



**Co2 Energy Ltd.**



We have hit the highest density of CO2 in our atmosphere in the 2 million year history of our planet.



<https://www.theguardian.com/environment/2017/oct/30/global-atmospheric-co2-levels-hit-record-high>

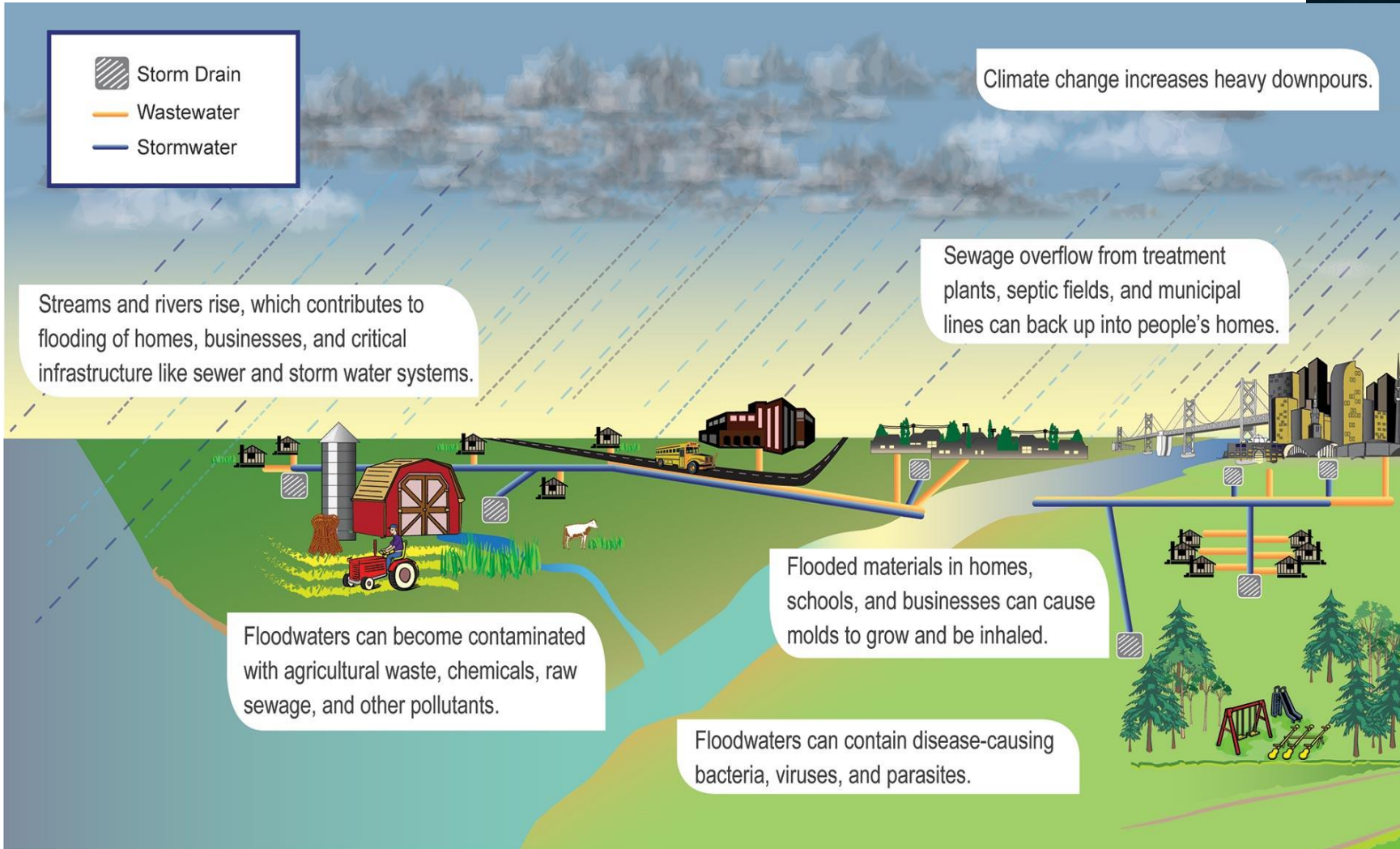


The effect of this is increased acceleration of climate change.



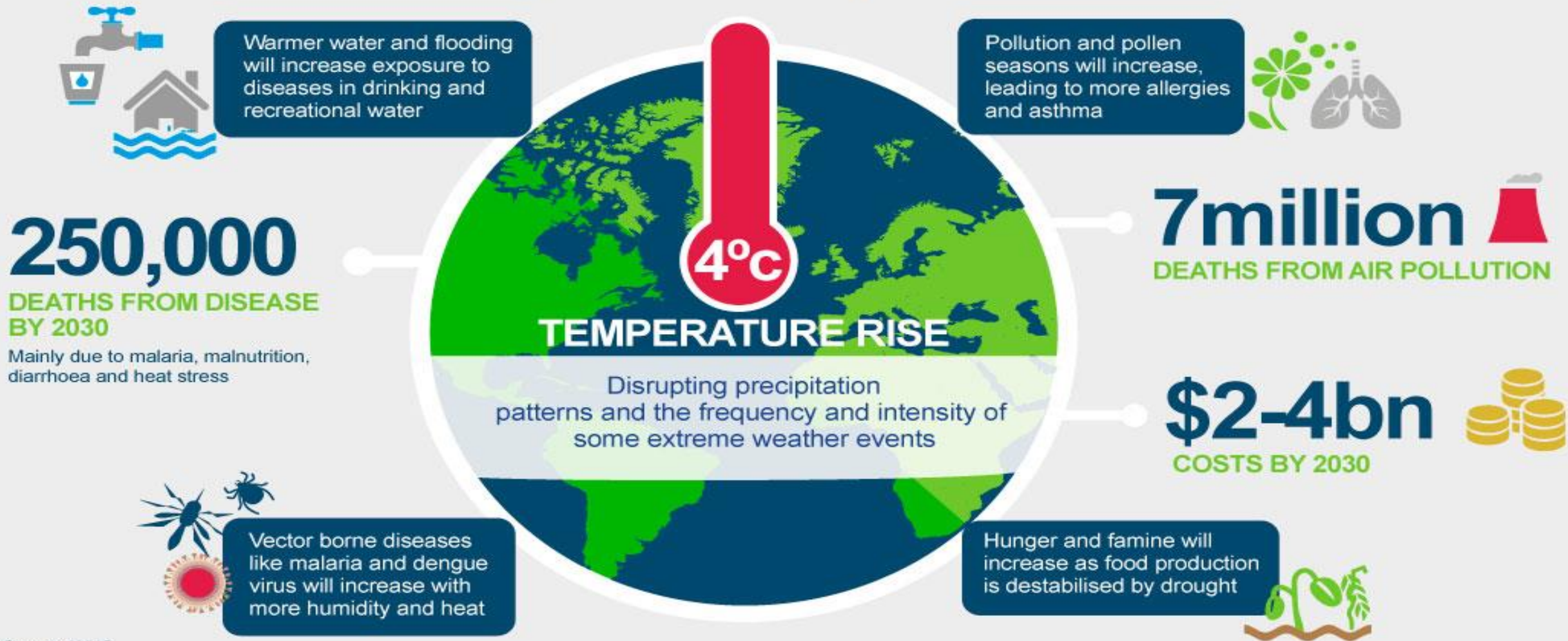


# Warming creates a domino effect



# By 2030 – Only 12 years from now!

## How climate change could impact the world



Source: WHO

Credit: Rebecca Robinson/LSHTM



The few remaining areas of Florida, Denmark, and numerous other low-lying zones will still be flooded, but at least they won't be submerged.



# We have only 2 ways to try to mitigate this:

- Remove the CO<sub>2</sub> from our atmosphere - forestation
- Reduce the amount of CO<sub>2</sub> that we produce – green energy









# We have seen some good progress in converting our economies to more carbon neutral footprints

- Solar power
- Electric vehicles
- Wind
- Hydro Power
- Batteries

The problem is, that to create fertile environments for these technologies to grow on equal footing and overtake the incumbent fossil fuel ecosystem, **we need to create means to lower the cost of capital for investment**



As with all incumbents, the deck is stacked against capital flowing into these new alternatives because capital is a limited resource and the competition starts and ends with its availability.

### Existing Infrastructure

- Coal power plants
- Centralized power distribution grids
- Fossil fuel combustion engines – networks of gas stations
- Remote diesel generators
- Kerosene heaters

### Vehicles to provide low cost capital

- Gov't subsidized fossil fuel exploration
- Utility supported investment in fossil fuel generators
- *Master Limited Partnerships* – (not available for Solar and other green energy)





# Old economy mechanisms will eventually come around to support this energy revolution – We can't afford to wait

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Electric vehicles  
Wind  
Hydro Power  
Batteries

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The “Enernet’s” answer to *low cost capital* is crypto currency.

**For example: Combining solar with batteries enables micro grids that = the global democratization of power**

**But, current blockchain based energy trading schemes do little to nothing to lower the cost of capital for investment critical to changing course faster and saving our collective future.**





# E.G. U.S. Micro Grid Solar Opportunity

Even though the cost of solar is now competitive with other energy sources in many U.S. states, the upfront cost for small and medium sized businesses as well as nonprofits is still prohibitively expensive (with an average system cost of a \$177,000). Because of this, the commercial solar sector has not grown nearly as quickly as residential and utility.



What is needed is *low cost capital* unencumbered by the lobbying efforts and government manipulation to protect the incumbent fossil fuel model.

**The three critical elements include:**

- 1. Initial unencumbered lower cost capital investments**
- 2. A profitable economic delivery model that finances infrastructure**
- 3. Re-investable free cash-flow indefinitely with a built in ROI**





# Concepts that make the Co2 Energy Ltd. Model work for the planet and Co2Bit Coin investors directly:

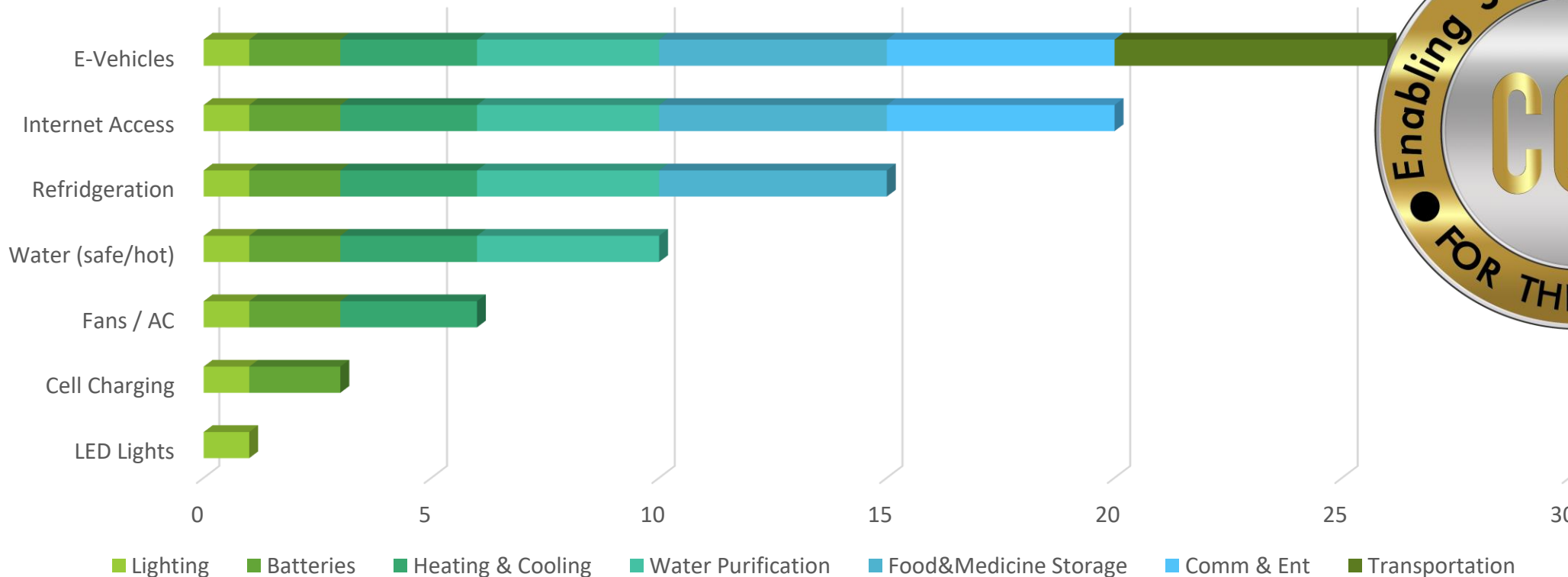
The three critical operational concepts include:

1. Investment of Pre-ICO revenue and ICO Coins into existing infrastructure project development companies with long tails (think sustainable)
2. Following on the success of the “Cloud Computing” model deliver Energy Services as a subscription or pre-paid monthly functionality. (see next slide)
3. Co2Bit Coin buy-backs from net profits of C02 Energy Ltd.



# Service demand continually grows naturally with economic enablement.

## Expansion of Services Bundled with the Micro-Grid





# Appendix: What Access to Energy Provides

*“Energy is the underlying prerequisite for an opportunity to participate in, versus be a burden on, the global economy and be able to influence the destiny of your life, your family’s, your community’s and the planet.”*

*Ron Wilkins*



# Access to LED Lights Provides

- The means for everyone, especially developing children to read and study at night
- Security for themselves and their livestock and other belonging
- Escape from the harmful effects of prolonged exposure to kerosene fumes or smoke
- Protection from fires caused by other lighting sources such as kerosene or open fires



# Cell Phone Chargers Provide

- Participation in a larger economy
- Access to communications for medical emergencies
- Ability to do business with other villages





# Fans Provide

- Ability for the children to sleep at night
- Refuge from the heat in the summer
- Warmer homes in the winter



# Refrigeration Provides

- Better nutrition for the children and families
- Ability to keep medicines on hand to fight disease



# Internet Service Provides

- Education opportunities for the children
- Participation in the digital economy
- Information
- Communication





# Water Purification Provides

- Clean drinking water
- Better health
- Protection from spread of diseases



# Electric Vehicles Provide

- Economic Opportunity
- Transportation of Talent and Goods
- Assistance in Medical Emergencies



