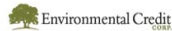


Carbon Credits on NY Dairy Farms – A case study

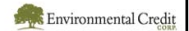
Sarah Ploss
EVP of Business Development
www.envcc.com



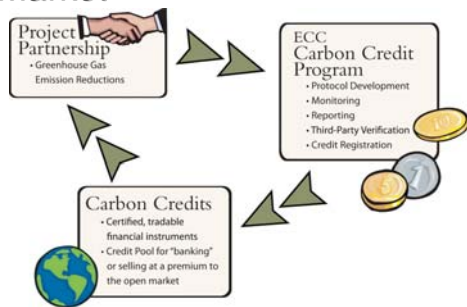
Environmental Credit Corp.

ECC creates environmental assets from greenhouse gas reduction projects

- Market leader for reliable, indisputable credits generated within diverse market sectors
- Have a proven track record of developing fully integrated systems and new revenues streams for our project partners



ECC and the Carbon Market



Carbon World

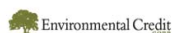
Two Markets

- **Compliance**
 - Kyoto Protocol
 - Specific emission reduction targets
 - Offsets provided by Annex II countries
- **Voluntary**
 - United States
 - Many markets, no federal 'Standard':
 - CCX, ERT, EDF, Gold Standard, Voluntary Carbon Standard etc



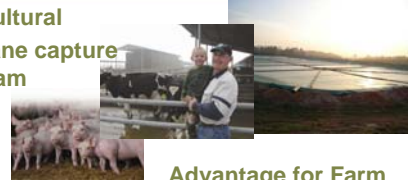
Environmental Credit Corp.

- Success-based, partner focused delivery and compensation model
- Has established a leadership position in market
 - Providing full spectrum of services from project finance and delivery to monetization of carbon credits
- Currently working with contracted project partners in over 20 states
- Working in all major market sectors of carbon world



ECC Market Sectors

Agricultural methane capture program



Advantage for Farm

- GHG capture and destruction
- Lagoon Cover Program provides project finance and delivery
- Low cost digestion system
- Simple installation and maintenance
- Biogas for heat &/or energy
- Odor Reduction
- Rainwater Diversion

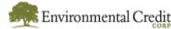


New York State Dairies



Fessenden Family Dairy

- King Ferry
 - Tim Fessenden, 6th generation
 - Project Partner since Spring 2007
 - Project Development
 - Lagoon Size
 - Liquid Retention
- Animal Count
- Gas Production
 - Credit Potential

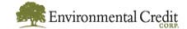


New York State Dairies



Fessenden Family Dairy

- Manure management
 - Liquid
 - Scrape system
 - Treating manure from 800 dairy cows
- Manure solids separation
- Open-Air Lagoon

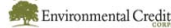


New York State Dairies



Fessenden Family Dairy

- Lagoon Cover Program uses accessible technology to create GHG emission reductions
 - Cover is a low cost, effective digester system
 - Minimal moving parts
 - Simple maintenance so "farmer remains a farmer, not a digest operator"
- 60-mil HDPE Cover Material
- Solid Handling System
- Anchored Trench

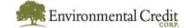


New York State Dairies



Fessenden Family Dairy

- Covered lagoon
 - Captures methane gas
 - Uses weighting system to passive push gas
- Flare system combusted methane to carbon dioxide (less potent GHG)
 - Foundation for Carbon Credits
 - Data Monitoring
 - Possible renewable energy source for farm
 - Flare operational July 2008



New York State Dairies



Fessenden Family Dairy

- Annual Emission Reduction for this farm
- 160 metric tons of CH₄ per year
 - Global warming potential of methane reduced
- 3,300 metric tons of CO₂ equivalents as carbon credits



New York State Dairies



Coyne Farm

- Avon
 - Malachy Coyne
 - Treating manure from 1,400 milking cows
- Annual Emission Reduction for this farm
 - 280 metric tons of CH₄ per year
 - Global warming potential of methane reduced
 - 5,800 metric tons of CO₂ equivalents as carbon credits



New York State Dairies



Ridgecrest Dairy

- Genoa
 - Daniel Osborn
 - Treating manure from 1,650 milking cows
- Annual Emission Reduction for this farm
 - 330 metric tons of CH₄ per year
 - Global warming potential of methane reduced
 - 6,900 metric tons of CO₂ equivalents as carbon credits



Summary

- ECC's lagoon cover program is bringing accessible technology to New York Dairies
- Helping farms create profitability from environmental responsibility

