



**Epiphany's Breakthrough
Solution for Shale Gas
Production Water Remediation
and Management**

Company Overview

- Established in 2009.
- Modified solution using CSP to remediate industrial waste water.
- Closed loop solution to purify production water from shale gas hydro-fracturing process.
- Company mission: Use renewable energy resources to produce water at a cost below market prices.
- Providing intelligent solutions for the increasing competition for water between industries and communities.

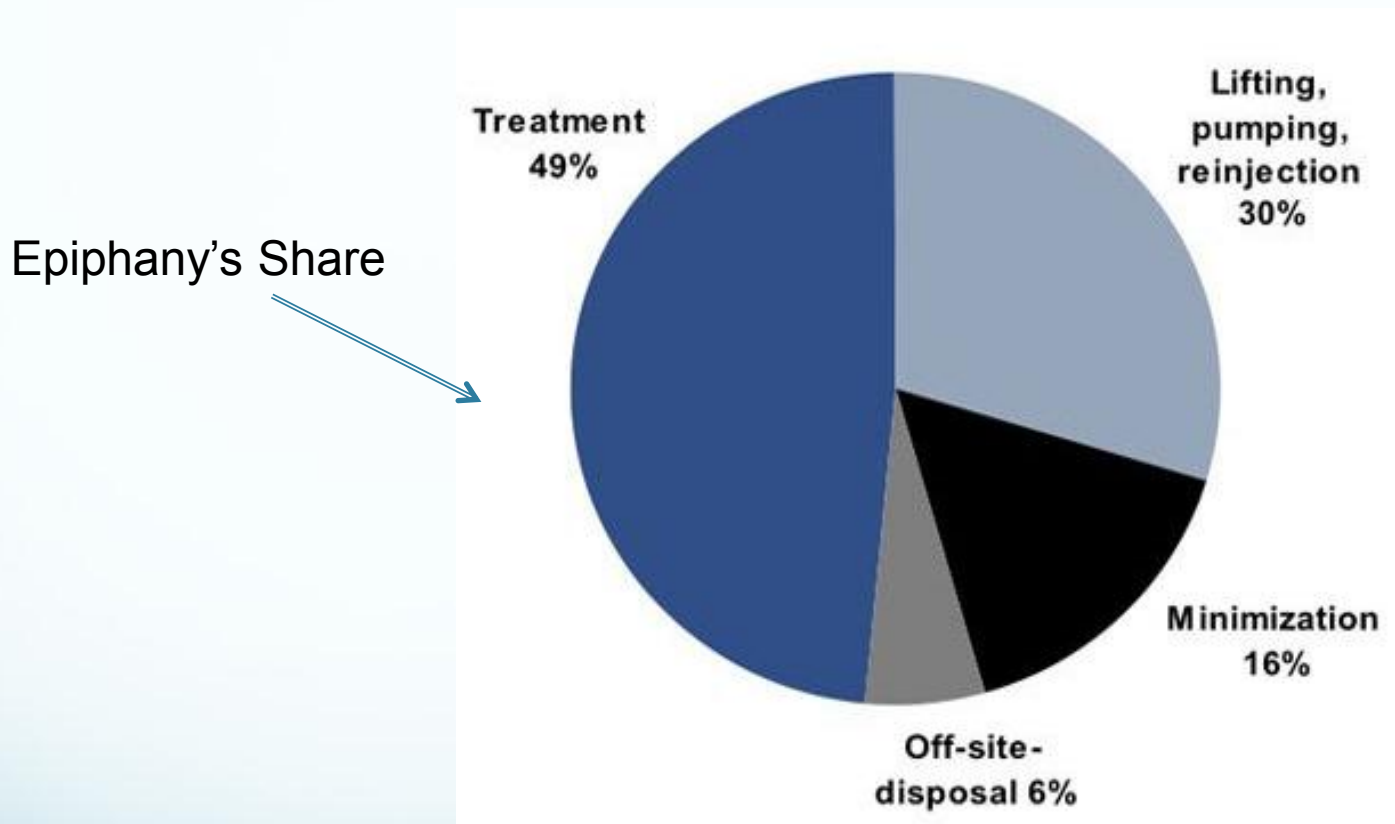


The Immediate Opportunity

- Extraction and production of massive worldwide shale gas deposits will drive economic activity and the goal of energy independence for the next 50 years.
- Epiphany's technology solves the the # 1 problem for operators -- how to source, use and dispose of water -- while also significantly lowering their cost of well operations.
- Epiphany's solution eliminates a major global environmental concern with fracking – water.



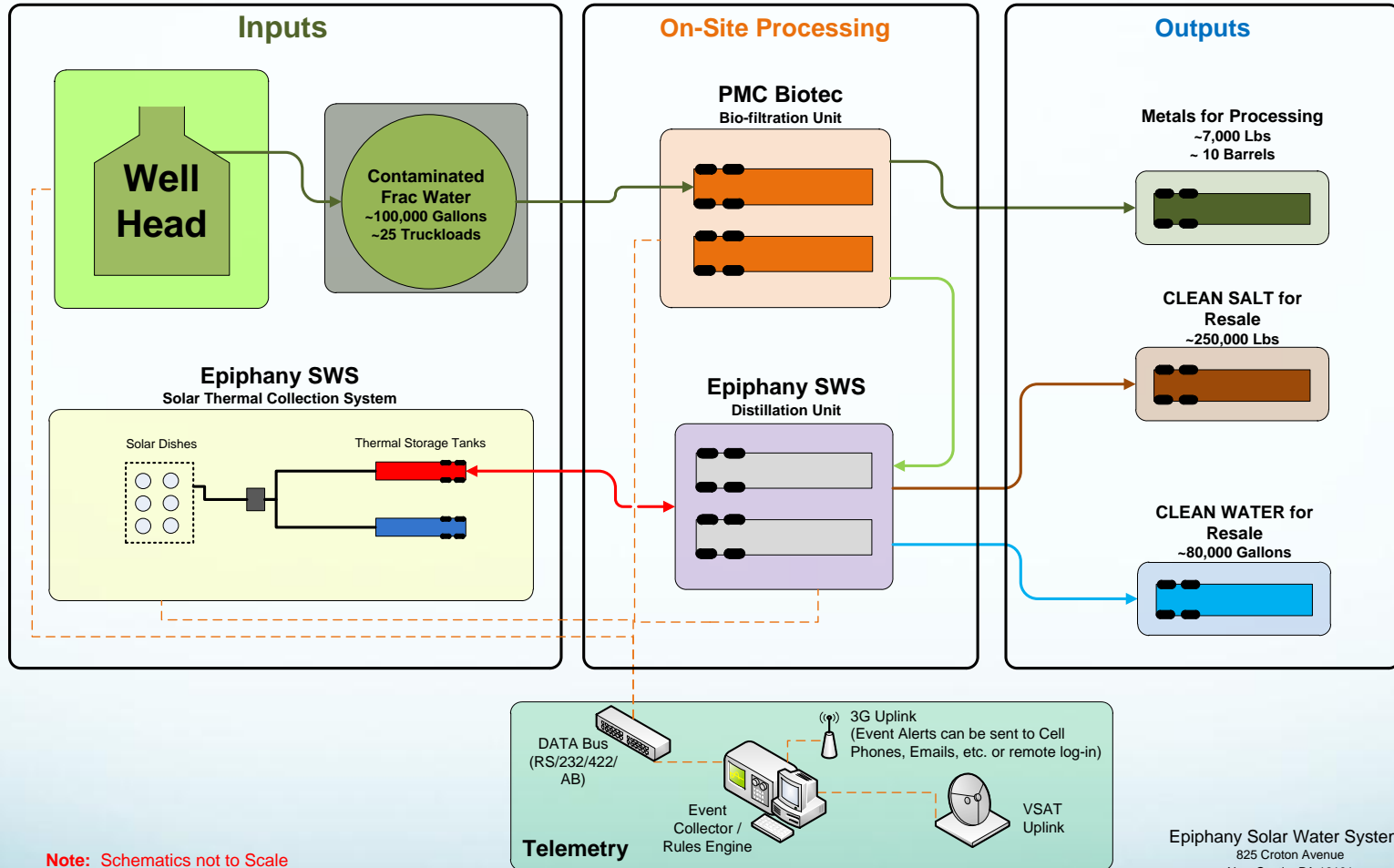
Components of the \$5B North American Produced Water Market



From a Citi Investment Research report states that produced water market is 20% of a \$500B global water market. Water treatment of worldwide shale gas is one of the fastest growing. In North America alone our market is worth \$2.5B and growing.

Technology

Micro-Distillation Plant, Rev: v4.1E



Note: Schematics not to Scale
(FOR EVALUATION PURPOSE ONLY)

Epiphany Solar Water Systems
825 Croton Avenue
New Castle, PA 16101

Consol Greene County Installation



Value Proposition

Reducing Truck Traffic

- Cost and Liability
- Road and Environmental damage
- Reduction of Water and Air Pollution

Recycling Production Water

- Water and Salt Recovery, Recycle, and Reuse
- Community and Regulatory Support
- Operational Efficiency

Closed Loop System

- Onsite Waste Stream Recovery
- Data Monitoring
- Renewable Energy Input


Field Demo Status

- Lab tests successfully completed.
- Operational at active Consol Energy well pad in Greene county – Well 2 years old producing approximately 200+ gallons per day.
- Initial field test to be completed in November – will publish results in December.

Target Cost & Value

- Will be rolled out as a contract service directly to operators or through partners.
- Pricing based upon outcome of current testing at Consol wellpad.
- Target is 10% – 20% less than other options while maintaining healthy top line margins.
- Decentralized & Automated capacity management.

Current Status & Next Steps

- Joint project with  **CONSOL ENERGY**
AMERICA'S ENERGY STARTS HERE.
 - Summer test in Greene County – Fall production.
 - Current test on produced frack water. Will be moving on to other water applications
 - CNX made venture investment in June 2012.
- Currently raising \$4m - \$5m Series A.
- Limited production of units starting Q2 2012.

EPIPHANY

SOLAR WATER SYSTEMS



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