

Mingo County Redevelopment Authority

Steve Kominar, Executive Director

“Coal-To-Liquids: Beyond Light”

Governor’s Energy Summit

~ December 10, 2012 ~



CTL

Where We Started



MCRA - Stakeholders of Mingo County's economic success and continued diversification.

2004 – MCRA recognized the need to add more value to our coal resources other than electricity generation.

2005 – MCRA began researching value added coal products which would afford continued economic sustainability.



So We Asked Ourselves:

- Is it economically feasible to convert coal into one or more high grade products?

– Yes

- Availability of feed stock
- Market for fuel

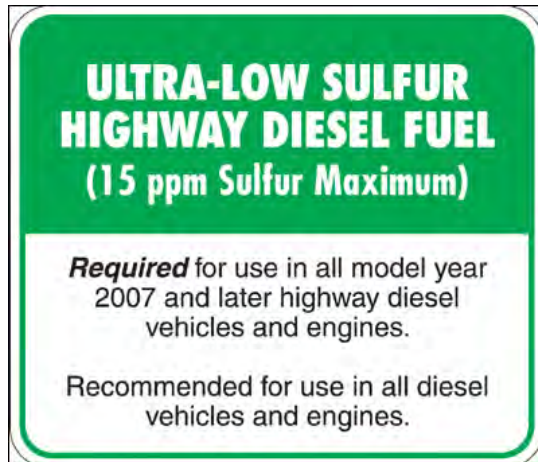
- If so, is it possible to find a site in Mingo County that would support such a plant?

– Yes

- Post Mine Land Use
- Feedstock trucked and belted



CTL: Diesel Fuel



Technical evaluations of oil and gas prices, energy forecasts, supply/demand scenarios, industry regulations, etc., lead us to target coal-to-diesel fuel production.



CTL: Diesel Fuel



.....November 2005
MCRA's preliminary feasibility study
yields positive indicators

.....Early 2006
MCRA identifies project site, potential
technology and suppliers

.....December 2006
MCRA partners with Rentech
Technologies of Denver, CO

CTL: Diesel Fuel: Rentech



A conversion technologies company specializing in the production of clean energy fuels.

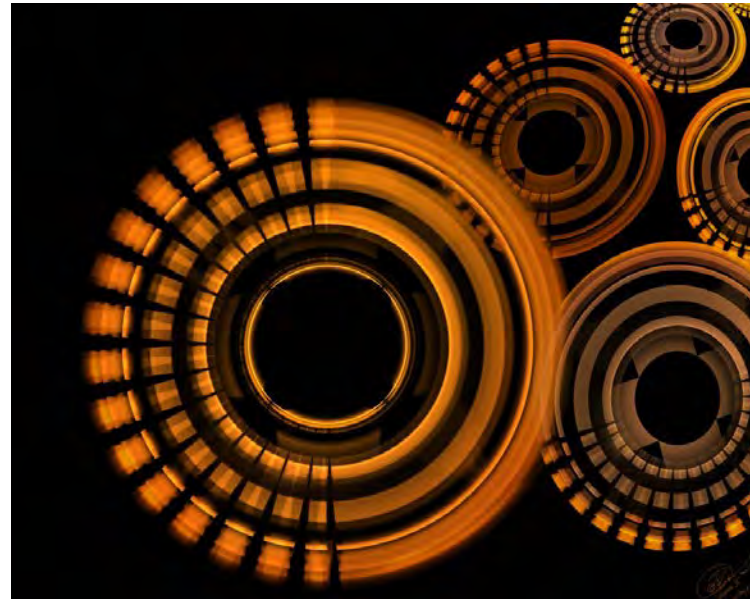
**Demonstration
synthetic fuels
conversion facility in
Denver, CO**



CTL: Shifting Gears



Despite significant progress with Rentech (i.e., research, technology, engineering, design, site selection, and supply....



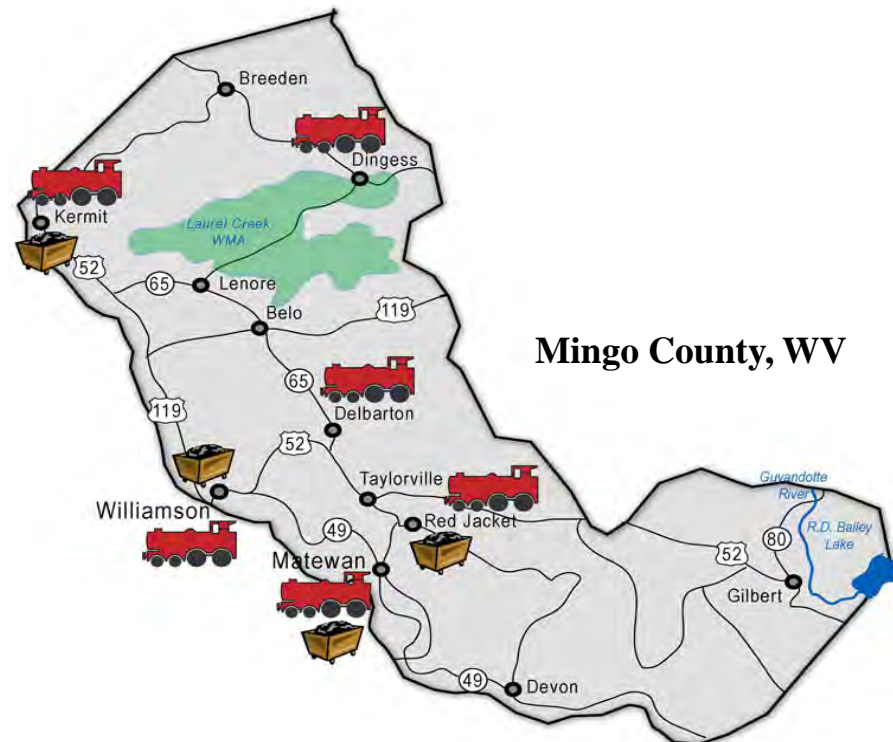
...external factors precipitated a shift in the project's direction.

CTL: Timing Is Everything



In 2007, then Governor Manchin called the MCRA.. “I’ve got a company that’s looking to build a coal-to-gasoline plant in WV, and I think that Mingo County has all of the necessary resources to make it work.”

- ✓ **Site / Location**
- ✓ **Coal Supply / Feedstock**
- ✓ **Workforce**
- ✓ **Accessibility**
- ✓ **Feasibility Study**
- ✓ **Grass Roots Support**



CTL: A New Marriage



TRANSGAS
Development Systems  Adams Fork Energy



Mission

Converting America's vast coal reserves into ultraclean gasoline.

TransGas and its affiliates have been pioneers in developing clean, reliable and efficient energy in the United States for over a quarter century. TransGas is continuing this tradition to become the nation's leader in Clean Coal to Gasoline (CCTG) helping America achieve energy independence.



TGDS has aggressively pursued development of the Mingo County project from the beginning:

2007 – Site Selection Finalized

2008 – Partnership formed with gasification technology partner

2008 – WV Permit Application Filed

2008 – Public Meeting for Mingo County Coal-To-Gasoline Proposal

2009 – Partnership formed with refining technology partner

2010 – Adams Fork Energy is Formed

2011 – Adams Fork signs 50 year lease with MCRA

2011 – WV “Permit To Construct” Awarded

2011 – \$3B in WV Bonds Approved

2011 – Preliminary Construction Began

2012 – Partnership Formed with Investment Company



ECONOMIC IMPACT:

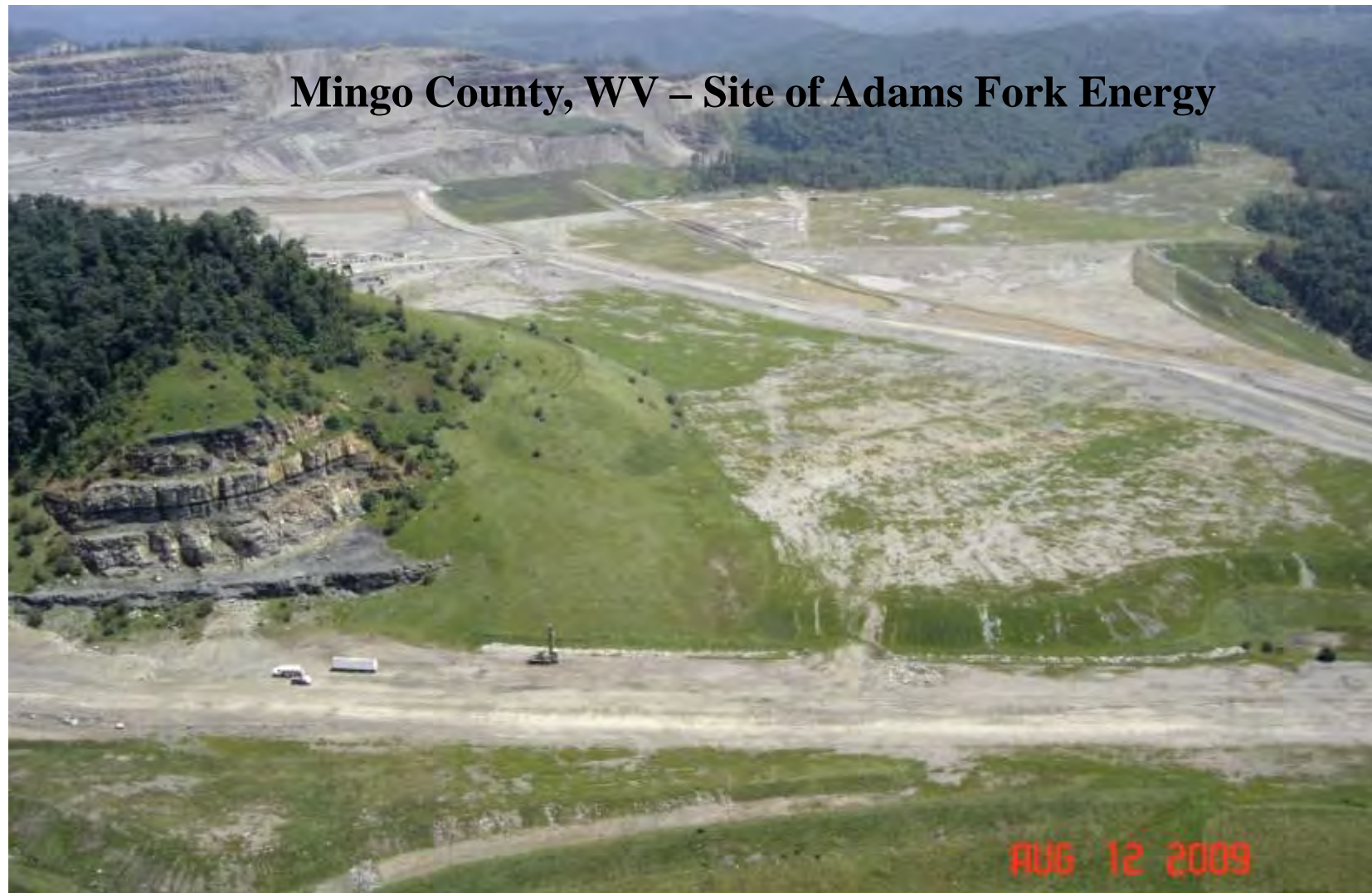
- **3,500 Construction jobs over 4 year period**
- **300 Permanent jobs once operational**
- **1,000+ Indirect jobs**
- **Triple Mingo County's tax base**



- **Creates new market for non-compliance coal**
- **Puts West Virginia at the forefront of securing the nation's energy independence**



Mingo County, WV – Site of Adams Fork Energy





TransGas Development Systems

www.transgasdevelopment.com



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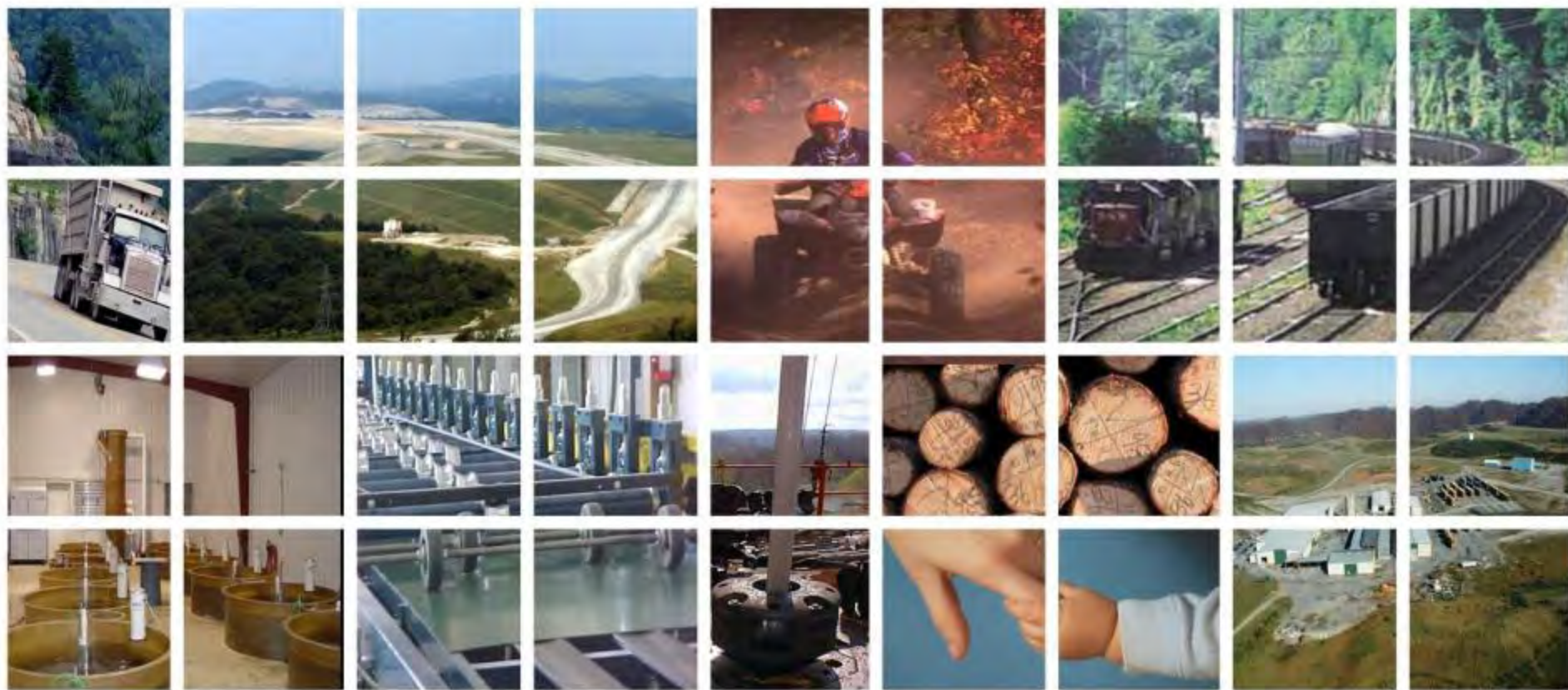
[Contact](#)

A large, high-resolution image of the United States flag waving in the wind. The flag is the central focus, with its red and white stripes and blue field with white stars clearly visible. The background behind the flag is a soft, out-of-focus blue sky.

**AMERICA'S FIRST CLEAN COAL TO
SYNTHETIC GASOLINE PROJECTS**

FOR ENERGY INDEPENDENCE AND SECURITY

Provides for Energy Independence and National Security



Mingo County Redevelopment Authority

Steve Kominar, Executive Director

Leasha Johnson, Deputy Executive Director

Randall Harris, Director of Project Development

Board of Directors: Terry Sammons, Chairman,

Andy Dillon, James Simpkins, Paul Pinson,

C. Donovan Beckett, General Robert Foglesong,

and Sarah Smith

