NEXT ENERGY
ask us what's next
Who we are
We are one of the nation’s leading accelerators of advanced energy technologies, businesses, and industries.
We are a non-profit founded in 2002 to drive investment and job creation in advanced energy in Michigan.
1. We provide services
2. We host demonstration and commercialization programs at the NextEnergy Center
3. We provide input to policy
We use value-added analytical tools to continually investigate “what’s next” in advanced energy.

We look toward the future to assess market trends, technology innovation, policy, and investment strategies.
Energy Efficiency
Energy Storage
Power Electronics
New Mobility
Renewables
Sustainability
Vehicle Electrification
Business Consulting
Technology Vetting
Access to Funding
Market Research
Promotional Support
R&D Demonstration Programs
Testing Services
Technology Acceleration Labs
Our Center
NextEnergy is a convening site for industry players, local, state and national leaders, universities, and entrepreneurs.
NextEnergy features over 18,000 square feet of built-to-suit laboratory space.
Testing & Demonstration Platforms

NextEnergy builds public private partnerships to demonstrate, test and validate advanced energy technologies.
Microgrid

One of the first microgrid research pavilions in the nation, capable of mimicking any grid scenario in the world.
Electric Vehicle Infrastructure

Multiple electric vehicle charging stations include public charging options and support research, development and demonstration of next generation infrastructure.
NextHome

A connected smart home with a direct current (DC) power distribution system, operates as a "living lab."
Our Impact
Since 2002, NextEnergy has worked with over 400 companies, major universities, federal agencies, and philanthropic organizations to attract over $1.3 billion in advanced energy technology investments to Michigan, and over $150 million in program funding.
Between 2011 & 2013
44 client companies reported...
Patents, copyrights, trademarks filed

443
Licensing Agreements Entered

91
Products Commercialized

67
New Funding Secured

$115 Million
New Business Won

$169 Million
Plant or Capital Expansions

$89 Million
Jobs Created or Retained

383
Advanced mobility

What?
NextEnergy identifies Advanced Mobility as a "system of systems" that moves people, goods, information and energy -- efficiently.
DRIVERS

- Population growth and urbanization
- Environmental degradation & resource scarcity
- Over-strained infrastructure
- Maturation of information & communication technologies (ICT)
- Proliferation of smart phones

MEGA TRENDS

- Consumer behavior shifts
- Collaborative consumption
- Connected transportation
- Convergence with other industries
Why NextEnergy?
Forward-leaning, forward-looking innovation center focused on "what's next?"

History of multi-industry, multi-technology based solutions

Common technology platforms between energy and mobility

Driven by collaboration and public private partnerships

Critical to the economic future of the region
ITS World Congress

For more info, visit: www.itsworldcongress.org
**Chrysler demonstration**
- Connected Electric vehicle (mobile, observed)
- V2G for commercial building services (static)

**“Smart Chips” demonstration**
- Wireless charging (mobile, observed)
- Pedestrian avoidance (mobile, observed)

**Bosch demonstration**
- Electric e-bike (mobile, participate)
- DC fast charging (static)