VERSCHUREN CENTRE

For Sustainability in Energy and the Environment



June 2016





Verschuren Centre

Who we are

Atlantic Canada's **Only** Contractible R&D and **CleanTech Commercialization** Centre

What we do

- ✓ Laboratory Services & Training
- ✓ Initiation, Planning and Design Services
- ✓ Incubator & Seed Funder
- ✓ Technology Development & Evaluation

Sectors

Fisheries, Agri-Food, Oil & Gas, Mining, Forestry, Institutional, Government



Eco-System









Facility

\$15 M "LEED Gold" Facility
35,000 ft² Labs & Office
\$2.5 M Analytical Equipment
10,000 ft² Piloting Warehouse
900 ft2 Greenhouse
Aquaculture Rearing
3 x 3 acres experimental farm plots

Capacity

Interdisciplinary Support Teams
Corporate Network & Mentors
CBIFF Investment Fund
"Sandbox" Incubator

Teams





Snap-Shot



	<u> 2015-16</u>	Since 2012
Staff	28	49
Students	14	34
Organization	s 41	73
Corporations	56%	56%
Atlantic Corp	s 71%	74%
SME's Incuba	ted 5	15
Revenues	\$2.3 M	\$10 M (+4)





Management

Andrew Swanson (Phycal)

David Wheeler (**Body Shop**)

Kevin Francis (Xerox Canada)

Annette Verschuren (NRStor)

Jim Irving (JD Irving Ltd)

Vicki Sharpe (**Sustainable Dev. Tech. Canada**)

Robert Bennett (Emera USA)

Robert Orr (Ocean Nutrition)

Sheldon Levy (**DMZ-Ryerson**)

Keith MacLeod (Can-NS Offshore Petro Board)

Hector Jacques (Jacques Whitford-Stantec)

George MacDonald (McInnes Cooper)

Gail Rudderham-Chernin (Breton Law Group)

Leroy Denny (Eskasoni First Nation)

Marlene Usher (SydPort)



Organics



Mine Remediation Sludge



Industrial Produced Waters



Crop Residues



Fly Ash, Foundry Dust, & Tailings

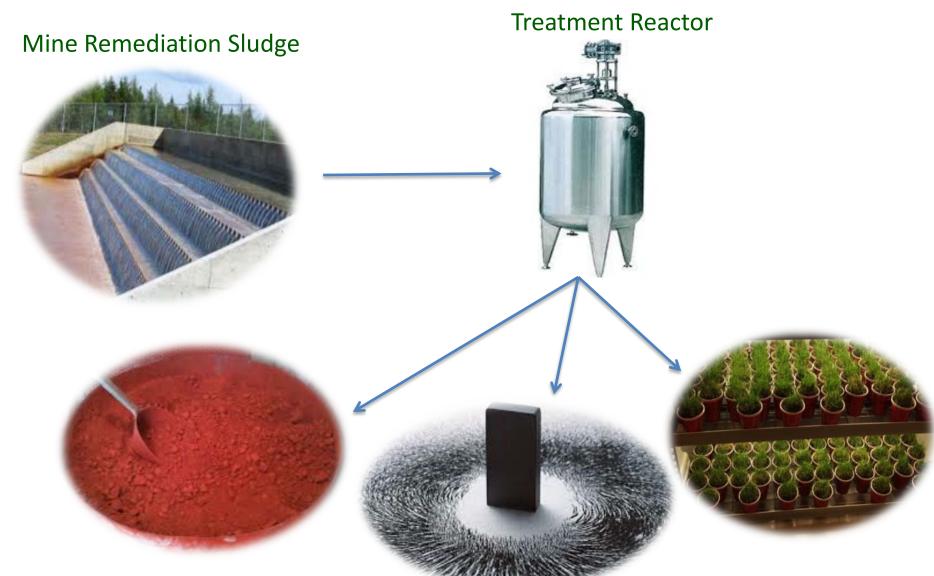








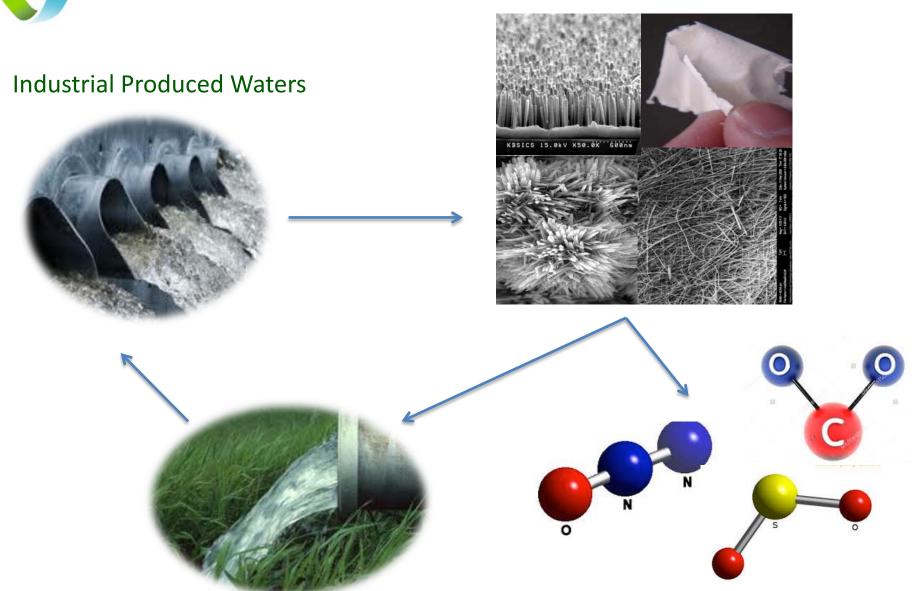














Green Energy

Biomass Heating Fuel



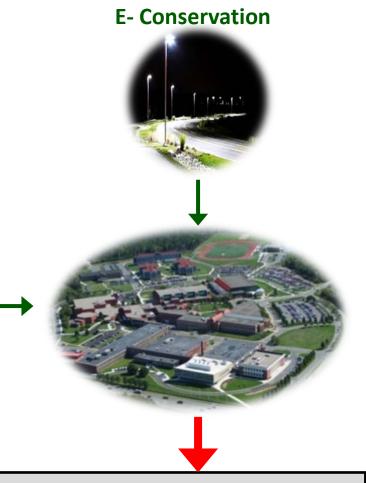












North America's

1st Energy Self-Sufficient
University



Living Laboratory



Water Sustainability



Clean Tech Start-ups



Zero Waste Campus



Food **Self-Sufficiency**



Energy Self-Sufficiency