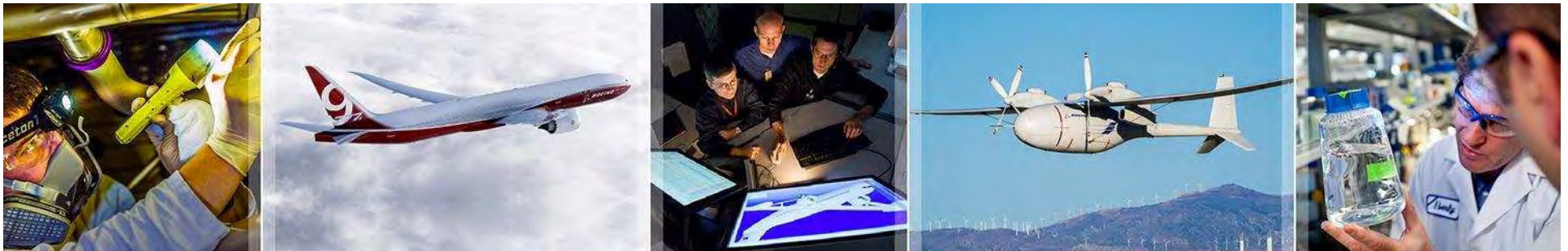




Build Something Cleaner

# Boeing and the Environment



**Steve Shestag**  
**Environment Director**  
**The Boeing Company**

# Environmental Strategy

*Be the most environmentally progressive aerospace company*

## Focus

Design in  
Environmental Performance

Innovate for  
**sustainable** operations

Inspire Global  
**Collaboration**

Performance  
Measures

- Energy and Emissions
- Materials and Waste
- Community
- Water

Building a better planet

# Cleaner Operations



**Zero waste** to landfill at six sites

**LEED certification** at 16 sites; Silver minimum for new construction

**ISO 14001** certified at all major manufacturing sites

**Renewable** energy used for nearly half of all electricity consumption

**Active** energy and water conservation program

**Sustained Excellence:** 2014 EPA ENERGY STAR Partner

# Most Efficient, Quieter Family of New Airplanes

## 777X

**12% Reduction in fuel and CO<sub>2</sub>**  
**Substantially smaller noise footprint**

\*\*than the A350-1000

## 787

**20% Reduction in fuel and CO<sub>2</sub>**  
**60% Smaller noise footprint**

\*than the model it replaces



Less fuel, lower operating costs,  
lower CO<sub>2</sub> emissions

## 737 MAX

**14% Reduction in fuel and CO<sub>2</sub>**  
**40% Smaller noise footprint**

\*than the model it replaces

## 747-8

**16% Reduction in fuel and CO<sub>2</sub>**  
**30% Smaller noise footprint**

\*than the model it replaces

# Employee Engagement



**Design and build**  
with environment in mind

**Eliminate**  
waste in every process

**Demonstrate**  
environmentally progressive values  
everyday



Employees drive environmental  
performance every day

Thank you

# Global collaboration for environmental performance

