

Julius O. Akinyemi Founder/CEO-UWINCorp Entrepreneur in Residence MIT Media Lab akinyemi@media.mit.edu There is the need for LAM to fuel economic growth and national prosperity through financial inclusiveness



Only about 20% of financial transactions in LAM are in the formal financial sector.

- Salient facts Most Citizens/producers and Small and Medium size Enterprises:
  - Lack access to capital and formal financial services
  - Are not represented in the global marketplace
  - Do not have access to relevant platform for global exposure
    - Estimated 80% of LAM adults population-15yrs+ ( about 10 million adults and 3 Billion adults globally) do not have access to formal financial relationships but are economically active in the informal financial services sector, hence they have no access to credit facilities to raise capital\*
    - 2. As of 2000 there were \$9.3 trillion\*\* of passive assets in developing countries (we estimated \$40bln in Cameroon Assets) that could be mobilized for capital sourcing but have not been able to do so.
    - 3. Developing Economies lack local market relevant but globally trusted Commodity Exchange platform that is financially inclusive of local producers to unleash the dormant wealth for economic empowerment.

<sup>\*</sup> World Bank Financial Inclusiveness Index

<sup>\*\*</sup> The Mystery of capital – Hernando De Soto

<sup>\*\*\*</sup> Trading Economics

Our Solution.

- UNLEASHING THE WEALTH OF NATIONS
- 1. The Digital Asset Grid A national electronic asset registry and its mobilization for capital sourcing (eRegistry):

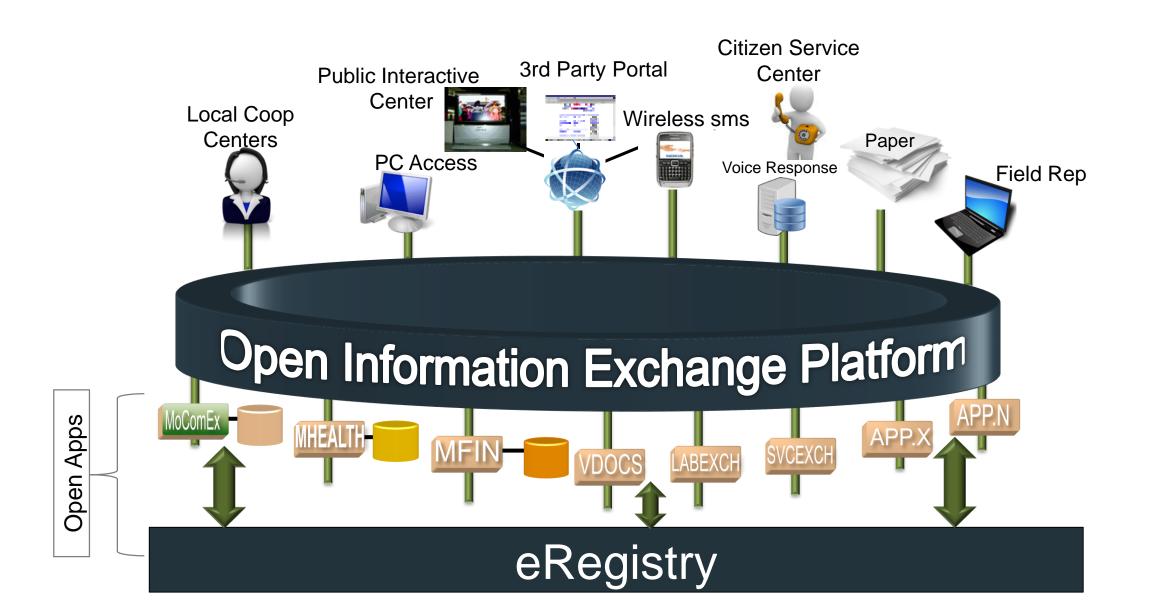
The Unleashing the Wealth of Nations initiative creates an electronic registry (eRegistry) of real properties and tangible assets to form a "Digital Asset Grid" (DAG); it is a registry of citizens' assets— land, livestock, houses, real properties etc and through the asset securitization, it mobilizes the currently dormant billions of dollars in local assets in LAM to generate capital at affordable cost. The capital creates liquidity for the owners to participate in the Commodity Exchanges and provides a mitigating control for risk management for the exchange administration.

- 1. More importantly the Asset securitization and the related affordable capital generation make market participation financially inclusive for registered participants(local producers) and hence improves national GDP.
- 2. With the eRegistry of assets and participants, it provides a tool for regulatory compliance of "Know Your Customer" as the registry through data analytics will provide intelligence on participants and transactions in the marketplace.
- 2. The Decentralized Mobile Commodity Exchange:

The Mobile Commodity Exchange(MoComEx) – "from the Sophisticated Few to Global Sundry" The MoComEx is an "Open Information Exchange platform" that extracts information from the eRegistry and coupled with matchup algorithm, executes a commodity trade via supply and demand capabilities of various commodities for local sundry participation with secure identity and transaction integrity. (More on this discussion later).

Technology Mobilizing Developing Economies' "Dead Assets" and Enabling Local Commodity Exchanges







## Unleashing the Wealth of Nations



# Our Planned Evolution of Commodity **Trading for Poverty Alleviation**

### "An Advancement to the Past ..."





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#### From the sophisticated few ....

#### ...to the global sundry with local producers

### The Mobile Commodity Exchange – "from the Sophisticated Few to Global Sundry"



- Commodities trading dates back to thousands of years ago when communities traded what they had for what they wanted
- Ever since William Ogden and eighty-two other men created the first organized exchange in Chicago in 1848, commodity exchanges around the world have been engines of wealth creation\*
- Commodity Exchanges create a global system of inter-related local markets and their cultures
- Since no country and community can thrive in isolation, exchanges also create a global value chain of interdependencies of commodities

\* Emily Lambert, The Futures – The Rise of the Speculator and the Origins of the World's Biggest Markets

### The Mobile Commodity Exchange – "from the Sophisticated Few to Global Sundry"



- But, Commodity Exchanges have been controlled by <u>few sophisticated</u> participants at the expense of global sundry.
- These global sundry producers accounted for the traded physical commodities that are the sources of the secondary products i.e. contracts, futures and the financial derivatives (SWAPS), that create financial multiplier-effects in the economy.
  - In 2011, the United States alone produced a \$3.2trn physical commodities a 1500% increase over the past decade and the resulting financial products multiplier effect amounted to \$34.3trn a total effect of \$37.5trn a growth of 293% over the same period\*.

# The Mobile Commodity Exchange – "An Advancement to the Past"



- Successful Commodity Exchanges are built from bottom up not from top down e.g. more than 100 years ago there were more than a thousand commodity exchanges in the united States and eventually narrowed down to 10 exchanges they have today.
- Mobile technology has broken down the barrier of isolation around the world, likewise, mobile technology can now empower the global sundry to participate in the decentralized global commodity trading that has been until now, limited to the sophisticated few.
- A decentralized commodity exchange improves efficiency of the market place by improving the number of participants and hence creates access to freedom of trade; it makes the commodity trades more financially inclusive of the local producers/participants.
- The result?: Wealth creation and wealth growth and hence, improved national GDP.

### Our Difference is Clear

There has never been a decentralized Mobile Commodity Exchange, neither has there been a digital system that mobilizes the "Dead Assets" of developing nations in a very relevant way for economic empowerment of citizens by tailoring the solution to the local environment and culture e.g.

The citizens' securitized registered assets will generate liquidity that will then be used to fund participation in the Commodity Exchange as opposed to the traditional cash liquidity that excludes local producers /participants and limits participation to the sophisticated few.

Our uniqueness therefore are our pioneering technologies and our focus on financial inclusiveness not the speculators in the market. We believe the inclusiveness of local producers will have far more reaching effects on the economy than that of the speculators.

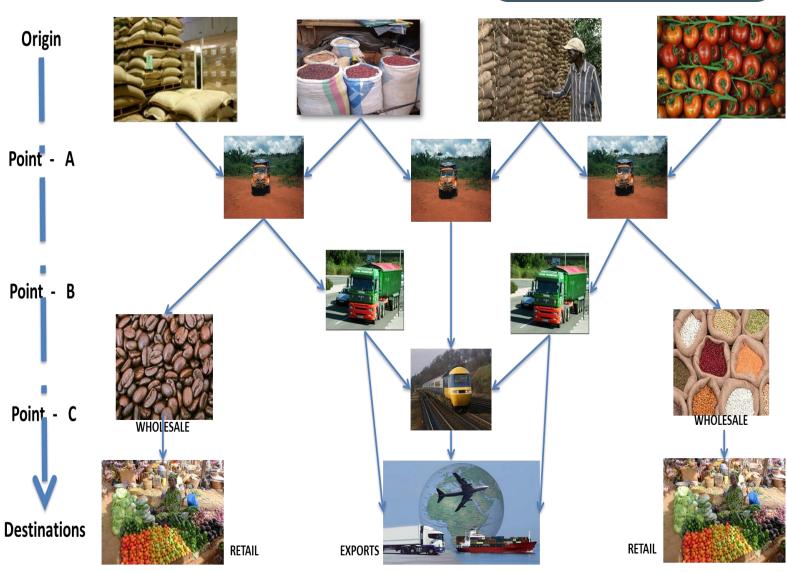
### **Operational Design: Managing the Market Risk**



#### Transportation on Demand (ToD)

Guaranteed Certified Reliable transporters

- The system guarantees transporters services by closely working with Local law enforcement to prevent fraud and incentivize good performance through published reputation index.
- Unique System algorithm determines "Transportation on Demand" (ToD), for best value pricing and optimized route. The system will have content and driver monitoring. Transportation will be open to bids by transporters to benefit from market competitive pricing.





# What is The Deal about BIG DATA for Latin America and the Developing World ?



# **Big Data +Analytics Tool**

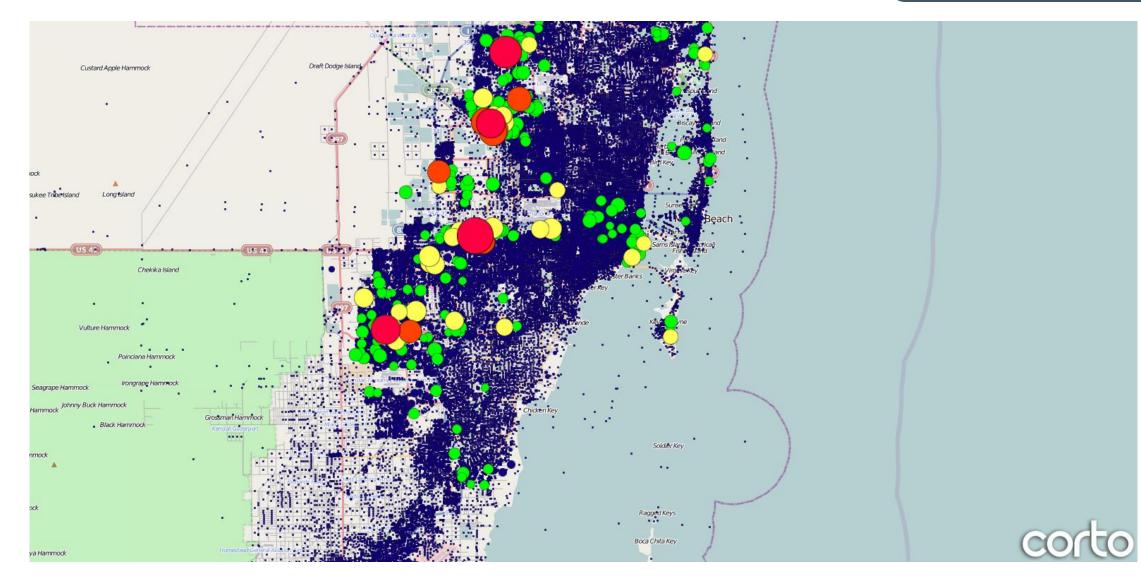
# = Smart Data

# **Smart Data + adequate Interpretations**

# = Informed Data For Account Growth

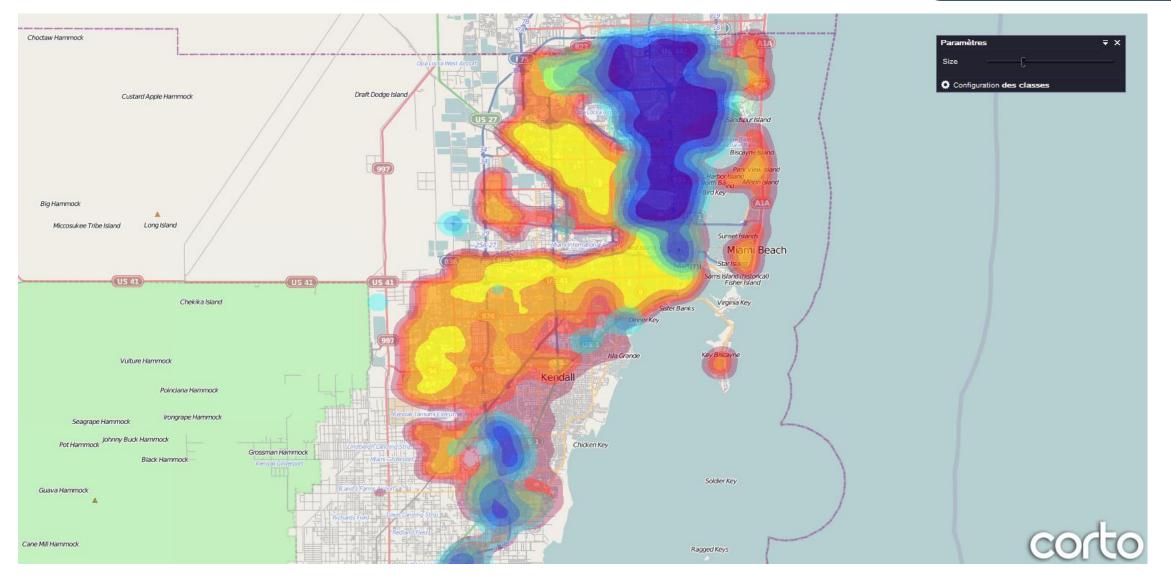
#### Hispanic pop





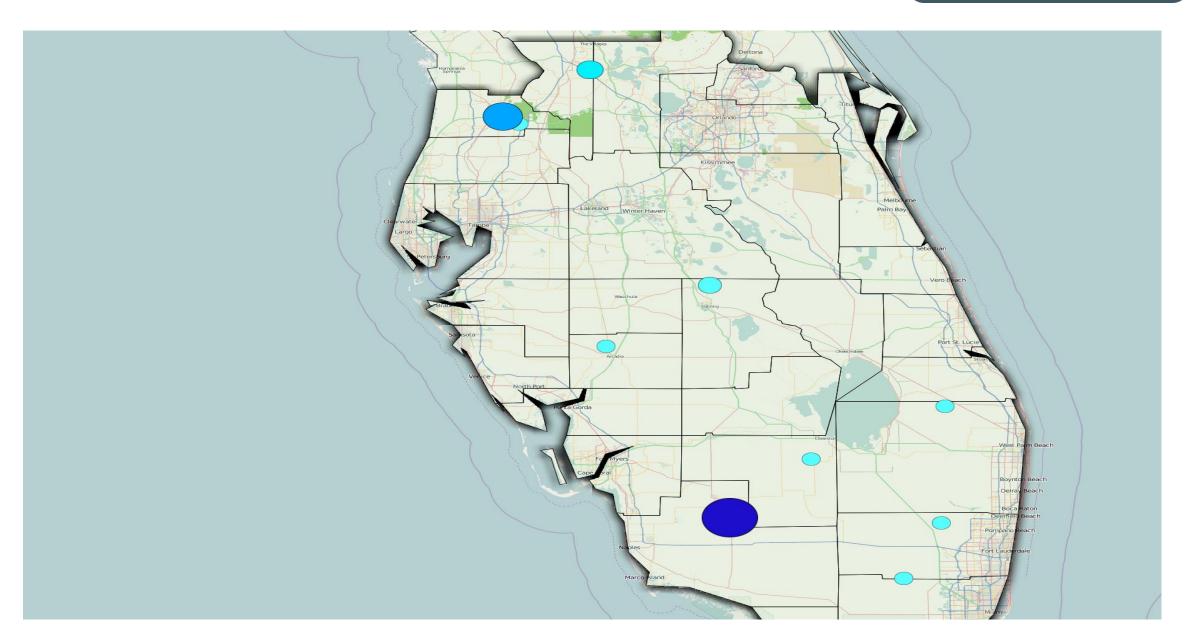
#### hispanic (yellow) versus Afroamericans (blue)





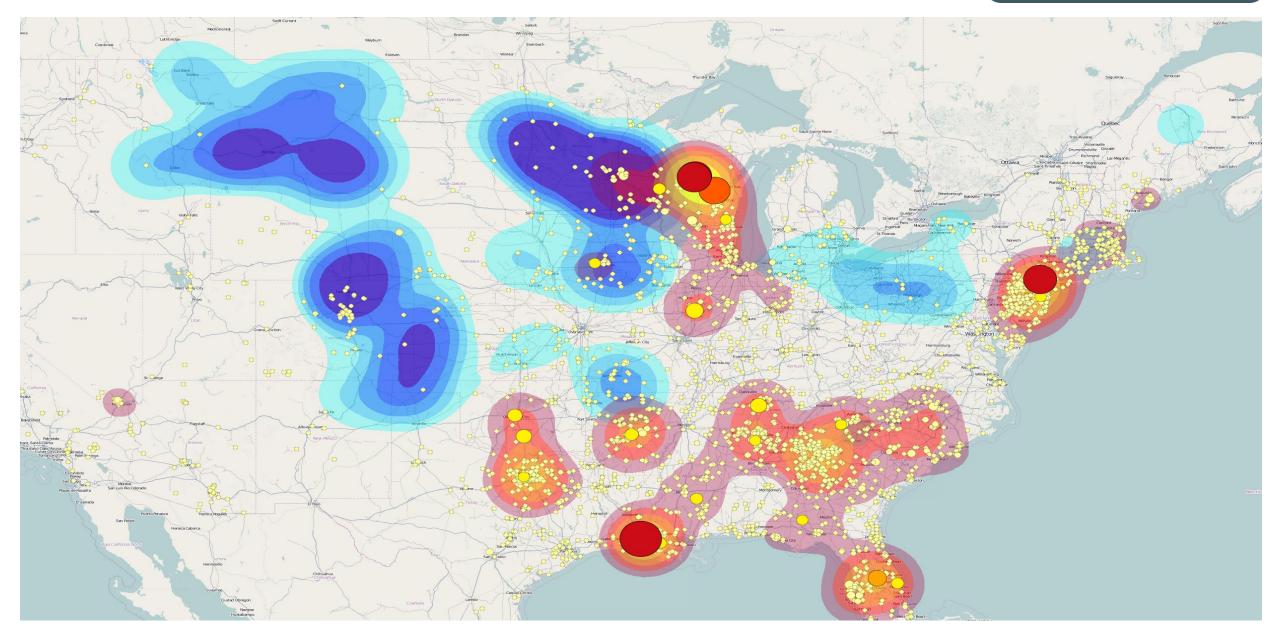
#### flood in south florida



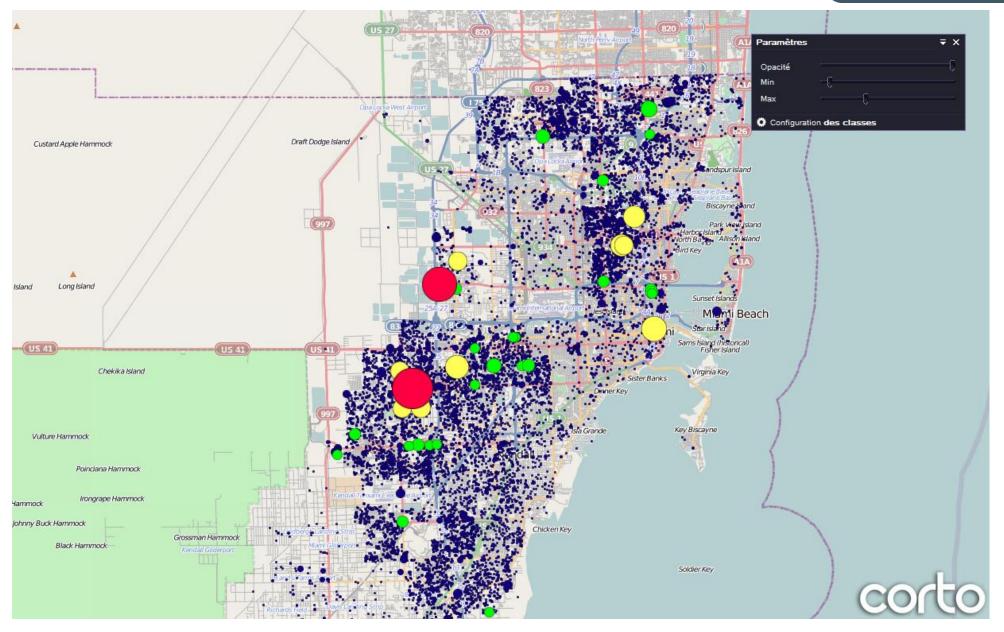


#### cyclones+flood us+ insurance database damage to house (proportional symbol)











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