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Waste to Electricity

The company exploits mixed household waste and produces electricity into the national grid on feed in tariff basis. The feed in tariff will provide 160USD/Mwh and the planned power station will provide 660Mwh/day. The estimated revenues are 35m€ and net profit (pre-tax) 10m€. The company has an off take agreement of the feed stock with one of the biggest waste collection company and a comfort letter from the local electricity company to procure the output. The electricity sales license is pending funding. The World Bank has shown interest also to fund partly or wholly the projects. There are ten more regions that are in the pipeline for similar power stations currently in planning. The Investment for the first 1,000tn/day waste treatment plant is \$103 million Euros.

Wind Park (68 MW)

The company has been granted all permits including planning permission and land to carry out construction of 68MW wind turbine park, near shore. There is a capable local technical team and management in place. Building may start immediately. The investment is up to \$100 million Euros.

Bio Coal

The Company aims to build a facility for wood chipping and forest land. Has several CHP plants in Europe that would be ready in procuring (long term) bio coal in order to avoid/reduce CO2 emissions. Investment up to \$10 million € plant + forest 100 - 300 million Euros (40% of the feedstock requirement) + bio coal production (pyrolysis) proprietary 50 million Euros. The price of bio coal ton is following the fossil coal market.

Coal to Oil - Clean Coal Process Plant

The company places Clean coal process plants anywhere there are coal reserves such as closed mines. In summary, benefits of this process are: Coal can be carbonized into a "char" that can be utilized as a solid smokeless fuel, to reduce air pollution, primary tars and gases resulting from the low temperature carbonization process are utilized to provide marketable petrochemicals and liquid fuels. Chars will be used as fuel for production of electric power or in steel manufacturing. Phosphorous and phosphorous compounds can be produced to sustain the chemical industry. Volatile chars will produce activated carbon for water and air purification, as well as for clarifying sugar solutions. Hot chars will be reacted with steam to produce methane gas, carbon monoxide/hydrogen synthesis gas, or synthetic hydrogen. Utility companies can economically use solid fuels in their existing facilities as the chars will be soft, smokeless and sulfur free. Air pollution control will be enhanced, satisfying even tough air quality standards. Tars and producer gases will provide the petrochemical industry with feedstock for the production of petrochemicals such as Butane, Propane, Benzenes, Toluene, Xylenols, Phenols, Sulfur Dioxide, etc. Investment up up to \$200 million USD.

Oil and Gas blocks and early production in Africa and Latin America

The company that seeks funding in order to procure existing blocks in African and Latin-American continents. Looking to raise funds for the initial phase and further funding for set up of production. There is a highly professional exploration and drilling team in place from USA. Investment up to \$500 million USD.

Oil Drilling

The company facilitates oil drilling contracts in South America. The government through its state own oil company will sign drilling contracts for 5 years to produce oil in delta area. 80 production holes will be offered in the proven oil reserves area for drilling and production. The daily output per dirk is not yet known but we estimate based on the oil viscosity that 1,500-3,000 dopb is plausible. The government will procure the oil produced by us at 60USD/barrel. Estimated investment for 24 months is \$1.6 billion USD for drilling and production proprietary/infrastructure.

Low Carbon Cool Chain Transport System (LCCCTS)

The company provides innovative cool chain solution for the Food, Beverage, Pharmaceutical, Chemical, Health Care, Transportation & Logistics, Military, Leisure, Sports, Emergency Response and Disaster Relief industries. These cool chain units allow 24 hours unbreakable cold chain transportation without use of external energy. Due to their great isolation capacity combined with the patented cooling element, the units are suitable for keeping the cold chain unbroken during transportation, storage and delivery, saving operators up to 70%. Resellers are able to increase their ROI by increasing customer base due to increased distances the food may be safely transported through controlling the temperature. The ROI may also be increased due to reduction in spoilage during transport. The units include cooling elements, containers, ICT tracking, and automated billing. The units have been tested in adverse climates and proven to be stable. The units are in current use and are creating profitable returns. The new technology can also become a new Economic Development opportunity to create manufacturing (containers/cooling elements), IT (tracking/automated billing) and distribution (delivery) jobs for the areas. Investment up to \$50 million USD.

100% Recyclable Packaging Solutions for Industry

The company has patents for technology and concepts to produce recyclable packaging solutions. Group T/O is 60 million Euros and net profit 3 million Euros. Looking for expansion funding up to \$100 million Euros to launch globalization program whereby the company will partner with global end users providing packaging production service as an outsourced business for the users. Estimated growth 250%. Investment up to 100 million Euros.

Personal Mobile Access Node (10G) - Communication

The company provides a worldwide patented telecommunication technology for intelligent mesh network to quadruple the data and voice transfer capacity and speed up the broad band. Personal access node will revolutionize the way we understand telecommunication and provide access to any mobile device or unit. The idea is to design a node and make the first micro network to a major enterprise or city. Growth potential within 3 years enormous. Investment up to \$100 million USD.

Airships – Transport

The company builds the SMA Class 600 is the world's largest operating blimp-style airship at 235 feet in length and 580,000 cubic feet of interior volume. Larger airships can typically carry larger payloads, fly higher, and fly faster – and the SMA Class 600 offers a unique combination of flight capability and cost-effectiveness. The SMA Class 600 is designed to fly at up to 20,000 feet at speeds of up to 70 knots, and carry a payload of 15,000 pounds at 2,000 feet of altitude and up to 1,000 pounds at 20,000 feet. The SMA Class 600 is designed for U.S. and international government and military applications, including surveillance, communications and remote sensing, but also has a wide variety of civilian commercial uses including mineral exploration, communications, healthcare, advertising and cargo and/or passenger transport. The cabin is located in a gondola under the outer envelope, and can be flown either manned or unmanned. The airship is intended to have flight duration of between 48 hours and 1 week. Investment up to \$100 million USD.

Aluminum Foam Steel (AFS) River Class Vessels

The company is procuring docks from STX Europe and investing in AFS factory to produce inland water ways vessels for the European and Russian markets. There are already soft commitments for 200 units in Russia alone for this type of vessels. One vessel will be priced around 16-30m€. Good operative margin. Investment up to \$1 billion USD.

Cellular Concrete Building and Construction

The company contracts residential and commercial construction - large infrastructure, power systems, and housing developments using the advanced cellular concrete and solar technologies. The company provides

total “off-grid” solutions for housing and structures for our customers throughout the United States, Canada, Caribbean, South America, Middle East and Africa.

Cellular concrete is a lightweight concrete with a Portland cement base containing many small air cells uniformly distributed throughout the concrete. Cellular concrete is produced by the use of special foaming agents in combination with highly efficient mechanical blending systems that produce uniform air cells within the blend. This material has been frequently used in geotechnical applications to line trenches and tunnels, to cover or fill large areas, to form sound absorption walls, create crash barriers and runway arrestors, to create lightweight partitions, lightweight roof decks and light weight retaining walls. With the development of new and better cellular concrete products and systems for its utilization, cellular concrete is being used in roads, bridges, residential structures, commercial buildings, power plants, levies, curbs, railroad bed systems, and countless other applications.

The advantages of cellular concrete over traditional concrete materials are numerous. Examples include its ultra-light weight, increased sound insulation, increased thermal insulation, and reduced material costs, excellent freeze-thaw resistance, high fire resistance, low permeability, and ease of application and workability. There are considerable job cost advantages by using cellular concrete as an alternative material in many applications. Cellular concrete is light-weight, thus is less expensive to transport. Cellular concrete can be engineered for self-leveling and free flowing, or stiff enough to hold a perfect crown, thus involving less labor. Cold joint-to-joint pours can be achieved. Longer spans between joints are common. For geotechnical and road applications, cellular concrete can be poured on unstable soils that would be unacceptable for the use of traditional concrete or asphalt materials and without expansion joints, of course.

Atmospheric temperature variables are not as much of a factor as traditional concrete materials. Cellular concrete has been used in extremely cold and extremely hot locations without incident of failure.

There are current electrical power grid challenges in many locations worldwide, The lack of electrical power, prohibits expansion with needed new housing and commercial developments. Our integrated solution, however, provides advanced superior eco-friendly construction plus off-grid capabilities for construction projects. A 100% off-grid structure can be developed with cellular concrete (fire proof roof structures), solar power and efficient LED lighting providing the energy within the house. This allows for additional housing developments, and other commercial applications, in any location without fear of compromise for lack of electrical power from the grid. Therefore, our housing and commercial developments can be provided for on-grid electrical development, or total off-grid locations. Investment is up to \$100 million USD.

Automated Circumference Warehouse Building Systems

The company has a patented building system that is best fitted on urban areas where high storing capacity (cars, boats etc.) is needed on small surface area, or where the material flow and cycle speed of products are high. Although the idea is new, realization and technique are mainly based around existing and functional solutions. The warehouse consists of multilayer racks which are circular around each other. The warehouse circumferences constituting from the multilayer racks are rotating or alternatively some can be fixed. The fixed ones are steadily installed on the floor basis. The rotating circumferences have been sustained on circular rails on the floor via idlers. There are also running motors with drive and un-drive pulleys. By aid of the running motors with drive pulleys the racks are freely rotated on desired position. On pallet storing the racks applied are made by familiar rack manufacturer. For car parks the racks are made of steel in accordance with special design. Investment up to \$50 million USD.

Fish Processing Plants – expansion to hot spots around the world

As the wild fish may disappear within the next 20 years, the farmed fish will become an inevitable source of raw material for the fish industry. With the latest technology the company wants to initiate production in ten locations to serve the already existing customers. The forward contracts are in place to sell the output and funding is sought to set up production facilities in select locations worldwide. Planning permission and land is available in some locations and the company is in the process for procuring suitable land in more locations. Initial investment up to \$100 million USD.

World's Most Advanced Grow Houses

The company builds grow houses for food production. The best combination of advanced technologies, superior quality, cost-effective construction methods, total "off-grid" power solutions, compatible within any climate or geographic location; impervious to wind/cold/water/fire elements, and through our advanced technology growing systems, providing the finest solution for efficient, high-volume food production. The company provides a perfect growth environment and the ultimate barrier from environmental or predator forces. The system is available to provide perfect growing conditions anytime, day or night, 24-7-365. The grow house utilizes a cellular concrete structure plus advanced hydroponic growing systems for maximum food production in the shortest period of time, and solar energy systems and LED lighting. The structure resists hurricane force winds, fire, flood, seismic activity, gunfire, and predators and provides complete protection from the environments for optimal plant growth and food production. There are rapid construction timeframes. Operations provide a return on investment within three years or less in most cases. Initial investment up to \$50 million USD.

Solar Power Stations

The company builds solar power stations with advancements in solar energy applications for Power Stations, Residential, and Commercial power projects. From on-roof residential and/or commercial systems for houses, schools, hospitals, factories, grow house food production facilities, or retail projects, to complete Power Stations designed to provide clean green electrical power to mining operations, industrial factories, rural communities, or entire cities, we have superior power solutions for off-grid applications anywhere in the world.

On-location power plant development provides clean green energy to mining or other industrial applications, off-grid communities, or entire cities, anywhere in the world. Designed and constructed to specifications based upon electrical need, location, and other design parameters. Finest 'off grid' green energy solution on the market today. Investment up to \$100 million USD.

Solar Energy Station that can create ROI in three ways:

1. The plants can be owner operated and the excess power can be sold to the communities and governments.
2. The local communities/governments can be a joint venture partner to share in the management and operations of the facilities and share the revenues for the energy that is produced.
3. The local communities/governments can own the Solar Energy Parks and we only serve as the consultant/training/contractor for the project.

Solar Production Line - Final Assembly in the USA and Africa

The company delivers full-scale final-assembly solar production line - complete final manufacturing capabilities for Solar factory operations in the USA and in Africa. Investment up to \$50 million USD.

Humate Mine and Manufacturing Plant

The company includes a Mining and Processing Plant producing the highest quality Humate in the world. This 100% organic material is used successfully in agriculture, lawns, golf courses, flowers, cosmetics, pet food, waste treatment, soil remediation and other environmental projects worldwide. The mine is located in the United States. Investment up to \$50 million USD.

International Center for Innovation (ICI)

International Center for Innovation (ICI), the leading high-tech corridor in the Southeastern U.S., will not only be the first international Eco Commerce Business Park in North America, but the first Eco Commerce driven business community in the world. The ICI can potentially accommodate up to 500 domestic and international companies and 15,000+ employees, making it the largest Independent for-profit Eco Commerce center of its kind and home of the ICI's corporate offices, companies from around the world, workforce training center,

and R&D facilities. ICI becomes the leading Innovation hub for worldwide market applications, and technology company staffing needs in technology, finance, engineering, energy, environment, defense, materials science, infrastructure, transportation, climate resilience, disaster reconstruction, and more. Investment up to \$50 million USD.

Commercial Real Estate

A Company is seeking limited partner equity to acquire one Class "A" Office Building containing 263,676 sf (94% leased), and one Class "B" Office Building containing 242,092 sf (60.4%) leased. The property went into foreclosure in November of 2011. It is likely that this project will go on the market in early 2014 as an acquisition opportunity around \$100mm. Atlanta area office vacancy is at 15.5% and has had decreased vacancy, positive net absorption, and positive rent growth. The Buckhead Submarket as of Mid-Year 2013 is at 18% vacancy for both "A" and "B" Class office buildings. The market had 78,000sf of positive absorption 2nd Qtr. The market is expected to continue to improve, making this a potentially excellent investment. The management team has extensive knowledge of the submarket and immediate competing set for the property, giving the ownership an excellent advantage as a new owner. This is currently an off market opportunity that has not been presented to any potential buyers. Details on the strategy and opportunity can be obtained by contacting us. Investment up to \$100 million USD.

Eco Ventures Technology Commercialization Fund

The Company invests in the early stage technology ventures which have been identified to be the radical mainstream technologies and applications of tomorrow. 30's total expected; 10-15 per year; average investment size of \$2mm to 3mm; max size 20mm equity investment; profitable, recurring revenue goals; majority stakes; active management; performance measurement; criteria - component technology critical to multi-nationals' success; contacts and management expertise provided for acceleration into market; builds markets with strategic partners; good for grants and government applications; portfolio balancing or add-on investment.

Focus on EU, Scandinavian, and Russian markets and developed U.S. tech regional markets. Utilizes arbitrage possibilities and transfers the technologies efficiently into the United States. Prescreens the technology, prior to the commitment of capital. Envisaged return will be 10 fold and an estimated success rate 30-40%. Invests in companies according to the approved DD and acquire a stake of an average of 30-60%. In addition, to secure a shareholders agreement which will give the possibility to guide the company forward and make the introductions into the U.S. market.

In the same sector, focus is on the small growth companies which have already received seed funding and are committed to expand their operations into the U.S. Some arbitrage possibilities exist, but the aim is to get the company into the U.S. market and to find a suitable and sizable trade partner to enable quicker exit and better portfolio diversification. Size of the investment would be \$2-5mm or more. For the larger projects, such as the solar and wind parks, the rate of return will be 20% of the investment; i.e. an average unleveraged investment \$5-20mm.

The company seek to raise up to \$200mm as equity and is planning to offer shares up to 80% in the near term. The post-money market valuation would be approximately \$300mm. The exit strategy for investors would be either by listing the company on a U.S. based share exchange or divest the company's shares or assets as a trade sale then redeem the capital and profits to shareholders, gradually or in a one time recapitalization payment at a 40% target IRR to investors within 3 years. Full scale benefits for large companies: reach new markets and build sales; seed innovators vs. buy techs at premium, and receive completed tech companies in return in 18 months; expert management and broad B2B marketing applied at minimal cost; efficient use of internal venture funds' commercialization capital; referral revenues on vendors they bring to network; membership in recognized network of applied and thought leaders from governments and industries globally creates local business support; diversity. Full scale benefits for Innovators; direct Funding, build all business departments which mitigates investor risk; inexpensive B2B marketing, reach global market; reach suppliers; education and workforce training resources; no firm to small; protect IP and investment; simplify business development; show strength by association and relationships; tools to mine business data and develop campaigns. Investment up to \$200 million USD.

About Us

Founded in 2009, the [Chamber of Eco Commerce](#) (CEC) is a USA based for-profit business alliance, a fast growing international B2B network. We encourage you to join our [partner projects and initiatives](#). We are privately funded; we do NOT charge membership fees; we do NOT accept donations, instead we encourage you to make donations direct to our non-profit stakeholders.

We have a new global approach to leverage technology, finance, transform business, and catalyze change. We have concluded and distilled our key success factors into four distinct practices: 1. We have the ambition, know-how and courage to deliver business innovation, transform businesses, and accept responsibility for achieving the results we seek; 2. We engage others in our compelling technology-driven projects and initiatives, adding shared value to all; 3. We empower innovators, business and policy leaders, entrepreneurs, corporate intrapreneurs, and philanthropists with actionable knowledge to enable collaboration; 4. We use and target a variety of tools to create change, including unconventional ones, from outside the for-profit sector; 5. We create and deliver timely information to improve effectiveness and to influence the behavior of others.

With our Portfolio of Technology, Projects, and Initiatives, we are uniquely positioned to take advantage of the opportunities and challenges presented by business innovation which simply put is to - connect highly motivated business leaders, to enable effective knowledge and technology transfer, catalyze sustainable business models, and transform companies and communities. With both sides of the equation our efficient scalable platform manages and engages the parties with information and collaborative education. Our focus is on expanding our portfolio of partner projects, and to position our physical and virtual Eco Commerce Hubs in key locations worldwide. We are a technology and management consulting and investment B2B network, serving our stakeholders and customers.

Corporate Social Responsibility (CSR)

We feel that it is our obligation to take care of the environment, and to contribute to the work of ensuring that the coming generations are able to have healthy living conditions and fresh water. We are focused on providing solutions for business that help mitigate, adapt, manage and respond to natural and man-made risk and minimize waste and pollution.

Our technology-driven partner projects and initiatives contribute to economic growth, poverty eradication, and create shared value to all. We support the implementation of the United Nations Development Goals by improving living conditions, creating new jobs and sustainable business models, and developing human capital.

We believe that with the right partners the private sector can significantly contribute to the development of new and underserved markets worldwide. We support enterprises, especially those that face significant barriers to growth, become profitable and sustainable businesses. We bridge the gap and bring the benefits of business innovation to market. With the assistance of our stakeholders, we accelerate the multilateral transfer of actionable knowledge and technology, to better serve all size organizations and communities worldwide. Please join us:

- [Investing in Innovation for Climate Resilience 2013-16](#)
- [Innovation Center for Climate Resilience \(IICR\) - A Call for Sponsors](#)
- [STEM for K-12 in America](#)
- [Technology Submittal Form \(TSF\)](#)
- [A Call for NEW partner projects/ initiatives](#)
- [Disaster Recovery Hub for Business Advisory Board](#)

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