## **Lockheed Martin Corporation**

## **Corporate Engineering and Technology**



Steven Meier, Ph.D., PMP Vice President, New Business Initiatives

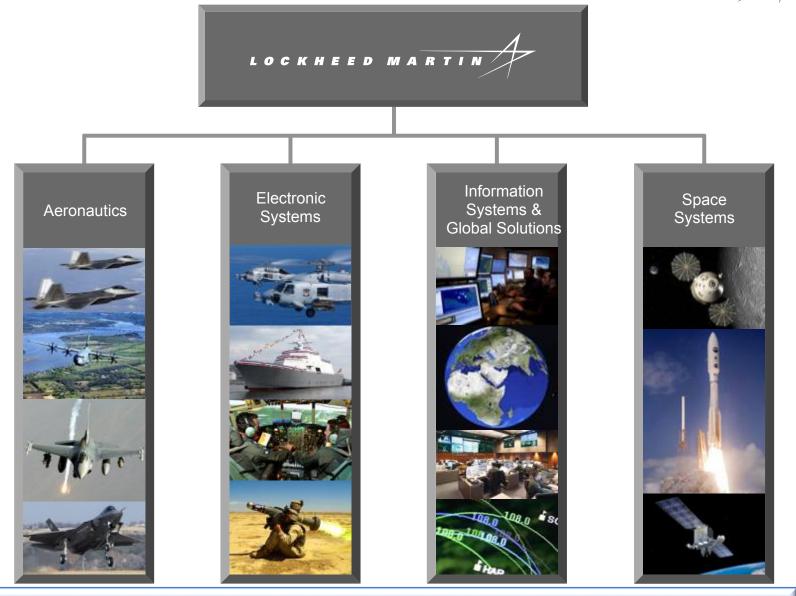
## The Men & Women of Lockheed Martin



- 123,000 Employees
- 63,000 Scientists, Engineers and IT Professionals
- Operations in 1,000 Facilities, 500 Cities, 50
   States and 75 Countries

## **Lockheed Martin Corporation**





## Lockheed Martin Energy Business Portfolio

# Information Systems & Global Solutions



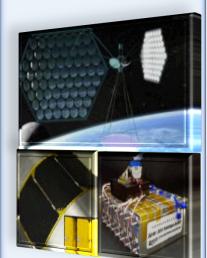
- · Utilities Services
- Hanford Site Management
- · Efficiency Services
- Smart Grid Integration
- Demand Response
- Grid Cyber Security
- Green IT
- Energy Savings
   Performance Contracts

#### **Electronic Systems**



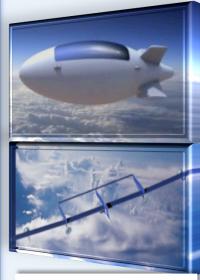
- Sandia National Lab
- Renewables (Biomass, Biofuels, Wave, Tidal, Ocean Thermal, Solar)
- · Fuel Cell Technology
- Intelligent Microgrids
- Digital Nuclear I&C and Training
- Small Modular Nuclear Reactors

#### **Space Systems**



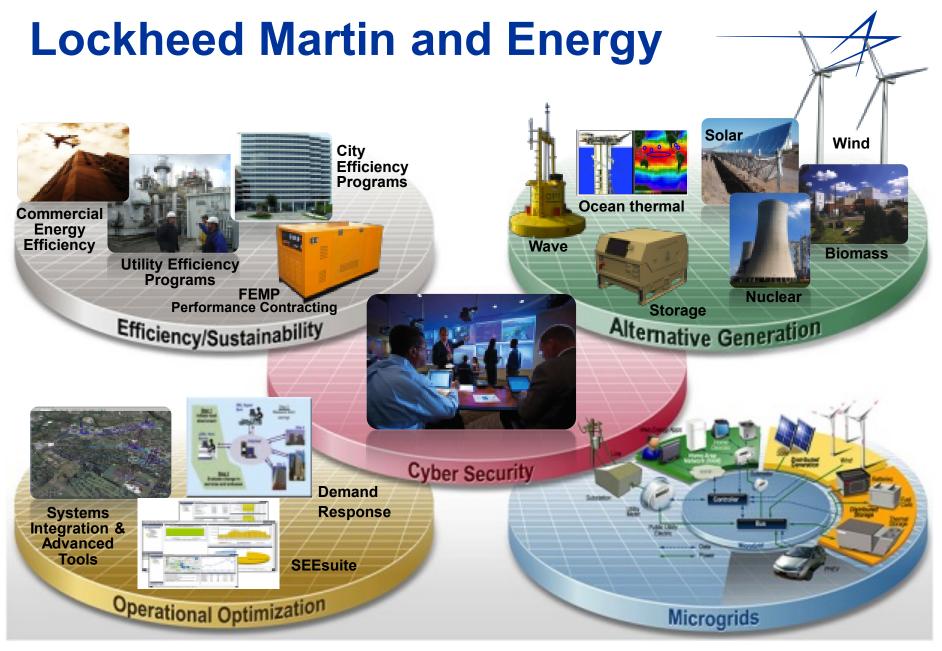
- Carbon Monitoring
- Wind Prediction
- Composite Materials
- Component Design & Fabrication
- GOES-R (Geostationary Operational Environmental Satellite)
- Advanced Fuel Cells & Battery Technologies

#### **Aeronautics**



- Manufacturing Efficiency
- Campaign & Force Wide Impacts of Energy Use for Mobility, Tactical and ISR Systems
- · Material Research
- Hybrid Aircraft
- Energy Harvesting
- Biofuels R&D

Leveraging All Business Areas to Help our Customers Meet their Energy Goals





## We are Committed to Energy Solutions

Ranked 7th in Fortune 500 for Green Energy Purchases 275 million kWh annually



**Owego Biomass Facility** 

#### From 2007 to 2010:

15% reduction in Carbon Emissions 20% reduction in Waste-to-Landfill 21% reduction in Water Usage



On track to reach 25% absolute reduction target by 2012

Scored 90/100 for carbon disclosure practices

'A' rating for carbon performance

CARBON DISCLOSURE PROJECT



## What we have done at our Facilities









## **Lockheed Martin Marietta**









# Lockheed Martin is actively engaged in solving our customers 21<sup>st</sup> century Energy Challenges

