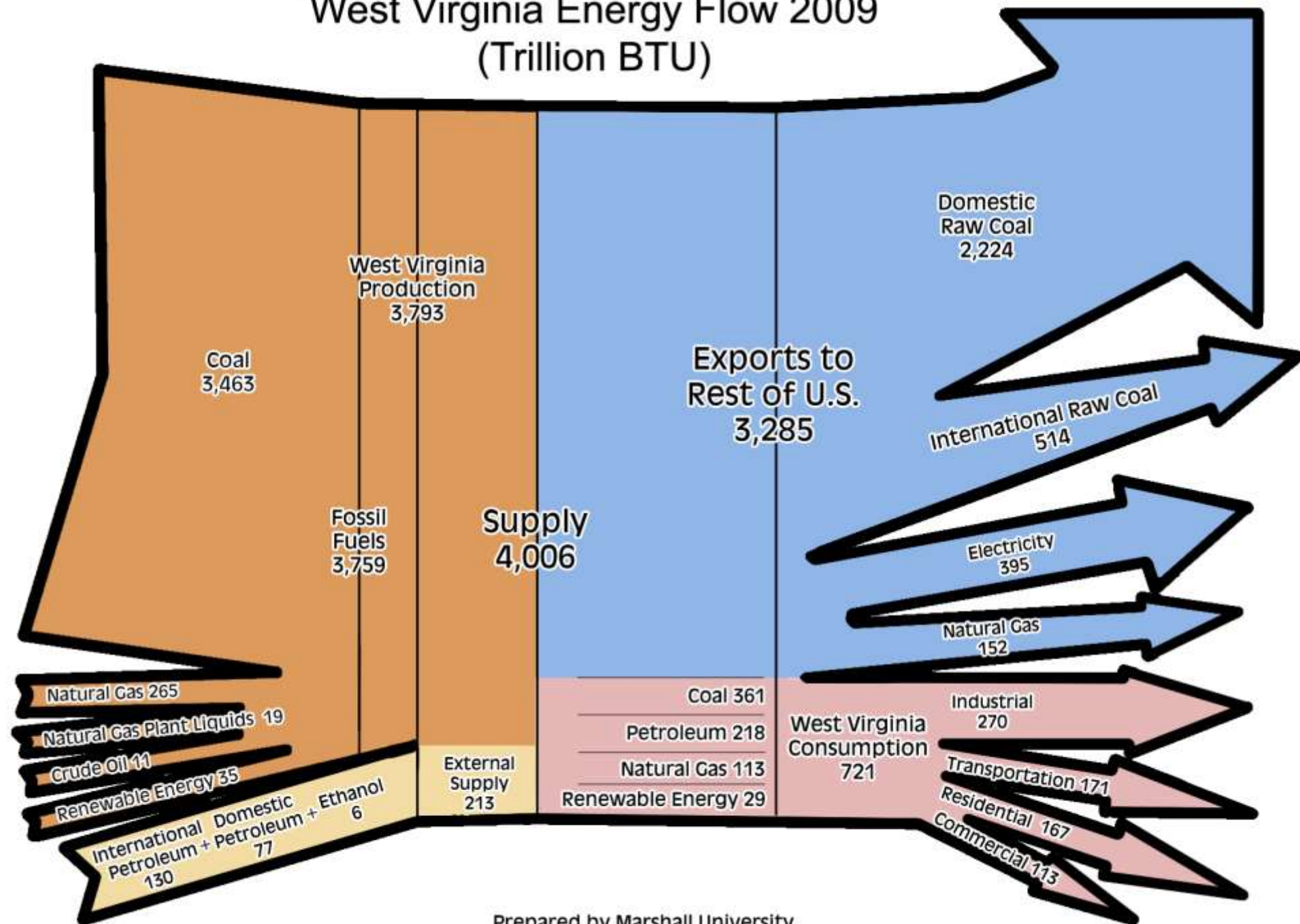


West Virginia's Manufacturing Energy Efficiency Programs

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West Virginia Division of Energy

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September 14, 2011

West Virginia Energy Flow 2009 (Trillion BTU)



IOF-WV



- Developed in 1997 as the first state-level USDOE Industries of the Future program.
- Collaboration between WVU, the WV Division of Energy, the WV Development Office and the U.S. Department of Energy.
- Serves as an “umbrella” organization for several industrial assistance programs provided through WVU and WVD OE.
- Tools of IOF-WV are R&D partnerships, training, and energy assessments.

The WVU Industrial Assessment Center



- A U.S. DOE funded program – one of 26 Centers across the US – in its 18th year in IAC program.
- Provides assessments not only to USDOE clients but, through WVDOE funding, to West Virginia businesses not otherwise eligible.

Bayer
Alcan/Pechiney
Arcelor Mittal
DuPont
Quad Graphics

Coastal Lumber
Ohio Valley Steel
Allegheny Wood Products
Lockheed Martin
Steel of West Virginia

Projects with Industry



- PWI provides solutions to West Virginia manufacturers and industry through the use WVU mechanical engineering student teams.

Simonton Windows
Wheeling-Nisshin Steel
Pratt & Whitney
Diamond Electric

Interstate Hardwoods
Ball Corporation
Goodrich
Hollinee Filtration

Economy, Energy and Environment (E3) Initiative

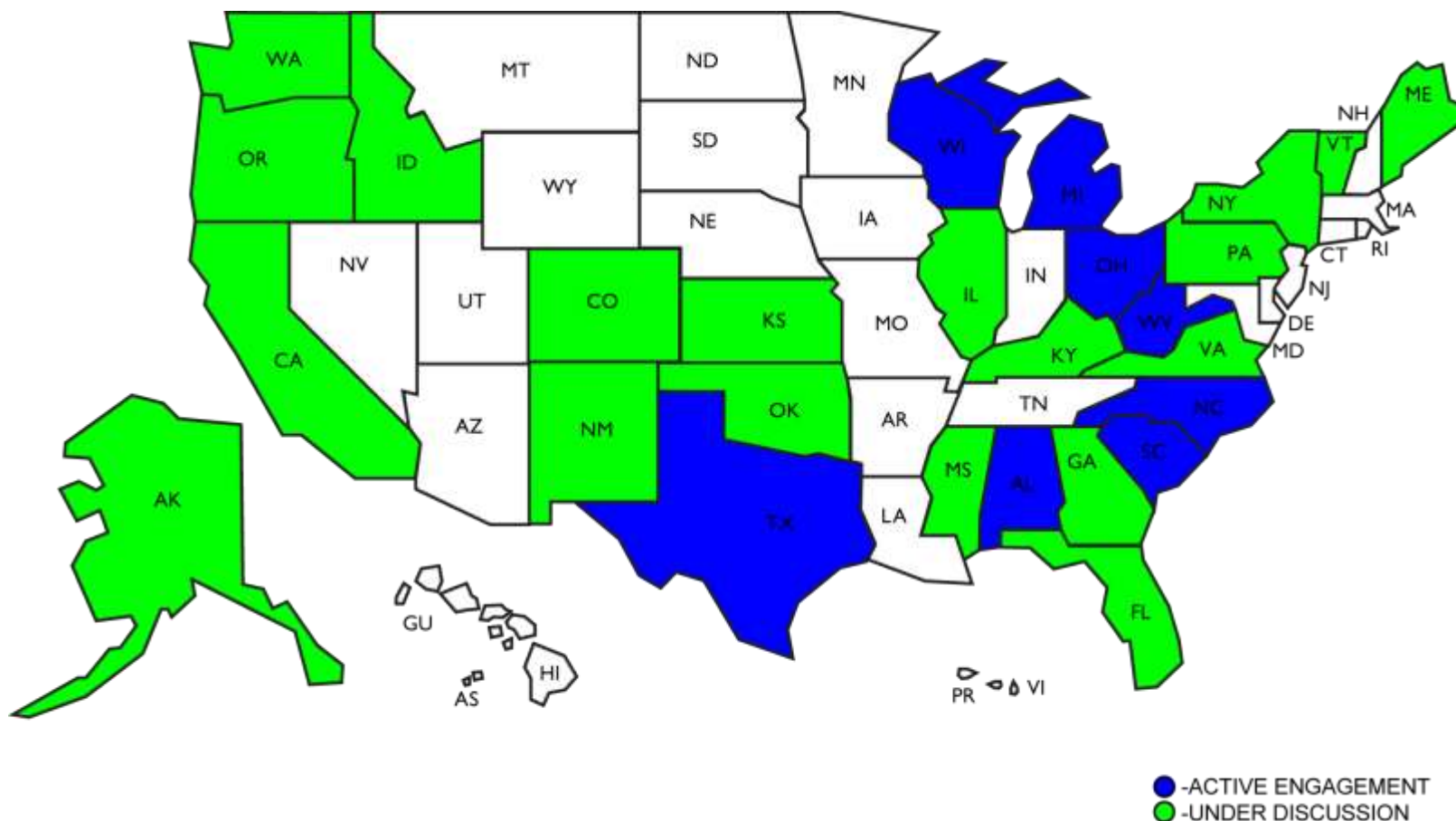


- E3 is a partnership of state (WVDOE, WVDEP) and Federal agencies (USDOE, USEPA, Commerce, Labor and SBA) to provide technical assessments.
- WVDOE utilizes IOF-WV to provide energy assessments and the West Virginia Manufacturing Extension Partnership (WVMEP) to deliver environmental and carbon management services (carbon footprint analysis).

National E3 Programs



West Virginia
Energy



Source: E3

E3 as a Crosscutting Program Measure



- For the current year, with SEP funding, 24 E3 environmental assessments were conducted in nine months before funding was exhausted.
- The Division of Energy and the WV Department of Environmental Protection's Sustainable Communities provide E3 activities to five selected local communities. The governments and industry receive audits and environmental assessments through EECBG funding.

Partial List of E3 Projects

Homer Laughlin China, china

Tasty Blend Foods, food products

Metso Power, boiler tubes

Parkline International, buildings

Mullican Flooring, oak flooring

City of Fairmont

FCX Systems, power equipment

Terramite Construction Equipment

American Babbitt Bearing – bearings

Oglebay Resort

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DIVISION OF ENERGY



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