JUNE 8–11
2020 SUMMIT
A Virtual Leadership Symposium

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Best of the Betters: 2020 Better Project and Better Practice Presentations

Wednesday, June 10
11:00 am-12:30 pm ET
Kate Peterson
General Motors

Submit Questions
www.slido.com event code #bbsummit then go to room “Best of the Betters”
Finding Energy Treasure with General Motors Project Roadmap

GM Sustainable Workplaces

Kate Peterson, Energy/Carbon Optimization Engineer
GM Sustainability Goals

- Reduce 2010 carbon emissions by 31% by 2030
  - Achievable with energy efficiency projects and RE-100
- Energy efficiency projects identified by third parties, plant, & Energy Treasure Hunts (ETH)
- GM’s history of hundreds of ETH and efficiency projects provided large database of conservation measures
Previous project tracking methods did not encourage collaboration

- Pursued projects tracked as a part of the plant’s energy performance measures
- Suggested projects remained in ETH files
- Completed projects were not compiled for other plants
- Project information generally delivered “through the grapevine”
Need for a tool that improves communication between plants

- **Track** past and current plant projects
- **“Live”** capability to show current plant project information
- **Share** past and current plant project info across all plants
- Include **granular** details – cost to implement & savings
- **Easy** to use (Excel and Power BI)
- **Showcase** project information in visuals
Project Roadmap improves collaboration

- Project Implementation and Identification Roadmap
  - Treasure Hunt findings
  - 2020 project info for plant records
  - PIIR PBI component stores live project info in visuals

Filtering allows plants to find specific opportunities in their area of concern
Project Roadmap serves as a project tracking tool

- Projects are tracked from ideas, to projects under implementation, to completed projects

1. Opportunities/suggestions
2. Developed, cost, implementation, and energy savings updated
3. Installed, real time cost and energy information

The Result

- Projects are tracked from ideas, to projects under implementation, to completed projects.

- Project info is detailed
  - Allows for project duplication, benchmarking
  - Improves future estimations
Project Roadmap continuous improvement

- Plant collaboration and project tracking improved
- Use feedback to improve Roadmap process
- Expand globally to all GM manufacturing sites
- Collaboration with industry partners