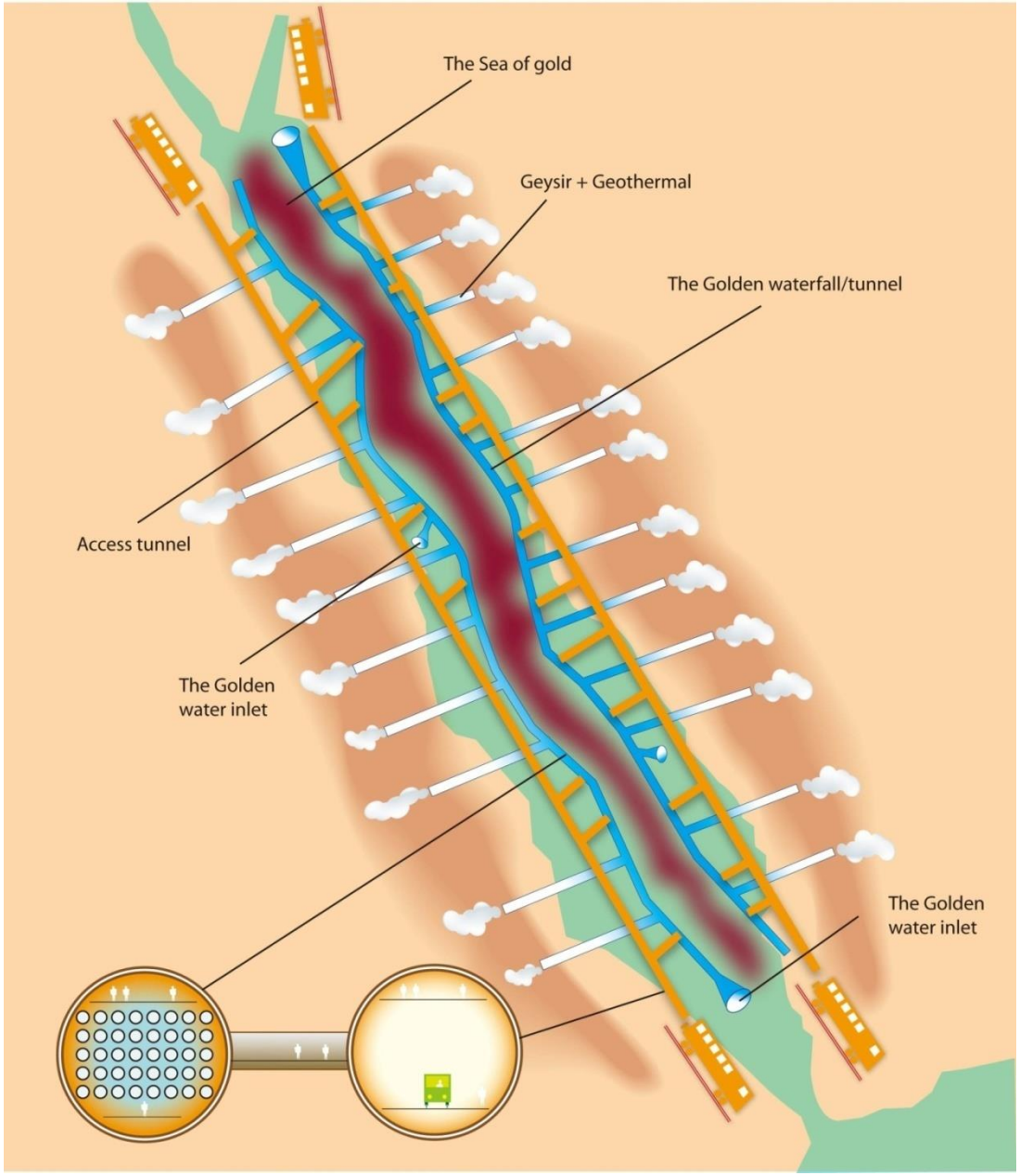
Through Bab Al Mandab Strait 500.000 cubic meters pr. second run into the Red Sea. Out and under some 400.000. cubic meters pr. Second of the more salt water



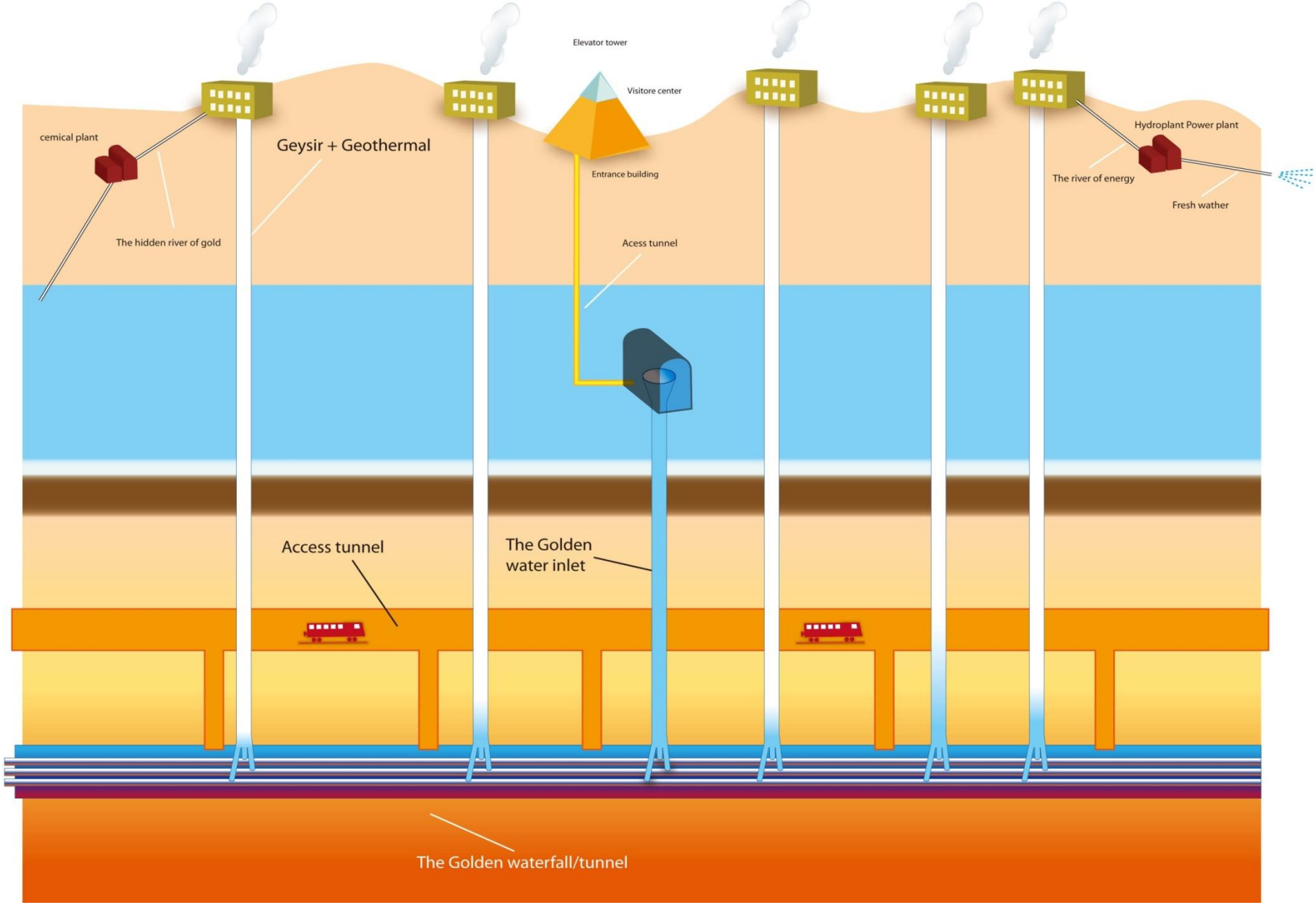
Here the ocean water goes in pipes through hot areas and then up to the geothermal plant. From there to the right through hydropowerplant. On the left the salt and metals go through the chemical factory on the way back to the sea



Here the ocean water runs through tunnels in pipes. There is also a railway tunnel for the service of pipe tunnel



On the coast of the Red Sea we could have some 50 powerplants each 1000 MW



Here we see this idea from the side. Both railway service tunnel and pipeline tunnel

Thank you!

Olafur Jonsson- nationality Icelandic- Information

Olafur has been a director for a company producing fuel saving computers for ships.
Several years director for modern art museum in Iceland.
Marketing manager on behalf of the Icelandic Export counsil, selling fishing equipment, specially high speed fishing boats.
For several years a school teacher.
Director for a fish processing plant.
Running a weatherstation in the Icelandic mountains for several years.
Fisherman and sailor on freighters sailing around in the world.

Inventor of green diamond tyres and shoe outsoles for slippery conditons, produced in Europe and US.
Later one Icelandic guy introduced this green diamond ousoles.
He got the Icelandic Innovation price and later the European innovation price.
One green diamond outsole factory is situated in Zhongshan China.
Olafur got Icelandic innovation price- for special suitcase design.

Art competition: Olafur got the first price with his friends in an official art competition- outdoor artwork for Geothermal powerplant in Iceland-

The new invention: Geothermal energy system. Method to produce electricity. International Application number: PCT/IS 2007/000023. International Publication Number: WO 2008/072262AI. Olafur Jonsson Id. Number: 070540-3719. Ocean water running through the hot crust. Hydropower, geothermal power and again hydropower. The salt and metals go through chemical factory. C02 cleaned from the ocean water.

The method is a green way to produce both fresh water in a big scale and electricity for the coastal cities in the future.