



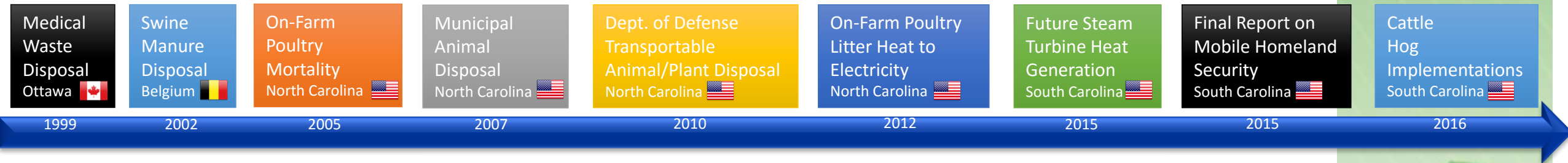
Opportunities for Bio-Waste Management in Commercial Agriculture

March 12th, 2015

Agenda

- Introduction
- Credibility
- The Current State
- Drivers of Opportunity
- Business Model
- Feedstocks
- 2 Commercial Examples – (Videos)
- Solution Watch
- BGP's Target Markets for 2015-2018
- Global Demand
- Leadership Team
- Question

Introduction



Turn-Key Application Assistance Program



BGP Provides assistance for applications to Federal, State and/or Provincial agencies for grants, loans, and rebates related to biomass and green energy waste management programs.

**The Difference:
BGP's Process results in
100% eradication of all
microbes.**

Credibility



CTTSO *Combating Terrorism
Technical Support Office*



The Current State



Finding sustainable solutions is a **GROWING** global challenge.

- U.S.A alone generate over **1.5 billion tons** of biomass waste annually (feedlots, manure and dead stock)
- Unprocessed biomass waste leeches into our ecosystem (Pesticides, hormones, antibiotics and other infectious agents)
- Over-nutrication of scarce fresh water resources
- Consensus building that change is needed

Drivers of Opportunity



**Lack of Sustainable
Alternatives**

**Changing
Regulatory
Environment**

**Social Technology
(Driving
Conversation for
Change)**

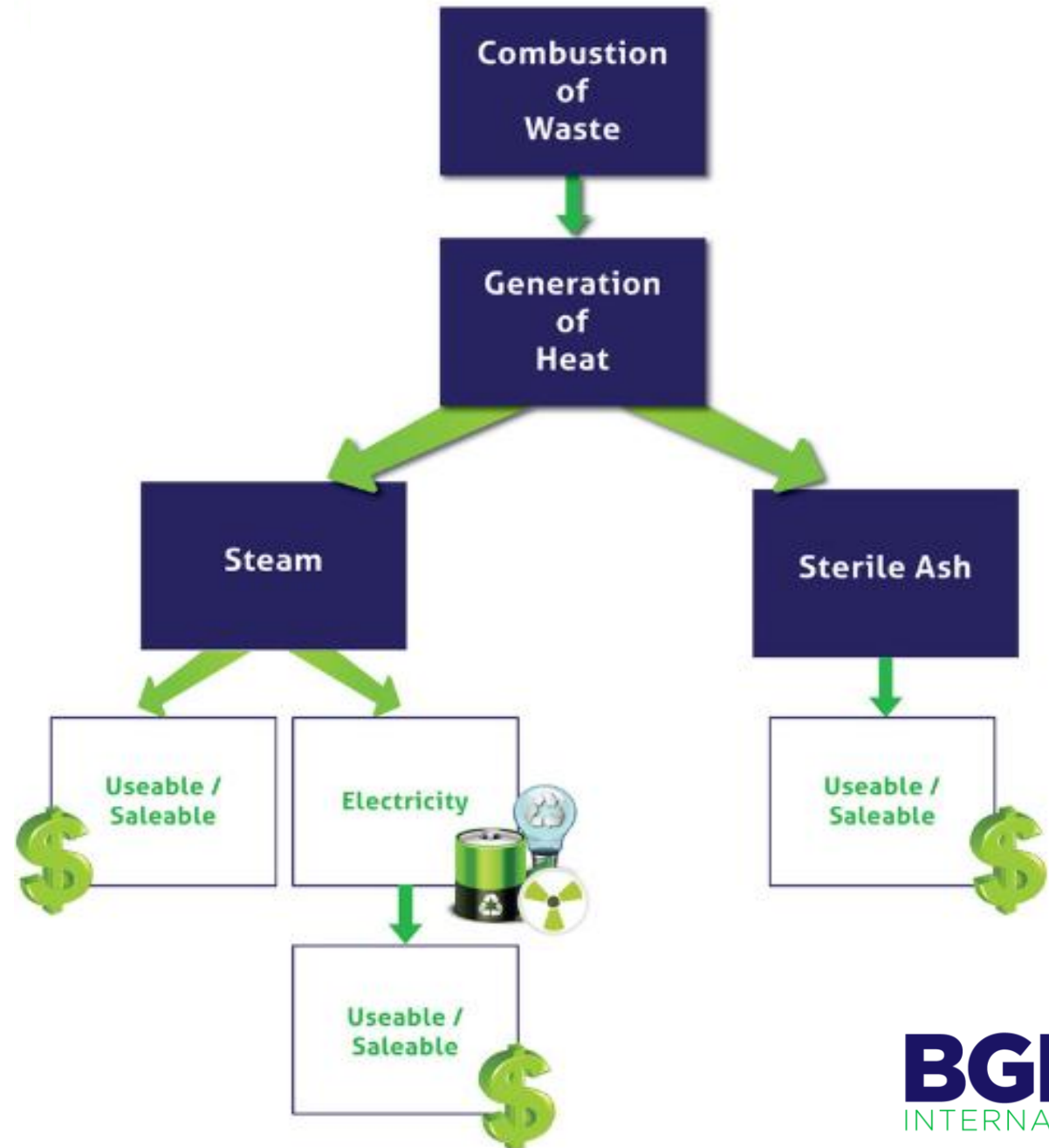
**Emergency
Preparedness'
(Outbreaks,
Natural Disasters,
Counter Terrorism)**

Business Model

On Farm Gasification allows for:

- Reduction of waste by up to 90%
- Generation of heat for direct use
- Possible Electricity generation
- Coveted Ash (akin to Potash)

✓ Greater control of the Operation



Feedstocks

On Farm Gasification demand seen for:

Organics

- Rice, Corn hulls
- Landfill diversion
- Must, mushroom substrate
- Greenhouses etc.

Manure Management

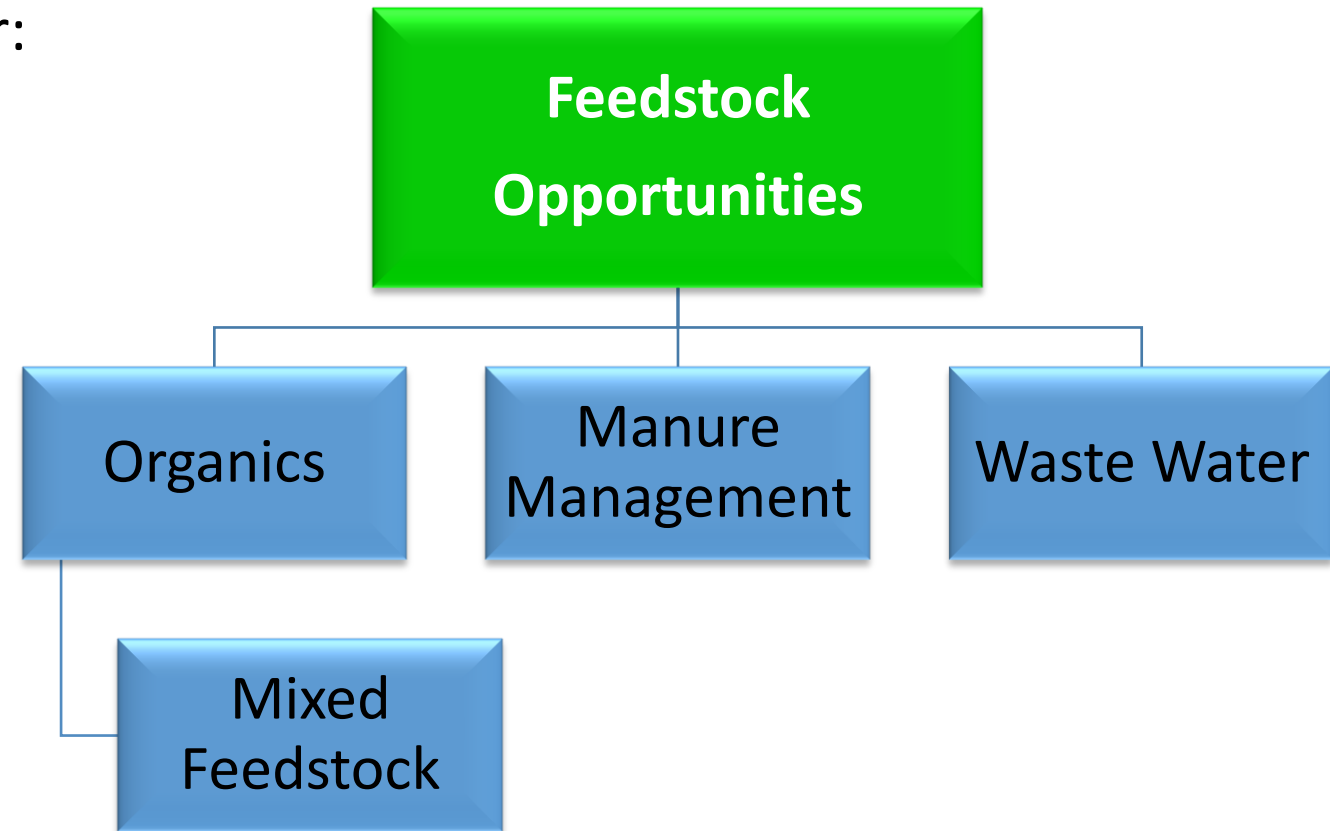
- Any livestock

Waste water

- Small/rural settings

Deadstock

- Management



✓ Material Handling is Critical for Success!

On Farm Opportunities



CLICK HERE TO VIEW VIDEO



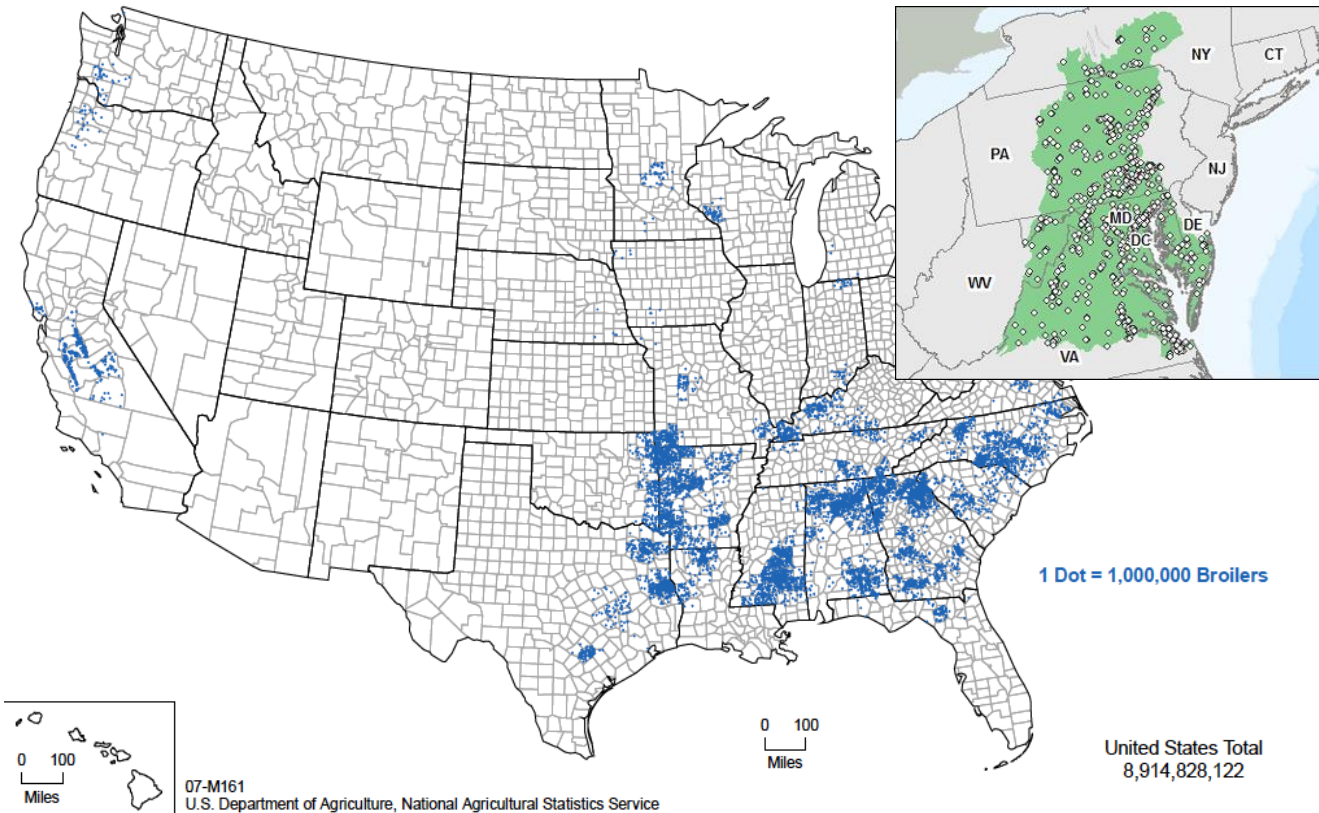
Mobile Emergency Readiness



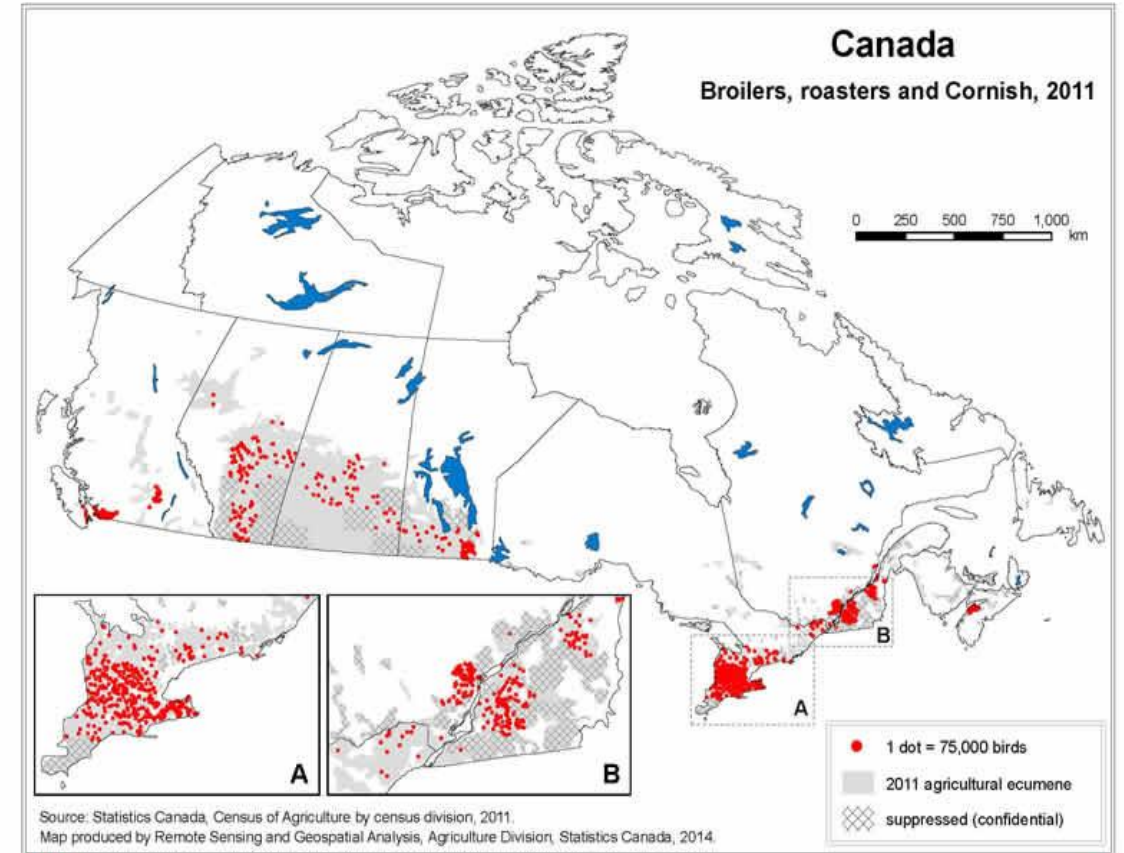
Solution Watch

BGP Solution	Applications / Use Cases
Waste to Energy (Continuous Feed)	<ul style="list-style-type: none">• Mid to large size Farm for manure management• Landfill diversion strategy for organics• Waste water sludge management – rural communities
Mobile Solution	<ul style="list-style-type: none">• Military readiness applications• Governmental agencies for disaster response• Outbreak management <p>✓ Strategic partnership between rendering plants & government</p>
Deadstock Management (Batch cycle)	<ul style="list-style-type: none">• Any sized farm for management of dead stock• Veterinary hospitals, Police Services, Road and transportation, airports• Deadstock management companies

Target Markets - (Primary) NA Poultry Farms



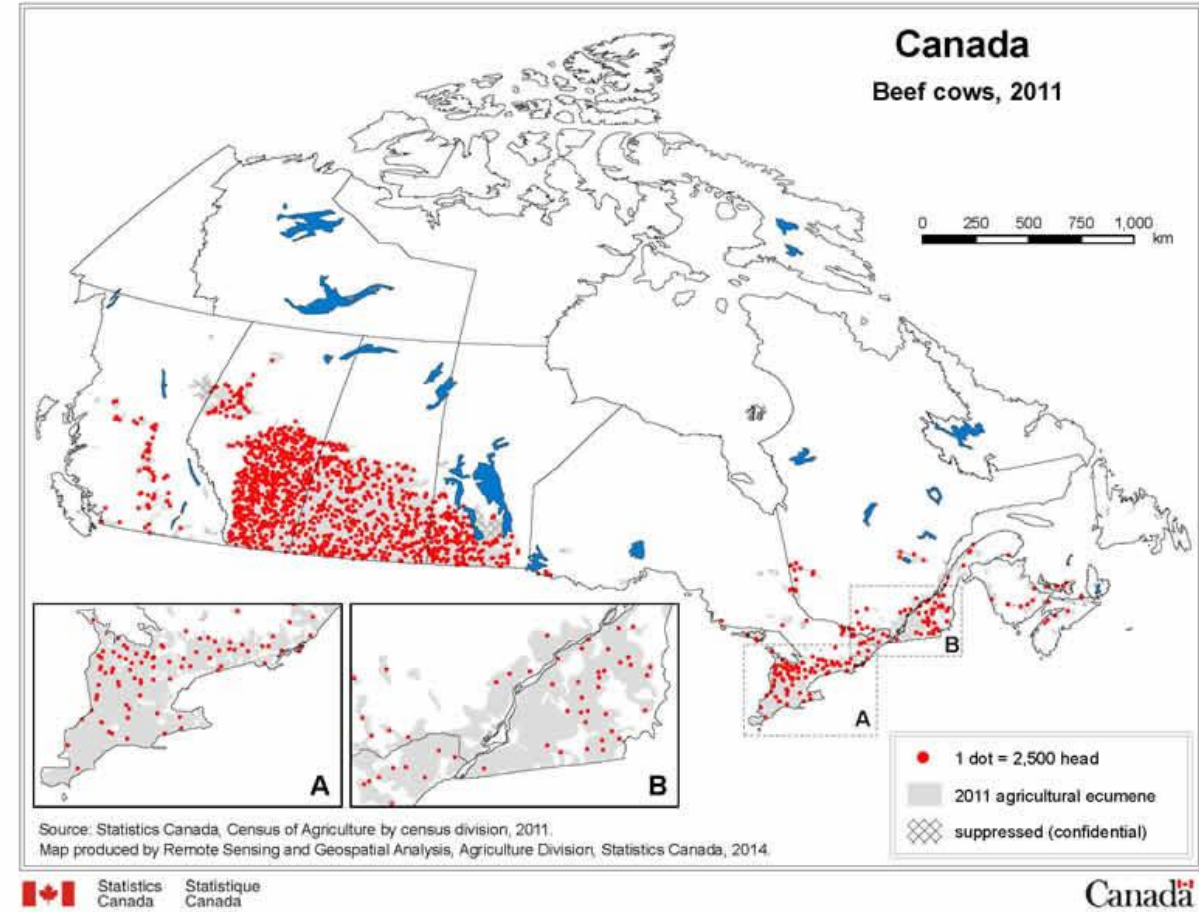
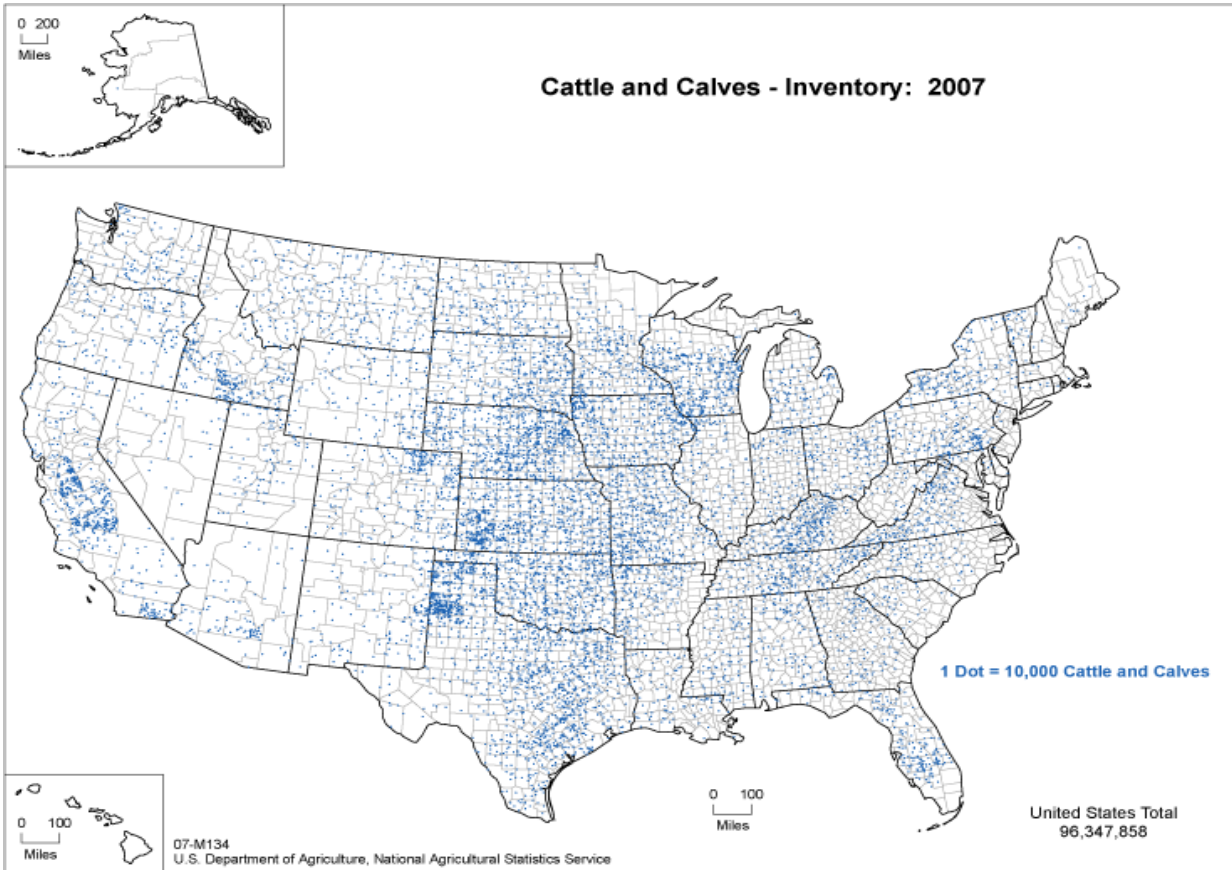
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U.S. Department of Agriculture, National Agricultural Statistics Service



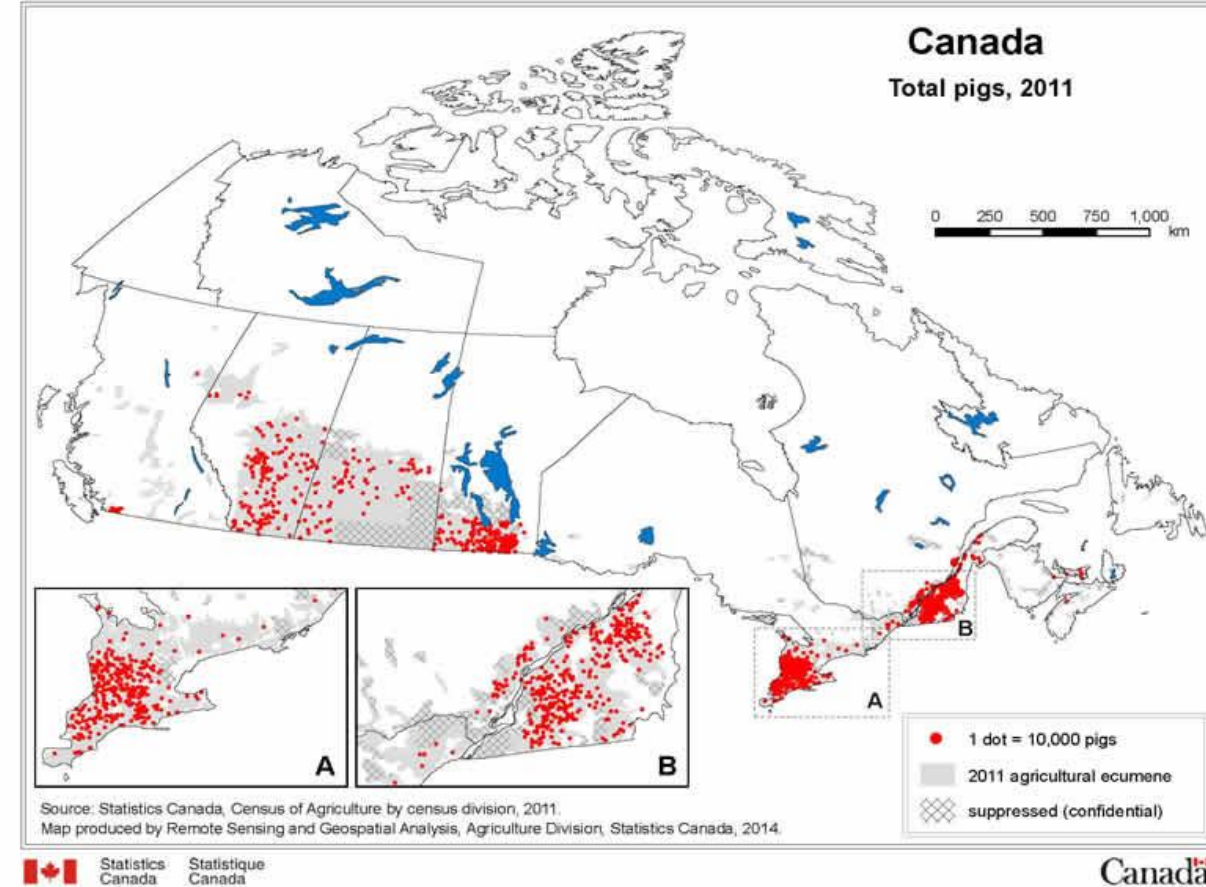
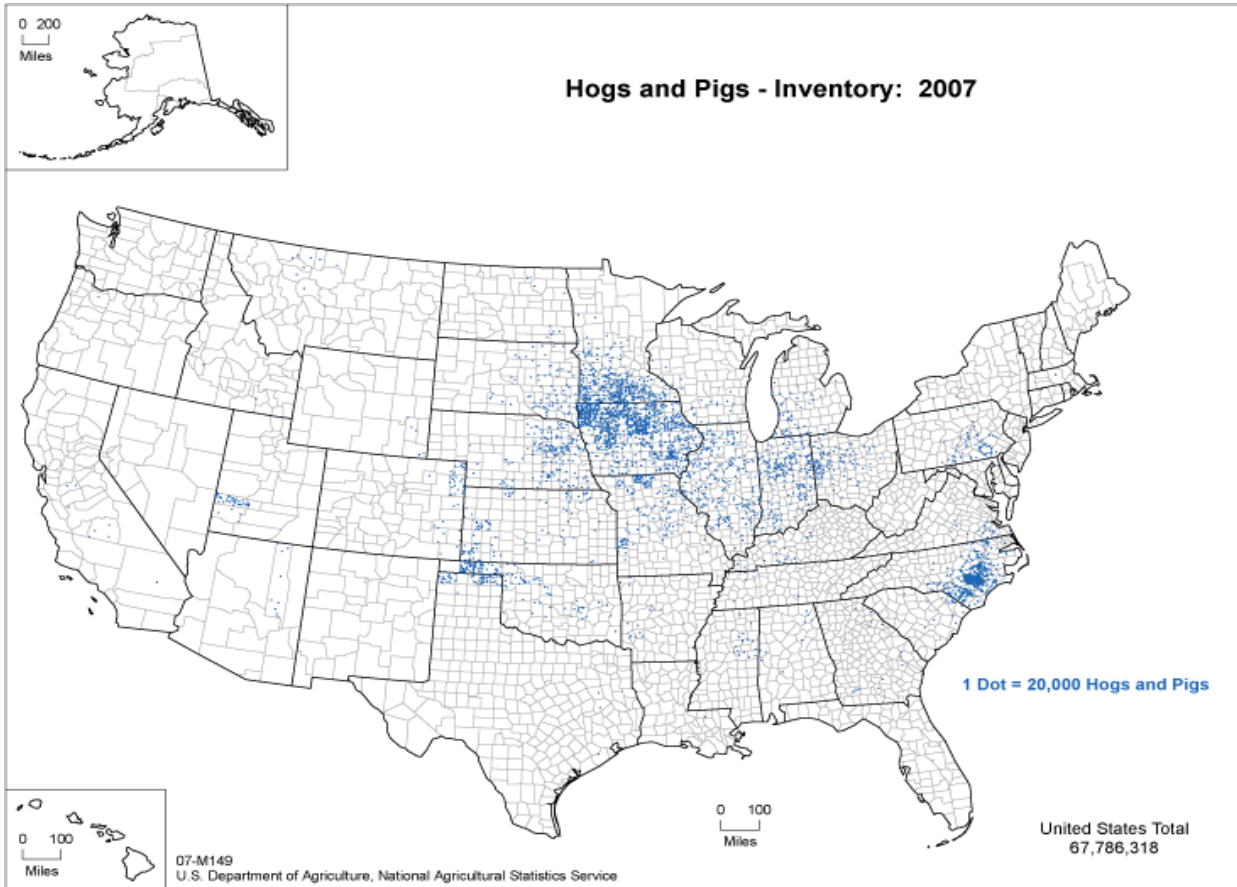
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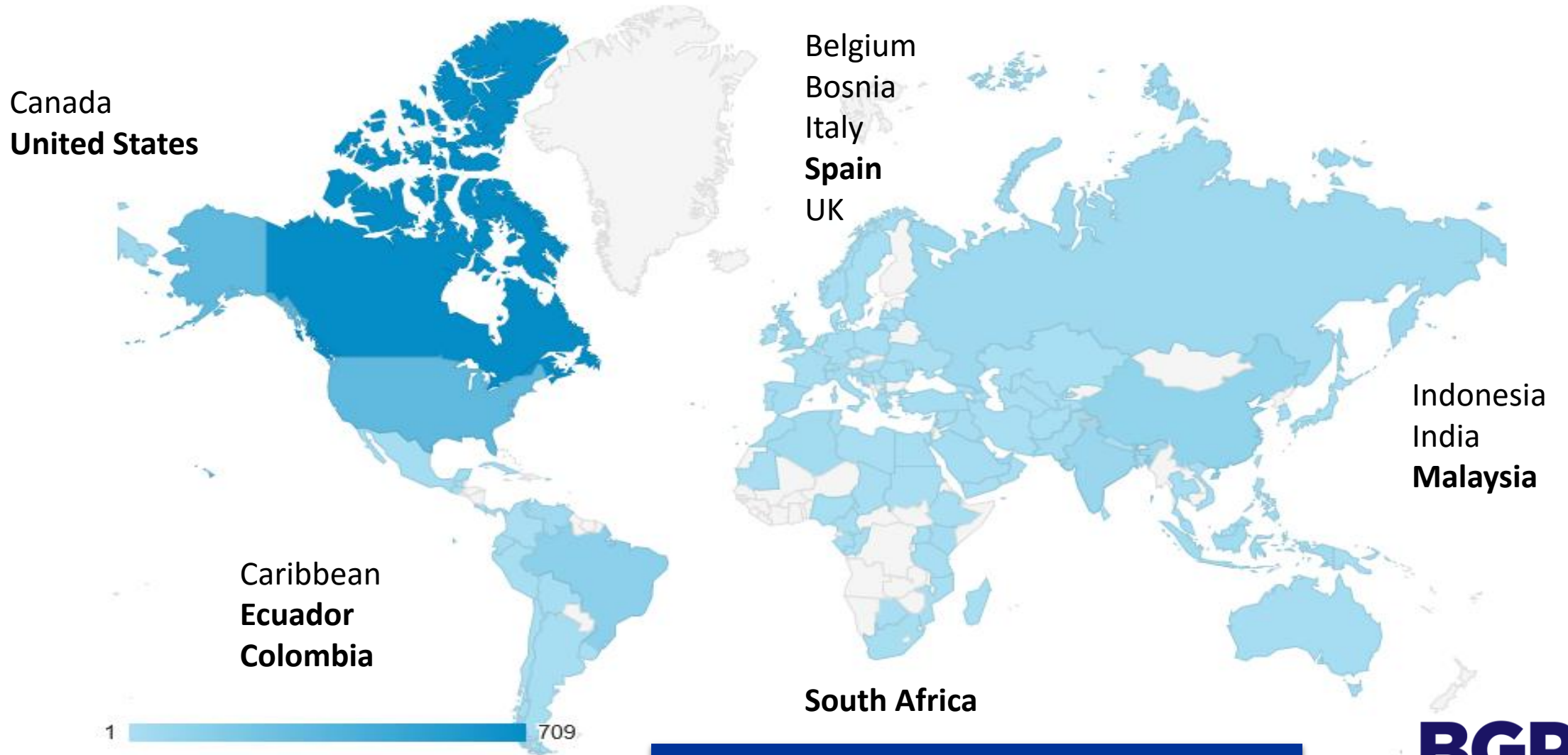
Targets Markets – (Secondary) Cattle Farms



Target Markets – (Secondary) Hog Farms



Global Demand



Source: www.bg pint.com site traffic 2014

Leadership Team

Bill Gioskos, *President & CEO*

Bill has over 25 years of experience working with various sized organizations across North America. He has been instrumental in driving sales and client growth throughout his career. Bill has a portfolio of success in developing lasting relationships with clients and suppliers. He has successfully negotiated many favourable outsourcing and distribution agreements with strategic partners. Bill's leadership has been critical to a recent restructuring of BGP International and its strategy. BGP International has a laser focus set upon commercialization of the existing product suite.

Joe Barbieri, *VP*

Joe has over 15 years of experience working with large and small organizations across North America and EMEA. He has a proven track record of building innovative products, teams and sales strategies from the ground up. Joe is responsible for supporting BGP International with identifying new applications and markets for BGP technologies. Joe holds a Bachelor of Commerce degree from Ryerson University (Toronto) and completed post graduate studies at McGill University (Montreal).

Dave Carey, *Logistics & Operations*

An Executive for a Fortune 1000 Industry leading company with over 30 years experience. As a Vice President he oversaw the building and operations of processing plants across North America. He has been identified as one of the exceptional leaders across Canada and is included in the book "Made in Canada Leadership: Wisdom from the Nation's Best and Brightest on the Art and Practice of Leadership".

Questions?

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