West Virginia 2014 Energy Summit
Committed to a Sound Energy Future

October 23-24, 2014

Promoting TransTech Start-Ups
Carl Irwin
WVU NRCCE
TransTech Energy Business Development Conference
Motivated by NREL’s Industry Growth Forum

TransTech Energy Technologies:
Reduce carbon emissions
Promote energy efficiency
Enable advanced manufacturing
Create new jobs
Pathway to competitive, sustainable future
2012/2013 TTE Conference Outcomes

36 pitches by TTE start-ups from 13 states
Investors from OH, PA, KY, VA, MD, WV
Strategic partners from VA, PA, OH, WV
Opened up to commercializable projects
TTE startups join Autodesk CleanTech Partners
Zero WV pitches in 2012
Seven WV pitches in 2013
? WV Pitches in 2014
Sample Companies Pitching in 2012

SenSevere – Jason Gu – chemical sensors for harsh, corrosive environments

Vadxx Energy – Jim Garrett – waste plastics to synthetic crude oil

Optimus Technologies – Colin Huwyler – biofuel conversion systems

Sole Power – Matthew Stanton – orthotic insert produces power while walking
Sample Companies Pitching in 2013

Optimum Pumping Technology – Glen Chatfield – manifold system for NG pumping stations

PyroChem Chemical Co – Jeffrey Harrison – hydro carbons to high-value chemical feedstocks

REV LNG – David Kailbourne – source and deliver LNG for on and off-road applications

Windpax – Justin Chambers – collapsible, portable, wind turbine with power storage
TTE 2014 Conference Highlights
Nov 12 – 13 Waterfront Place Hotel

23 pitches for funding:
WV, PA, OH, VA, MD, MI
Monitoring Technologies & Energy Storage
Engines and Fuels
Materials Innovations
EE products and services
Water Monitoring and Treatment
TTE 2014 Conference Highlights

Speakers include:

- Director U.S. DOE Adv. Manuf. Office
- Interim Director U.S. DOE ARPA-E
- Former President University of Kentucky
- President of WVU
- Director Autodesk Global Business Dev.
- Director of Community Dev. FRB-Richmond
- Autodesk CAD/CAM/Maker Tutorial
Could not do it without ...
Many Thanks!

Please check out the TTE website: http://TransTechEnergy.org

Register for the TTE Conference

There’s more to TTE than just the Conference!

Raise expectations!

Help build the TTE “Ecosystem!”

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