Visionary & Entrepreneur, 1867 - 1938

• Professor and football coach at UGA
• President of Synthetic Organic Chemical Manufacturers Association
• President of American Chemical Society
• Played an influential role in establishing the National Institutes of Health

Herty’s work catalyzed the pulp and paper industry in the South and helped revive the region’s economy during the Great Depression.
The Savannah Pulp and Paper Lab was founded in 1932, and later renamed the Herty Foundation to honor Charles Herty, father of the Southern pulp and paper industry.

- **80th anniversary in 2012**
- Reports to the Board of Regents through Georgia Southern University
- Staff - 55 people
Herty Advanced Materials Development Center

Manufacturers throughout the world seek out Herty for assistance with their materials innovation and development needs.

- Biofuels and biomaterials
- Composites for the automobile and aerospace industries
- Recycled fibers, including synthetic and conventional pulp/paper
- Friction products for the automobile industry
- Synthetics for the medical industry
Drivers

*From an Economic Development Standpoint*

- Economy – Forest Industries
- Mandates – Europe - creating jobs in the US
- Environment – It’s cleaner
- Energy Security – Supply disruptions, Middle East
Georgia Wood Removals

- 1995 – 51.4 million green tons harvested
- 2009 – 39.2 million green tons harvested

12.2 million green tons to get back to where we were...
Between 1998 and 2008, the growth of growing stock on timberland in the state has exceeded removals by an average of 38.5% annually or 546,086,970 cubic feet per year.
Forest Inventory

Million Green Tons

- Inventory
- Growth
- Removals
Forest Inventory

- Million Green Tons
  - Inventory
  - Growth
  - Removals

RWE
Giant Miscanthus

- Herbaceous, Deciduous, Perennial
- Rhizomes rather than seed
- 11 - 25 Dry tons/acre/year
- Height up to 15 feet
- Low environmental inputs
- Alternative non-food use for marginal land
- Drought tolerant, crowds out weeds
- Carbon neutral
1. Don’t trash the other guy, too much.
2. Don’t throw out high numbers.
3. Don’t throw out low numbers.
4. Don’t tell me your going to give 30% of the profits to poor children.
5. Don’t tell me you have all the money you need and aren’t looking for anything from the Feds, State, County or City
Yesterday...
GOVERNMENT
COMMON SENSE
One Stop Shop

- **Forum** for new and expanding businesses
- Venue to explain state & federal **policies and procedures**
- We work to Expedite the **permitting** process
- **Matchmaking** to form successful collaborations
One Stop Shop

**Georgia Offices**
- Center of Innovation
- Governor’s Office
- Agriculture
- Natural Resources
- Revenue
- Environmental Protection Agency
- Community Affairs
- Economic Development
- Herty Advanced Materials Development Center
- State Fire Marshall

**Federal Offices**
- Forestry Commission
- Department of Agriculture

**Universities**
- University of Georgia
- Georgia Institute of Technology
Sister Jill’s Crystal Ball

- Pellets
- Drop In Fuels
- Electricity
- Chemicals
- Torrefaction
- Pharmaceutical
- Ethanol
2002-2008: What Happened in Iowa in re: Biofuels?
Bio based fuels could change the face of rural Georgia

The State has sufficient biomass to support the development of over 45 major biomass investments of greater than $100 Million each.
For More Information Contact:

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