NEXTENERGY

ACCELERATING INNOVATION

Introduction & Overview

2019

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We work with innovators to accelerate smarter, cleaner, more accessible solutions for communities and cities.

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Our Team

- Nationally recognized experts

- Experience with program development, execution, testing, strategy, and analysis

- Focused on technology and business model/ policy challenges

- At the intersection of mobility and the grid

- Go-to resources for media, panelists, moderators, judges, mentors and committee members

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Focus **areas**

Smart Mobility

We accelerate connected, automated, shared, and electrified (CASE) mobility solutions and how they interact with the surrounding infrastructure and grid.

Smart Grid

- We accelerate smart energy efficient solutions for buildings and homes, and how they interact with the surrounding infrastructure and systems

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Focus areas

Smart Grid

We accelerate smart, energy efficient solutions for buildings and homes, and how they interact with the surrounding infrastructure and grid.

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Smart mobility work

MDrive

EV car share to study benefits and challenges of the vehicles in a shared application.

DENSO
Crafting the Core

M DEARBORN

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Smart mobility work

Extreme Fast Charging

Development of DC fast charging system which can charge an EV in 10 minutes.

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Smart mobility work

Mobility Pilots

Program manager for PlanetM Startup Grant Mobility Pilots to deploy on Michigan roadways.

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Smart mobility work

CharIN EV

Interoperability testing for CCS interface and ISO-15118 communications for smart charging and grid integration.

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Smart grid work

Demand Response & Building Energy Management

NextEnergy is working with Enbala, DTE Energy, and Hepta Systems to integrate software and controls for demand response and grid communication within the center for with multiple assets to validate solutions.

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Smart grid work

LiTES
LIGHTING TECHNOLOGY ENERGY SOLUTIONS

Three-year initiative to reduce the energy footprint in commercial buildings by increasing awareness and accelerating the adoption of advanced lighting control systems.

U.S. DEPARTMENT OF ENERGY

Consumers Energy Count on Us

DTE

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Technology Challenges

NEXT CHALLENGE

Through sponsorship of NextChallenge, our industry and philanthropic partners rely on our expertise to help them identify emerging innovators and vet the groundbreaking technologies that will help them retain their competitive edge and achieve their mission.

gokid

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Technology pipeline building

- NextChallenge: Smart Cities
  - In partnership with Wells Fargo, DTE Energy, and DENSO, NextEnergy crowd-sourced smart cities solutions within smart mobility and smart buildings, homes, and infrastructure which could be demonstrated in Detroit.
    - *Awardees: Callida Energy, Smart Cone, Switch Source, Derq*

- Venture Services
  - With support from the BP Ventures, DENSO Ventures, Wells Fargo, and the Michigan Economic Development Corporation, NextEnergy provides support to start ups.

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NextEnergy impact

- Since 2002, we have worked with over 400 companies, major universities, federal agencies, and philanthropic organizations to attract over $1.5 billion in advanced energy and mobility technology investments.
- We are best in class among national incubators
- Between 2011-2018, 114 unique small company clients reported:

Secured nearly $570 million in new funding and business

727 patents, copyrights, trademarks filed

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