

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 ...



Advanced
Manufacturing
Office



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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