



Supporting Suppliers in Advancing Energy Management Programs

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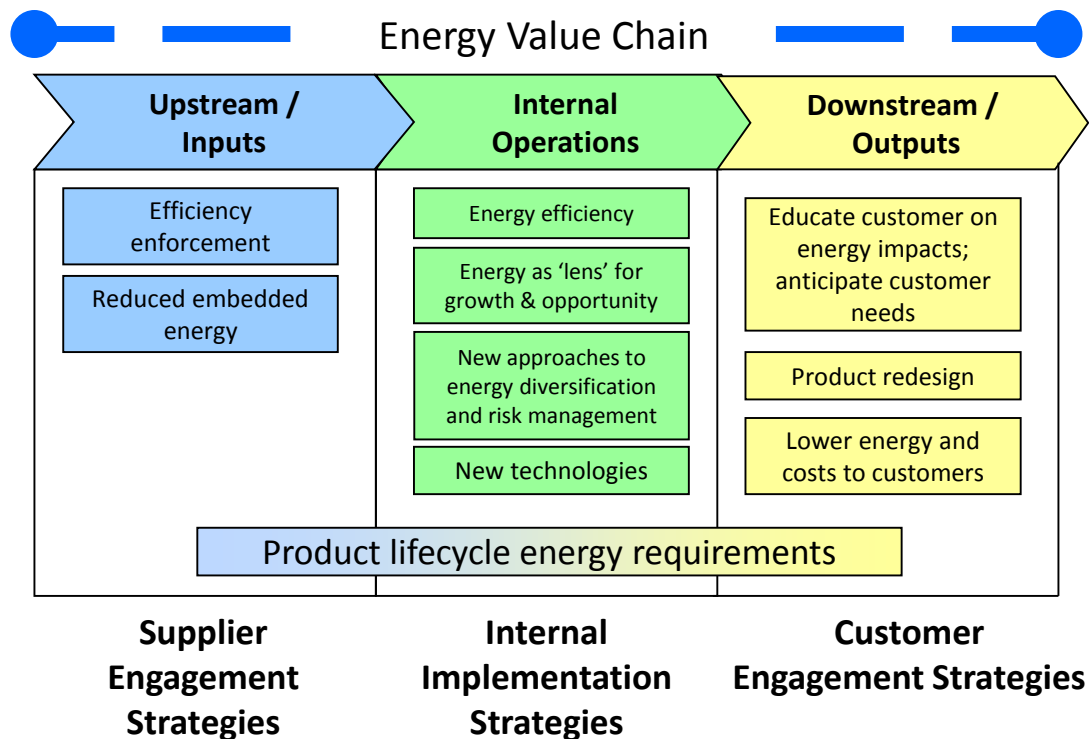
Background

- ENERGY STAR has partnered with US OEM Motor Vehicle Makers since 2001:
 - Multiple energy management resources, tools, and best practice developed.
 - Significant improvements in energy performance observed across all OEM companies.





Strategic energy management



Auto Supplier Training Camp

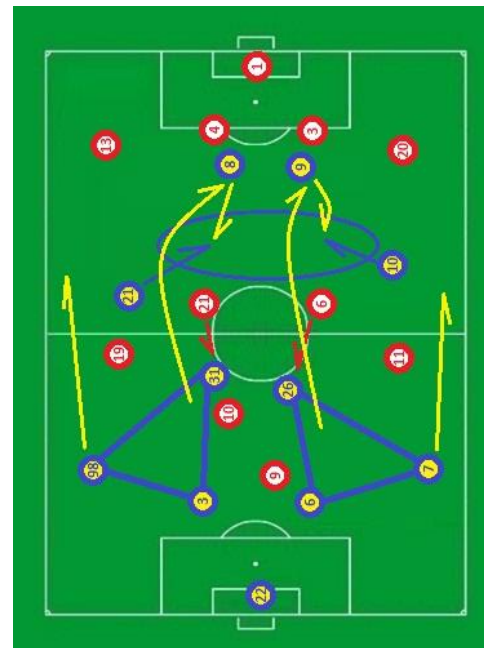
Objective:

- Improve efficiency, reduce costs, and cut carbon emissions among supplier companies to the US Automotive sector.
- Build and strengthen energy management practices and programs at supplier companies.
- Transfer the successful energy management practices and strategies of leading companies to suppliers.



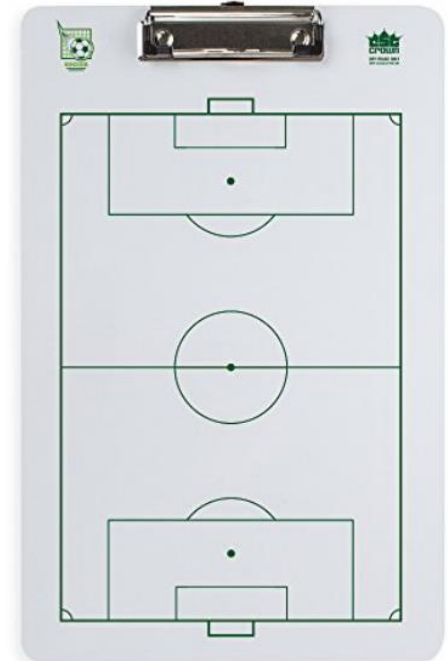
Game plan

- 1.5 day fall training camp
- Periodic “coaching” sessions following camp
- Build plant energy team
- Conduct Energy Treasure Hunts
- Create & implement action plans
- Mentor others



Coaching staff

- Logistical coordination: **Supplier Partnership**
- Content coordination: **ENERGY STAR**
- Recruitment: **Fiat Chrysler, Ford; General Motors, Nissan, Toyota, and Supplier Partnership**
- Camp instructors: **Fiat Chrysler, General Motors, Nissan, Toyota, & Yamaha**
- Evaluation: **Supplier Partnership**





Commitment

- Company management must support building or strengthening an energy program.
- Take the [ENERGY STAR Challenge for Industry](#) at 1 plant
- Form Energy Team at a plant
- Conduct an [Energy Treasure Hunt](#)
- Mentor others within and outside of company

Participating Suppliers

- American Mitsuba
- Bosch Rexroth Corporation
- DENSO Manufacturing
- EFI Automotive
- Henkel Corporation
- Lear
- Magna International



Fall Training Camp Session

- September 7 & 8th
- General Motors Warren Technical Center



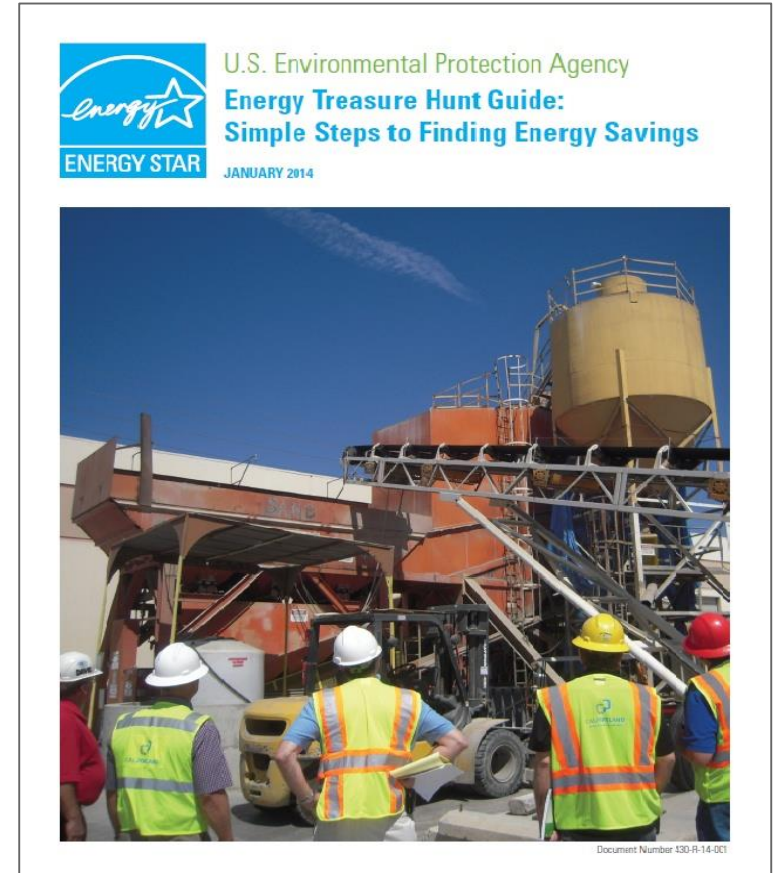
Coaching sessions

- Periodic conference calls & web conferences following Fall Camp.
- Review additional energy management topics.
- Check-in on energy program milestones & treasure hunt coordination.
- Q & A with “coaches,” other participants, and ENERGY STAR partner companies from other sectors.



Energy Treasure Hunt

- Invented by Toyota and now used by hundreds of companies.
- Uses internal staff to identify & implement energy saving opportunities.
- Focuses on no-cost, low cost energy savings opportunities.
- Very effective in helping to build better plant energy teams and programs.
- Very effective in identifying energy savings.





ENERGY STAR Challenge for Industry

- Challenges manufacturers to reduce their energy intensity by 10% or more within 5 years or less.
- Any industrial plant can take the Challenge.
- Plants that achieve the Challenge are eligible to receive recognition from the US EPA.
- Creates a “prize” for good energy management
- Over 1000 plants have taken the Challenge for Industry.
- Over 300 plants have achieved the Challenge.
- Over 60 trillion BTUs in energy saved by Achiever plants.
- Over 12,300,000 metric tones for CO₂e emissions prevented by Achiever plants.
- The average energy intensity reduction of all plants was 20% in 1.8 years.





Game Plan

Coaching Staff

Players:
Supplier
Companies

