



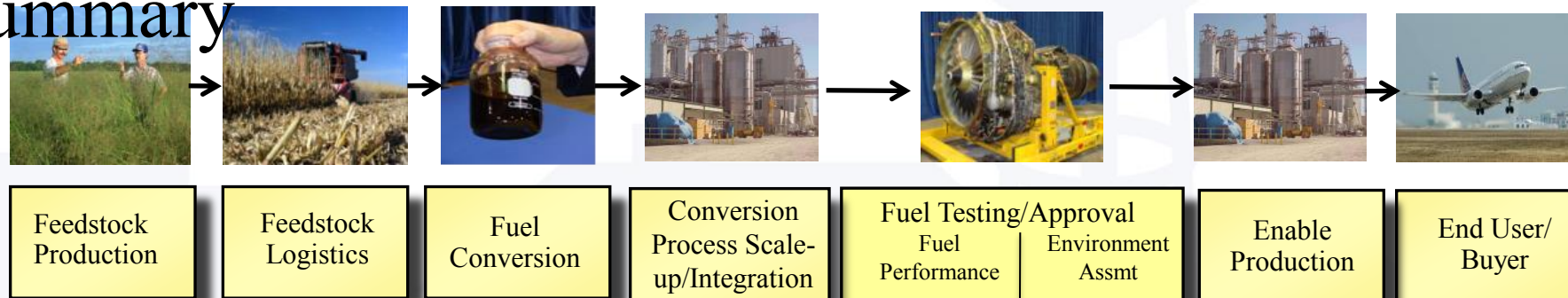
Committed to the future of rural communities.

# Western WA Clean Cities Cash Cow: The future of RNG as Transportation Fuel



Committed to the future of rural communities.

# USDA Areas of Focus in Alternative Fuels - Summary



|      |   |   |   |   |     |     |   |     |
|------|---|---|---|---|-----|-----|---|-----|
| USDA | ✓ | ✓ | ✓ | ✓ | --- | --- | ✓ | --- |
|------|---|---|---|---|-----|-----|---|-----|

## High level description of agency effort:

- Develop sustainable feedstock production systems and reduce supply chain transaction costs
- Assess environmental and social impacts of biofuel deployment
- Help enable commercial feedstock and biofuel production





- On farm: Dairy, Cattle, Poultry, Fish
- Mixed substrates
- Waste water treatment
- Community
- Business

# Strategy

- Research and Development: feedstocks, technology conversions, biofuels and bioproducts
- Pilot and Demonstration
- First of kind Commercial
- Commercial Replication

# Resources

- Energy Investment Map
  - <http://www.usda.gov/energy/maps/maps/Investment.htm>
- 
- Energy Matrix
  - Renewable Energy Tool

- Anaerobic Investments**  
Anaerobic
- Hydroelectric Investments**  
Hydroelectric
- Solar Investments**  
Solar
- Hydrogen Investments**  
Hydrogen
- Biomass Investments**  
Biomass
- Wind Investments**  
Wind
- Geothermal Investments**  
Geothermal
- Other Investments**  
Other
- Energy Efficiency Investments**  
Energy Efficiency

**Investment Totals by State & County**

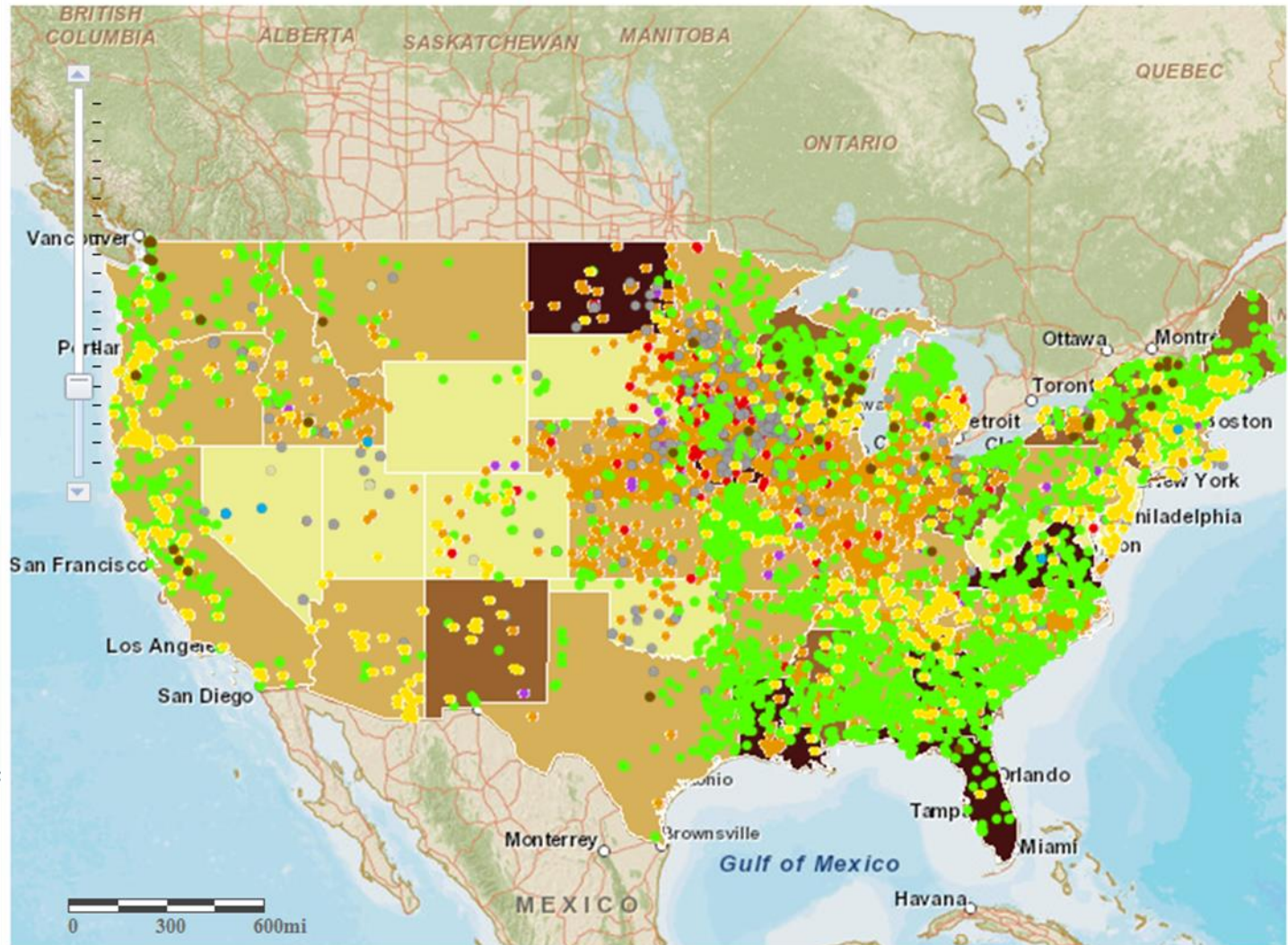
Total Investments by State (in millions of Dollars)

- <= 10
- 11 - 50
- 51 - 100
- 101 - 450

# USDA Energy Investments Map

The USDA Energy Investments web map contains information regarding USDA programs that provide assistance to renewable energy and energy efficiency projects. The map displays investment location, type of energy investment, amount of assistance provided and the administering USDA program. The energy investment data is also summarized by state, county and congressional districts to display total number of investments and total dollar amounts obligated by USDA.

[Click here to view the Renewable Energy Special Projects Report.](#)



# Requirements

- Feasibility study
- Technical report
- Business plan
- Environmental report
- Agreements



# Programs

- Rural Business Enterprise Grant
- Rural Business Opportunity Grant
- Cooperative Development Grant & Technical Assistance
- Business & Industry Loan Guarantee



# Farm Bill 2013

- Clear Priorities
  - Energy, Nutrition, Jobs
- Targeted investments



# Farm Bill 2013

- Rural Energy for America Program REAP
  - Feasibility Studies
  - Renewable Development Assistance
  - Renewable Energy Systems

# Farm Bill 2013

- Biomass Research & Development Initiative
- Biomass Crop Assistance Program
- Value Added Producer Grant Program
- Biorefinery Assistance Program
- Bioenergy Program for Advanced Biofuels

# Thank You

- [Chris.Cassidy@wdc.usda.gov](mailto:Chris.Cassidy@wdc.usda.gov)
- 202 841 6097

Washington State USDA Renewable Energy  
Coordinator:

- Mary Traxler
- 360-704-7762
- [Mary.Traxler@wa.usda.gov](mailto:Mary.Traxler@wa.usda.gov)

