

Diversifying Florida's Economy: Cleantech Cluster

Sena Black Enterprise Florida

Florida's 21st C Innovation Economy

Leadership for the 21st Century — Diversifying Florida's Economy



ROADMAP TO FLORIDA'S FUTURE

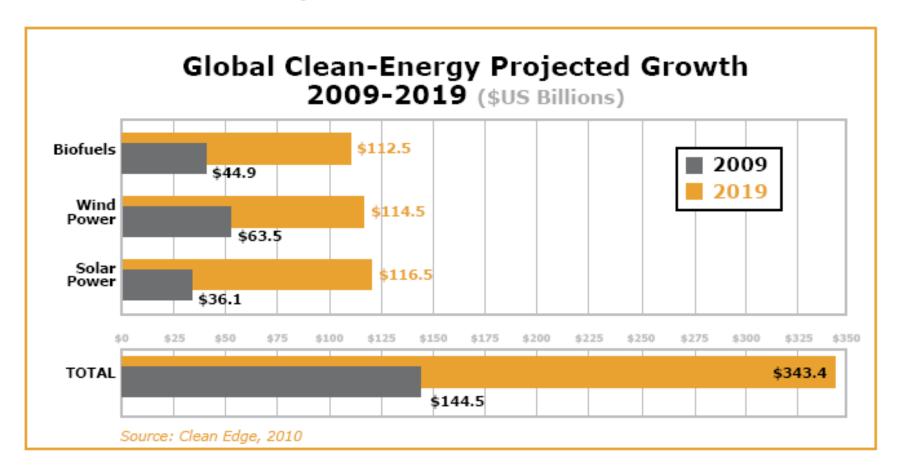


CleanTech a targeted cluster strategy for diversification and growth

- Emerging Technology/ Horizon Market Research
- Cleantech innovation infrastructure
- Branding Florida as emerging cleantech hub
- Business development: from recruitment to start-ups; venture capital to workforce
- Global expansion with international commerce



Large Growth Market





Potential for Job Growth

Global Clean-Energy Jobs (Direct and Indirect): Solar and Wind

	2009 (Current)	2019 (Projected)
Solar Photovoltaics	267,562	2,178,919
Wind Power	563,577	1,122,815
TOTAL SOLAR AND WIND JOBS (Global)	831,139	3,301,734

Source: Clean Edge, Inc., 2010



Increase in VC Investments

Clean-Energy Venture Capital Investments in U.S.- Based Companies as Percent of Total 2001-2009

Year	Total Venture Investments (US\$ Billions)	Energy Technology Investments (US\$ Millions)	Energy Technology Percentage of Venture Total
2001	\$40.6	\$351	0.9%
2002	\$22.0	\$271	1.2%
2003	\$19.7	\$424	2.2%
2004	\$22.5	\$650	2.9%
2005	\$23.0	\$797	3.5%
2006	\$26.5	\$1,308	4.9%
2007	\$29.4	\$2,867	9.8%
2008	\$28.3	\$3,213	11.4%
2009	\$17.7	\$2,216	12.5%

Source: Bloomberg New Energy Finance with supporting data from Clean Edge and Nth Power, 2010. NOTE: New Energy Finance's energy-tech VC numbers include investment in renewable energy, biofuels, low-carbon technologies, and the carbon markets. VC figures are for development and initial commercialization of technologies, products, and services, and do not include private investments in public equity (PIPE) or expansion capital deals.



Cleantech Cluster Strategy





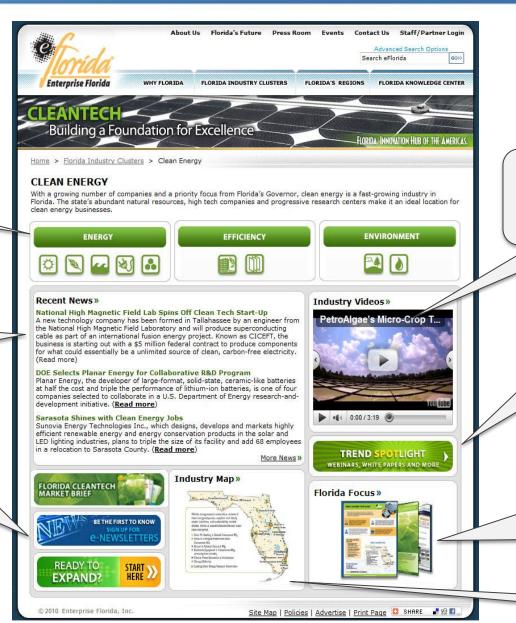
Cleantech Microsite

eFlorida.com/Cleantech

• Industry Quick Links

- Latest Buzz
- Current News
- Fresh Content
- RSS Feed

- Cleantech Market Brief
- Industry Newsletters
- Expansion Assistance



Cluster Videos

•EFI YouTube Channel Feed

Thought Leadership

- Webinars
- White Papers
- Podcasts

Florida In Depth

- Cluster Snapshot
- Market Brief

Cluster Map



Marketing Florida Innovations

- Environmental Remediation
- Biofuels
- Solar
- Energy Storage
- Smart Grid
- Ocean Energy
- More in future.....

Strategic Alliances:

greentechmedia:



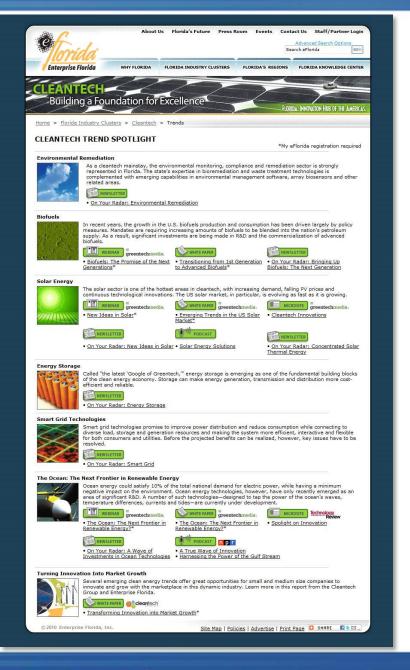
SmartBrief on **Sustainability**

The Future of Responsible Business is Now











Some Early Results (2008-10)

- Projects: 18
- Projected Jobs: over 2,000
- Projected Investment: over a billion dollars
- Broad representation:
 - Cellulosic ethanol manufacturing
 - Solar/wind turbine manufacturing
 - Lithium-ion battery manufacturing
 - LED lighting
 - Biofuels production from organic waste
 - -- trash to renewal fuel
 - -- algae biofeuls



www.eflorida.com/cleantech





