



**Service/Product Provider**

***ESFM / Compass Group***

1500 Liberty Ridge Drive  
Suite 210, Wayne, PA 19087

**Business:** Integrated Facilities &  
Energy Management Solutions

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VP Technical Services & Energy Solutions  
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**Industrial Partner**

***Stryker Osteonics***

325 Corporate Drive  
Mahwah, NJ 07430

**Business:** Orthopaedics:  
Medical implants

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**ESFM's self-performed energy solutions brings cost savings to clients by guiding them toward their ESG goals & CO<sub>2</sub> carbon reduction commitments.**

**Service/Product Provider Company Overview**

ESFM provides **Energy Treasure Hunt** training and on-site facilitation for Industrial facilities that want to save energy, reduce greenhouse emissions, and promote sustainability into the workplace.

**Project Scope**

Stryker Osteonics, Corp. retained **ESFM** to lead an Energy Treasure Hunt during March 11<sup>th</sup> – 14<sup>th</sup>, 2024 at its medical technology manufacturing facility that specializes in orthopedic implants, including hips & knees, located at 325 Corporate Drive, Mahwah NJ 07430 to identify energy saving & CO<sub>2</sub> reduction opportunities.

**Project Summary**

Following the ENERGY STAR Treasure Hunt guidelines, the 1-day pre-training and 3-day event took place with 13 employees trained by ESFM. Savings opportunities were found in all areas of the plant such as HVAC, hot water, compressed air systems, heat exchangers, fans, lighting, dust collectors, cool roofs, and more.

- **Energy Savings**  
Potential savings of \$385K/year (2,147,600 kWh/year)
- **CO<sub>2</sub> Carbon Dioxide Savings**  
900 Metric Tons of CO<sub>2</sub>/year
- **Financial Return**  
12-18 month payback overall; many measures have immediate payback.
- **Other Benefits**  
Enhanced employee engagement, awareness, and movement toward corporate Sustainability goals.

**Monitoring & Verifying Energy Savings**

The plant tracks its overall monthly energy performance in MWh, Dth, Mtons of CO<sub>2</sub>, and progress towards its energy goals from baseline year of 2019.

**Distinguishing Value**

ESFM utilized its energy management & sustainability expertise in Energy Treasure Hunts to successfully train employees and facilitate the 3-Day Event which enabled Stryker Plant in Mahwah NJ to identify significant potential energy savings and CO<sub>2</sub> greenhouse gas reductions.

