



#### **Maria Rios**

Expert in Waste Management

Fortune's 10 Most Powerful Women Entrepreneurs
Gold Medal National Congressional Entrepreneur of the Year
United States National Women's Business Council
GW Bush Business Advisory Businesswoman of the Year
Goldman Sach's 10,000 Small Business First Honoree



### **Making New Jobs**

- The Nation Waste Circular Economy will create new jobs to support the operations and build out of the facilities
- Many more thousands of jobs will be created through the opportunities generated by the investment in technology, high speed WiFi, expanded cellular coverage, and improvement of the environment



#### **Environment**

- Deploying an electric garbage truck fleet
- Garbage transfer stations significantly reduce miles driven by trucks
- Using the internet of things to reduce unnecessary collection cycles
- Adopting solar powered technology to compact garbage and gather data
- Replacing fossil fuel pollution with clean biofuels for energy
- Creating a neutral CO2 cycle without contribution to greenhouse gases



### **Environmental Wins**

Sulfur emissions
Particle discharge
Fire risk at disposal sites
Toxic and combustible gases

#### Waste Collection

Waste collection and job creation begins within 30 days of agreement

Transition to both ELECTRIC & Recycled Diesel Trucks

Local business partners of Nation Waste can generate immediate revenue in country wide effort to clean the land

Dumpsters are dropped off and picked up when sensors notify



#### Waste Collection Made Better with IoT

 Trash is collected only when full eliminating unnecessary pick ups saving gas, lowering emissions and saving



- Garbage is compacted to under 5x it's initial volume reducing collection frequency
- Collection times and miles driven are significantly reduced through transfer station hubs
- Dumpsters are dropped off and picked up when full when sensors notify collection station
- GPS tracking for trucks, portable restrooms, containers and equipment
- Solar powered batteries and data collection technology
- IoT powered security and safety for workers



## Waterway Clean up

Our floating systems are designed to capture plastics ranging from small pieces just millimeters in size, up to large debris, including massive discarded fishing nets (ghost nets), which can be tens of meters wide.





The challenge of cleaning up the gyres is that plastic pollution is spread across millions of square kilometers and travels in all directions. Our cleanup technology has been designed to do the hard job of concentrating the plastic first, before it can be effectively removed from the ocean.

## **Ecology and Water Purification**

A blue carbon credit certification program will be established to support funding from companies around the world to invest in the ecology of El Salvador





A water purification program will be funded immediately with a plans to create a water cleansing and distribution facility

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# Recycling & Plastics

Certain plastics are removed and processed into pellets to supply the plastics industry

Metals are removed and processed to supply the electronics industry

The remaining substances are sent to the biomass plant for processing



## **Biomass to Energy**

Plastics are removed and processed into pellets to supply the plastics industry

Metals are removed and processed to supply the electronics industry

The remaining substances are processed in the biomass plant



### Education, Smart Cities, & Private Industry Benefits

Lower cost technology to expand cellular coverage, 5G, and 100 Mbps WiFi through nationwide communities

Tourism

Software

Education

Agriculture

Healthcare

Telecom

Logistics

**Smart Cities** 

**Public Security** 

Transportation

Electronics

Manufacturing

**Airports & Ports** 

Waste Collection

Recycling & Energy

