

NYSERDA Funding for Innovation

Mike Shimazu
Sr. Project Manager

Stony Brook SBDC
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- About NYSERDA
 - Innovation and Business Development
 - R&D, Demonstration and Product Development

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About NYSERDA

- Mission: *Advance innovative energy solutions in ways that improve New York's economy and environment.*
- Manage statutory funding for traditional product research, development and demonstration
- Current administrator of NYS Public Service Commission
 - System Benefits Charge Program (New York Energy \$mart)
 - Renewable Portfolio Standard (RPS)
 - Energy Efficiency Portfolio Standard (EEPS)
- Regional Greenhouse Gas Initiative Allowance Auctions

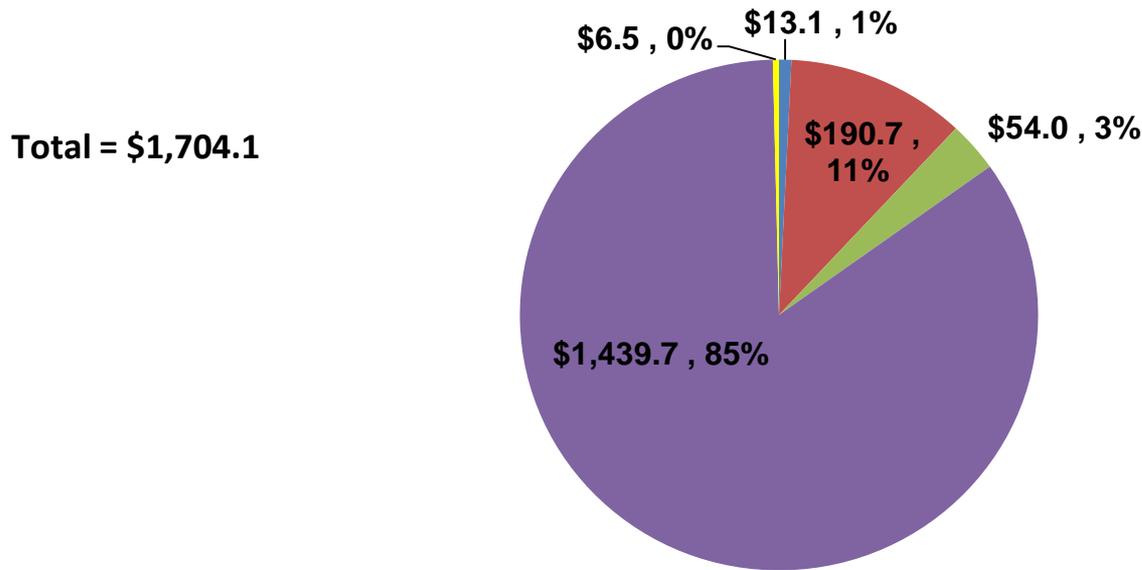
Innovation

Advance innovative energy solutions ...

- Achieving New York's energy policy goals requires innovation.
 - 30 by 15
 - 15 by 15
 - 80 by 50 (!)
- Technology availability/affordability is at least as strong a driver as economic development.

NYSERDA's Budget

Breakdown of 2010-12 Budget Across the Innovation Cycle (All Funding Sources - in \$ million)



- Scientific Research and Analysis
- Business & Market Development
- Standard Practice

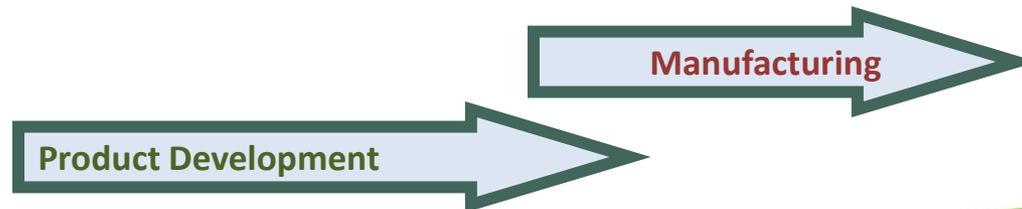
- Technology Development & Demonstration
- Market Adoption & Expansion

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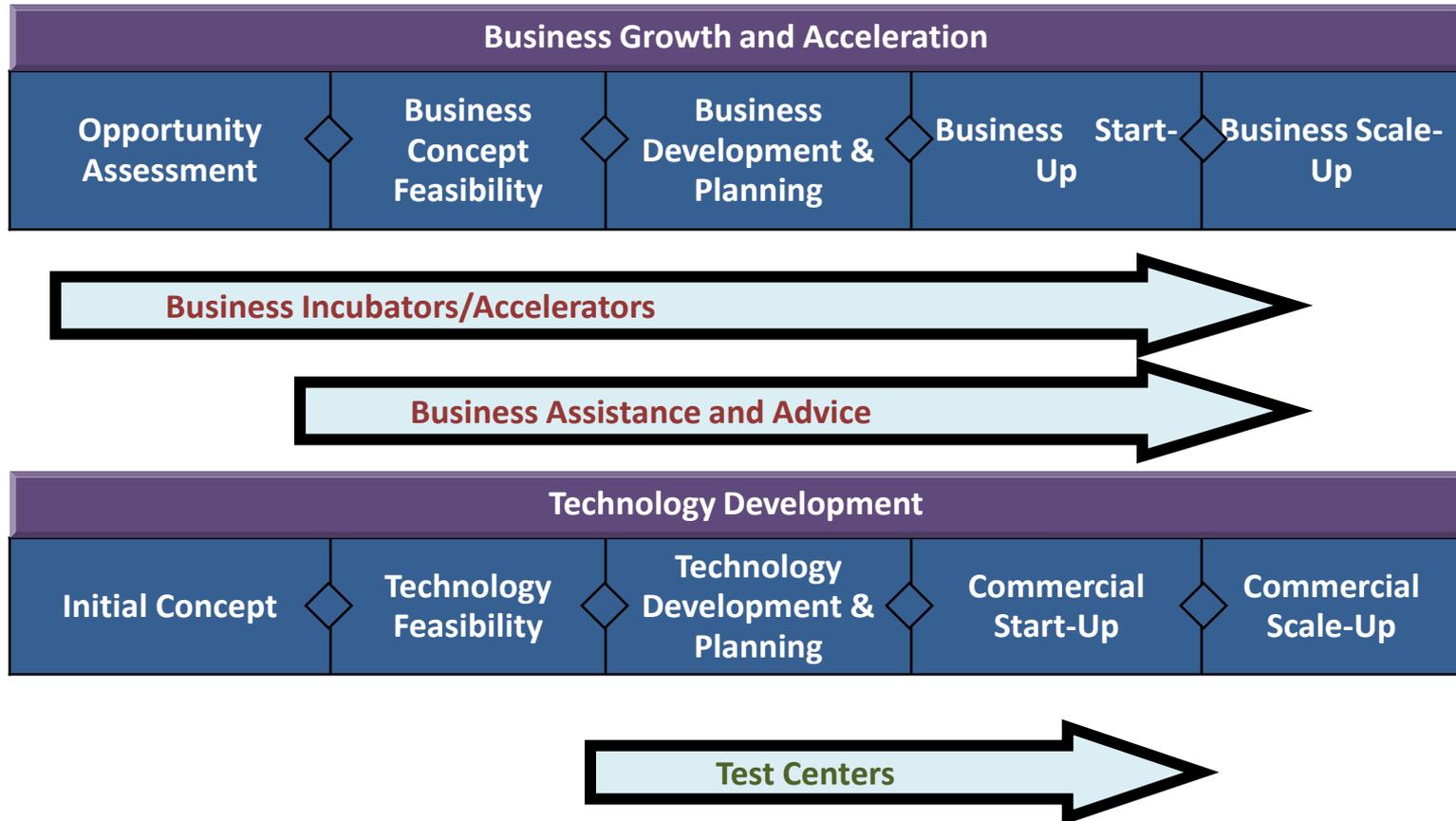
Commercialization Model



Direct Support Programs



Infrastructure Programs



Incubator Program Outcomes

- Expenditures to date: ~\$2.7 million
- Client companies: 64
- Client companies receiving NYSERDA funding: 12
- New products introduced: **26**
- Private capital raised: **\$22.4 million**
- Federal funding: **\$6.8 million**
- New jobs: **94**
- Retained jobs: **165**

Supplemental Resources

- NYSERDA Entrepreneurs-in-Residence
 - ~40 Experienced executives / C-level entrepreneurs
- NYSERDA Growth Capital Business Partners
 - Outreach to global early-stage cleantech investors



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Current Programs

- **PON 2250 – Innovation in the Manufacturing of Clean Energy Technologies**
 - 9/15/2011
 - Ashley Cox (adc@nyserda.org)
- **PON 2254 - Building Envelope Strategies for Advancing Deep Energy Retrofits**
 - 7/13/2011
 - Greg Pedrick (gap@nyserda.org)

Upcoming PD&D Programs

- PON 2251 – **Commercialization Option**
 - Bryan Berry (bpb@nyserda.org)
- PON 2271 – **Advanced Transportation Technologies**
 - Joe Wagner (jrw@nyserda.org)
- PON 2301 – **Electric Vehicle Supply Equipment**
 - Patrick Bolton (ppb@nyserda.org)
- PON 2314 – **Sustainable Transportation**
 - Joe Tario (jdt@nyserda.org)

Other Upcoming R&D Programs

- **PON 2260 – Environmental Monitoring, Evaluation and Protection**
 - Sandra Meier (sm4@nyserda.org)
- **PON 2264 – Executive Transition**
 - Jacques Roeth (jr3@nyserda.org)
- **PON 2266 – NYS Innovation Metrics**
 - Jacques Roeth (jr3@nyserda.org)
- **PON 2290 – Biofuel Station Initiative**
 - Patrick Bolton (ppb@nyserda.org)

“Annual” Programs

- **Environmentally Preferred Power Systems**
 - Jennifer Harvey (jlh@nyserda.org)
 - Barry Liebowitz (bnl@nyserda.org)
- **Heating and Cooling**
 - Nate Russell (nar@nyserda.org)
- **Water and Wastewater**
 - Kathleen O’Connor (kmo@nyserda.org)
- **Next-Generation Energy Efficiency**
 - Bob Carver (rmc@nyserda.org)
- **Lighting**
 - Marsha Walton (mlw@nyserda.org)
- **Transmission and Distribution**
 - John Love (jfl@nyserda.org)
 - Michael Razanousky (mpr@nyserda.org)

Funding Opportunities Email List

- listserv@listserv.nyserda.org
 - Leave Subject blank
- “subscribe FundingOpps-L John Smith”
 - (without quotes) in the body
 - Nothing else
- Confirm
 - Reply to email
 - “OK” (without quotes) in the body
 - Nothing else

NYSERDA Web Site

- Find the right Project Manager to contact
- Look at closed solicitations
- Join the email list
 - <http://www.nyserda.org/funding/fundingopps.asp>

Thank You

Mike Shimazu
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mhs@nyserda.org

www.nyserda.org/businessdevelopment

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