



Technology Watchlist: Building Efficiency Strategies for Now and The Next Generations

Wednesday, May 17, 2017

3:45-5:00 pm

Panelists

- Tim Tetreault, Department of Defense
- Bruce Rauhe, Walt Disney
- David Cohan, Department of Energy
- Mary Hubbard, Department of Energy (moderator)

Tim Tetreault

Department of Defense

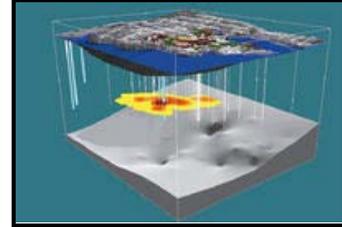
Environmental Security Technology Certification Program (ESTCP)

Tim Tetreault
ESTCP Energy and Water Program Manager
May, 2017



About ESTCP

- Program objectives:
 - ◆ Improve DoD's environmental performance
 - ◆ Reduce costs
 - ◆ Enhance and sustain mission capabilities
- Demonstration & validation focus
- Promote Implementation – Tech Transfer
- Energy & Water is one of five ESTCP Program Areas



Energy & Water

Environmental
Restoration

Resource
Conservation &
Resiliency

Weapons
Systems &
Platforms

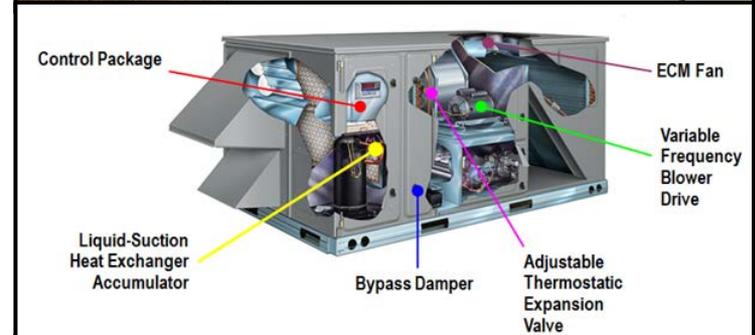
Munitions
Response

Energy and Water

- Smart and secure installation energy management
 - ◆ Microgrids
 - ◆ Energy storage
 - ◆ Ancillary service markets
 - ◆ Cybersecurity

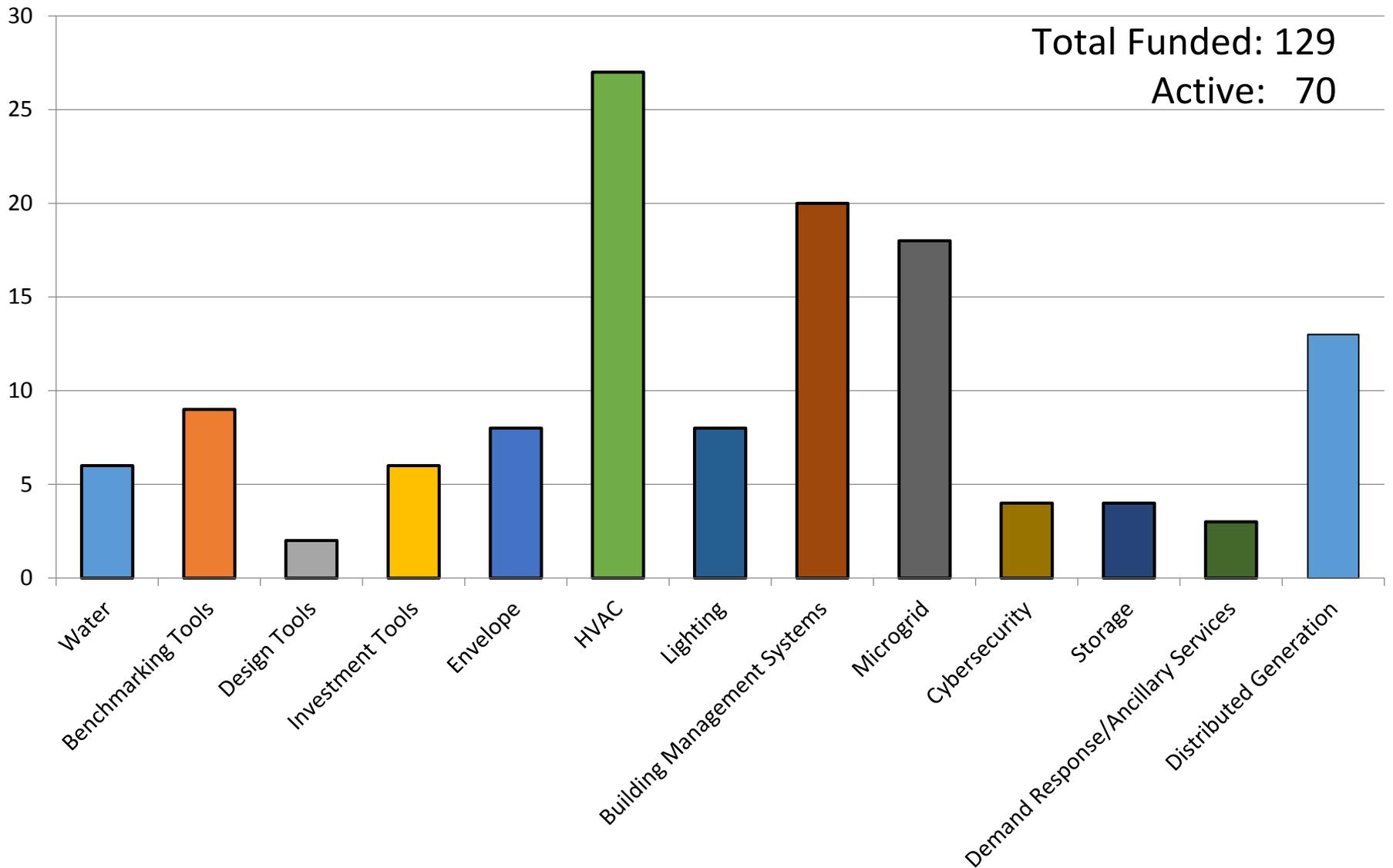
- Efficient integrated buildings and components
 - ◆ Design, retrofit, operate
 - ◆ Enterprise optimized investment
 - ◆ Advanced components
 - ◆ Intelligent building management
 - ◆ Non-invasive energy audits

- Distributed generation
 - ◆ Cost effective
 - ◆ On-site
 - ◆ Emphasis on renewables

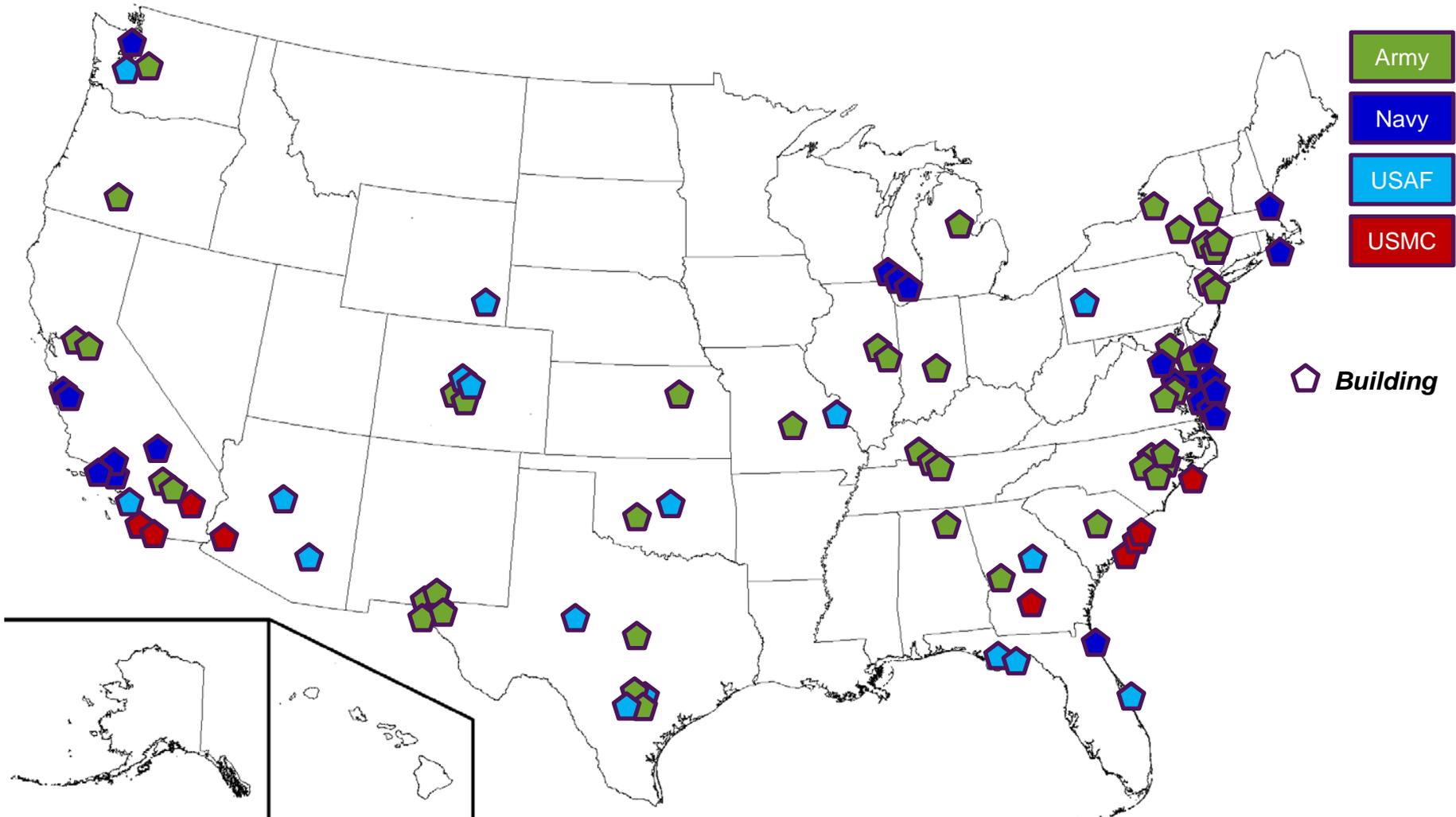


Active and Completed EW Projects - Project Count

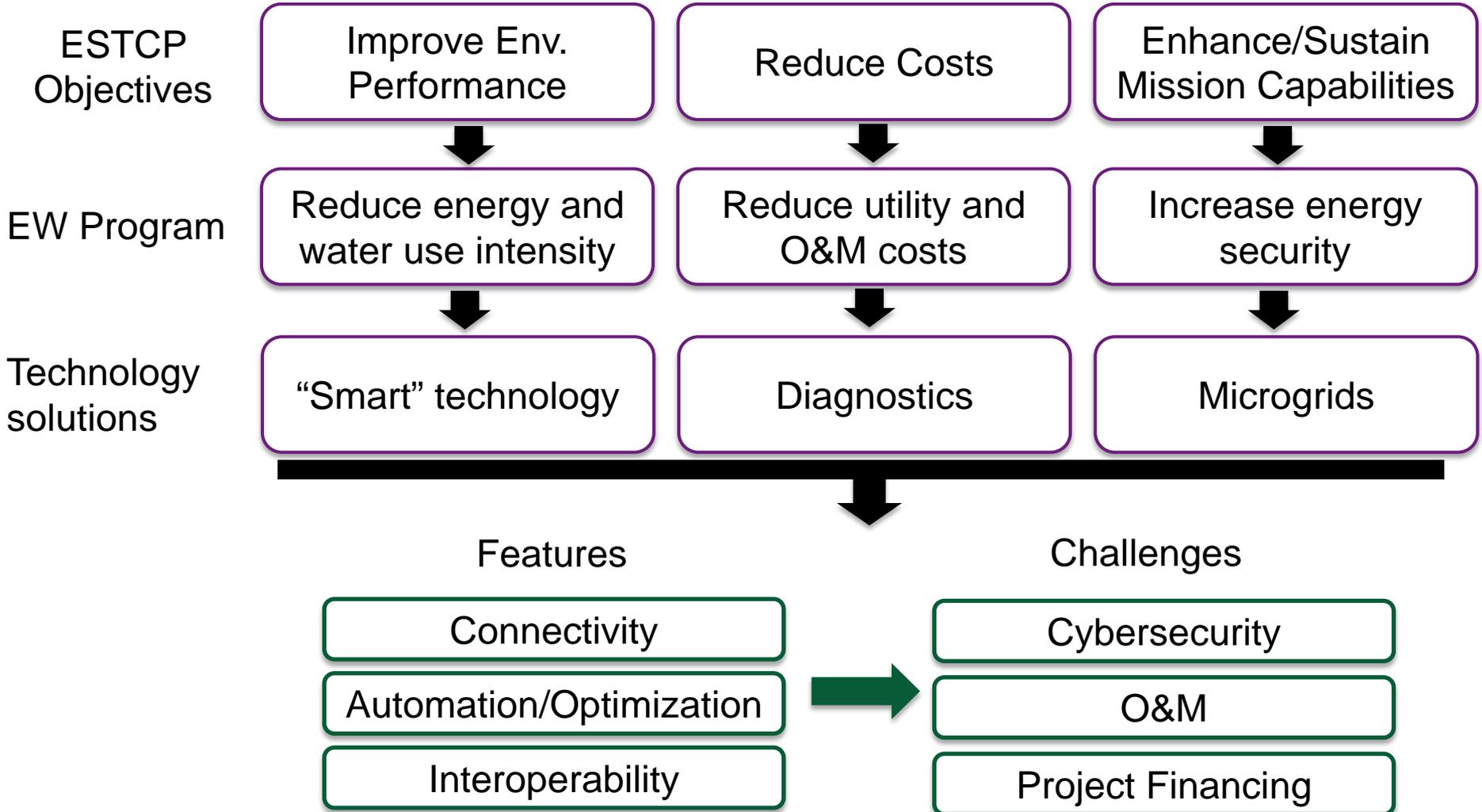
Total Funded: 129
Active: 70



Efficient Integrated Buildings Projects



ESTCP Building Technology Outlook



Contact

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Bruce Rauhe

Walt Disney Co.

David Cohan

Department of Energy

Thank You

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