

NO WATER NO FOOD

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Climate change + growing population will result in Rising water demand + shrinking surface water supply



FAMINE TSUNAMI



5.3 billion

Two-thirds of the world's population will be living in an area of severe water and food stress by 2050 (UN).

Inter-ethnic conflicts and society fragmentation induced by drought and famine





Ultimate consequences:

Mass migration of populations leading to broader conflicts





Broader conflicts and wars



Author under protection in Nothern Chad by MINURCAT



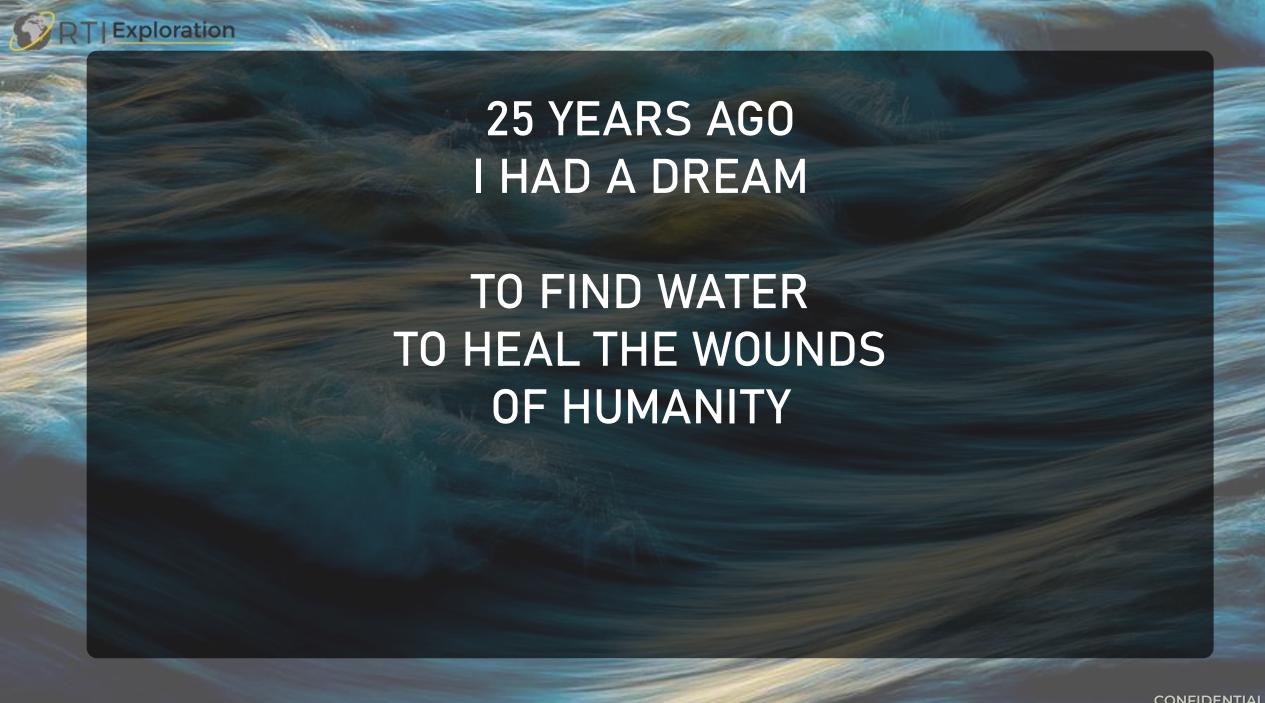
What can we do to alleviate drought and hunger?



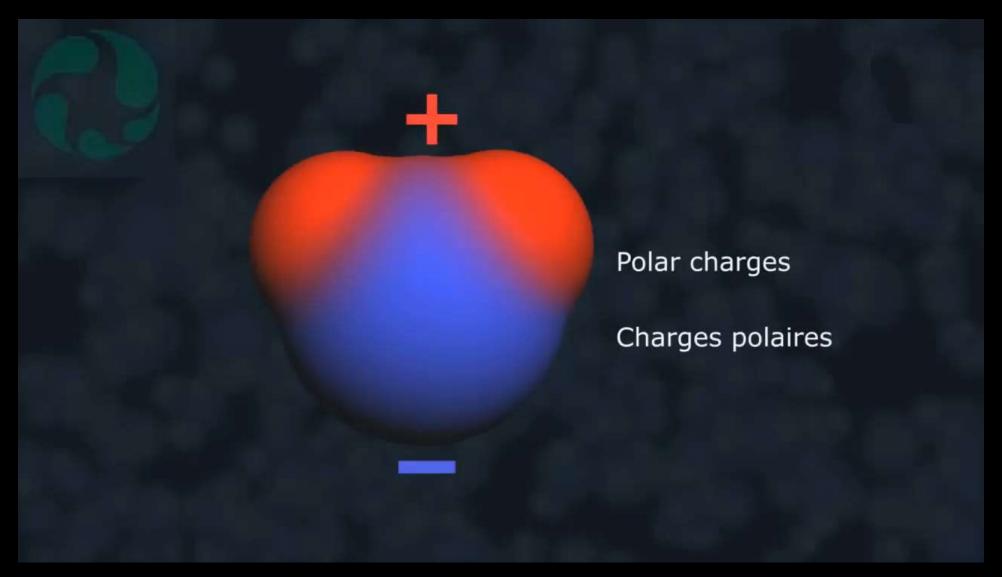


25 years ago I understood that water was the key factor to feed humanity The only commodity on earth to convert despair into hope

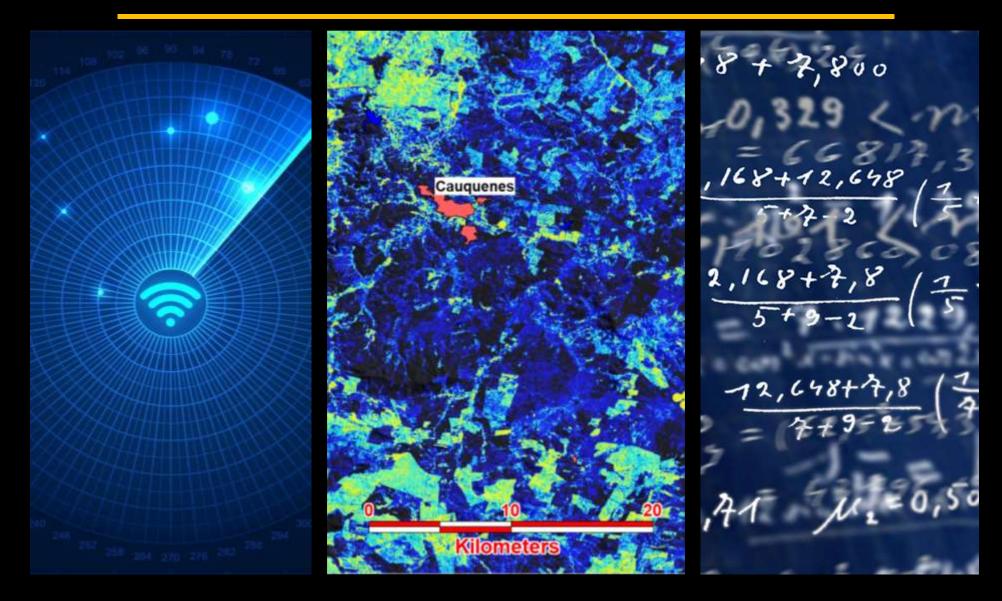




This dream led me to the heart of the extremely strange and ... attaching behaviours of the water molecules

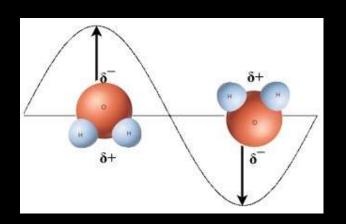


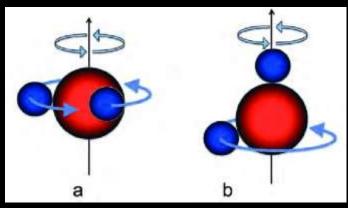
Quantum physics became the architect of my dream

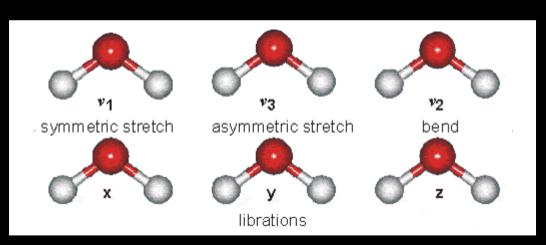




By understanding in my kitchen, the water molecules agitation accelerated by microwaves in a microwave oven







What is happening in a Microwave oven?

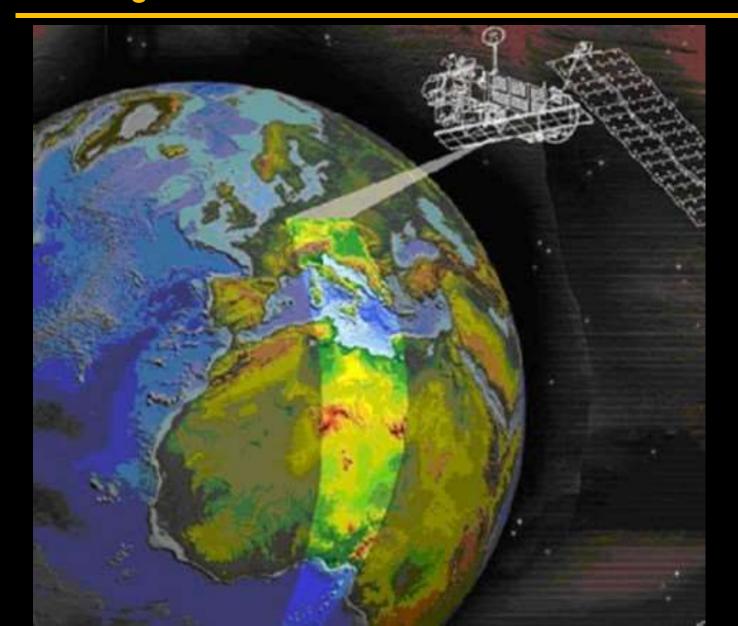
Your food is heated by accelerated water molecular agitation in your plate: how?

The water molecules are now stimulated by microwaves from 4 to 5 billion times per second, impacting each other.

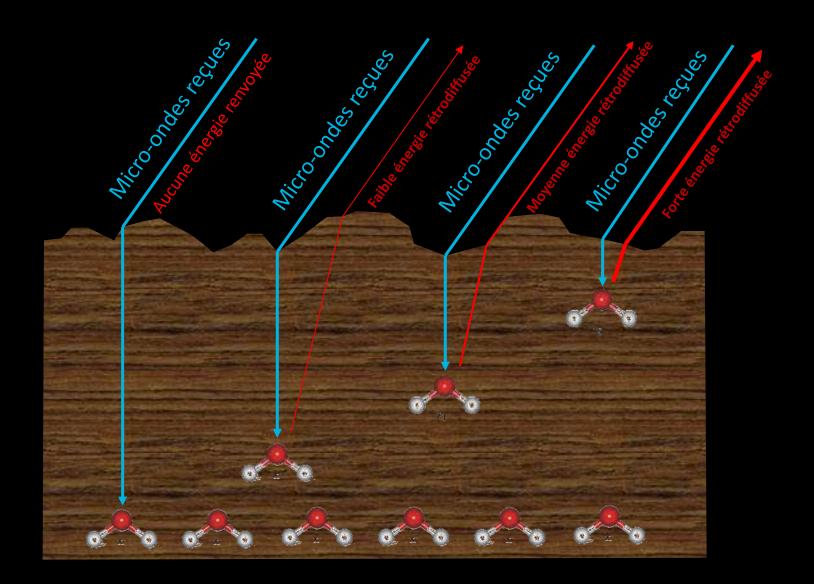
Each impact creates energy transfers which heat the food in your plate



But we can do the same, on greater scale, with the radar satellites by scanning the surface of the earth from 800 km high

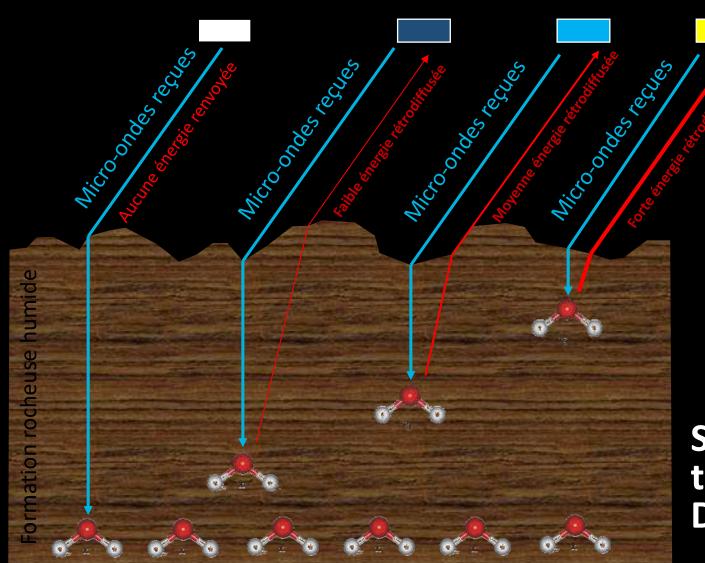


The microwaves sent by the radar beam, penetrate underground to create agitation of water molecules trappped in wet soils, all over entire countries





I created the WATEX™ System to convert water molecules agitation energy into colour coded maps from yelow, blue and black => Quantum Physics (E = hn)

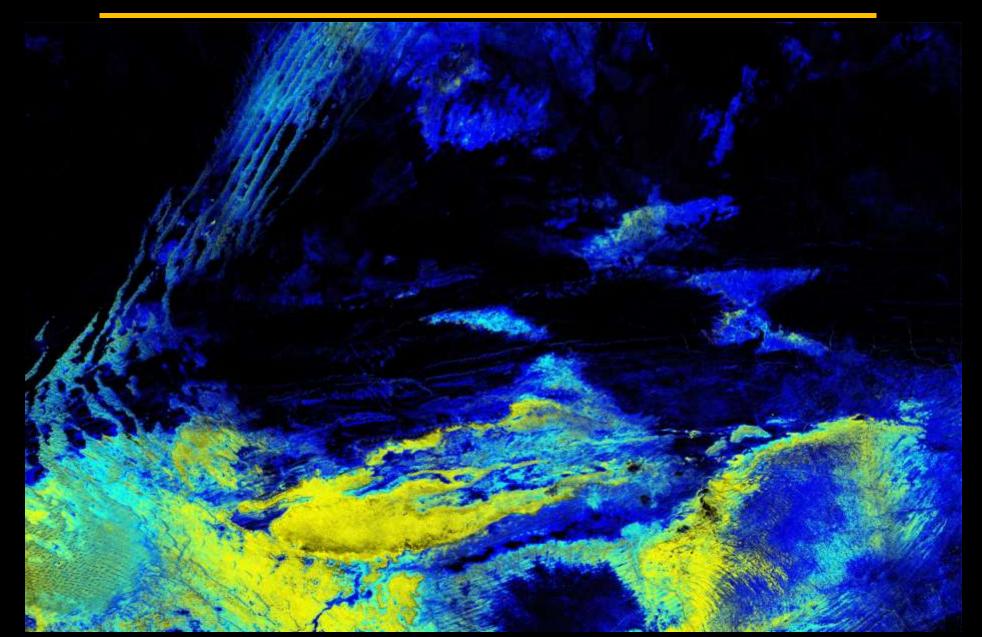


Each impact creates energy transfers back to the satellite

Such return of energy infers the presence of groundwater Deeper in the soil

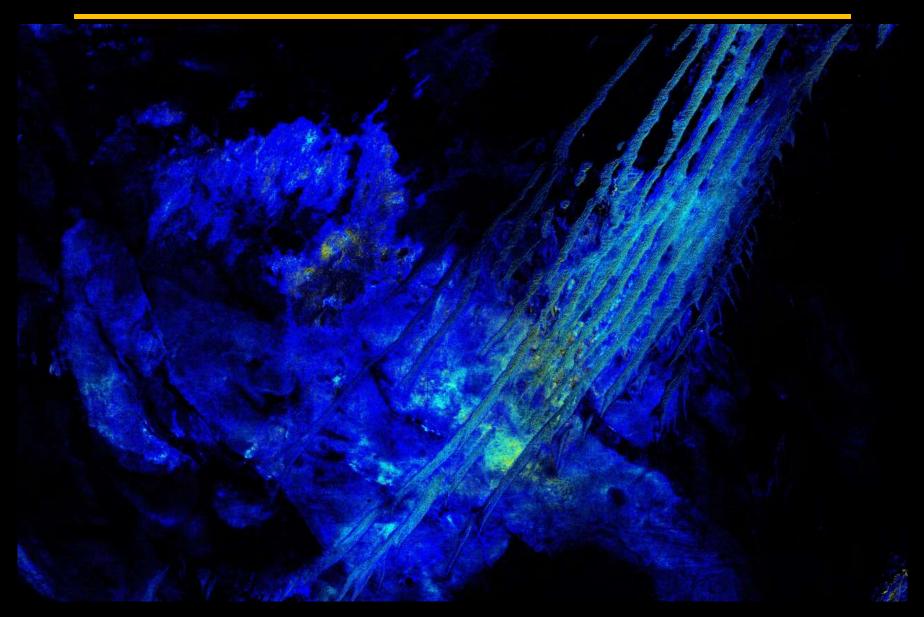


And suddenly the world uncovered its treasures: spectacular underground galaxies created by the dance of groundwater molecules





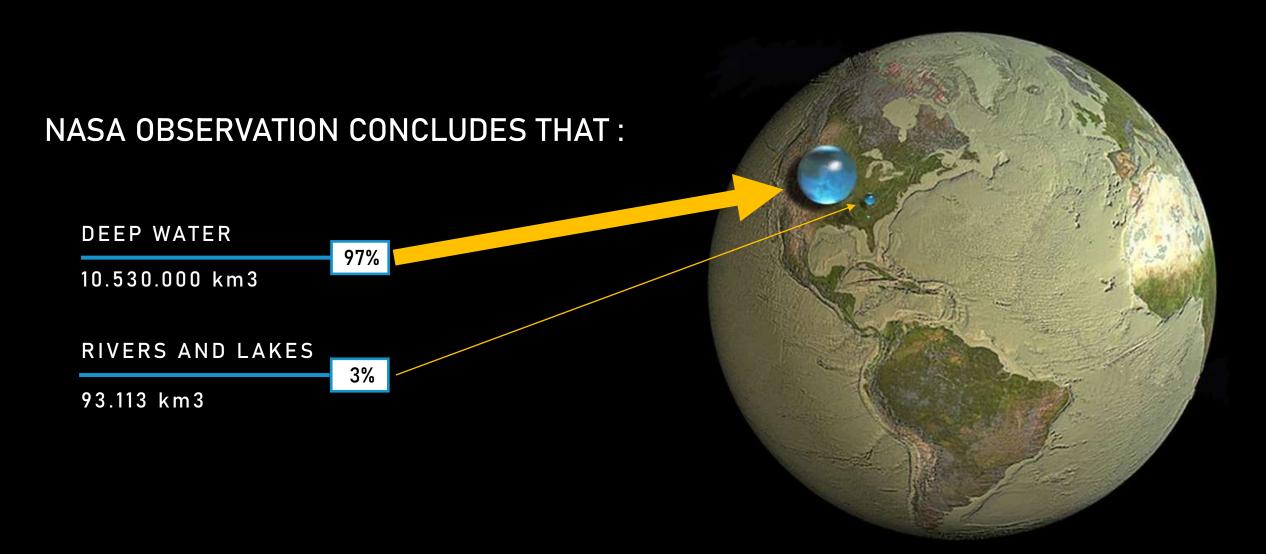
The immense beauty and generosity of Nature revealed by singing and dancing groundwater molecules under Mauritania





Uncovering the invisible gifts offered by Nature

deep water reserves = Water for the future

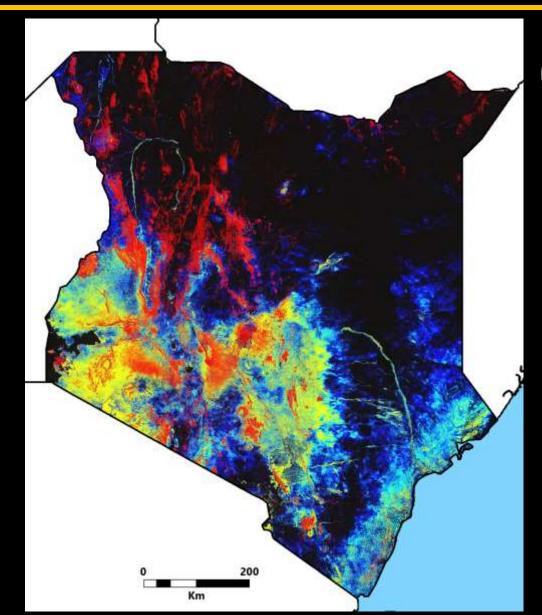




Gift of Nature converted into maps: The WATEX™ System revealed the invisible water stored underground in Kenya.

KENYA grounwater mapped from 5 m to 60 m not visible from surface

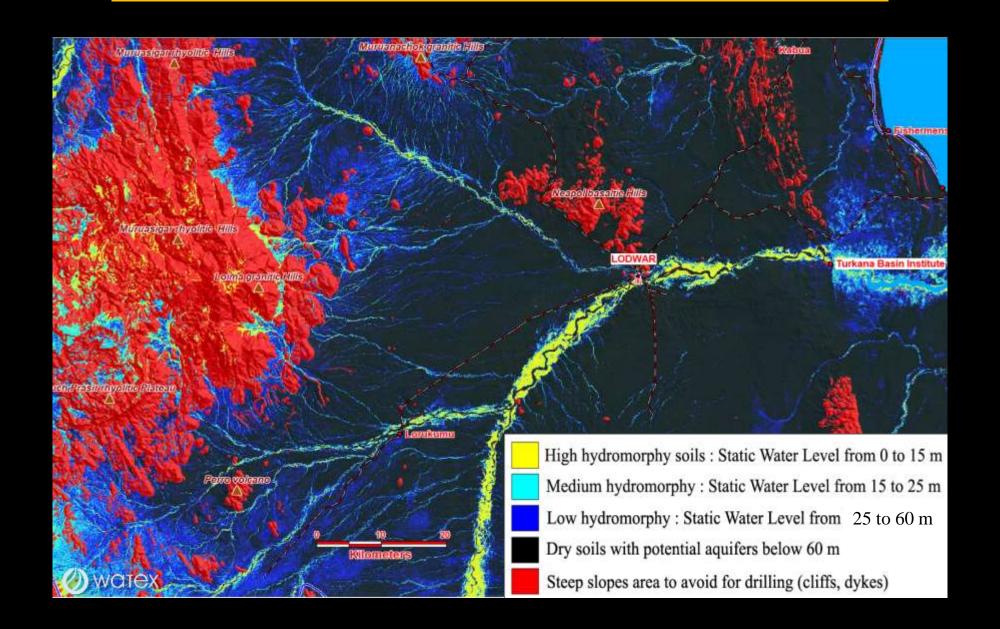
This map of North Kenya, tells where and how deep to drill with a success rate of 98%







From this WATEX™ image of North Kenya (July 2021)



We converted the dream into reality



We knew exactly where to drill and in 3 days, RTI unlocked the water of a gigantic aquifer in North Kenya



Fast drilling for Decentralized Autonomous access to drinking water and small-scale irrigation







Fast low-cost clusters of prosperity to supply water and food to communities and their cattle









REFORESTATION

A nation that destroys its soil destroys itself.

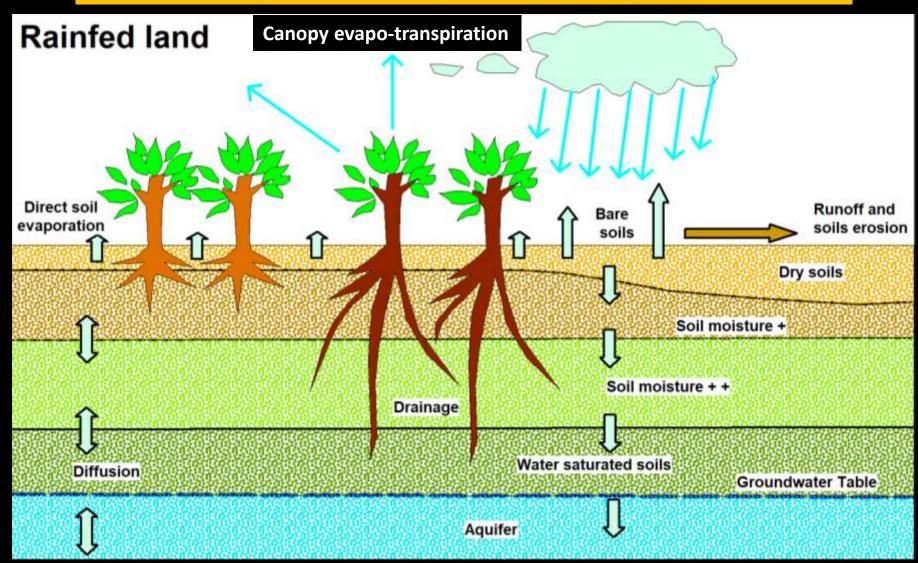
Forests are the lungs of our land, purifying the air and giving new strength to our people.

Franklin D. Roosevelt



Reforesting why?

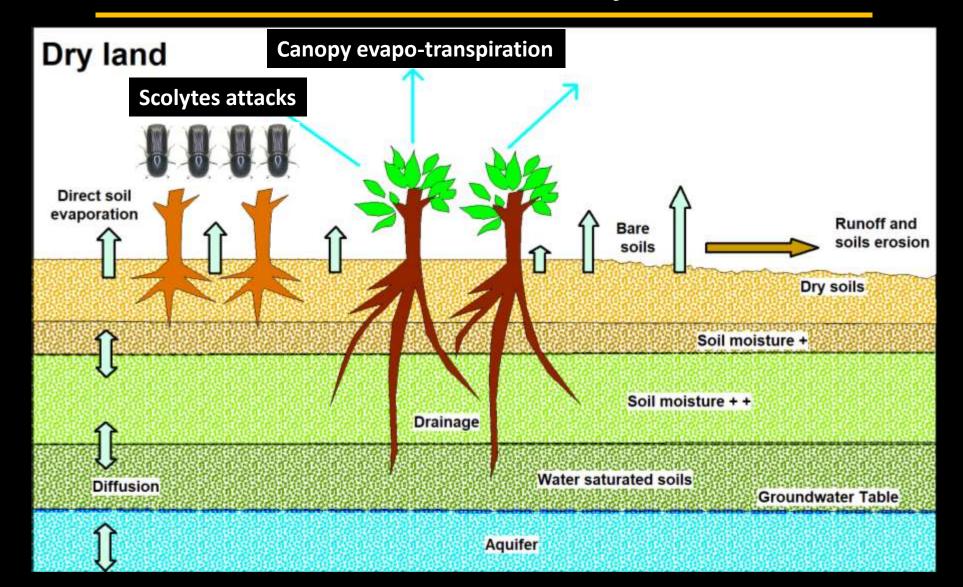
Vegetation cover and soils protect groundwater from evaporation and promote aquifer recharge

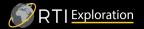




Climate change is making some trees more vulnerable than others.

Trees can survive drought and insect attacks only if their roots reach the saturated zone: dry trees are vulnerable to fires.





Reforesting what? Long root trees can resist drought

Acacias are fast-growing, well-adapted to dry and hot countries, and have an ability to germinate easily when cut. They require minimal management

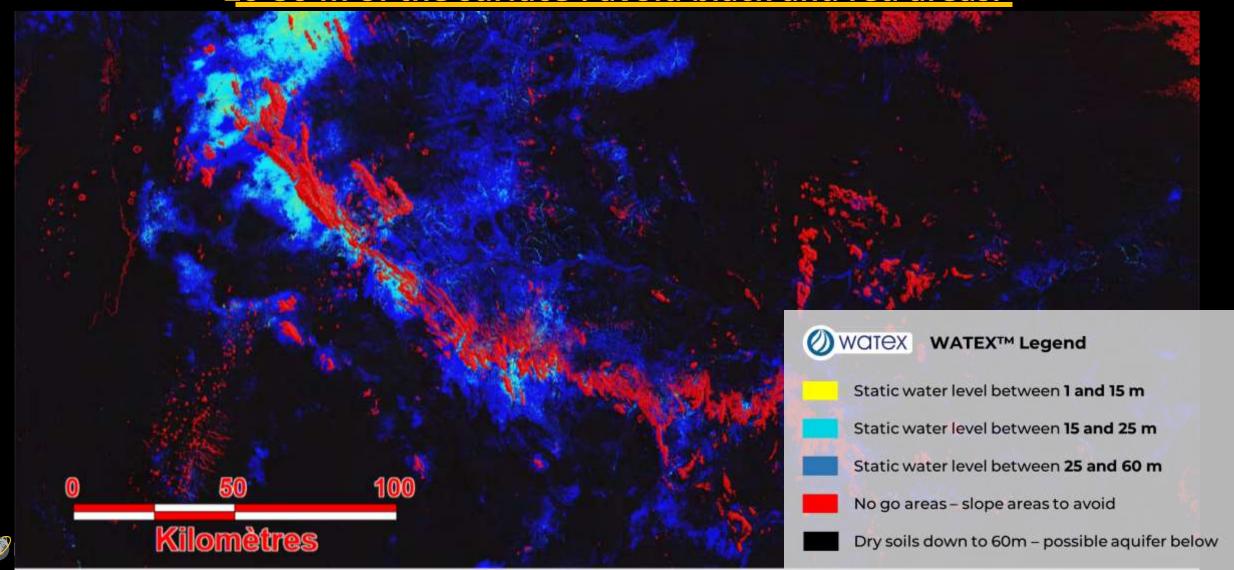
- Tamarin (food)
- Caroubier Ceratonia Siliqua (food)
- Acacia senegalensis (Arabic gum)
- Acacia Mesquite (food for livestock and 20 m long roots)
- Acacia cachoutier (Cachou)
- Acacia Nilotica (Medicinal use)
- Shea tree (The extensive root system is essential for surviving the dry seasons of savannah climates. It can withstand heavy fires)
- Boswellia (Incense tree)
- Arganier (25m long roots)

Ban Monoculture: spruce, eucalyptus, cannot feed humanity



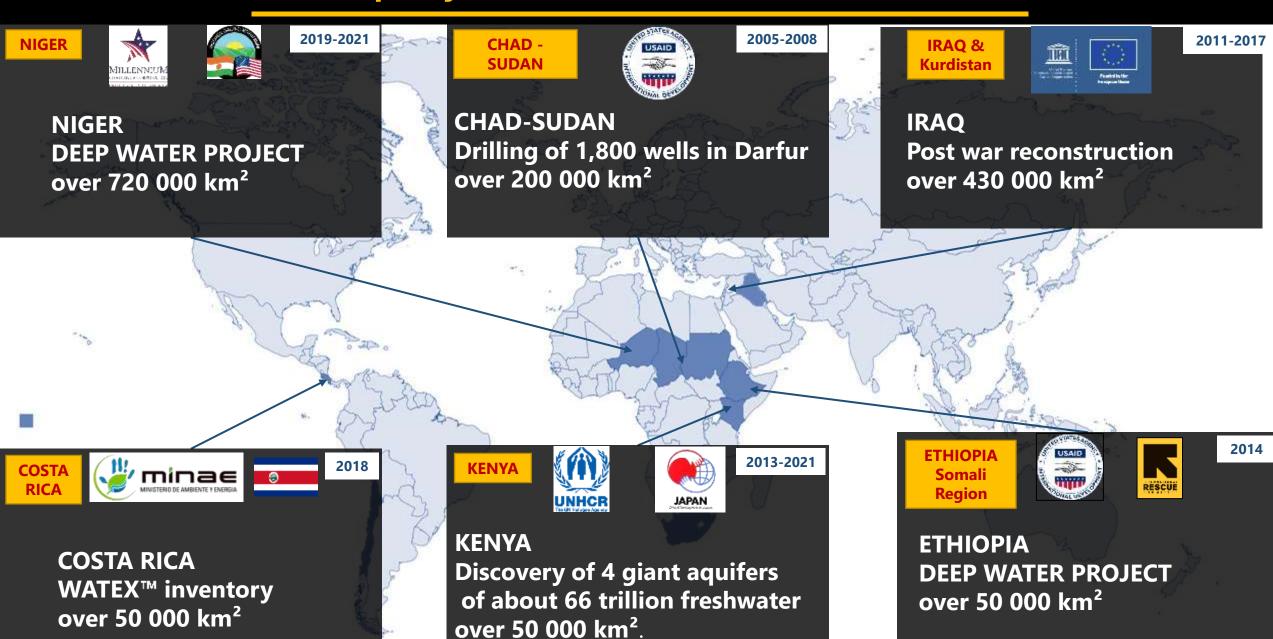
Reforesting where?

Reforestation should only be done where the roots can reach the water within 20-30 m of the surface : avoid black and red areas.





RTI projects achieved since 2004



Dr. Gachet inducted in the HALL OF FAME by the Space Foundation April 2016, in Colorado Springs

« Head in the stars, feet in the dust with Buzz Aldrin»







"Do what is necessary"

"Do what is possible"

"And suddenly you realise you are doing the impossible"

St Francis of Assisi



Thank you for your attention

