



Biosirus Inc.

Overview

**21 Amber Street, Unit 3
Markham, Ontario, L3R 4Z3 Canada**

Focus

• Smart Energy Solutions Across Verticals

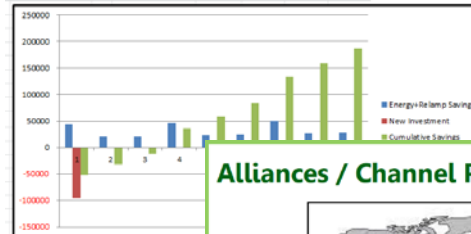
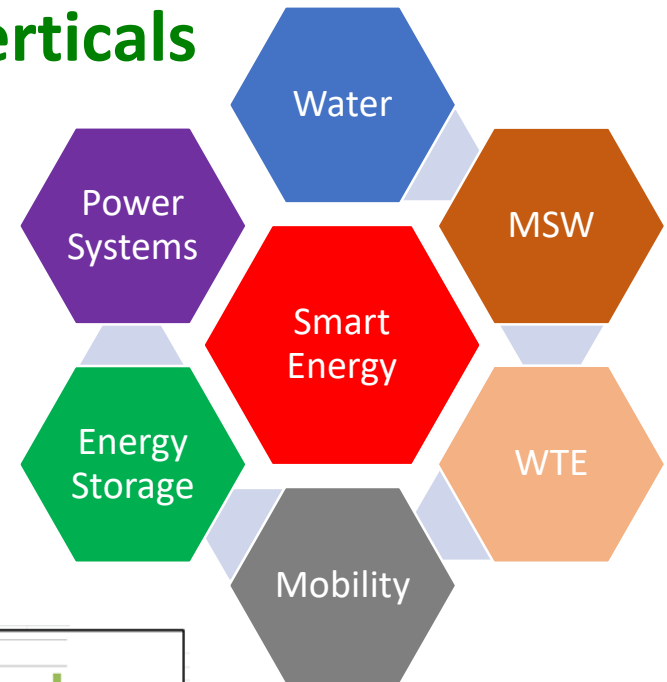
- Retrofit / Quick ROI (1-5 years)
- Architecture – Small, Distributed & Discretized
- Energy Efficiency
- Eco-friendly Technologies

• Direct Market Approach

- Utilities, Industrial, Commercial, Municipal
- Advisory Services (Select Reseller)
- Problem Solving – Technology Driven
- Shared Savings – ESCO Models
- Delivery through local contractors

• Partners

- Small Manufacturers
- EPC Contractors
- NGOs



Solutions

• Themes

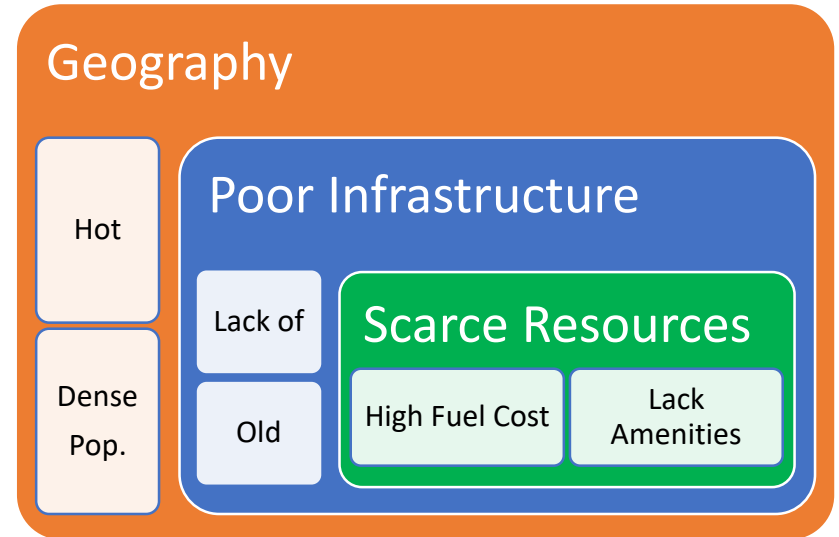
- Smart Grid, Smart Cities, Rural Energy Access
- Urban and Rural
- Applied R&D
- Technology Development
- Knowledge Transfer

• Services

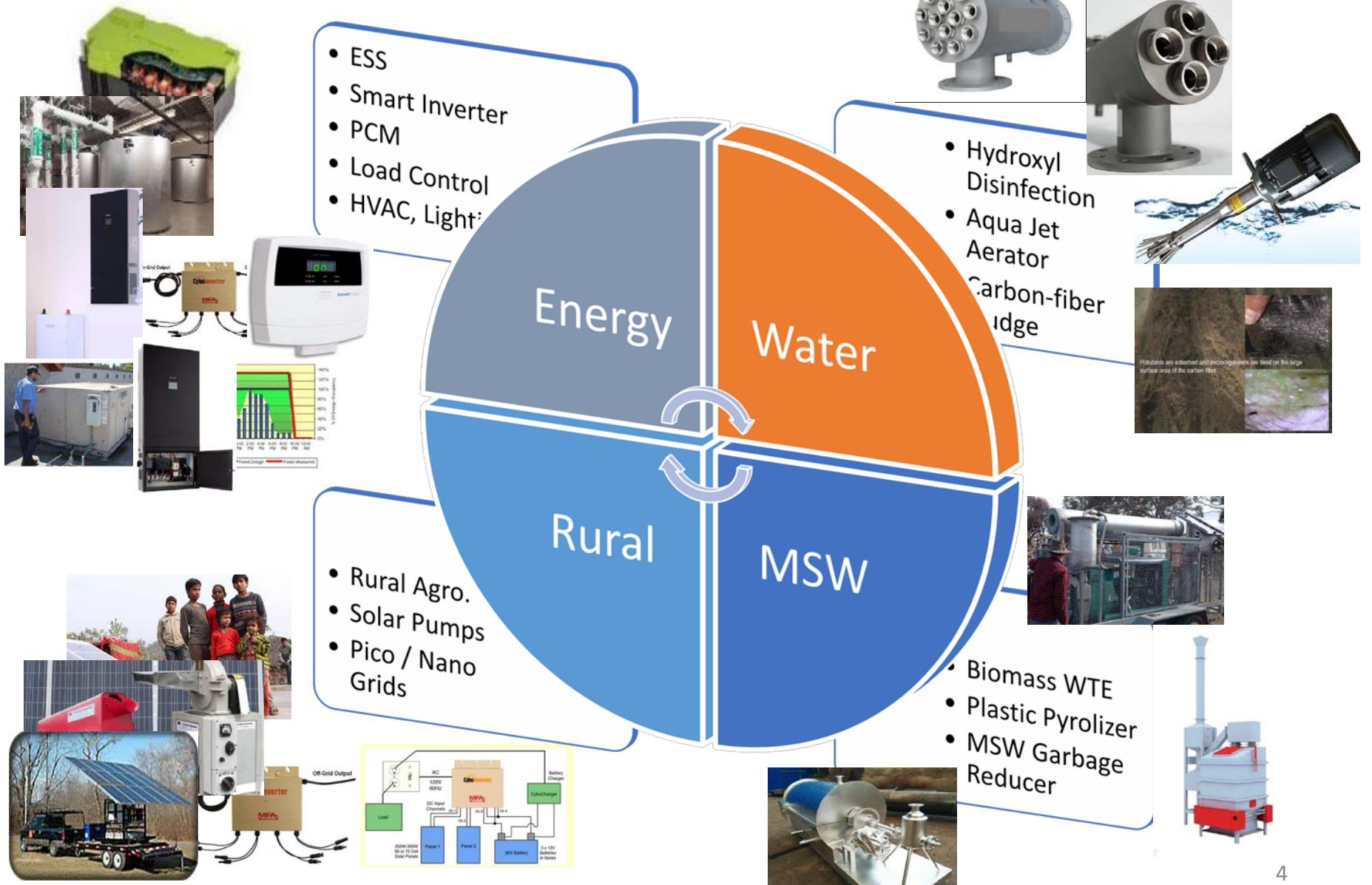
- Local/In-situ Retrofit Solutions
- Strategy, Roadmap, Rollout
- Deep Dive Analysis
- Solutions Architecture and Equipment selection

• Working Methods

- Work with Client's Staff/Service Providers
- Quick Handoffs (No Long Reports)
- Turnkey or Advisory Only



Technologies



Benefits

• Operations

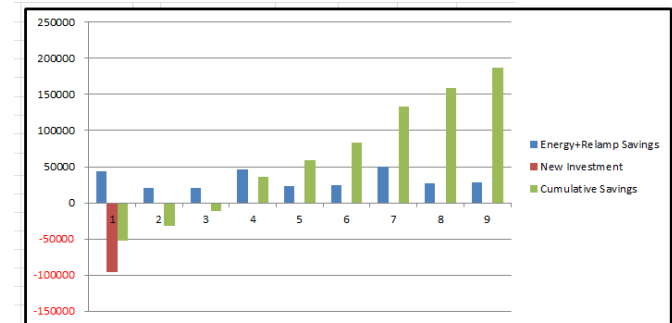
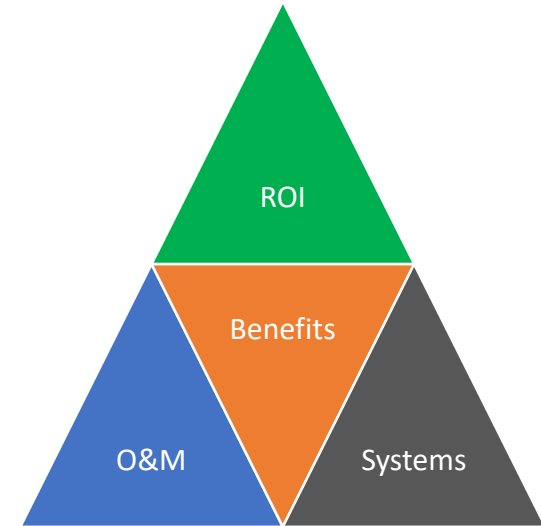
- Lower Energy Footprint - Typical savings 15-35%
- Lower Demand Charges
- Lower O&M costs

• Financial

- Typical ROI 1-3 years
- Potential for ESCO Models – Shared Savings

• Technology

- Eco-Friendly technologies
- Discretized (Scalability)
- Simple Systems



Clientele

International Clientele Mix

| | | |
|---|---|--|
| Academia  Research Center setups, Innovation Hub proposals, research contributions, expert lectures. | Federal Governments  Participate in International Forums, Summits and round table discussions Expert lectures to foreign utilities and industry. | SMEs and Start-ups  Technology/Product development and international market promotion. |
| NGOs and Trade Associations  Invitations to global meetings and conferences. System studies in urban transportation, Grid Impact studies | Industry  Power systems and energy efficiency solutions (lighting, HVAC-R, load controls, RE integration). | Supply Chain  Numerous technology and product partnerships with international SME companies. |

Expert Advisory Assignments - Completed/In-Progress

2021

Future

2020

Future

2019

- Smart Meter Telecom - Middle East
- EV Infrastructure - Kolkata, India

2018

- Innovation Vision Report - Canadian College
- Generation Maintenance Services - Middle East Utility
- Energy Storage Roadmap - India
- Smart Grid Roadmap - SAARC Countries
- EV Roadmap - SAARC Countries
- EV Bus Technology - Kolkata, India

2017

- Implementation Plan - Electrification of Public Transportation - City of Kolkata, India
- MOU - Energy Center - Panama University
- Product/Technology Development - North American and Asian companies

2014-2016

- R&D Support (Energy Systems) - Canadian University
- Low Voltage DC Systems - Canadian Standards/Council
- Smart Grid Technologies - Canadian Fed. Govt.
- Product/Technology Development - Canadian, USA and Asian Companies



Thank You

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