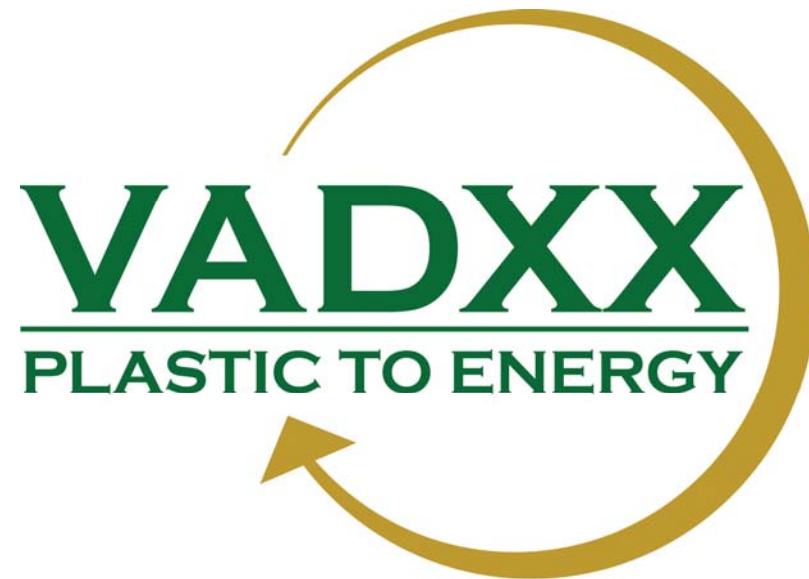


Company Information

- Vadxx Energy, LLC
- Main Office:
Cleveland, OH
- R&D Center:
Akron, OH
- Commercial Unit #1
Akron, OH
- www.vadxx.com



The Value Proposition

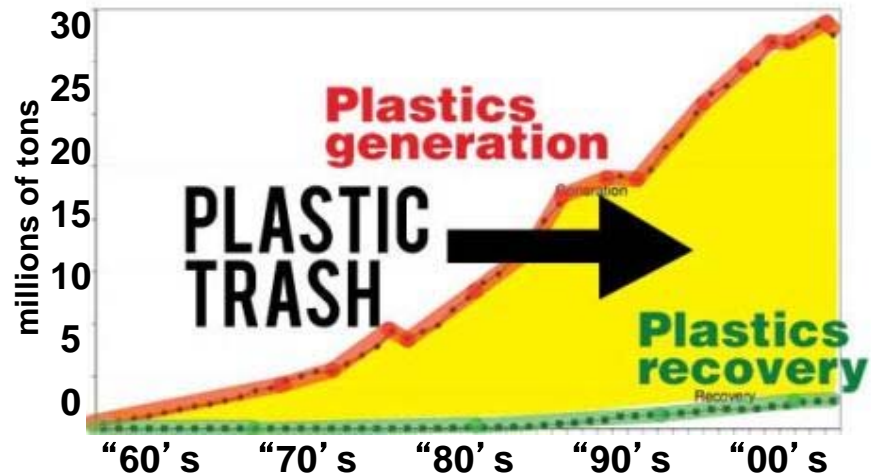
**Recycling technology converting
plastic waste into
high value energy products.**

DIVERT

CREATE

UNLOCK

The Problem: An Energy Burial Epidemic



The rate of plastic being generated greatly outpaces current recycling efforts.....



resulting in 90% heading to landfills or even worse our rivers, lakes, and oceans.

In the US each year we are burying 125,000,000 barrels of energy product!



Vadxx Solution: An Attractive \$5 mil Investment?

EBITDA Margins > 50%

Unit #1 Risk Mitigated—oil production Q2 2015

- Liberation Capital \$20 mil closed, experience in space
- Rockwell EPC Contractor, experience in space

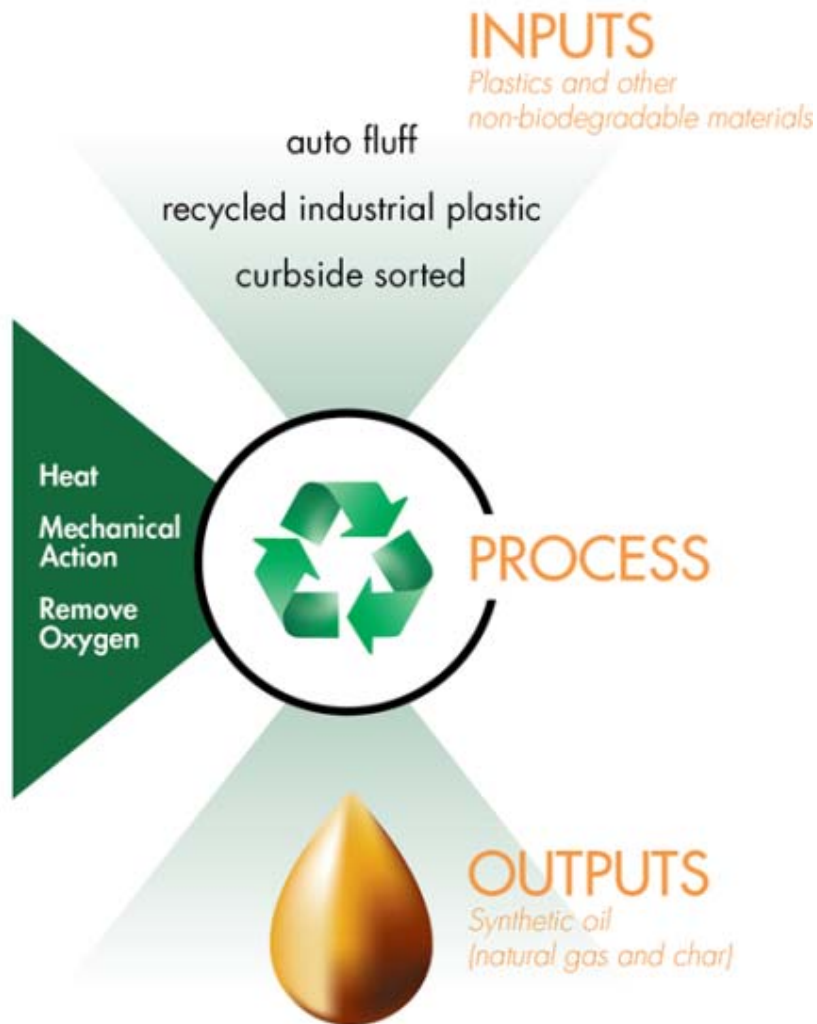
Scaling Model: +100 units

Experienced Management Team

Big Upside

- 30-50X investment multiples, \$2-\$3 bil company

Technology Overview – Thermal Depolymerization



Scalable science & organization

Decentralized market opportunities

Modular design to optimize specific investments

Repeatable results to gain stakeholder confidence

Technology Overview – *Differentiators*

Robust to
Contaminants

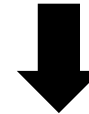
Zone Delineation

Continuous
Process

No Proprietary
Catalyst

Product
Flexibility

Environmental
Responsibility



IRR
30%+

Intellectual Property

1. PCT Application No. PCT/US13/25335

- Zone-Delineated Pyrolysis Apparatus for Conversion of Polymer Waste
- Priority date 02.09.12 per US Provisional Application 61596876
- 3 independent claims + 25 dependent claims
- Published August 15, 2013 WO2013119941
- National stage filings July, August 2014 with amended claims

2. PCT Application No. PCT/US13/26412

- Dual Stage, Zone-Delineated Pyrolysis Apparatus
- Priority date 02.15.12 per US Provisional Application 61599206
- 3 independent claims + 30 dependent claims
- National stage filings July, August 2014 with amended claims

3. USPTO Application No. 13-735,677

- Anti-Fouling Apparatus for Cleaning Deposits in Pipes and Pipe Joints
- Priority date 01.06.12 per US Provisional Application 61584074
- Published July 11, 2013 US-2013-0174363-A1
- In review at USPTO, no additional filings contemplated

Competition

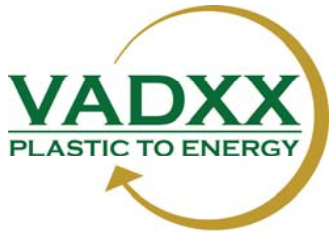
Commercial

Commercialization

Demonstrati



DGEngineering



Batch Process
Rockwell Automation

Continuous Process

Serial Batch Process

Continuous,
Zone delineated process
Rockwell Automation

Process Under Development

Process Under Development

Clean Plastic

Tires,
Low value
product

Clean Plastic

Contaminated
Polymer Mixtures

Clean Plastic

Demonstration
Reactor



Execution: Implementing the Technology

Vadxx Management Team Competencies

CEO: Finance, Engineering, Operations, HoldCo Corporate, Entrepreneur

CTO & Founder: Petroleum Geochemistry, Environmental, Entrepreneur

VP-Operations & Engineering: Manufacturing Plant Operations, Personnel

VP-Technology: Statistical DOE, Chemistry, Nanotechnology, Carbon Materials

VP-Business Development: Marketing, Sales, Division Management

Chair, Board of Directors: CEO Fortune 1000 Polymer Company

Board Member: Global Manufacturing/Operating Expert

Advisors: Manufacturing, Engineering, Banking, Petroleum, Academia

Management Team – Strategic Partners

Rockwell
Automation

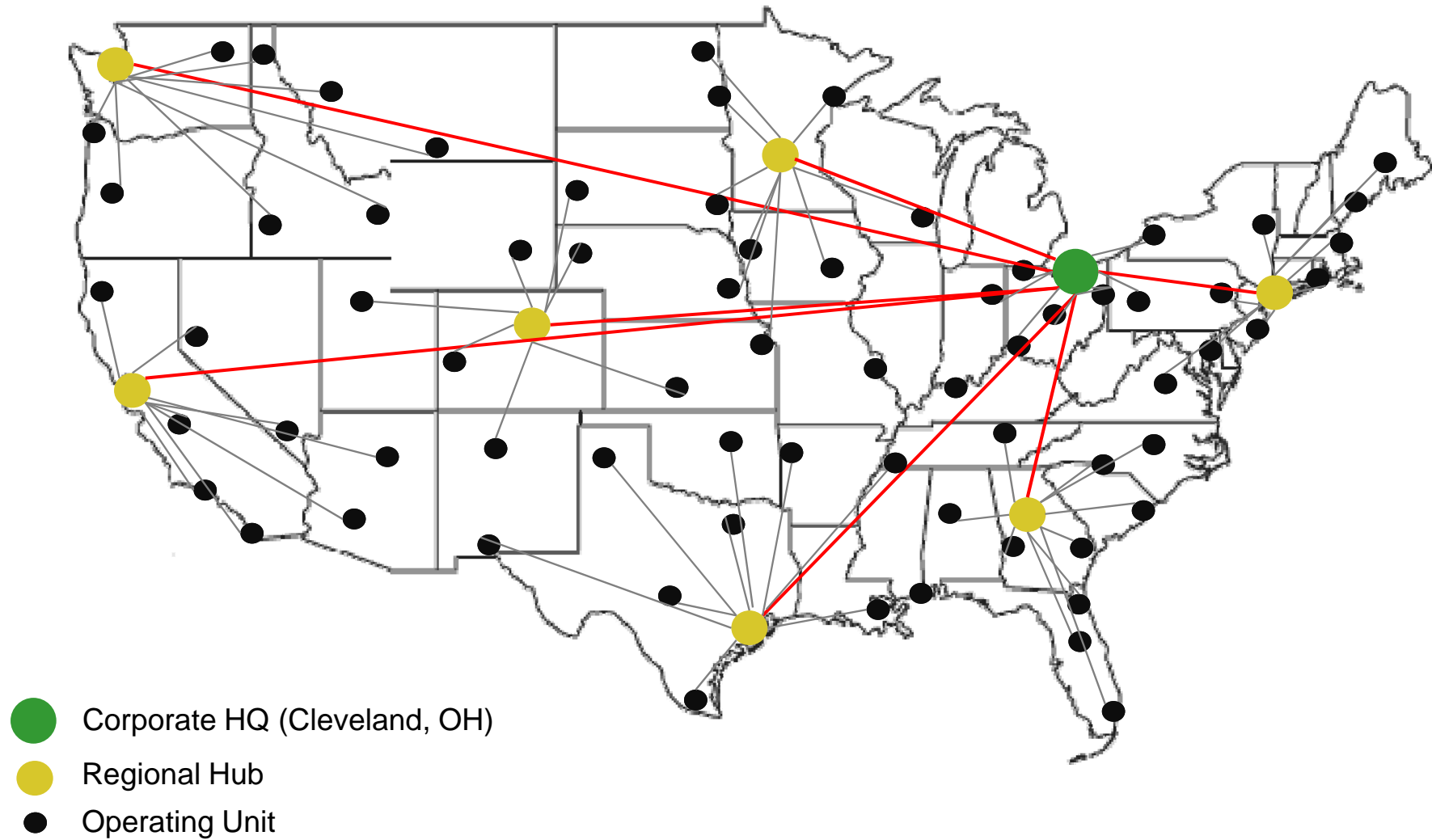


- *Fortune 500 company*
- *18 month Vetting*
- *Design, Engineering, Risk Mitigation, EPCM, Planning Engagement*
- *Process Control HQ Mayfield Heights, OH*

- *Finance small renewable energy, water and waste water projects.*
- *Managing Partner: Former Pres/CEO GE Water & Process Technology, \$2.5 Bil*
- *Exclusivity for 6 units*
- *Access to Developer Network*



National Potential Post Unit 1



Capital Raise

Operating Units \$20M/ unit

- Financing Closed on Unit #1 12.31.13 Exclusive agreement with Liberation Capital for first round of Vadxx operated units
- Vadxx EBITDA share is AB%, yr 1 operations; XY% after yr X
- Third party funding of Developer units permissible
- LOIs units in Middle East and Asia

\$5.5M Vadxx Energy Holding Company Capital Raise

Why is a Vadxx Investment a Big Opportunity?

Immense Potential: Valuation path to \$2-\$3 billion

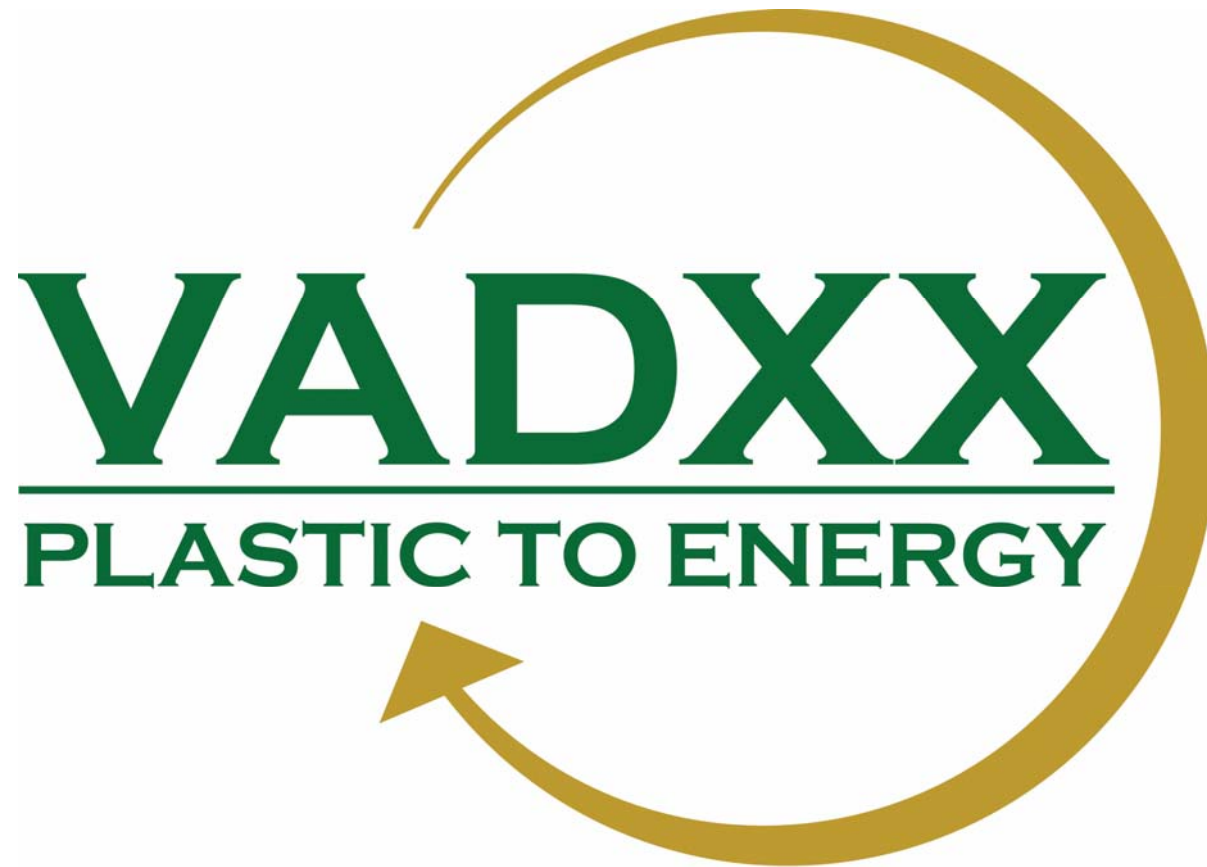
- Investment Multiplier of 30-50x is feasible

Dilution Minimal:

- Project financing for initial units
- HoldCo capital needs are relatively small
- Additional capital needed only to accelerate project % ownership by HoldCo

Significant Upside

- ++100 plants, diverse feedstock, char derivatives, charge for feedstock, high value products



jgarrett@vadxx.com