Start Up 2.0: Disrupting Markets with Big Data Insights

Panel Speakers:
Nisha Sarveswaran, Ambience Data
Sergio Castillo, Eco BCG
Jason Lee, SmartCone
Charles Murray, Switched Source

Moderated by:
Wayne Snyder, NextEnergy
Who we are

NEXT ENERGY is an innovation center accelerating advanced energy and mobility technologies that transform how we use energy to live and move.
What we do

- Help small companies grow
- Build tech pipeline for large companies
- Accelerate market readiness via public private partnerships
Filling the Environmental Data Void

Proprietary Sensor Network
Eco BCG Corporation

Sergio Castillo, MEM, MBA
Eco BCG is an engineering solutions firm specialized in driving operational excellence within the Industry. We are leading the Industrial 4.0 transformation through integrated solutions optimizing the total ecosystem of manufacturing processes, water, energy and waste.
Big Data

Industry 4.0: The Digital Transformation

Source: https://www.i-scoop.eu/industry-4-0/
SmartCone Technologies

IoT Base Station
Data Intelligence on the Edge
• 20 Years of influence on us (from Banking to Safety)
• How Big Data changed our product design thinking
• Where are we now
• Where are we going
- Switched Source Makes Distribution Level Equipment

- 75% of faults happen at Distribution System

- Distribution Level is “Hub & Spoke”

- Switched Source enhances reliability, efficiency, and renewable hosting of Distribution System
200,000 Feeders in the US
- CMS 1,948 Feeders
- DTE 3,612 Feeders

On average 500-800 users per feeder, with data available at 15min intervals

Data Value Streams
- Demand Response & Energy Efficiency
- Enhanced Rates
- 75% of faults happen at Distribution System
- Transactional Grid