Recommendations:

1. Combine Southeast Atlantic CRA with Main Street CRA to create a Renewable EZONE

2. Create an Owner Consortium
   Engage Commercial Property Property Owners on the EISB Corridor
   Pay $100 sf for land that will be taken for the Roundabout Design and EISB Upgrade
   Begin this Process TODAY.

3. Remove Height Restriction and combine “Economic Development” Incentives for a developer to do a River to Ocean Electric Vehicle Automotive Themed Mega Development.

4. Promote this concept by doing Renewable Themed Festivals on the EISB Corridor
   Electric Vehicles
   Solar
   Smart Grid Technologies
   Wave Energy
   GeoThermal
   Any and all Technologies and Providers

5. Attract large scale Renewable Investors by combining Colleges, Universities, Tech Schools and Job Creation.

6. Architectural Contest. Using the monies raised by the Chamber offer a Prize for the best River to Ocean Renewable Energy Theme. Engage Architects World Wide Students and Practitioners.
Carnegie to lead global business to UN’s clean energy goal

Carnegie Clean Energy (CCE) has been selected to lead global business in achieving the United Nation’s Sustainable Development Goal of affordable and clean energy.

CCE was selected by US State Department and Unreasonable Group which have formed a partnership called Unreasonable Goals with with the singular focus of accelerating and achieving the United Nation’s Sustainable Development Goals (SDGs) by leveraging market forces.

Michael Ottaviano, CEO of CCE, said: “The only way the international community can deliver its commitment to the SDGs is if business takes a leadership position to unlock the opportunities that these goals present.

“The International Renewable Energy Agency (IRENA) estimates that renewables could reach 45% of total global power generation by 2030. This equates to $605 billion per year more in revenue for renewables generators compared to business-as-usual.”

CCE said it will be joining the US State Department and 15 other companies from around the world in a two-week program next month to develop their strategies and partnerships in tackling each of the 16 SDGs.

The two-week program will bring together leaders from the US State Department, investors, mentors from organizations such as Tesia, GE, Google X, USAID, and multinationals to actively work with CCE and other companies in driving the achievement of the SDGs.

CCE will look to Asia to drive its clean energy strategy, specifically with microgrids and fringe of grid projects, which can deliver clean, reliable and affordable clean energy. The company is already working with small island states, having recently completed a roadmap for the Government of Mauritius on the pathway towards higher penetration of renewable energy.

SDGs, otherwise known as the Global Goals, are a universal call to action to end poverty, protect the planet and ensure that all people enjoy peace and prosperity. They came into effect in January 2016, and they will continue guide United Nations Development Program policy and funding for the next 15 years.

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Posted on June 14, 2017 with tags Carnegie Clean Energy, clean energy, SDG, UN.

Events
The LucidPipe™ Power System generates environmentally-friendly hydropower with no impact on water delivery. Unique, spherical turbines are installed inside large-diameter (24" – 60") gravity-fed water transmission pipelines. The turbines spin as water passes through them, converting excess head pressure into electricity. Multiple turbines can be mounted in series, one after the other, to maximize energy output.

Unlike conventional hydropower* and in-pipe PRV replacement** technologies, the LucidPipe Power System does not inhibit water delivery and operates in a wide range of pipe diameters and pressure/flows.

* Conventional hydropower technologies have been adapted for in-pipe applications, but are not suitable for use in water transmission pipelines because they deplete 95% of the pressure and usually require bypass loops.

** In-pipe pressure reduction valve (PRV) replacement technologies extract significant pressure and are not suitable for use in large-diameter water transmission pipes where pressure and flow velocity must be maintained.
Portland Water Bureau
Portland, Oregon

- Under contract with the City of Portland and the Portland Water Bureau (PWB), Lucid Energy installed a 42" four-turbine system as part of a PWB system upgrade. The site came online in January 2015.
- The LucidPipe system extracts pressure from the pipeline upstream from a flow control valve, which reduces the work required of the valve and will reduce valve wear over time.
- A 20-year Power Purchase Agreement is in place with Portland General Electric, the local power utility, to purchase the energy generated by the system.
- The project will help the city meet its Climate Action Plan goals by generating an average of 900 MWh per year, enough electricity to power approximately 100 homes.*

*Or approximately 600 average, electrified homes in China.

Is The LucidPipe Power System right for you?

The LucidPipe Power System is designed for use by water utilities that have:

- Gravity-fed water delivery pipelines
- Large (24" to 60" diameter) pipes with flow and pressure matched to turbine size
- Excess pressure available to be removed
- Planned pipeline repair or installation, or above-ground location
- Grid connection for sale of electricity through power purchase agreements, or
- Off-grid connection for behind-the-meter use, distributed energy, battery charging

CONTACT /CONTACT/
WHEN THE PRODUCT IS RIGHT, YOU DON'T HAVE TO BE A GREAT MARKETER.
OUR CLIMATE ACTION PLAN

In our own operations, we’re investing in energy efficiency and renewable energy projects that allow us to tackle emissions at scale. We’re already using or purchasing renewable electricity to cover 100% of our operations in Belgium, Brazil, Lithuania, the United Kingdom and the United States.

In 2018, we’ll add Austria, the Czech Republic, France, Spain, Poland and Mexico to the list of countries where we use or fund renewable electricity to cover 100% of our operations.

Read more in our Climate Action Position Paper »

TAKING STEPS TO END deforestation