

# WORLD ENERGY ORGANIZATION

massive decentral renewable energy generation transition for governments  
by making diy solar kits possible for each household and business

## SERVING GOVERNMENTS

(national / state / county / province / municipal)  
with instant/turnkey voluminous renewal power solutions  
giving them an instant massive energy generation transition  
from molecules to electrons in just 3 years for any government  
(endless renewable energy for current hydrocarbon prices)  
(building nuclear takes decades and has a huge hidden public cost)

## SERVING POWER COMPANIES

(can't deliver energy transition by themselves: not in their dna)  
(but they can collect arrears better than anybody else)  
(in emerging nations they just need to keep up with 10% up annual)  
(something they're not able to do: both in finance and realization)

## GLOBAL ENERGY TRANSITION

BY MASSIVE ROLL-OUT DIY SOLAR KITS ON CREDIT  
(ENDUSER PRICE ONLY \$ 500 PER 1000 PW CAPACITY)  
(DELIVERING USERS DECADES OF FREE ENERGY)

easy 'do it yourself' kits  
just mount the panels on your roof  
(or order a local guy/company for doing this)  
connect the cables (can't be done wrong)  
plug it into any wall outlet and you're ready  
and your free/clean solar energy flows

follow your own power production via your smartphone  
trade your access renewable power via this app too  
or use it for your electric bikes/vehicles

1000 pW by 4 panels of 250pW in an all included kit model  
delivering an average kWh production per kit of  
1000 kwh/year in the northern/southern hemisphere  
2000 kwh/year around the equator  
(the location pW to kWh ratio is in the online sales database)  
kit pricing inclusive interest is \$ 500  
(capex \$ 0.50 per pW all-in, opex \$ 0.00 per pWh)

USA households use average 10000 kWh annual  
EU households use average 3500 kWh annual  
(certainly USA households can use some energy efficiency too)

households and businesses can install as many kits as they can  
as they come in an easy 'pay as they go' model  
(or pay via other financiers or online by order or cash by delivery)

households/businesses can use the grid as live battery  
or they can consider to buy/lease electric bikes/cars  
and/or sell their overcapacity via the app peer2peer to others

after payment (average 3 years) people got their energy for free  
delivering more independence and more wealth  
in a cleaner environment and more stable economy

## CAPITAL SOURCES

**EXPORT CREDIT BY PRODUCING NATIONS**  
supporting their national industry  
supporting their tech R&D and clean imago  
supporting their trade balances  
(average cost between 2% and 3% annual)

**SECURE BONDS BOUGHT BY FUNDS**  
secure by collecting by the power companies  
secure by governmental guarantees  
secure by municipal guarantees  
secure by full compartmentalization  
pension funds and sovereign wealth funds  
pension funds worldwide are in ROI dire straits  
this model delivers them the ROI of before QE times  
(average cost between 3% and 4% annual)

**EQE BY CENTRAL BANKS**  
eqe = energy quantitative easy  
anti inflationary due less energy imports  
boosting importance of their currency  
redirecting financial system towards productive credit  
delivering fiscal stability due stop on energy subsidies  
(average cost between 0% and 1% annual)

**ISLAMIC FUNDS/BANKS**  
both the amortization as the ROI is in kWh  
so the model is full Shariah compliant  
(average cost between 2% and 5% annual)

so cost price capital depends on source  
all these sources are near unlimited in volume  
handling costs of these capital sources are low

productive finance is building real economic growth  
financial/asset finance only delivers instable bubbles  
[www.google.com/search?q=productive+qe+financial+qe](http://www.google.com/search?q=productive+qe+financial+qe)

solar finance delivers economic growth  
solar finance stabilizes the global financial system  
solar finance delivers cleaner environments

## PRODUCERS

delivering the solar panels and inverters in global mega volume  
and/or delivering turnkey solar panel factories to nations  
(fully robotized to get guaranteed maximum panel quality)  
(only done when nations commit themselves to solar transition)  
both financed via producing nations state export credit lines

## CORE PARTS OF THE MODEL

the right DIY kit components  
the right supplier contracts  
the right supplier contracts  
the right finance contracts  
the right finance contracts  
the right finance engine  
the right accounting engine  
the right online sales engine  
the right affiliating engine  
the right marketing model  
the right marketing components  
the right logistic model  
the right energy production monitoring/sales app  
(see the describing papers on [www.planck.org](http://www.planck.org))

## LOGISTICS

global shipment to regional hubs  
storage (of the low price parts of the kits)  
kit packing near parcel hub locations  
trucking to parcel operators  
an alternative is panel delivery done separately

## DELIVERY

parcel delivery networks  
local or regional or national or continental  
kit weight is 100 kg and they are placed on carton pallets  
10 kits are stacked on one wooden pallet  
an alternative is panel delivery done separately

## DEVICE POTENTIAL VIA SIMILAR MODEL

electric steps/ bikes  
electric freight bikes  
electric scooters  
electric motors/quads  
electric cars/vans  
electric delivery cars  
electric trucks/lorries  
electric busses/coaches  
(improving city air quality)  
(speeding up power usage transition too)  
(from using molecules to using electrons)  
sonar wash dryers  
vacation based houses/offices/water heaters  
(reducing energy use in households)

*Planck*

for more information assess those two papers  
<http://www.planck.org/downloads/Energy-Politics.pdf>  
<http://www.planck.org/downloads/Energy-Finance.pdf>  
(and many other papers on [www.planck.org](http://www.planck.org))