

The GreenTech Corridor Concept



By Acceleratum LLC

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Disclaimer

This report has been produced for introduction purpose only. The information contained in this presentation is intended for discussion purpose only. We have not been able to carry out extensive Due Diligence on the business, legal and administrative matters and have not yet been able to do profound market analysis of the situation in the USA.

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The Drivers for the Future Sustainable Community

Consumers and individuals are driving change regarding environmental thinking in corporations and society as a whole. There is more focus on intelligent consumption which has led to increased competition, and a demand for new more competitive sustainable products and solutions.

Carbon footprint exposure remains a policy factor that has increased the demand for new products, business models, and value chain improvements. Society and policy makers will support and enforce changes and may penalize polluting and energy inefficient products and processes.

The clean tech market will be the a growing global market for years to come. A classic example of this growth is the emergence of sustainable communities. Specifically the transformation of accessible, asset-rich public and private land into world-renowned communities of renewable energy development, promotion, and lifestyle.

The goal of a multi-use community is to design, develop, and build a complete, sustainable ecosystem which supports the an organizations strategies for developing renewable energy technologies for future benefit applicable to all of us.

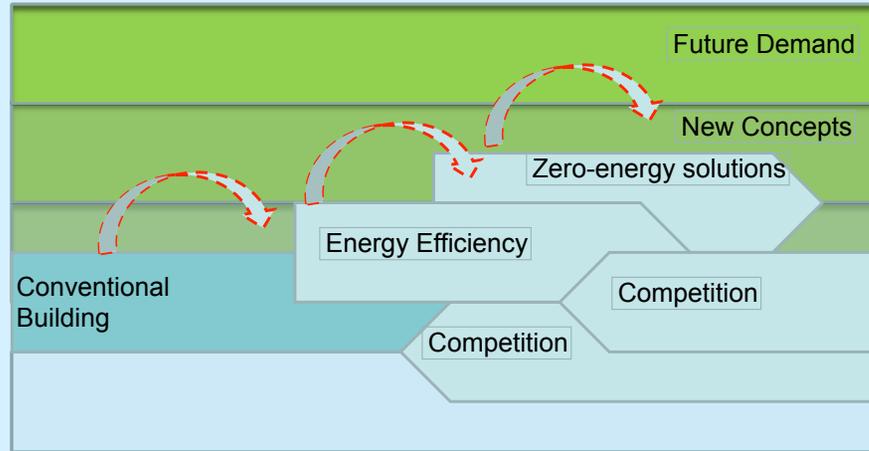
The outcome will be new concepts and businesses that preserves the environment and adds value to people's life (professionally and leisure).

The Building Industry: new challenges & new opportunities



- Increasing competition within the building sector has reduced margins.
- To stay ahead of competition new ideas and methods must be implemented for securing growth, organically as well as through acquisitions and partnering.
- Energy efficiency and environmental businesses are a force of trend setting of which new concepts will be extracted from in the future.
- Trends emerged from life style, zero-energy solutions, and intelligent housing technologies are prevailing.

Building sector drive for better margins – Acceleratum will help create new concepts and products for the future demand.



Current Situation

In cooperation with the City of Marietta the opportunity exists to develop and implement a future concept and raise a "monument" that is a forerunner for US products in Green & Eco thinking.

The GreenTech Corridor (GTC), Marietta Georgia



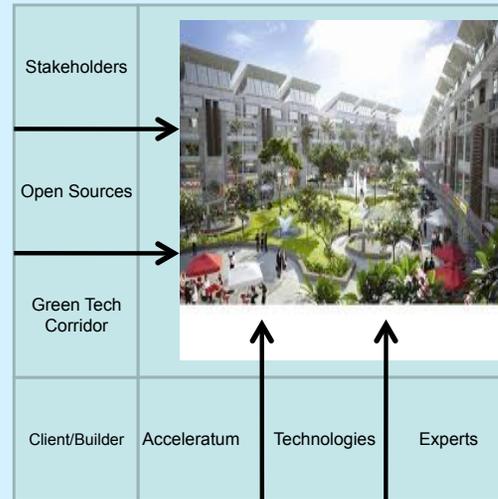
- The GTC targets to become a functional zero net energy consumption and zero carbon emission office complex using the new concept of 'how to utilize office complex in a eco-environmentally friendly way'.
- GTC offices aims to provide an atmosphere for efficient working flow reducing the feeling of being at work featuring user friendly functions in the building that will be susceptible for workers, building users, clients and the visitors.
- GTC targets to utilize the best alternative energy sources as geothermal heating & cooling, solar and wind energy and energy storage units to provide even input of energy as and when needed.

Acceleratum produces to the Client a functional concept



- Acceleratum produces an implementable concept which is based on a combination of traditional principles of construction and very innovative technologies. Energy is essentially supplied by aero thermal and geothermal power, generated by the green house surrounding the building.
- The frame of the concept will be set at the beginning of the project by the customer 's knowledge and expectations, otherwise Acceleratum has freedom to create.
- The client gets to control and impact on the resources already in the early stage securing efficient use of resources on the most interesting outcome.

Acceleratum is creating the new Solution through interweaving technology and innovation



- Through Acceleratum's Round Table process information is first collected from client's internal sources.
- Based on the findings and analyses information search will be extended to open sources and for mapping out stakeholders and customers expectations.
- Information, expectations and solutions are crystallized through Acceleratum Round Table path finding with the help of advisors and technology experts.
- The interactive process continues with the client until the new concept has been extracted.

Examples of Success

Project References

Fazer Bakery;
Automated systems for marketing, production,
optimization for European biggest bakery;

Neste Chemicals;
Control system for petrochemicals;

Nokia Tyres;
Process Control systems and office net-working;

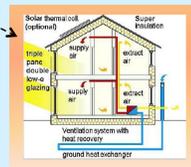
Swetogorsk, Russia;
Control systems for paper mill;

Surface processing plant for extra long materials;

Planning and Construction of Recycling plant;

Developed new technology for geothermal pumps
adjusted for Arctic conditions.

New Solutions, New Thinking lead to a New Future



The solution integrates Innovation with Traditional Approaches

Combination of traditional principles of construction with innovative technologies.

Energy is supplied by aero thermal and geothermal power, generated by the green house surrounding the building.

The building is controlled by the recovery and redistribution of these two sources of energy.

Heating pumps situated in the tempered environment provide additional supply.

Solar energy is captured by photovoltaic membranes.

An integrated system of intelligent regulation and electronic cards are linked to energy consuming equipment (fan convectors, lights, shutters, computers, access control, etc.) which inter-communicate via the standard electric network and optimize their use.

