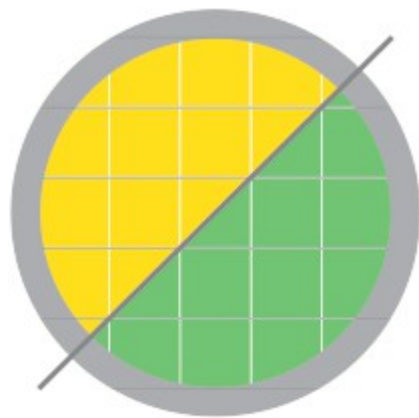


# Deserts Become Economic Areas

*Glantz.*



desertcorp

# Desert exploitation (summary).

- Piping seawater controlled into desert areas to feed of hundreds of thousands 25 ha sized family farm sized aquaculture and agriculture plots with salt water.
- Developing desert based salt water driven aquaculture (fish, scrimps, other seafood and various expensive export sea flora crops).
- Developing desert based salt water driven agriculture (halophytes: crops that like salt water).
- Lowering the daytime temperature of deserts with 10 degrees Celsius by doing this (due to evaporation and rain).
- Delivering rain to desert nations by doing this (due to evaporation and temperature changes).
- Making deserts in a market driven (not governmental subsidized) way green and economic productive.
- Turning deserts in a market driven (not governmental subsidized) way into viable economies.
- Delivering desert owning nations an economic boost, economic diversity and addressing youth unemployment instantly.
- Deserts will become a huge national resource/potential just like oil/gas are. All desert nations will be prosperous nations.
- The concept is been proven for centuries. George Washington for example was big in salicornia farming.
- See the CNN documentary on the salt water aquaculture/agriculture test fields of Carl Hodges (Mexico, Eritrea, etc), that is published on [www.desertcorp.com](http://www.desertcorp.com).
- See [www.desertcorp.com](http://www.desertcorp.com) for more texts, documents and movies on this.

# In a turnkey national PPP model.

- We know how to do it (biological)
- We know how to do it (technological).
- We know how to do it (financial).
- The only thing we need to get started in a nation is a signature of the Head of State on a one page PPP document. We take it from there.
- The States that sign our one page PPP document will have both a 50% share and a veto right in this national Desert Development PPP.

# What's the global potential?

- Delivering an economic boost to all MENA nations with deserts (by the seawater based model).
- Addressing the increasing global desertification problems (by the non-seawater based model).
- Solving global food supply challenges (by doubling the global food output potential).
- Preventing further escalation of global tensions on water and food issues (don't underestimate this).
- Delivering the global economy another cycle of three decades (it will boost the global economy at large).
- Buying the global economy three decades time to move into more sustainable directions.

# The global deserts are huge.

- 70% (70,8%) of the earth's surface is water mass.
- So only 30% (29,2%) of the earth's surface is land mass.
- 33% of the global land mass is desert.
- 33% of 30% is 10%.
- 10% of the global surface is desert.
- 10% of 510 million km<sup>2</sup> = 51 million km<sup>2</sup>.
- 51 million km<sup>2</sup> = 51,000,000 km<sup>2</sup>.
- Quite an impressive area.....

# Mapping the global deserts.

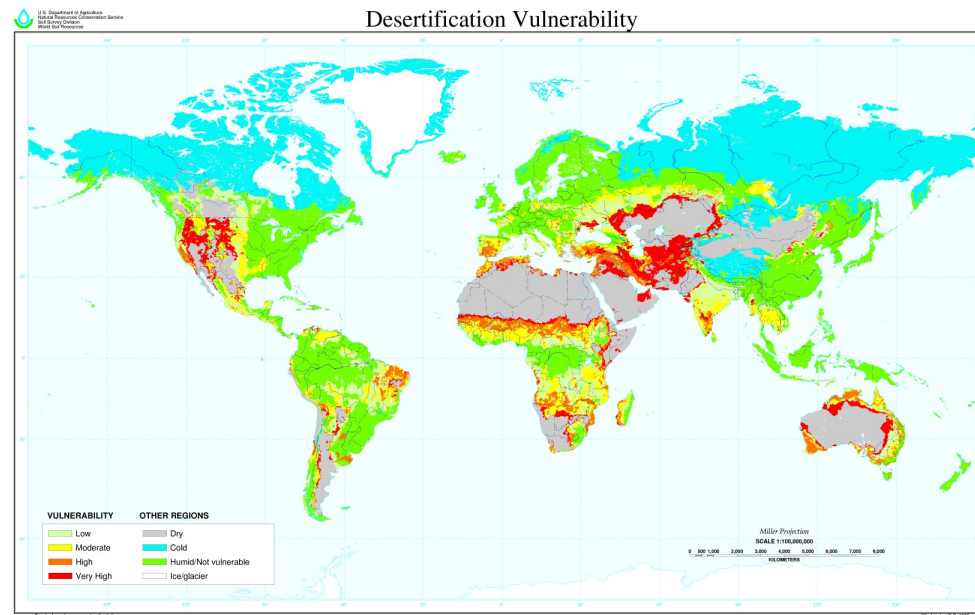
(30% of land mass or 10% of global surface)

(see our site for a year around dynamic global desert map of NASA)



# Desertification is still growing.

- By wrong land management desertification is rising at rapid pace (red = desert growth areas) all round the world.
- Desertification is not a binary (yes/no) situation, but an active wrong management driven process.
- See our site for a dynamic NASA satellite map with year around seasonal imaging.





# Deserts = Economy

- Currently deserts are economic totally dead (so for the full 100% dead). There is some minor tourism, but further deserts are economic dead. So turning deserts into economic areas makes quite a difference.
- Stupid/blind/idiot waste of money? Not if done right. The first key is how to do it (key facet: not fighting nature, but let nature do the fight in your advantage). The second key is targeting low hanging fruit first (key facet: minimal investment strategy).
- So 33% of the globe's total landmass is currently economic dead, yet waiting to be greened and explored, but only done by the right models it will deliver the desired huge ROI.
- All the great business models i.e. economic sectors of the world have in common that they turn dead assets into productive assets. We'll make 33% of the earth's dead landmass into vibrant producing economies.
- Our model will create a lot of value for a very long time, as almost no other economic sector before.

# Using Ocean Water. (using the global abundances)

- What are the two most powerful facets/USPs i.e. abundances of all deserts? Space and Sun. What's is the most powerful facet/USP/abundance of oceans/seas? Salt Water. Combining those three abundances will deliver abundance in both food and energy: artificial new Amazons.
- When a bank robber was caught and appeared at court, the judge ask him 'why you robbed the bank?'. His answer was: 'because there's where the most of the money is'. This pragmatic approach applies to water too. The most of world's water is in the oceans. It's salt, but that's no problem. No problem? Why?
- The salt water agriculture model is suitable for sand deserts with currently (almost) no rain at all. Contrary to the perception this solution is the easiest of all de-desertification models. It can be done easily on the 45,000 miles of ocean/desert borders of the world. In these coastal regions multiple manmade salt amazons could be created.
- It will generate also evaporation and thereby increase the rain volume. It will also harvest each night condensation that desalinated/balance the water intake severely (as 3D structures like flora multiplies the condensation process, will their shadow decreases the evaporation process).
- The evaporation of this ocean water will cool the region down (water is a high energy absorber: the 'air conditioner' of the world), reduce evaporation and bring rain to the region.
- We're very keen on not salinating existing sweet ground water reserves while doing this.

# Using Halophytes. (the forgotten branch of biology)

- There are 10,000 Natural Halophytes that grow on dry land using saline (salt water) and thereby can be irrigated with salt water. Halophytes can handle the salt internally on cell base. Halophytes are what made the salt mangroves that still covers the coast of parts of America, Africa and Asia. This salt water based agriculture model is developed and promoted by Dennis Bushnell (chief scientist of NASA Langley Research Center), Carl Hodges of the Seawater Foundation and Hazel Henderson among many others.
- The main crop could be Salicornia (<http://en.wikipedia.org/wiki/Salicornia>): their beans are rich: they contains 30% oil and 35% protein: making them better than soy. While soy production destroys landscapes and ecosystems, salicornia production restores landscapes and ecosystems. Imaging that this crop will grow in the world's deserts: the global food production would be more (with capitals: MORE) than every needed. Saline agriculture delivers also live stock fodder production for the world market, pushing round-up driven GMO environment destroying soy of Monsanto out of the market. There's no global food problem. There's a global misdirection i.e misperception problem. One that could be easily fixed (see the next slide for how).
- Seawater contains some 80% of the nutrients to grow plants. The other 20% can be added organic (aquaculture like fish etc. based on feeding salicornia and as waste producing fertilizer) or by technology produced fertilizers. Organic is the best (creating a full recycling system with no chemical input and no external imports/demands). Each plot of land has an own salt water channel part that could be used for aquaculture (fish, shrimps, seaweeds). Seawater also contains trace minerals etc. essential to a healthy diet which we have depleted from the usual farm lands. Growing crops by irrigation with seawater should provide improvements in overall human nutrition.
- Beside salt/halophyte agriculture, salt aquaculture could produce massive volumes of very luxurious flora and fauna species for the global gourmet food market. Salt water bushes could provide leaves and wood for several industries.

# National Effects.

- As result of desert development the regional and national economies will be autarkic in food, water and energy.
- They will grow fast and the results will deliver stable economies: no bubbles, just each day delivering structural improvement.
- Their monetary system will be more stable than ever. Less imports and more exports means a lot for the health of a currency.
- Their employment rate will become close to 100% (full employment). Youth unemployment will be close to 0%.
- They will attract 'green tourism' at large scale by the mangrove type of inland 'coast line' expansion: warm water in a green environment with lots of sun: 'paradise in a nutshell'. Cabins in this setting will be rent out fully the whole year around. In this 10.000 km<sup>2</sup> wide mangrove looking, but by boat easy accessible landscape tourism will explode.
- They will create an emerging manufacturing industrial sector. How? All needed technology and knowledge will be published in open source environments (with crowd sourcing). So the models of the CPS, of salicornia based biodiesel factories, of barges, of pumps, of sowing machines, of harvesting machines, of processing machines, of warehouses, of crops, so of anything needed. They could be realized by anyone / any company. This lowers the threshold of starting new businesses significant. Open source technology will deliver an economic boom in national manufacturing too.
- As the whole area will function also as a breeding area (warmer not deep waters) for all types of flora/fauna the sea/ocean life will be exploding. Delivering more volume to the offshore fishing industry too.
- It will deliver per system a 10,000 km<sup>2</sup> green area where first was desert. The evaporation and the water presence (water attracts water) will deliver rain in a much more wider area.
- The waters if the per system 10,000 km<sup>2</sup> wide green area will deliver a new huge fishing area in all the channels.

# Global Effects.

- Knowledge for regular agriculture. The knowledge on the first move (implementing halophytes) can also be used for current in use agricultural land that's in moving into salivation (caused by irrigation out of saline aquifers). Halophytes could restore them by absorption of the salt. Also the fish/shrimp/algae/weed cycle (the wet part of this model) will become a game changer for regular agriculture too: it will be applied everywhere (as it solves mineral problems, waste problems and fertilizer problems).
- End of importance of the threat of food DNA patent monopolies i.e. private corporations driven private / non state global food 'taxes': The global food patent scheme of the USA (the next global economic skimming after the dollar as global reserve dominance is gone) will be out phased and just made irrelevant in volume.
- Abundance: The global food/water/energy supply will be insured for ever. There will no food/water/energy wars ever more.
- Global economic recovery: The global economy will get a new thrive that will last for decades: delivering the Global West the time to adjust themselves to new (sustainable) realities.
- Rain in dry areas: If done voluminous (many of such 10,000 km<sup>2</sup> systems) the amount of global rain in the dry areas will increase significant (due to more evaporation).
- Mineral recycling: Ocean water use recycles the now 'lost' minerals that drains to the ocean. It makes the world's mineral system cyclic: a huge sustainable step forward for mankind.
- Rise of the Global South: The model delivers the Global South an easy ticket into the world markets as food/water ('food is embedded water export') and energy are easy to access global markets. By this model the Global South will become an important part of the global economy.
- More awareness/sensibility on sea/ocean pollution. Consuming fish was a huge driver of this awareness/sensibility. By the use of ocean water as irrigation this awareness will boost once again. More nations will gone see the ocean/sea water and by that the oceans/seas as one of their critical resources and political intent/power to protect oceans/seas from pollution will rise.

# The semi-desert model for recent green regions. (using rain and condense instead of seawater)

- For semi desert bordering regions with more than 100 mm rain annual there's a presentation on the internet that explains the than needed kick starting of nature for Desert = Food perfect: [Peter Westerveld on TEDx on Desert Agriculture](#): a video of 20 minutes with illustrating animations (this is a must see video: watching it will change your view on desert borders for ever).
- Just dig trenches and than nature will do the job further (really, nature will do that, using the power of nature...). Why?
- Guiding rainfall into the soil (what otherwise would be evaporate the same day): it will deliver instant flora (making areas green).
- Flora multiplies nightly condensation based input (condensation is driven by flora's 3D surface extension) and flora also delivers more shadow (reducing evaporation during the day).
- Kick starting nature also delivers additional a mega volume of natural 3D elements into the landscape that a) delivers more shadow and therefore less evaporation and b) harvests the night condense maximal (often more than 10 times the rain volume).
- The problem with semi deserts is the fragmented land ownership. This is the huge chokepoint that must be solved before this model could be implemented. It could be solve (as it the result is value adding for all landowners).

# How to use rain/condense?

- Greening the >100 mm annual rain areas is as simple as processing the sand soil by a specially designed and on solar power driven (fuel free operation) huge vehicle.
- The parts for these vehicles (except the electro motors and solar panels) could be within the nation build and the vehicles will be assembled on location. They are huge (they have 4 wheels of 5 meter diameter and 1 meter wide and are 500 m<sup>2</sup> big in size and are by design well protected against sand driven parts erosion). They are powered by 4 electric motors of 60kW delivering a total of 326 hp.
- Each of these giant vehicles can process up to 1 km<sup>2</sup> (100 ha) of desert each day (due to its relative high operational speed). Delivering a parallel soil cut pattern that takes care of the main purpose of this all: getting the rain absorbed by the soil before it evaporates (and so storing water). With as operational variables: v for sun power, w for soil hardness, x in distance, y in width and z in depth: Together these 5 factors determine the actual operational speed of these vehicles at any given location.
- These vehicles also map the deserts by use of GPS and analyze the desert soil by using of a wide variety of analyzing equipment: data convenient for all improvements. These vehicles also 'houses' both the operational and research crews in light weight containers: all having a room of their own (as the vehicles are 500 m<sup>2</sup> in size).
- We'll also 'transplant' (deposit) a very little quantity of soil from green areas into/on the soil. This speeds up the kick starting of nature (soil life processes) tremendously.
- We'll also deposit some of the seeds of the wanted crops into/on the soil. This speeds up the commercial side of the exploration process.
- These processed areas are greening within 2 or 3 years (depending on the time of the year the soil is treated) and could be sold to farmers for permaculture (live stock in combination with nuts/fruits) first and later on a combination of permaculture and regular agriculture (but permaculture always have productive/financial/ecological the upper hand on regular agriculture).

# Deserts = Food

## Sea water based

- Only sand areas with no annual rain fall and if they are located within hundreds of miles from ocean borders could be used for salt water flora by utilization of the some 10,000 Natural Halophytes that grow on dry land using saline (salt water). This salt water based agriculture model is developed and promoted by Dennis Bushnell (chief scientist of NASA Langley Research Center), Carl Hodges of the Seawater Foundation and Hazel Henderson among many others.
- Thermal solar power plants in the neighborhood also can also deliver huge amounts of sweet water steam output in the air that will condense at night in their surroundings. This is another reason why a comprehensive food/energy approach is the right one. They also could deliver sweet water for fresh water based aquaculture. Having more water in the air due to solar thermal power plants steam output and soil due to the guiding of rail into the soil and due the huge condensation volume of 3d structures like plants also calms temperatures (both in day's heat and night's cold).

## Rain water based

- For deserts with > 100 mm rain annual there's a presentation on the internet that explains the for those areas needed kick starting of nature for Desert = Food perfect: [Peter Westerveld on TEDx on Desert Agriculture](#): a video of 20 minutes with illustrating animations (a must see video: watching it will change your view on deserts for ever).

## General

- Salicornia | Meat | Dairy | Bananas | Oranges | Lemons | Tea / Coffee | Cacao | Nuts | Vegetables | Etc | Etc | Etc: Any agricultural/aquacultural commodity that has futures market potential.
- Emerging nations need food very much (up to 50% of their food needs are imported, destroying their currencies by inflation). Their food needs will be the main reason why they will join the DesertCorp model.
- Another important facet is that the Northern Hemisphere will have another series of decades a Maunder Minimum ([http://en.wikipedia.org/wiki/Maunder\\_Minimum](http://en.wikipedia.org/wiki/Maunder_Minimum)) this century: by this food prices in the Northern Hemisphere will skyrocket, due poor own harvests due to this.



# Deserts = Energy

## Salt water agriculture/aquaculture based

- The halophytes could also deliver a huge flow of biodiesel. The technology is simple and could be easily decentralized in small local/regional factories.
- We at Planck Foundation were always very sceptical on bio fuels. Very. As they were produced on former food producing areas of land: driven global food prices up. We have changed our vision due to theoretical research of Dennis Bushnell (NASA) and the practical research (doing it in real life) of Carl Hodges (Seawater Foundation).
- The volume of seas water based agriculture could compensate all future global energy demands by biodiesel production. We're talking on 33% of the global land mass that's now desert and that could grow salicornia irrigated by seawater. Deserts are the solution for any future energy problem/demand. No powerlines needed in this model.

## Salt water CPS technology based

- Desertec is a huge global relation network for power generation in the desert. See [www.desertec.org](http://www.desertec.org) for the old promoted concept.
- But Desertec has unfortunately three build-in errors (and therefore the huge Desertec efforts has gone nowhere yet): 1) Desertec is based on german industrial manufacturing (not on local production). 2) Desertec is based on power export from Africa to Europe (not on local consumption). 3) Desertec is based on intercontinental cable infra on large distances (and therefore a) very expensive if made in needed redundancy and b) very vulnerable for terror (sitting duck).
- We do the same as Desertec (thermal power generation in the desert), but we do it without those three important Desertec errors. Our CAPEX (investments) is half of that of Desertec, so our energy cost price is considerable lower. Our OPEX (operational costs) is half of that of Desertec, so our energy cost price is again much lower. We don't need intercontinental power transmission lines (with all the geopolitical, operational and terrorism risks attached to it). We don't need sweet water or chemicals to operate (we use salt ocean water and deliver sweet water due the condensation of the steam after it has driven the turbines).
- Deserts are the solution for any energy problem/demand. The intercontinental powerlines are the problem.

## General

- Emerging nations needs power very much (even till 75% of their energy needs are imported, destroying their currencies by inflation). Their power needs will be the main reason why they will join the DesertCorp model.

# Deserts = Water

- Emerging nations with deserts often needs water very much: they often have huge regional water deficits.
- Not only for agriculture (which could be 'embedded imported in food), but also for urban needs: a city without water is no city.
- The model we operate provides desert cities the required water supply (so they have not to be abandoned because of water shortage).
- This applies also too for e.g. the USA (California, Nevada, Las Vegas, etc, etc: water resources decline there due to soil/desert/ecological mismanagement).
- This applies also to a large number of cities enclosed by desert growth in China (their mayors/governors have visited us recently).
- Their water needs will be another main reason why emerging nations (and also developed nations like USA and Australia) will join the DesertCorp model.

# Deserts = Infra

- Deserts now often are very large barriers. Deserts could become connections.
- Infrastructure is what makes the difference. With transit hubs on central points. Connecting all sides of the deserts with each other. And all that's behind those sides of the deserts.
- Infra brings economic development: Infra delivers exports and monetary health. Infra should be low cost and low maintenance (using the new bio concrete material).
- Infra will have a railroad facet too (as well fiber lines, power lines, water pipelines facets, natural gas pipelines and oil pipelines too).
- Infra could be financed as part of the DesertCorp concept. Lifting this financial burden of new infra out of the current state budgets.
- Emerging nations needs infra very much for their economic development. Their infra needs will be an important reason why they will join the DesertCorp model: The fact that the DesertCorp model offers them build-in infrastructure development/finance is of great importance to them.
- The seawater based model a) brings the coast hundreds of kilometers inland (with all the economic benefits of that, b) delivers a 10,000 km<sup>2</sup> wide channel structure.

# What's our approach?

- There are a lot of desert greening concepts out there, but none of them has any significant volume. The reason of this lack of volume of all these concepts is that the designers of those concepts (and their 'preachers') see their own designed/promoted concept as the one and only answer for exploring the deserts. Even if all these solutions only are suitable for some type of desert or some type of nation. As we all know: statements similar to one size fits all hold not that much truth.
- Our approach is more a comprehensive one: integrating all this desert greening and economic possibilities into a comprehensive initial, organizational, functional, knowledge and finance combined model. We make it start happening, we integrate different models, we arrange national and/or global finance/demand.
- And of course we go for the low hanging and voluminous fruit first. Only fools will go for the most technological difficult, most capital demanding and most risk approach.
- We go for the PPP model (as that's the only model that integrates the potential of the states with that of businesses and by that can deliver huge voluminous output).

# What choices have to be made?

- So a nation with deserts has basically to make three choices:
- 1) Do we want our deserts to be green and economic productive.
- 2) What parts of the desert we leave dry desert and what parts we green and make productive.
- 3) Do we this ourselves or do we choice for a PPP.
- If they choose for the PPP model (as we advice) the rest is up to us: they will have 50% of the shares in the PPP and an attached veto right in the PPP.

# What standards do we follow?

- Our accounting will be full transparent and will be published in total dept/detail on the internet (so including wages/fees/margins etc).
- We respect local cultures/religions. We're just desert exploration focused. No more, no less. We respect local communities. We ensure this by getting national, province and local signatures on all soil deals. We don't facilitate in, nor cooperate with land grabbing practices.
- We're neutral in local/regional/geo politics (we only have three opinions: all three are just on desert exploration: the first is that it should be done, the second that it should be done in low cost way and the third is using maximum use forces/powers of nature).
- We're not a western organization: we're a global organization. We don't export any culture or any other immaterial facets besides desert exploration initiative and desert exploration knowledge. We stimulate and facilitate peer2peer knowledge sharing between the different national DesertCorp organizations: to eliminate/undermine any western/imperial objective (which creates/secures management/knowledge diversity too: another nice side effect of a peer2peer instead of hierarchical organization structure).

# How do we finance?

Besides taking the initiative and delivering organization of knowledge: delivering finance models is the key to both the choice by nations for realization and the realization itself. We offer nations finance tail suitable finance structures that by their nature will suit every nation.

- **National/Global Commodities Future Contracts**

(national and/of global, and regarding global: not only Chicago, but also future markets in emerging nations)  
(using the global futures market potential and/or using direct global food operator contracts)  
(could be a source of unlimited funding if governmental backed)

- **State/Province Guarantees**

(national state guarantees of food future contracts and of infra investments could support financing desert exploration significant)  
(state guarantees are still a yet much unexplored way in the finance of exploration of national resources: much potential is not used)  
(the state guarantees should only be used for projects that a) have a proven ROI and b) stimulates exports)

- **National Central Bank Issued Inflation Free QE Liquidity**

EQE = Energy Quantitative Easing (using inflation free QE for PV and solar/geo thermal to replace energy imports)  
DQE = Desert Quantitative Easing (using inflation free QE to turn deserts into economic productive areas)  
IQE = Infra Quantitative Easing (using inflation free QE to build infrastructure)  
RQE = Road Quantitative Easing (using QE to build roads)  
PQE = Pipe Quantitative Easing (using inflation free QE to build pipelines)  
RQE = Rail Quantitative Easing (using inflation free QE to build railroads)  
TQE = Trade Quantitative Easing (using inflation free QE to fund export deals)  
(all of these QE models are inflation free QE models if they're used to reduce imports and to increase exports)  
(as they aren't used for currency watering down imports but for currency empowering production)  
(as they deliver unlimited funding for non imports related investments, that facilitates more exports)

- **Bilateral Central Bank Currency Swaps**

(delivering an mutual interests based trade framework between two nations, making them both stronger and less depending on the dollar)

Those finance models are designed by DesertCorp's initiator Planck Foundation: they are desert adjusted versions of their monetary models. Planck Foundation is a developer of balanced healthy economics driven monetary models: backing currencies by real assets (not fiat or gold). Monetary models that use the financial industry as distribution channels: delivering them a distribution margin in their dire straits. By the profits they'll make on these models they've time to divert themselves away from Real Estate Bubbles.

# Why nations will choose DesertCorp?

- We deliver food security/independence.
- We deliver water security/independence.
- We deliver energy security/independence.
- We deliver huge infrastructure extension.
- We deliver new (not yet explored) huge economic potential.
- We deliver stable productive economic growth.
- We deliver not an unsustainable credit driven economic growth model.
- We deliver monetary stability (production: less import, more export).
- We deliver enormous job growth.
- We deliver not financial capitalism jobless growth, but real productivity based growth.
- We deliver the best available open technology.
- We deliver both external and internal finance models.
- We deliver a nation focused joint venture model (no imperial drain).
- We deliver a nation protection against imperial patent based capital looting.
- We deliver an anti bribe/corruption development model.
- We deliver nations a public interest model (a template for energy/mining).
- We think aid=imperialism and we stimulate a self-development models.
- We offer an 'open source' and a managed model (or a combination of those two)



# Some additional design remarks...

- Emerging nations are sick / critical of foreign exploration of their resources, certainly when it goes in the direction of looting a nation of its resources. They all will do Putin-like reclaiming moves by any exploration excess. This is why we offer the open source variant too: we're nation servers, we're not nation looters.
- We like the national economic views of Alexander Hamilton and Friedrich List: the national innovation model: making nations more independent instead of keeping them in a client state for delivering resources to the Global West and/or forced open markets for the manufactured products of the Global West.
- DesertCorp offers national DesertCorp organizations finance and realization arrangements for desert exploration. We'll offer global future contract relations etc: anything that could support national organizations. We will not have any mandatory arrangements: we're servers, not lords that want to be served. For the use of the brand we only have standards like build-in no-corruption/bribe mechanisms and non-discriminatory behavior in the whole public interest.
- The profits national DesertCorp units earn on there huge volume arrangements will be kept a) small, b) inside and c) national. The main objective is turning the deserts into productive economic areas. If a public listing is a part of the plan: the dividend payments are just a part of the realization model. If the national DesertCorp organization is not (or only partial) public listed: earned equity will be used to leverage/deliver mortgages to the buyers of land etc. So the earned profits will be invested in further economic development. So the earned wealth never goes in the pocket of shareholders. Just because we like the business/finance views of E.F. Schumacher and F.W. Raiffeisen and act based on these.

# Planck Foundation

(global leading in 'Inflation Free / Non Toxic QE models')

- DesertCorp is developed within Planck Foundation. Planck Foundation has developed several targeted / narrowed / focused 'Inflation Free / Non Toxic QE Models': monetary models that stimulates wealth creation and distribution by the market in way that respects both people as the planet. Quantitative Easing with attached non derivated securitization brings backing with real assets into the monetary system. 'Inflation Free / Non Toxic QE' is the only sustainable way to create and distribute market driven wealth/prosperity: as both consumer debt, nor state debt aren't sustainable models. Subsidies disturbs market mechanisms, but steered finance access doesn't.
- Sustainable wealth/prosperity is besides the rise of household earning by market driven jobs, also very much the reduction of pollution and the availability of energy/resources: Our models reduce polluting and reduce pressure on limited resources (by making more of them available).
- Planck Foundation has developed several 'Inflation Free / Non Toxic QE Models' for both the economic matured Global West (they wish to maintain the wealth level they have) as for the emerging Global East and Global South (they wish are to reach the wealth level of the Global West).
- All nations could also use the TQE (Trade Quantitative Easing) model: using targeted QE to finance national exports and by that stimulate the production capacity of a nation.
- Nations with raw materials (and as said: we see deserts as just another national resource that could be explored) we have RQE (Resources Quantitative Easing) monetary models that they could use to explore these resources for the benefit of their whole population (and not a for the benefits of a selected elite with government relations at the cost of the rest of the population i.e. at the cost of the public/common interests).
- Any central bank and government combination could use our models for free. Governments also could use our 'non monetary, but state guarantees based model' if they want to act without a symbiosis with their central bank (something that's not wise: they should work together in an inflation and risk free model). Central banks that by their governments are pressured to deliver traditional/toxic (inflation creating) QE: Planck Foundation can deliver you 'Inflation Free / Non Toxic QE models'.

# Planck Foundation (facilitating global sustainable prosperity)

The screenshot displays the Planck Foundation website with a search bar containing 'africa power demand'. The site is organized into five main scientific categories:

- Monetary Sciences**
  - International Currency Stability
  - Europe: Diagnosis and Prescription
  - Governmental Funding Turbulence
  - Labour Taxation - Money Creation
  - Energy Open Finance Platform
  - Global PV Solar Energy Finance Model
  - EQE/EBS Model Summary Diagram
  - BQE: Bilateral Currency Swaps
  - Gold Backing vs EQE/EBS Backing
  - Secular Stagnation as Denial Term
  - Financial QE vs Productive QE
- Economic Sciences**
- Energy Sciences**
  - Global Solar Rollout Description - Diagram
  - Regional Solar Rollout Description - Diagram
  - Obama Administration Energy Strategy
  - China As Global Leading Solar Energy Nation
  - Open Finance Platform for Energy Investments
  - Iceland 3.0: Geothermal and Energy as Currency
  - Addressing Economic Decline of the Global West
  - IntraContinental: Continental Rail Schedules
  - Global West Enters Economic Adulthood
  - Global East Driven Globalization 2.0
  - Financial Capitalism vs Productive Capitalism
  - CIRI (China India Russia Iran) Avoids Dollar
  - Global West Gets A Common Currency
- Physical Sciences**
- Agricultural Sciences**
  - Global Deserts Exploration Model
  - WaterTech and MicroCredit Merge
  - Lupin As Soy Replacer
  - Global Seed Cartels Aren't Right
  - Global Food Model: Local to Global
  - Sun / Earth Interactions
  - Telco 3.0 : Telco out of the Cloud
  - National Business Clusters Abroad
  - Scientific Education/Research Funding
  - Iran: National Economic Plan
  - Immigrants and Trade

Additional links and resources are provided below the main categories:

- Energy Politics**  
PDF HTML
- Global Resources Analysis**  
PDF HTML
- Energy Economics**  
PDF HTML
- Testimonials**  
Projects - About Us
- Energy Finance**  
PDF HTML
- Global Future Analysis**  
PDF HTML

A large, stylized handwritten signature 'Planck.' is centered on the page.

Planck Foundation advocates an Interdisciplinary Science Integration for achieving Global Sustainable Prosperity for all of mankind in the 21st century and beyond.

Planck Foundation has a strong innovation focus (celebrating and exploring human intellect) and is by this rather

The Windows taskbar at the bottom shows several open applications: Postvak IN, Re - Beric..., Microsoft P..., Planck Fou..., and Presentatio... The system clock indicates 12:48.

# IDB: Islamic Development Bank (serving 56 nations worldwide)

www.isdb.org/irj/portal/anonymous?guest\_user=idb\_en

English | العربية

Contact Us | Sitemap






Islamic Development Bank  
Providing resources, fighting poverty, restoring dignity

Home About IDB Projects Scholarship & Assistance Cooperation Opportunities Topics Publications News & Events IDB Group Data

### Quick Links



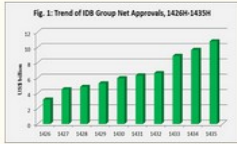
- That's why...the Islamic Development Bank
- IDB 1440H (2020) Vision
- Capital Markets (Investor Information)
- IDB Prize for Women's Contribution to Development
- IDB Prizes for Science and Technology 1436H (2015G)
- IDB Prize in Islamic Economics and Islamic Banking
- Islamic Microfinance Challenge 2013
- Saudi Project for the Utilization of Hajj Meat
- IDB M.Sc. Scholarship Programme in Science and Technology for the academic year 2014-15
- IDB Merit Scholarship Programme for High Technology (MSP) for the Academic Year

### News



-  President of Benin seeks IDB support in tackling poverty and development challenges in W/Africa
-  IDB Announces Award for Best Application of Agent-based Simulation (ABS) in Islamic Finance
-  IDB President to Participate in Global Islamic Investment Gateway Event in Bahrain
-  IRTI to Provide Advisory Services to Arab Gambian Islamic Bank
-  OIC and IDB sign MOU for Management and implementation of Ebola epidemic in West Africa

[More](#)

### Featured Topics

- **Changing Lives Through Innovation**  
The exhibition helped in creating greater awareness of several innovative projects invented by the IDB Member Countries using local resources.....read more>>
- **IDB's Approach to Improved Access to Electricity**  
Access to modern energy services is crucial to alleviate poverty. A quarter of worlds' population have no access to electricity. It is projected that by 2030 one billion people will be without electricity.....read more>>
- **IDB Group Open Data Initiative**  
The Open Data Initiative is intended to help transform the IDB Group into a knowledge-based institution by providing quality data to support knowledge generation and dissemination.....read more>>

### What's New

- **IDB President Visits Guinea to launch the implementation of King Abdullah's initiative against Ebola**  
Conakry, Guinea: The President of Islamic Development Bank (IDB) Visits Guinea to launch the implementation of King Abdullah's initiative to fight Ebola at a ministerial conference in Conakry, the capital of Guinea. During the launching, he signed US \$35 million agreement with Guinea, Liberia, Sierra Leone and Mali. ....read more
- **Essence of Islamic Finance**  
At its

www.isdb.org/irj/servlet/prt/portal/prtroot/com.sitechange.change?logout\_submit=true&guest\_user=idb\_eng

Postvak IN ... Re - Beric... Microsoft P... IDB - Mozill... Presentatio...

EN 12:48

IDB managed financed nation desert development models.

Based on Islamic (equity instead of debt) financial principles.



٤٠ عاماً من العطاء

40 years of dedicated service

40 ans d'efforts soutenus

The IDB is owned by 56 nations worldwide and serves them.

# The 56 nations the IDB serves


Afghanistan	Egypt	Malaysia	Sierra Leone
Albania	Gabon	Maldives	Somalia
Algeria	Gambia	Mali	Sudan
Azerbaijan	Guinea	Mauritania	Suriname
Bahrain	Guinea Bissau	Morocco	Syria
Bangladesh	Indonesia	Mozambique	Tajikistan
Benin	Iran	Niger	Togo
Brunei	Iraq	Nigeria	Tunisia
Burkina Faso	Jordan	Oman	Turkey
Cameroon	Kazakhstan	Pakistan	Turkmenistan
Chad	Kuwait	Palestine	Uganda
Comoros	Kyrgyz	Qatar	United Arab Emirates
Cote d'Ivoire	Lebanon	Saudi Arabia	Uzbekistan
Djibouti	Libya	Senegal	Yemen



Firefox
Desert Corp | turning deserts into produ...
www.desertcorp.com
desertcorp

Governments
Regions
Cities
NGOs
DoDs
UNCCD
Universities
Financials
Futures
Dairy
Meat
Food
Energy
Water
Journalists
Bloggers
Students
Facebook
Twitter
Instagram
Media

Download the 'DesertCorp in a nutshell' slide presentation



Desert Food  
Desert Water  
Desert Energy  
Desert Infra

Desert Advice  
Desert Finance  
Desert University  
Desert Diplomacy

More than 30% of earth's land mass is desert. Deserts can become a national asset. Just like oil. By turning deserts fast into productive agriculture. By using (and not fighting) the concepts of nature. Delivering nations (in turnkey model) desert revenues. Huge economic and monetary advantages for nations.


Creating productive/sustainable/bubbleless prosperity. Productive capitalism (market wealth distribution). Not financial capitalism (wealth concentration). Open model: no patents on crops/models/technology. Patents are just an imperial taxation of the Global West. Students can do their promotion research on all facets. Joint ventures with national/regional/local governments. Capital free model for nations (just by two signatures).

Feeding the world. Watering the world. Employing the young generation in emerging nations. Creating global stability. Ensuring regional peace. Delivering national food security for nations. Breaking the food DNA monopoly agenda of Monsanto. Avoiding the Kissinger Doctrine (controlling nations).

National DoDs could be part of the management. Ensuring no hostile/imperial/colonial influences. Almost fully use of local employees (training included). Empowering nations in the Global South and Global East. No pushing of WB/IMF credit (out of instead of into debt). Sharia compliant food commodity future contracts. Supporting meat/dairy/food exports and export finance. Reducing food imports. Delivering food exports.

Guiding rain into the soil (cutting evaporation loss). Attracting/tampering rain fall (rain without floods). Preventing the arise of dust bowls / sand storms. Delivering water supply to desert based cities. Empowering local/regional/national economies. Establishing road/rail/bridge infrastructures.

Our organization. Our offices. Our management. Our founders. Our track records. Our publications. Our supporters. Our endorsers. Our financing partners. Our business partners. Our media exposure. Our media material depository. Global organizations that support us.



EN
11:20

More than 30% of earth's land mass is desert.  
Deserts can become a national asset. Just like oil.  
By turning deserts fast into productive agriculture.  
By using (and not fighting) the concepts of nature.  
Delivering nations (in turnkey model) desert revenues.  
Huge economic and monetary advantages for nations.

Creating productive/sustainable/bubbleless prosperity.  
Productive capitalism (market wealth distribution).  
Not financial capitalism (wealth concentration).  
Open model: no patents on crops/models/technology.  
Patents are just an imperial taxation of the Global West.  
Students can do their promotion research on all facets.  
Joint ventures with national/regional/local governments.  
Capital free model for nations (just by two signatures).  
Turnkey model for nations (just two signatures needed).  
Delivering soil biodiversity (>30 species of grasses).  
Delivering hedge row biodiversity (many crops/species).  
Delivering nature biodiversity (animals/birds/fish).  
Positive regional climate effects due water presence.  
Improving life stock health: severe less diseases.  
Reducing the price of quality food (approval ratings).

Facilitating nutrition diversity (better public health).  
Delivering health by food (lowering cost of healthcare).  
Preventing global rainforest destruction for soy/palm.

Feeding the world. Watering the world.  
Employing the young generation in emerging nations.  
Creating global stability. Ensuring regional peace.  
Delivering national food security for nations.  
Breaking the food DNA monopoly agenda of Monsanto.  
Avoiding the Kissinger Doctrine (controlling nations).

National DoDs could be part of the management.  
Ensuring no hostile/imperial/colonial influences.  
Almost fully use of local employees (training included).  
Empowering nations in the Global South and East.  
No pushing of WB/IMF credit (out of instead of into debt).  
Shariah compliant food commodity future contracts.  
Supporting meat/dairy/food exports and export finance.  
Reducing food imports. Delivering food exports.  
Aquaculture also integrated: fish/waterweeds farming.  
Less imports + more exports = better trade balance.  
Less imports + more exports = better monetary health.  
Family farms model, so not industrial farms focused.  
Less need for chemicals and fertilizer (low costs).  
Less need for water pumps and fuel (low costs).  
DQE (Desert Quantitative Easing) delivers no inflation.  
National/regional/local governmental contacts.  
National DoD contacts. National Central Bank contacts.  
Food brands contacts. Food futures contacts.

Guiding rain into the soil (cutting evaporation loss).  
Attracting/tampering rain fall (rain without floods).  
Preventing the arise of dust bowls / sand storms.  
Delivering water supply to desert based cities.  
Empowering local/regional/national economies.  
Establishing road/rail/bridge infrastructures.

Our organization. Our offices. Our management.  
Our founders. Our track records. Our publications.  
Our supporters. Our endorsers.  
Our financing partners. Our business partners.  
Our media exposure. Our media material depository.  
Global organizations that support us.

View some online 'desert greening' TED talks.  
Getting involved. Stay in touch.

Method / design / sequence / management / finance.  
Success is just the right combination of those five.

**Desert Food**  
**Desert Water**  
**Desert Energy**  
**Desert Infra**

**Desert Advice**  
**Desert Finance**  
**Desert University**  
**Desert Diplomacy**





# More information?

## **IDB**

Islamic Development Bank

Abdelmenem Jamil Addas

Chief Resources Mobilization - IRTI

Advisory Services Division - IDB

[www.isdb.org](http://www.isdb.org)

Office: +966-12-646-6190

Cellular: +966-50-559-5480

Email: [AJamilAddas@isdb.org](mailto:AJamilAddas@isdb.org)

## **Planck Foundation**

Gijs Graafland

[www.planck.org](http://www.planck.org)

Cellular: +31-6-83356483

Email [Graafland.GB@planck.org](mailto:Graafland.GB@planck.org)

An actual version of this presentation can be found online at  
<http://www.planck.org/downloads/Emerging-Nations-Desert-Development.pdf>

Planck.



Let us do it. In any nation with too much deserts and too less green.

[www.desertcorp.com](http://www.desertcorp.com)