

# GE's Technology and Services

## Analyst Meeting

May 4, 2006

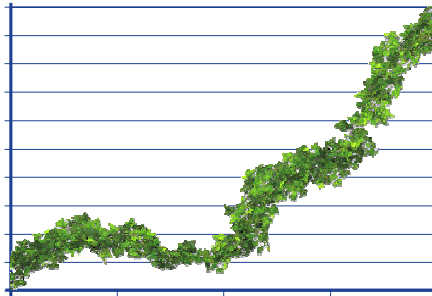


imagination at work

ecomagination™

## Green is green

Lorraine Bolsinger  
Vice President, Ecomagination



imagination at work

## ecomagination commitments

1

**Increase** revenues to \$20B



2

**Increase** R&D investment from \$700MM to \$1.5B



3

**Improve** our energy efficiency and lower our GHG emissions



4

**Keep** the public informed on progress



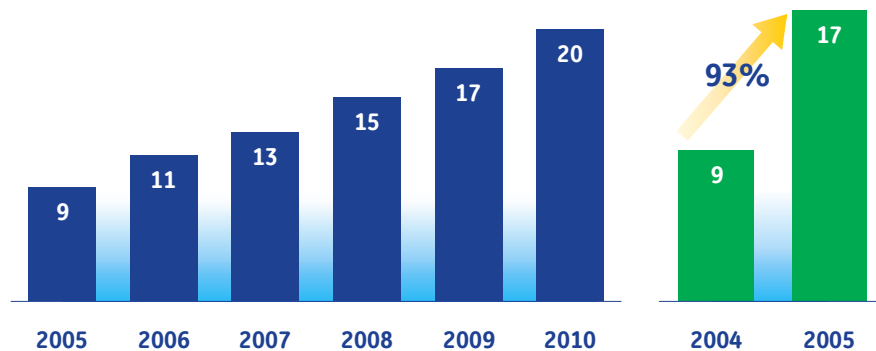
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## ecomagination drives growth

(\$ in billions)

**Estimated Revenues**

**Orders + Commitments**



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## Technology across GE makes **ecomagination** a reality ...



## Two fundamental criteria

**ecomagination** offerings must ...

Improve the  
customer's  
**operating  
performance**

&

Significantly  
and measurably  
improve customer's  
**environmental  
performance**

## ecomagination product portfolio

### 25 products certified

#### Aviation

- GENx
- GE 90-115B
- LM2500

#### Rail

- Evolution
- Hybrid

#### Water

- Desalination
- Pure Water Membrane

#### Consumer & Industrial

- Energy Smart CFLs
- Energy Star Refrigerators, Dishwashers, Washers & Water Coolers/Dispensers
- Ultra Motors

#### Advanced Materials

- Silwet Superspreader
- NXT Silanes

#### Plastics

- Noryl Wire Coating
- Paint replacement

#### Energy

- Wind
- IGCC
- Solar
- H Turbine
- Jenbacher CMM, Biogas & Landfill
- LMS100

### 16 more in process

#### Aviation

- CFM56-3 Upgrade

#### Advanced Materials

- Low VOC PU Foam
- Flex PU Foam
- Surfactants
- SPUR

#### Rail

- China Evolution
- Russia Modernization

#### Consumer & Industrial

- T8 & T5 Lamps
- Hybrid powertrain

#### Energy

- Max 9

#### Plastics

- VALOX PBT
- Freezer Film
- Auto Glazing
- Body Panels

#### Consumer Finance

- Earth Rewards Card
- EE Home Mortgage

#### Proficy Plant

- Applications Software



\*\*CFM International is a 50/50 joint company between GE and Snecma

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## Energy ... 20 year customer value

### 9H ... 50Hz - \$109

Versus Mitsubishi 50Hz NPCP1 (M701G)



#### Fuel

~\$220  
MM

#### Carbon

~1MM  
Tons

Potential  
Carbon Value  
@ \$30/Ton

**\$30MM**

### LMS100 ... 60Hz

Versus average 60 Hz GT plant  
(SGT6-3000E) @ 3,000  
hrs per year



~\$120  
MM

~800k  
Tons

**\$24MM**



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## Transportation ... 20 year customer value

### Evolution Locomotive

Versus EMD 70  
(100 locomotive  
fleet)



Fuel

~\$80  
MM

Carbon

~430k  
Tons

Potential  
Carbon Value  
@ \$30/Ton

**\$13MM**

### GENx

1% fuel burn advantage on GENx  
powered 787  
(30 aircraft fleet)



~\$70  
MM

~360k  
Tons

**\$11MM**



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## Lighting ... 20 year customer value

### T8 Linear Fluorescent System

Re-lamping 20 GE facilities w/ T8  
fluorescent system vs. high-pressure  
sodium (HID) fixtures



Fuel

~\$40  
MM

Carbon

~450k  
Tons

Potential  
Carbon Value  
@ \$30/Ton

**\$13MM**

### Energy Smart CFLs

20 equivalent lumen  
CFLs versus 20 100W  
incandescent lamps



~\$3k

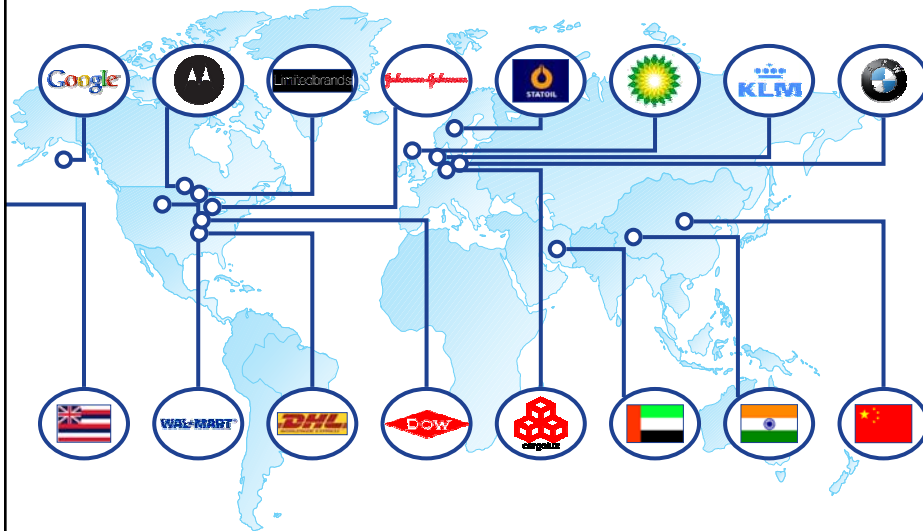
~23k  
Tons

**-1 car  
x 4 yrs**



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## Connecting with customers around the world



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