

ecomaginationSM

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UNFCCC-Bonn,
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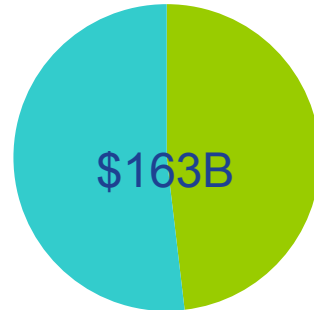
imagination at work

GE Profile

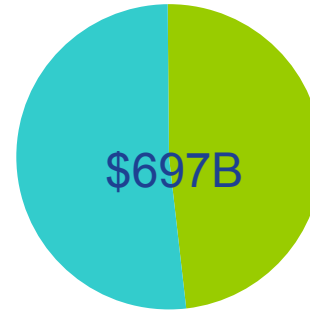
Global

■ US ■ INT'L

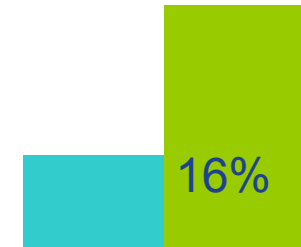
'06 Revenues



'06 Assets



'06 Growth



Across Industries

Infrastructure

Energy
Oil & Gas
Water
Transport

Finance

Real Estate
Energy
Aviation
Equipment
Consumer

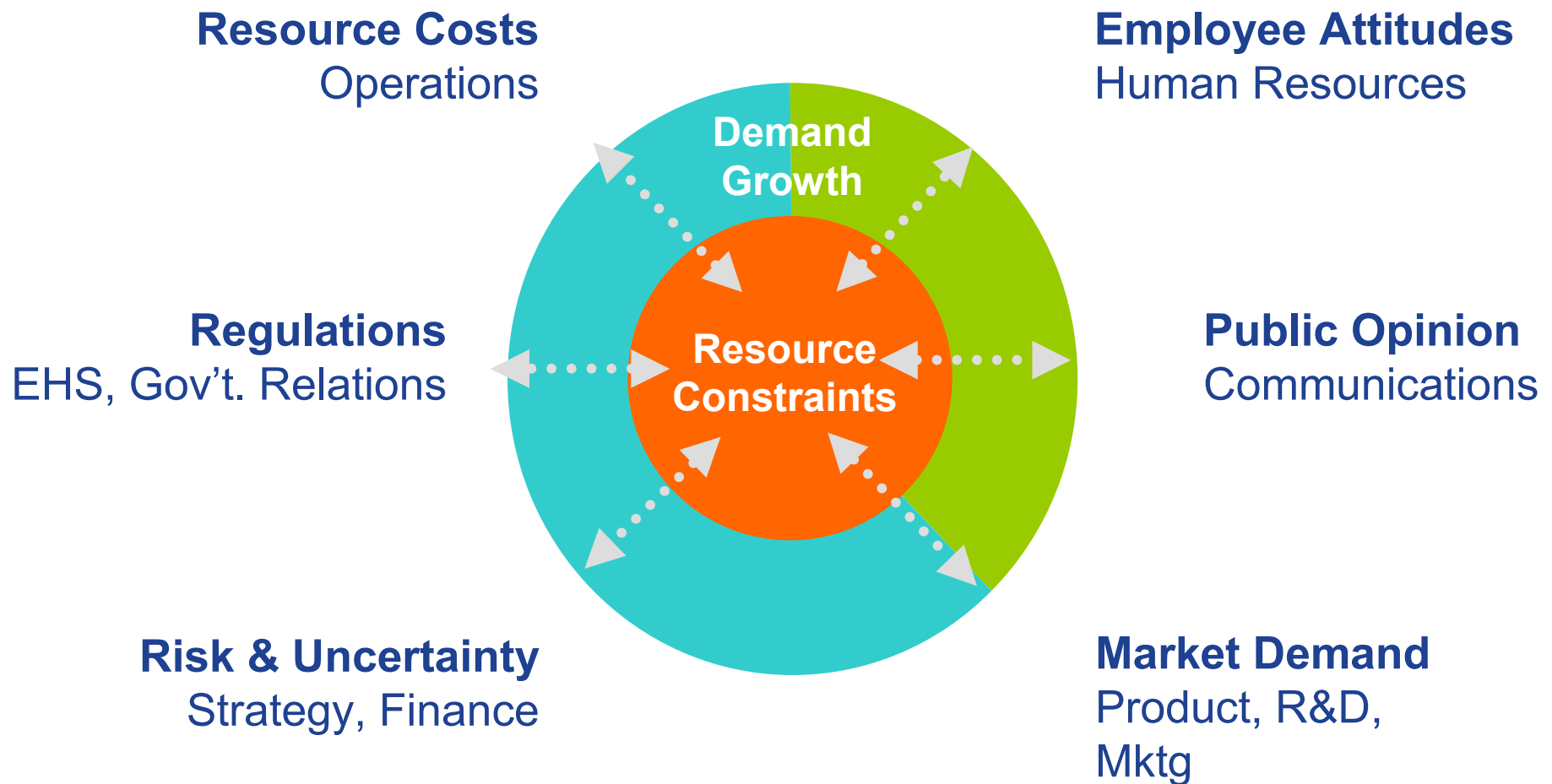
Industrial

Appliances
Lighting
Electrical
Materials

Other

NBCU
Healthcare

Broad, growing impact on business...



ecomaginationSM

Grow revenues to \$20B

Double R&D to \$1.5B

Reduce GHG

Inform public



45+ Products ... green is “green”

Significant and measurable
improvement in both

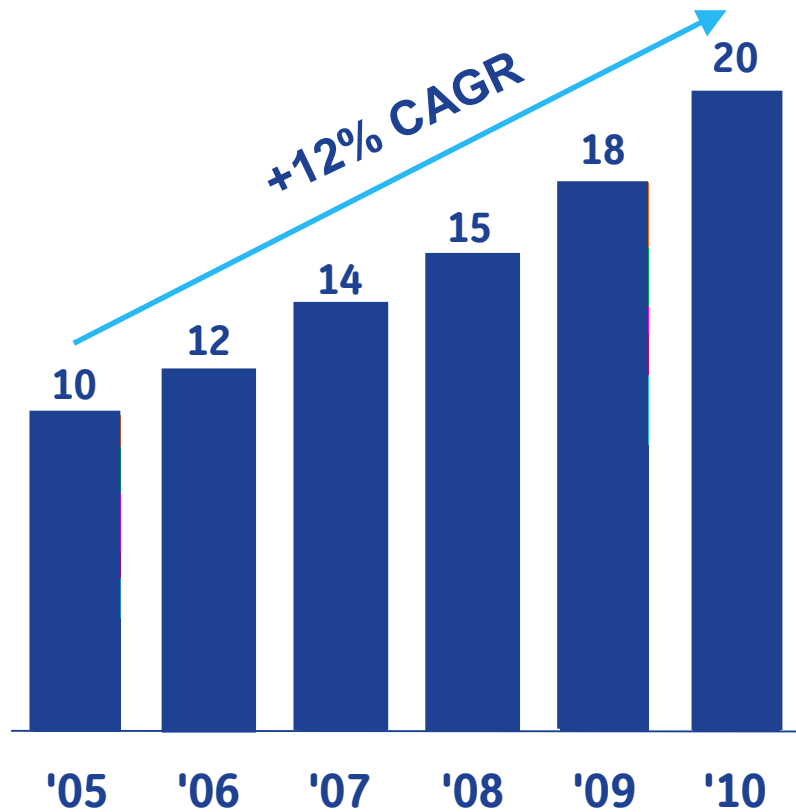
**Operating
performance**



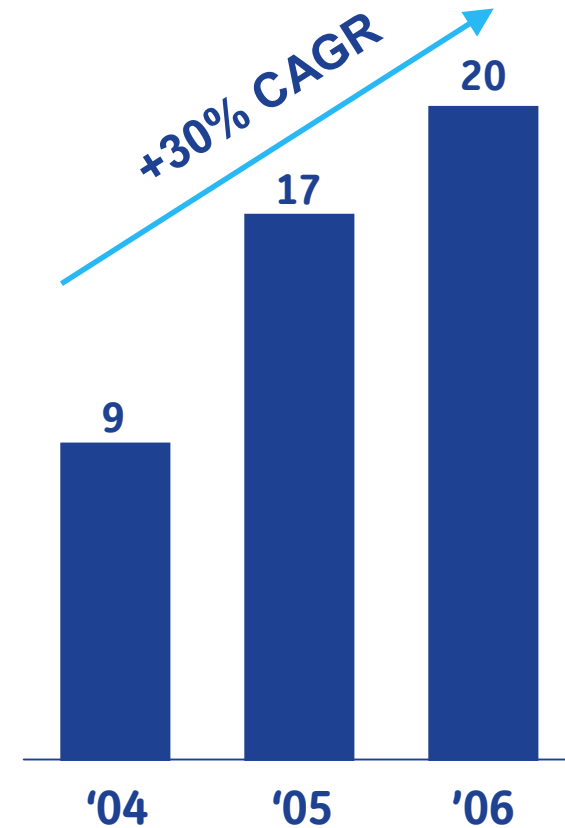
**Environmental
performance**

Grow revenues

Revenues (\$B)



Orders and Commits (\$B)



Double R&D

White space ideas



Advanced
Battery
Technology

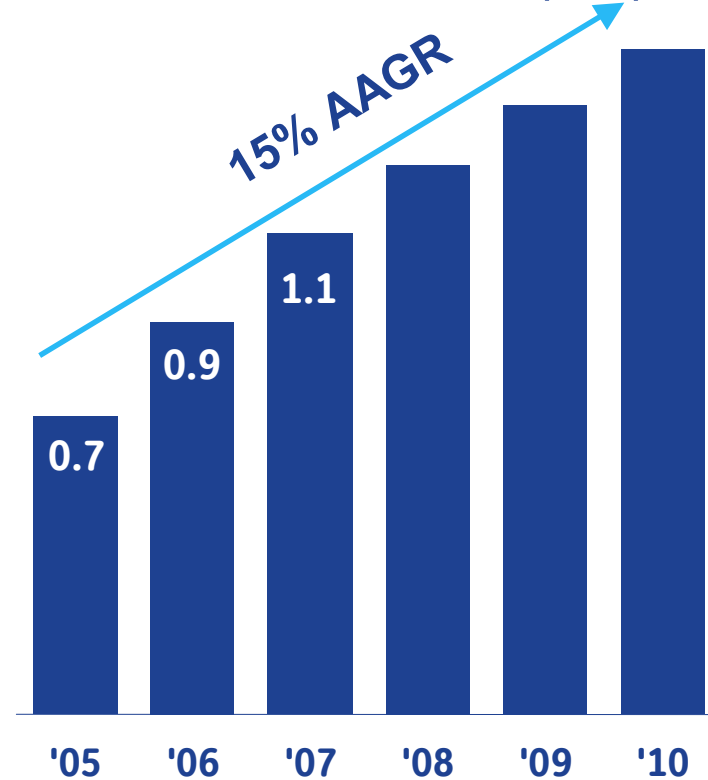


Waste
Gasification



Advanced
Photo-
Voltaic

R&D Investment (\$B)



Reduce emissions

5,000 projects

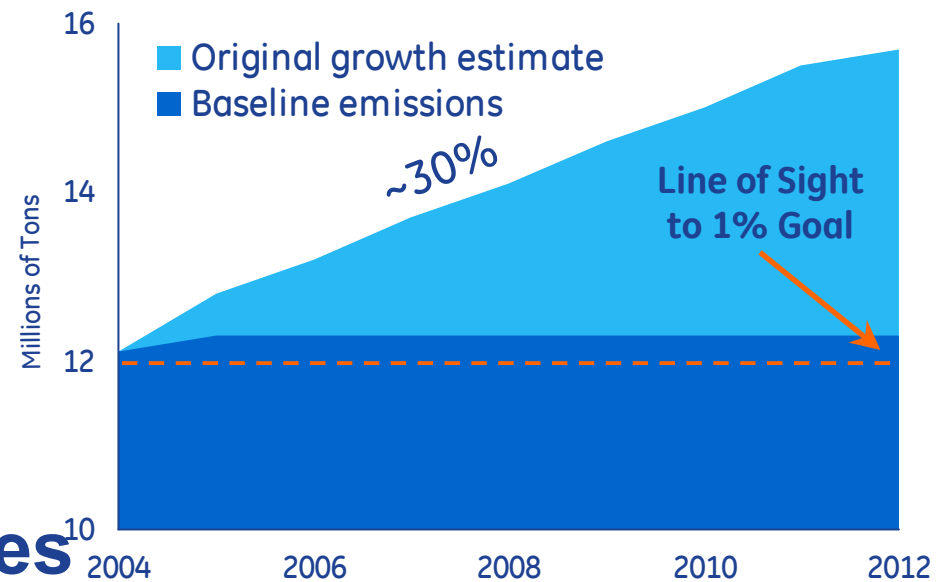
- 600k tons ↓ identified
- ~\$97MM energy savings

Shareholders

- Cost ↓
- Risk ↓

Solutions and showcases

CO₂ Production



~\$70MM '06 energy savings

Reducing GHG – Technology Upgrades



40 lighting upgrades to date

Green benefits – \$

- \$3.3MM annual savings
- 2+ year payback

Green benefits – eco

- 40,000 tons of CO2 ↓
- = 7,000 cars ↓

Reducing GHG – Technology Upgrades



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Ecomagination Events – Worldwide

Launch events

- Media
- Celebrate customers
- Tech symposia
- Engage governments
- **~1,000 customer attendees**

China



NDRC

Australia



bhpbilliton



India



AIR INDIA



Public policy ... a seat at the table

Legislation ... climate policy

- Governments & NGOs

Regulation

- Setting the bar high

Funding

- Federal, State & Local

Globally

- China, India, Australia, UK, CAN



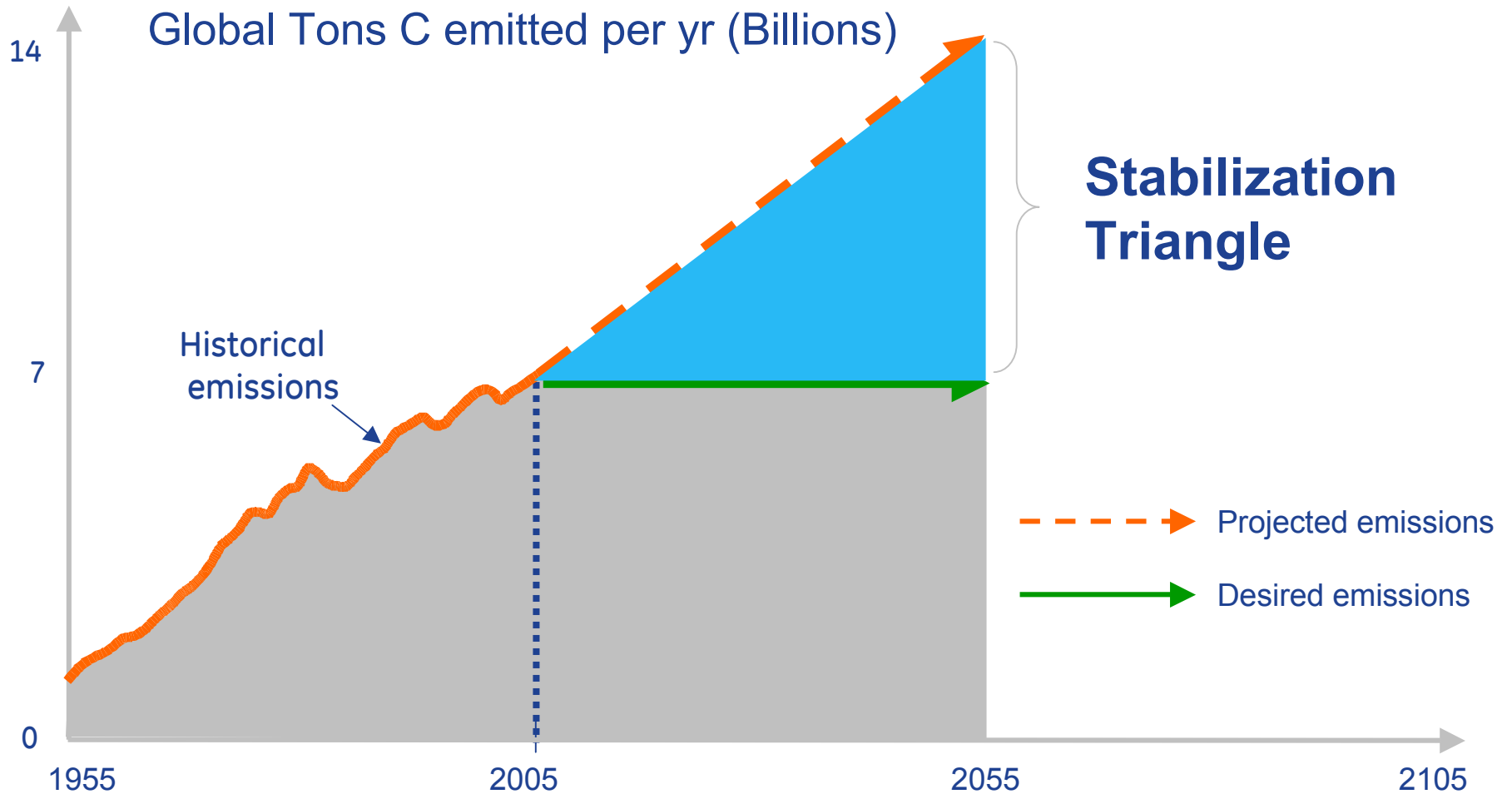
Aligned with GE Policy...



- We know enough to act—Supported by US National Academy of Sciences
- Climate change is an enormous undertaking that can be addressed by our innovative society
- US can be competitive and prosper in carbon constrained world
- Solution - mandatory, economy-wide program with different allowances and approaches to offset variable impacts by economic sector



Climate change challenge



Stabilization wedges...7 required

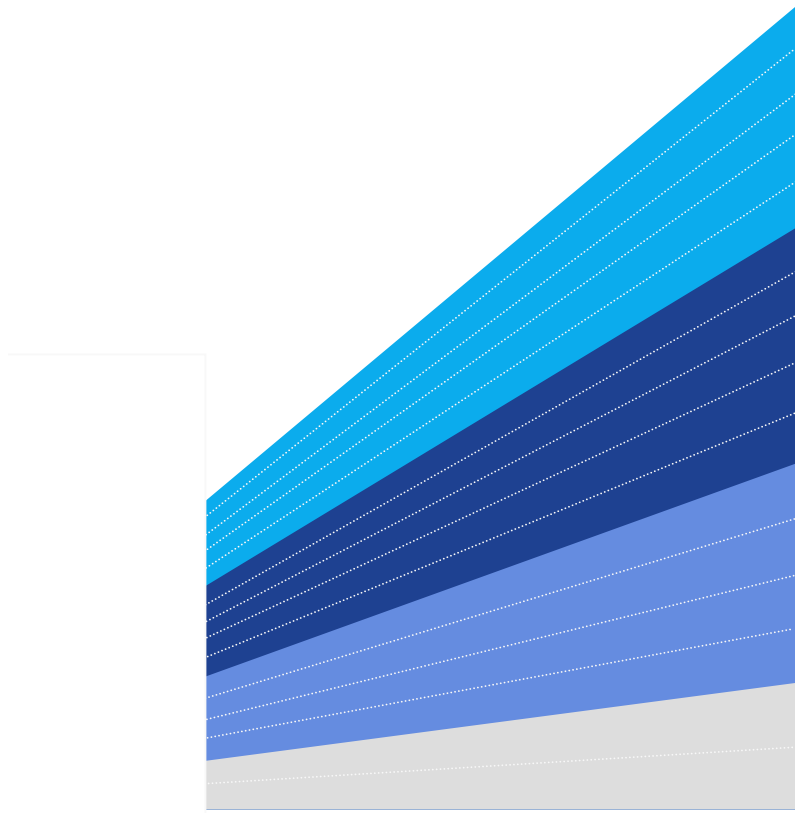
16 potential wedges

(5) Efficiency

(5) Decarbonization of Power

(4) Decarbonization of Fuels

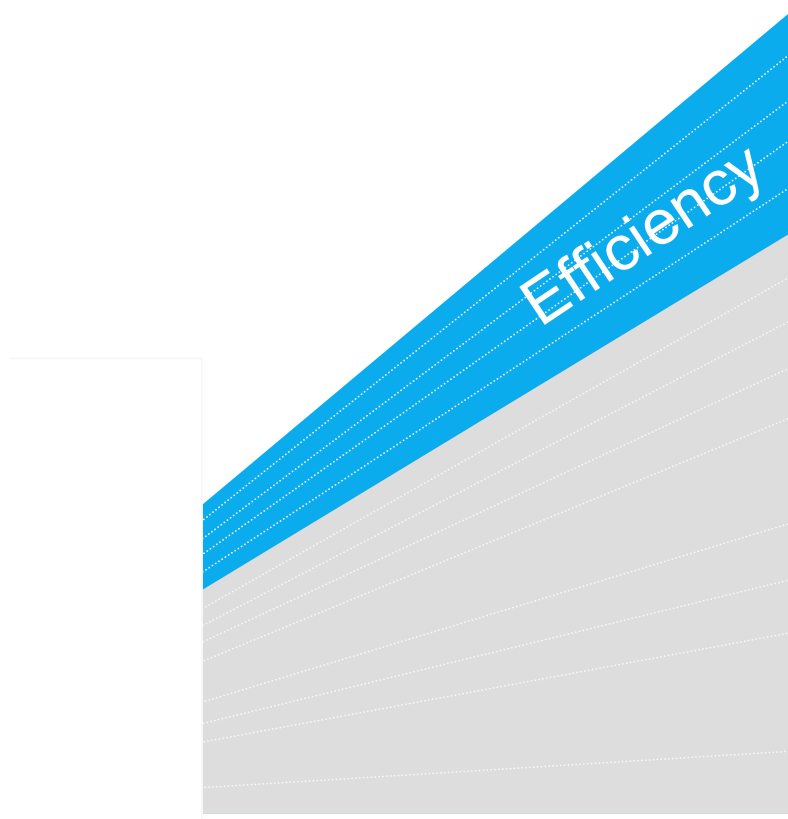
(2) Forests & Agriculture



Wedge=emissions reduction of 1 Gt C/yr by 2055

GE Technology Solutions in 12 of 16 Wedges

Stabilization wedges...efficiency



- Residential Buildings
- Commercial Buildings
- Reduced vehicle use
- Efficient vehicles
- Efficient coal plants

GE solutions...efficiency

Efficient Buildings

–Lighting

CFLs

Fluorescents

LEDs



–ecomagination homes

Appliances

Lighting

Solar

Monitoring



–Water

Treatment

Re-use



Transportation

–Aviation

GENx

GE90

CFM-56 upgrade



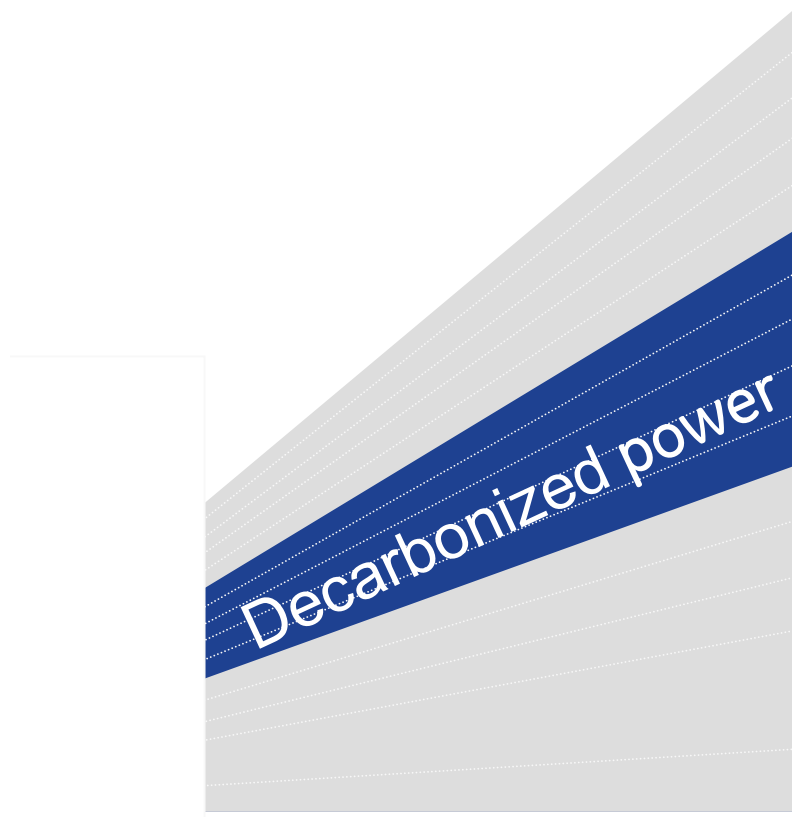
–Rail

EVO locomotive

Hybrid ++



Stabilization wedges...decarbonized power



- Gas
- Wind
- Solar
- Nuclear
- CO2 capture

GE solutions...decarbonized power

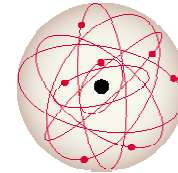
Gas

- LMS100
- 46% η



Nuclear

- ESBWR



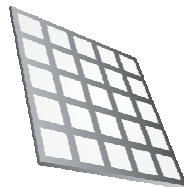
Wind

- 6000 turbines '07-'08
- Financing ~\$1.75B



Solar

- \$20M DOE grant

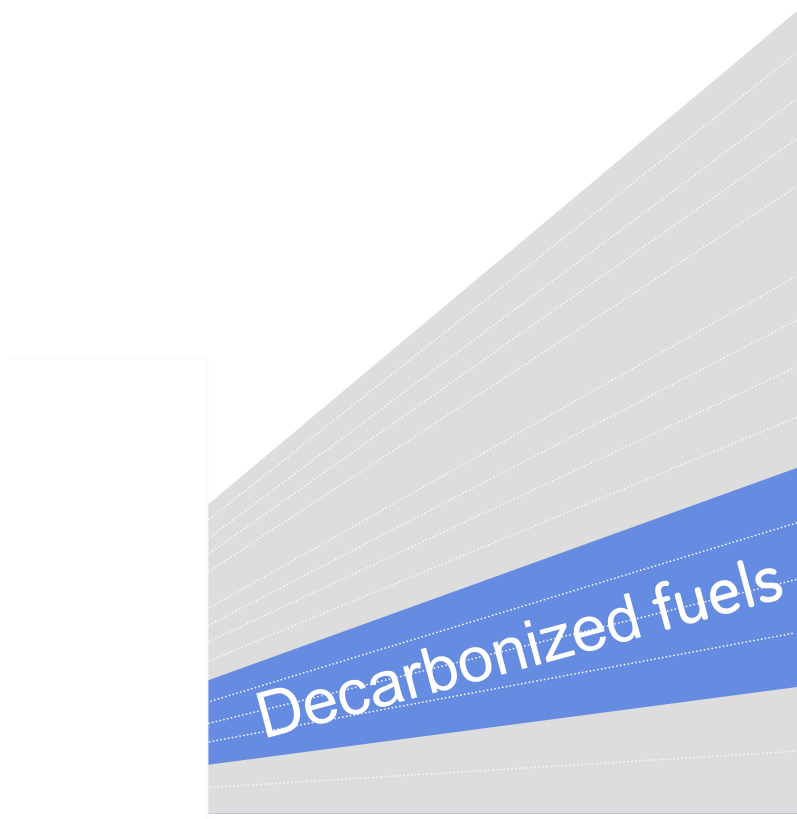


CO₂ Capture

- IGCC

- Gasification leader (~100 plants)
- 1MM hours GT syngas experience

Stabilization wedges...decarbonized fuels



- CO₂ capture at hydrogen plant
- Biomass fuel
- Hydrogen from wind

GE solutions...decarbonized fuels

H₂ with CO₂ capture

– GE-BP Partnership

Process + technical expertise

5-10 projects

Fuel, H₂, electricity, steam,
EOR



Biomass

– Jenbacher engines burning

Biogas

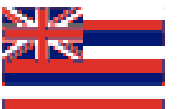
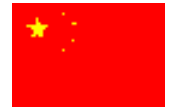
Waste gas

Landfill

Coal methane



Customer collaborations



Wal-Mart

CFL ... promotional blitz

- 100M bulbs

LED ... refrigeration & signage

Solar ... 100 rooftops



CFL



LED



Solar

ecomagination impact for GE

Customers

New collaborations

Products

Technical and commercial innovation

Policy

A seat at the table

Employees

Grass roots support, best talent

Public opinion

Message resonating





imagination at work