

VIMS-Industry Partnership Meeting
February 15, 2013
Notes

Attendees: Bill Bean (W&M), Guy Chapman (Dominion), Carl Friedrich (VIMS), Troy Hartley (VIMS), Jen Kostyniuk (Dominion), Dennis Manos (W&M), Dave Marsell (Measurement Specialties), Neil Rondorf (SAIC), Linda Sorrento (National Academy for Environmental Design), Scott Stewart (NBT Solutions), Gregory Stringfield (River Brock), Mike Unger (VIMS), Lyle Varnell (VIMS), Harry Wang (VIMS), John Wells (VIMS)

Notes from our meetings and some presentations are posted at:

<http://www.wm.edu/offices/economicdevelopment/regionalprojects/chesapeakebay/vimsindustripartner/index.php> .

- **VIMS Update - John Wells**

- Call for proposals for conceptual designs for a new research vessel to replace an aging vessel; \$8M project; research vessel will be 80-90 feet long
- New building project underway to replace aging buildings on campus; will house GIS work, information technology and dry lab space
- Three new faculty searches are underway

- **National Academy of Environmental Design – Linda Sorrento**

- Mission is to promote the flourishing of individuals, communities, and the natural world through the sustainable design and stewardship of human and natural environments
- Preliminary research areas included: communities, human factors/health+wellfare, pedagogy, preservation, materials, performance, construction, innovation, visualization/communication, economy, practice/profession
- NAED is part of the Ni Village development; Ni Village is “designed to provide an unparalleled quality of life, offer a sustainable center for commerce, enhance environmental stewardship and deliver a life-long learning experience for the people who live, recreate and work there...”

- **Dominion Offshore Energy Projects – Guy Chapman**

- Virginia Offshore Wind Technology Advancement Project
 - In 2014 the Department of Energy will select 3 projects for final design and construction
- Turbines are the key for lowering the cost of energy
 - Alstom Haliade turbine
 - Advanced turbine controls
 - PureTorque and permanent magnet direct drive
- Offshore oil and gas substructure innovations are critical to advance offshore wind energy
- Virginia offshore wind commercial lease auctions will occur in Q2/Q3 2013
- North Carolina offshore wind initiative
 - Area is seven times larger than the Virginia area
 - Boundary starts 6 miles from shore
 - 34 nautical miles wide at its longest point
 - 45 nautical miles tall
 - Area is 355K hectares

- **Measurement Specialties – Dave Marsell**
 - Vision is to be the supplier of choice to OEMs and select end-users for all of their physical sensing needs
 - FY13 estimated EBITDA is \$347M
 - Acquired brands for growth and technology expansion
 - Environmental capabilities include water quality and hydrostatic water monitoring
 - VIMS Industry Partnership has resulted in beta/collaborative work and rapid introduction to and communications with researchers in Hampton Roads
 - Working with Greg Hancock (W&M Geology Department) on a remote sensing project at Jamestown Island
 - Research the theory that the high mortality at the Jamestown Colony was related to poor quality of drinking water.
 - Funded by a grant from the National Geographic Society

- **Next meeting – Friday, May 24, 2013; Room A/B, Watermen’s Hall, VIMS**