

Deployment Partnerships



Industry Growth Forum

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Partnerships**

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A Profound Transformation is Required

Today's Energy System

- Dependent on foreign non-renewable sources
- Subject to price volatility
- Increasingly unreliable
- 2/3 of source energy is lost
- Produces 25% of the world's carbon emissions

Imperatives for Transformation

**DEFINE THE
END STATES**

**REDUCE NEW
TECHNOLOGY
RISK**

**ACCELERATE
ADOPTION**

Sustainable Energy System

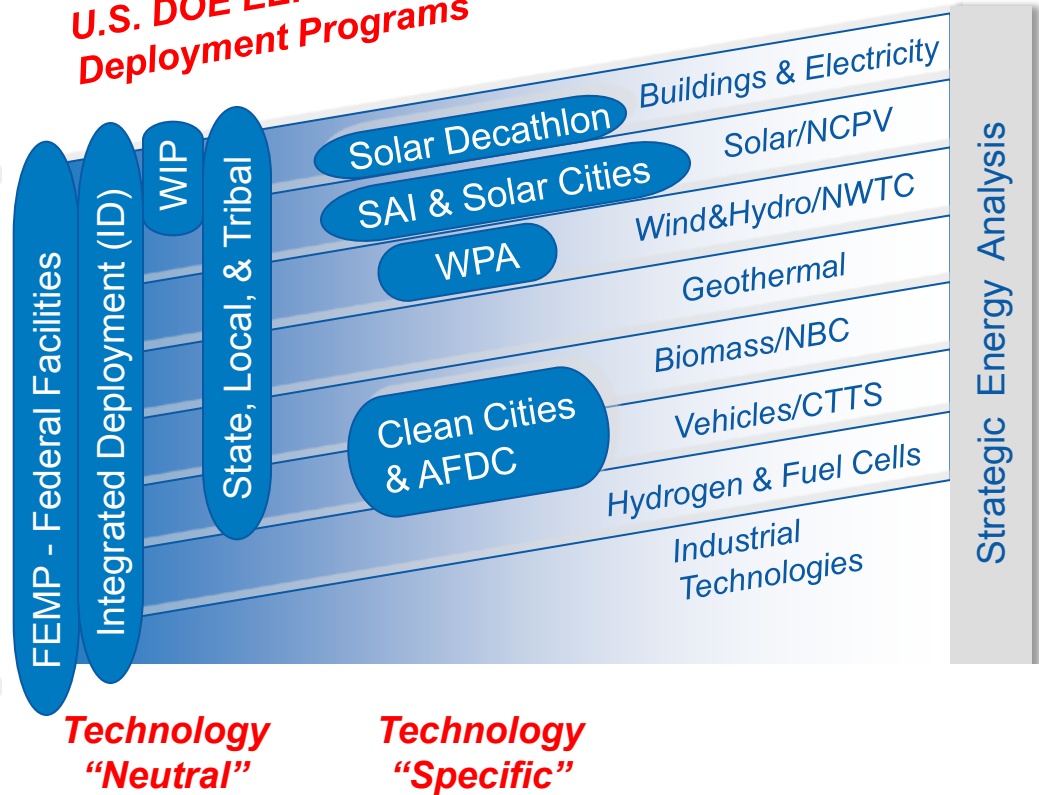
- Carbon neutral & renewable
- Diverse supply options
- Efficient
- Creates sustainable jobs
- Accessible, affordable and secure

Deployment Programs

NREL Deployment Support Functions

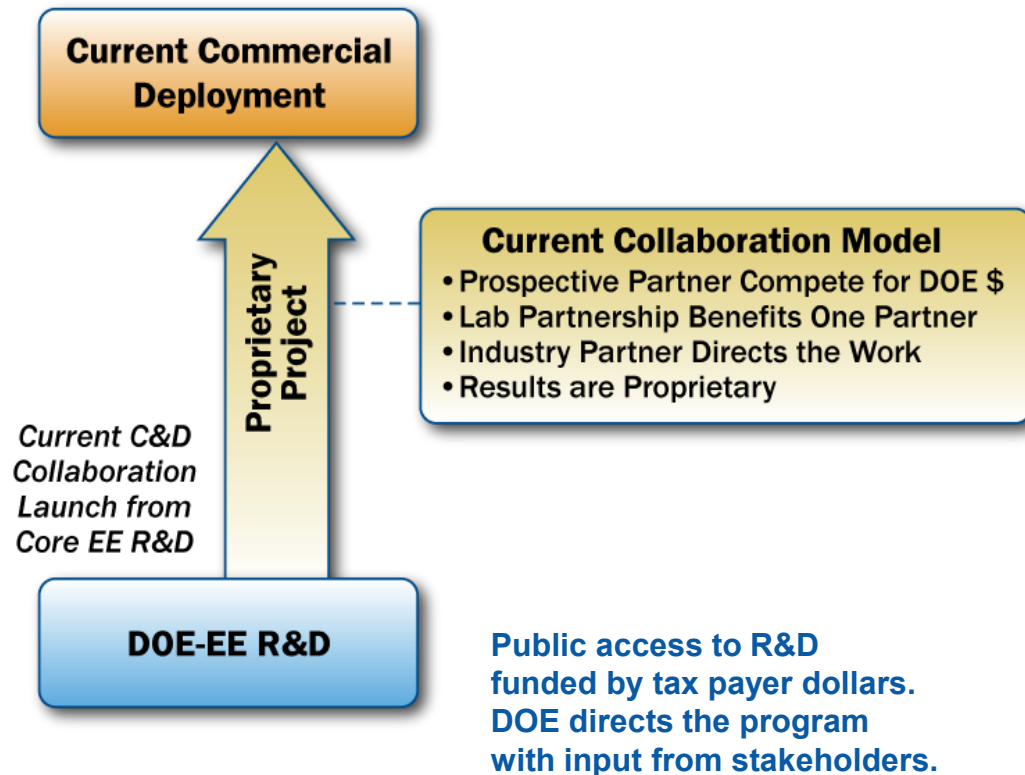
- Outreach, Education, and Training
- Develop EE & RE Facility/community Plans
- Implementation of EE & RE technologies
- Technology Assessment & Screening
- Project Development & Financing Options

U.S. DOE EERE Federal Deployment Programs



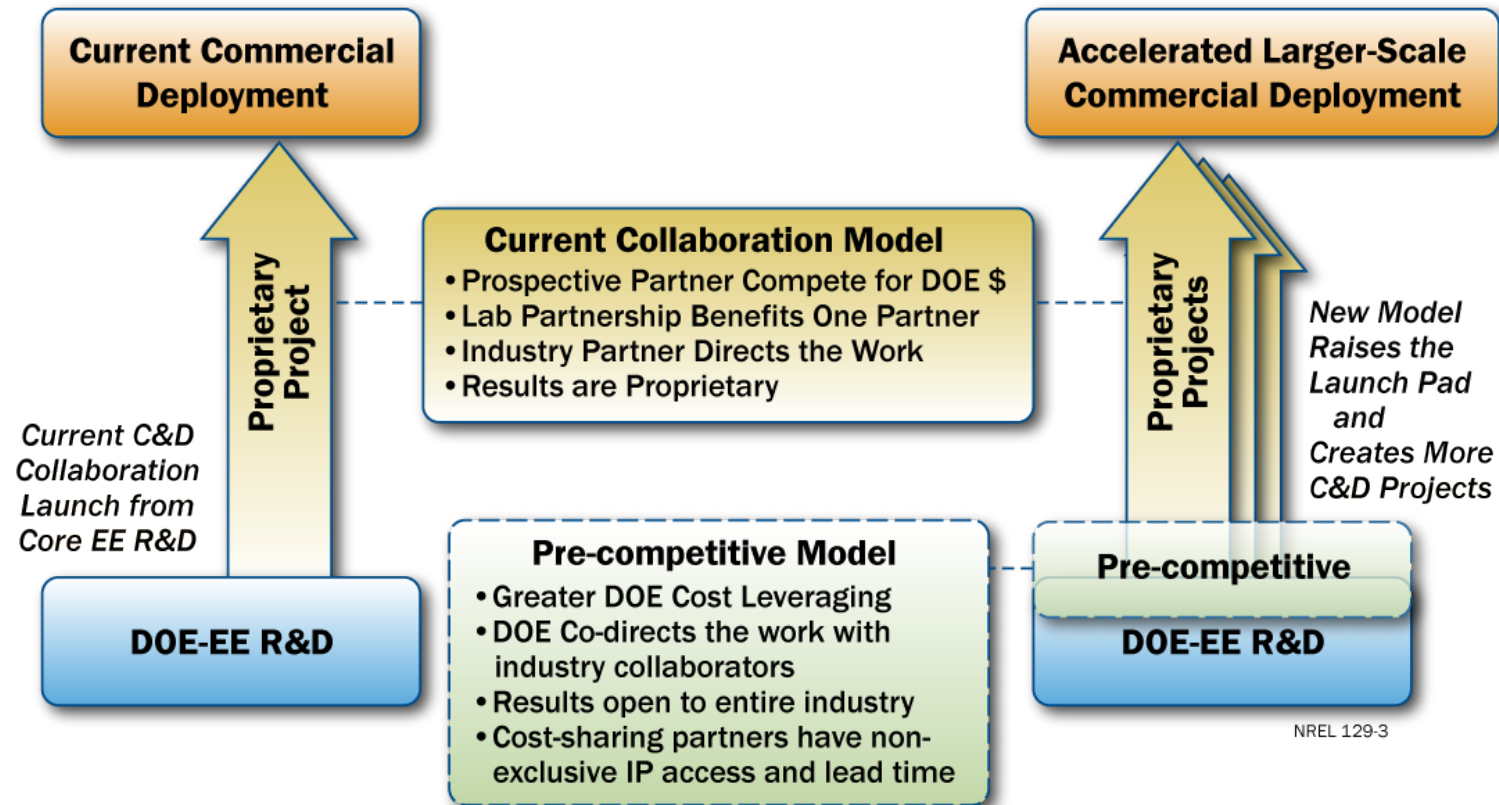
Industry Partnerships

Simplified Illustration of the Primary Partnership Model between NREL and Industry



Industry Partnerships

Alternative Partnership being developed:
“Pre-Competitive Collaboration”



A Unique Public-Private Partnership Model -- SolarTAC (Launched in Sept. 2008)



Site development is underway!



Making Transformational Change



The opportunity for making renewable energy transformational change is now before us as a solution to a global crisis.

We must seize the moment.