### **GE Works**

## Infrastructure Investor Meeting September 27, 2012

#### **Caution Concerning Forward-Looking Statements:**

This document contains "forward-looking statements" – that is, statements related to future, not past, events. In this context, forward-looking statements often address our expected future business and financial performance and financial condition, and often contain words such as "expect," "anticipate," "intend," "plan," "believe," "seek," "see," or "will." Forward-looking statements by their nature address matters that are, to different degrees, uncertain. For us, particular uncertainties that could cause our actual results to be materially different than those expressed in our forward-looking statements include: current economic and financial conditions, including volatility in interest and exchange rates, commodity and equity prices and the value of financial assets; potential market disruptions or other impacts orising in the United States or Europe from developments in the European sovereign debt situation; the impact of conditions in the financial and credit markets on the availability and cost of General Electric Capital Corporation's (GECC) funding and on our ability to reduce GECC's asset levels as planned; the impact of conditions in the housing market and unemployment rates on the level of commercial and consumer credit defaults; changes in Japanese consumer behavior that may affect our estimates of liability for excess interest refund claims (GE Money Japan); pending and future mortgage securitization claims and litigation in connection with WMC, which may affect our estimates of liability, including possible loss estimates; our ability to maintain our current credit rating and the impact on our funding costs and competitive position if we do not do so; the adequacy of our cash flow and earnings and other conditions which may affect our ability to pay our quarterly dividend at the planned level; GECC's ability to pay dividends to GE at the planned level; the level of demand and financial performance of the major industries we serve, including, without limitation, air and rail transportation, energy

"This document may also contain non-GAAP financial information. Management uses this information in its internal analysis of results and believes that this information may be informative to investors in gauging the quality of our financial performance, identifying trends in our results and providing meaningful period-to-period comparisons. For a reconciliation of non-GAAP measures presented in this document, see the accompanying supplemental information posted to the investor relations section of our website at <a href="https://www.ge.com">www.ge.com</a>."

"As previously announced, effective in the fourth quarter of 2012, Energy Infrastructure will be reorganized into three businesses – Power & Water, Energy Management, and Oil & Gas. Information related to these businesses is presented on this new basis and is preliminary and unaudited. Other information has not been revised."

"In this document, "GE" refers to the Industrial businesses of the Company including GECC on an equity basis. "GE (ex. GECC)" and/or "Industrial" refer to GE excluding Financial Services."



### GE Infrastructure Investor Meeting agenda

2:00pm	Introduction	Jeff Immelt, Chairman & CEO, General Electric	
	Aviation	David Joyce, President & CEO, Aviation	
	Oil & Gas	Dan Heintzelman, President & CEO, Oil & Gas	
	Healthcare	John Dineen, President & CEO, Healthcare	
	Energy Management	Dan Janki, President & CEO, Energy Management	
	H&BS	Charlene Begley, President & CEO, Home & Business Solutions	
	Transportation	Lorenzo Simonelli, President & CEO, Transportation	
	Power & Water	Steve Bolze, President & CEO, Power & Water	
	Wrap up	Jeff Immelt, Chairman & CEO, General Electric	









4:00pm Q&A

5:00pm Cocktail reception



### Global environment

#### **Developed**



### U.S.: slow recovery continues

- + Consumer confidence
- + Housing stabilizing
- Fiscal uncertainty



#### **Emerging**

#### Asia: still strong

- + China five-year plan
- +/- Growth moderating but stable
- + Room for policy actions ...
  China stimulus announced



#### **Europe: uncertainty remains**

- + Pockets of growth
- Hard decisions yet to be made
- Long-term impact



### Resource rich: infrastructure build

- + Markets strong for GE
- + Manageable inflation
- Commodity capex slowing

Realistic about environment, but a few positives in our control

- ✓ Much better portfolio + big backlog
- ✓ Early start on cost-out programs
- ✓ Strong growth initiatives ... services & global
- ✓ High level of discretionary cash



### **GE** strategy

#### More valuable portfolio



#### Strategic imperative

Expand services → analytics

Leadership in technology



Valuable Specialty

Finance

Cash

- 3 Invest in growth markets
- 4 Simple + competitive cost structure



#### Value-creating capital allocation



Premier

Infrastructure

company

- ✓ Organic investment
- ✓ Grow dividend
- ✓ Reduce shares
- ✓ Bolt-on acquisitions

#### **Enablers**

- √ Scale ... breadth + depth
- √ Financial strength
- ✓ Embedded relationships/brand
- ✓ Leadership in performance culture



### 2012 operating framework

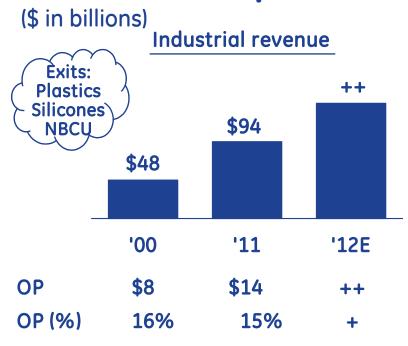
Operating earnings	2012E	2012 drivers
Industrial	++	<ul> <li>✓ Strong global organic growth</li> <li>✓ Energy acquisitions performing</li> <li>✓ Broad-based strength</li> </ul>
GE Capital	++	<ul><li>✓ Improved losses &amp; impairments</li><li>✓ Real Estate improving</li></ul>
Corporate -a)	~Flat	<ul> <li>✓ '11 items: NBCU gain &amp; restructuring</li> <li>✓ Total cost ~\$3B<sup>-a)</sup> in '11 &amp; '12</li> </ul>
Total operating earnings	++	√ ~\$.03 EPS NBCU related gain, offset by restructuring/ other charges in 3Q'12
CFOA – Industrial	\$11-12B	<ul> <li>✓ Industrial CFOA \$12-13B before pension contribution \$0.4B; minimal in '13</li> <li>✓ Total CFOA \$17-19B with GECC dividends</li> </ul>
Total revenues (a- Excluding NBCU pretax gain \$3.78 in 2011	~5%	<ul><li>✓ Industrial organic ~10%, Capital ~(5)%</li><li>✓ NBCU gain '11 impact</li></ul>

#### 3Q update:

- ✓ Substantial gain in 3Q will offset restructuring
- ✓ Positive orders growth ex. Wind
- ✓ Outlook for Industrial organic growth raised to ~10%



### Industrial performance



#### Positioned to sustain double-digit growth

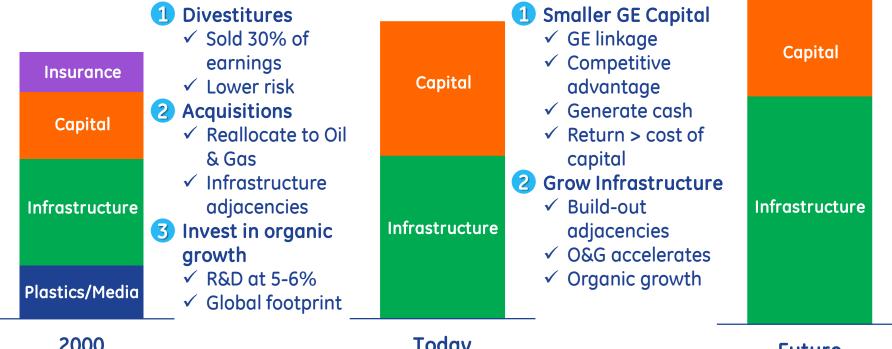
- Big backlog of equipment & services
- + Pipeline of NPI & new service offerings
- + Positioned in growth markets
- + Expanding margins ... momentum into 2013
- Wind dynamics ... ~\$(.03) EPS impact in 2013
- Developed market uncertainty
- Expect double-digit earnings growth in 2013

#### We like our businesses

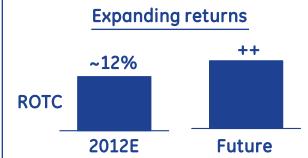
- ✓ Capture growth tailwinds
- ✓ Strong competitive position
- ✓ Multiple scalable platforms
- ✓ Diversified revenue streams
- ✓ Transferable technology + practices
- ✓ Capital efficient



### Portfolio transformation







- Improved GE Capital profile ... earnings & size
- + Solid performance for cash & working capital
- Disciplined investing ... leverage scale
- + Reduce shares ... target below 10B shares



### Improving Infrastructure portfolio

(\$ in billions)

#### Adjacencies (revenue)



#### **Focused intent**

- + New Infrastructure markets (i.e., Oil & Gas)
- + Diversify & leverage core markets (i.e., Life Sciences, Aviation Systems)
- + Add capability (i.e., electrification)

#### **Business building**

- 1 Build on strength in markets we know
- 2 Be the assembler ... focus on pure plays
- 3 Look for business model changes
- 4 Drive organic pipeline
- Maintain financial discipline (\$1-3B)

#### Value creation in Energy



Wood Group Wellstream Lineage Power Dresser Converteam

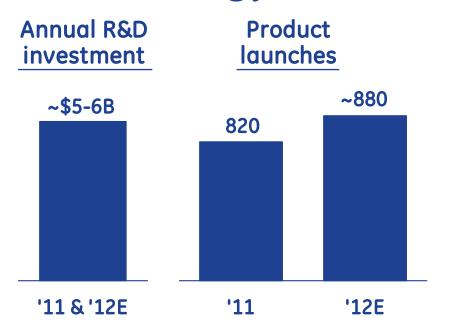
✓ Profit > pro forma✓ Margin +50 bps. ✓ vs. 1H'11

#### **Investment**

- + 70% of revenue is outside U.S.
- + Increase in service and margins
- + Technical and supply chain strength



### Technology leadership



- Investment spend will continue to grow, with R&D/Industrial revenue ~5%
- World-class Global Research Centers driving cross-business synergies
- Software & analytics COE helping to transform services model

Gaining share in big systems More products & more price points **GRC** business launches/organic Acquisition value creation Manufacturing technology

Investments in technology are working



### Winning in growth markets

(\$ in billions)

### International Industrial segment revenue

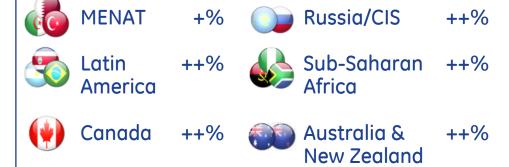


#### GE global strength

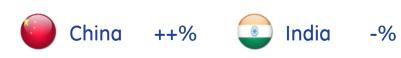
- ✓ Brand ... company-country relationship
- ✓ Local partnerships with best players
- ✓ Scale ... supply chain + backrooms
- ✓ Global R&D ... right products for markets
- ✓ Financing & risk management



## Growth regions Resource rich



#### **Rising Asia**





- 1) Sustain China growth + capability
- 2) Localize and win in resource rich

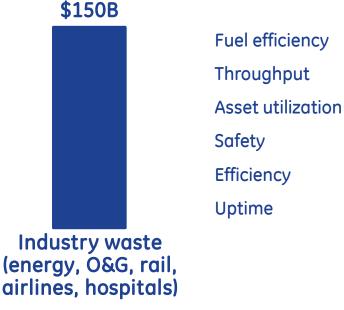
### Accelerating services growth

(\$ in billions)

#### **Business momentum continues**



#### **Driving customer value**



#### "Service 2.0"

- 1 Lead in materials and analytics
- 2 Big pipeline of upgrades
- 3 Intelligent assets → performance enhancement (sensors + controls)
- 4 Structured analytical offerings
- More value in CSA (customer + GE)
- 6 Incremental software sales



### Enterprise relationships



#### Global accounts

- ✓ Collaboration across the value chain
  - + Technology development
  - + Alternative energy
  - + Multi-year upstream gas turbine agreement





#### Company-to-country

- ✓ Partnership with Ministry of Health ... 2X Healthcare revenue
- ✓ Local manufacturing & development
- ✓ Energy partnership





Solving tough problems together

#### Industry verticals

Opportunity to double revenue





- ✓ Joint technology development
- ✓ Calgary innovation center

#### Oil & Gas

#### **Power & Water**

- ✓ CNG vehicle infrastructure
- ✓ Membranes, evaporators

✓ Distributed power

✓ Artificial lift ... enhanced recovery



#### Demonstrating the breadth of GE



#### **Enterprise selling**



- Delivering results in Healthcare
  - + \$1B+ in enterprise deals
  - + Capitalizes on GE breadth
  - + Win-win customer & GE



**Imaging** 

#### **Operations optimization**

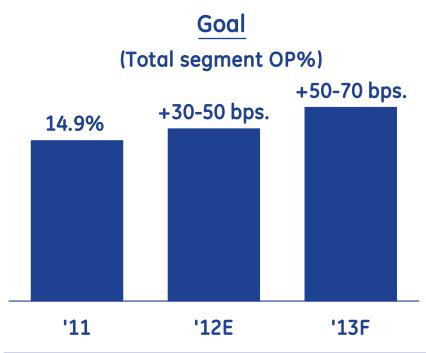








### Margin expansion



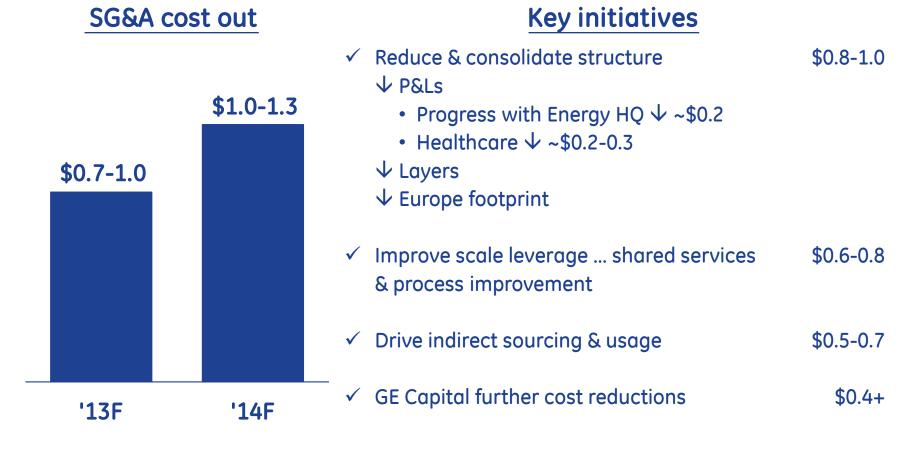
Drivers	<u>'11</u>	<u>'12E</u>
Equipment/service mix	+	_
Value gap	-	+
Cost productivity	-	+
Service margins	+	+

Hitting 100 bps. by '13		
	<u>'13F</u>	
Mix: equipment/service	+	
Value gap  ✓ Deflation 1.5% DM + 3% indirects ✓ Price stability in Energy; increase in Aviation, O&G & services	+	
Product cost  ✓ Momentum in Healthcare & Aviation; best practices	+	
Simplification  ✓ \$0.7-1.0B cost out in SG&A	+	
Service margins  ✓ Progress continues improved analytics	+	



### Simplification

(\$ in billions)



\$2B+ cost reduction through 2014 ... without impacting growth engine



### Supply chain excellence

#### **Disruptive cost workouts (Evolution Series)**



- ✓ Deep dives on 7 sub-systems
- √ ~\$50MM annual savings
- PowerHaul & C-Series next

#### Accelerated learning curve (GEnx)



- √ GE's fastest wide-body ramp
- ✓ Expansive supply chain
- $\checkmark$  Cost  $\checkmark$  30% in first 2 years

#### Lean manufacturing (Greenville)



- ✓ Leveraging scale & expertise
- ✓ Cycle & lead time reduction
- ✓ Continuous process improvement

#### **Mission One (Appliances)**



- ✓ Integrated development team
- $\checkmark$  Production & assembly time  $\checkmark$
- ✓ Cycle time ↓



Dammam, KSA

#### Localization (services)

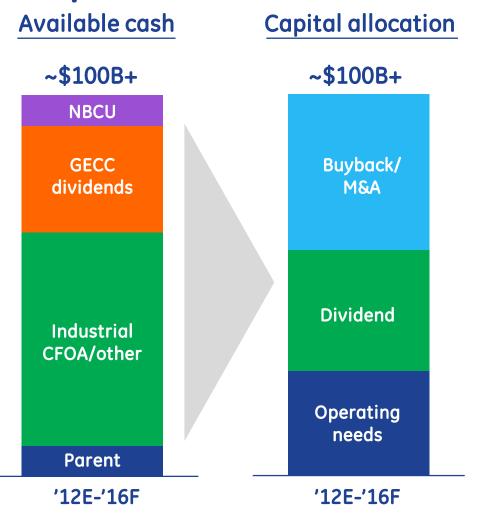
- ✓ Access to growth markets
- ✓ Multi-modal facilities
- ✓ Increased customer responsiveness



Luanda, Angola



### Capital allocation



#### **Principles + priorities**

- 1 Organic investment in Industrial profit growth
- 2 Grow dividends in line with earnings
- 3 Use special GE Capital dividends to reduce shares ... GE shares to below 10B
- 4 M&A deals between \$1-3B ... focus on infrastructure adjacencies
- 5 Continue to reduce size of GE Capital and diversify funding

Capital allocation creates shareholder value



### Our businesses

imagination at work

Business/'11 revenue	Today		Future
Power & Water: \$26B	Leadership franchise investing in more & better products & services in more markets; preparing for gas conversion	+	Will succeed in "inevitable" gas turbine market growth
Aviation: \$19B	Generational wins in engine platforms; significant opportunity to expand adjacencies		Execution supply chain & service Broader footprint \$10B+ adjacency (mainly organic)
Healthcare: \$18B	Diagnostic leader positioning for changing market; momentum in growth markets & adjacencies	+	Long-term winner in industry going through change; bigger presence in services; #1 in growth markets
Oil & Gas: \$14B	Leading equipment & service provider in high-growth industry		Clear technical & service leadership Bigger footprint with global accounts
H&BS: \$8B	Stronger product offerings	+	Positioned for earnings expansion as housing improves
Energy Management: \$6B	Attractive business segments with significant growth + margin opportunity; builds critical GE capability	+	Massive room for improved position; become a meaningful competitor
Transportation:	Leadership franchise growing in new geographies & adjacencies	+	Win big in global markets; incremental growth in services & mining

### Presentation

- ✓ Market & GE positioning
- ✓ Strategic execution
  - Technology
  - Global growth
  - Service & analytics
  - Adjacencies
  - Margins
- ✓ Outlook & drivers



# Aviation



### GE Aviation portfolio ... \$19B











Largest provider of jet engines in the world

- → 40,000 employees
- → 83 sites globally



### **Environment**

#### Market drivers



#### Selected competitors









#### Strategic imperatives

- ✓ Win with the next generation of competitive platforms
- ✓ Execute margin growth in supply chain
- Expand adjacencies ... Systems and Business & General Aviation
- ✓ Grow aftermarket through installed base & new service value
- ✓ Position for change in military investment
- ✓ Win in key growth markets



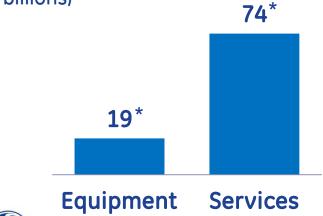
### GE Aviation today ... commercial

#### Commercial fleet in service

(# of GE & JV engines)



2Q'12 commercial backlog (\$ billions)





Powering the world's regional fleet ... 85M flight hours, 7,400 delivered



Powering the world's single aisles ... 590M flight hours, 22,000 delivered



Best selling wide-body engine ever ... 362M flight hours, 7,000 delivered



Most successful large twin in history ... 32M flight hours, 1,500 delivered



Fastest selling wide-body engine ... 1,050 on order



GEnx ... most advanced engine in service



15%
LOWER
fuel consumption\*



"... engine overall is perfect, powerful and good response"

- Japan Airlines Captain

"Engines are very good. No problems. Burned **2 tons** below plan"

- Cathay Flight Crew Captain





# LEAP ... positioned for 9,000+ aircraft opportunity



15%
LOWER
fuel consumption\*



**COMAC C919** 

330 aircraft announced
13 customers



Boeing 737 MAX 1,100+ AC announced 15 launch customers **Dual source** 



Airbus A320neo

596 LEAP aircraft to date 51% of announced wins

### Leveraging technology investment



**GEnx:** engines/flight hours

~1,000/14MM

~1,600/30MM

LEAP: engines/flight hours

~4,000/30MM

#### **Enabling** ...

- ✓ Engineering productivity 10%+
- ✓ Manufacturing technology readiness
- ✓ Supply chain efficiencies

### Annual investment (including customer funded)



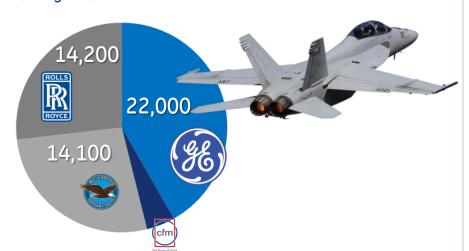
Delivering for GE and the customer



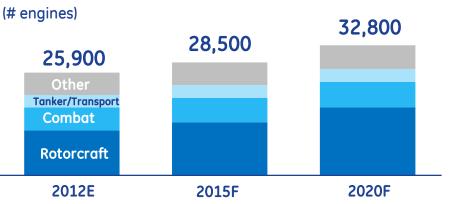
### Military ... positioned for realities

#### 2011 military installed fleet

(# engines)



#### **GE in-service fleet**



#### GE imperatives ... diversify portfolio

- Upgrades as cost-effective alternatives
- International sales to sustain production
- Marine growth ... military and commercial
- Science and technology readiness for NextGen

#### Sequestration

#### **Least impacted**

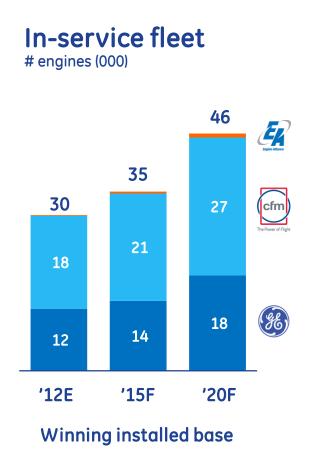
- ✓ Army helicopters
- ✓ Navy aircraft
- ✓ Science & technology programs

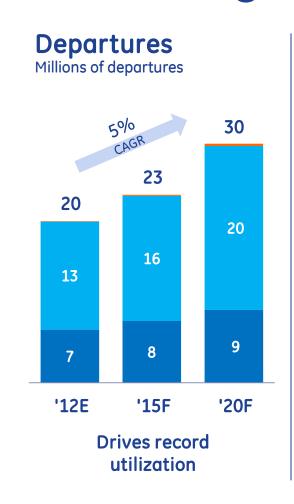


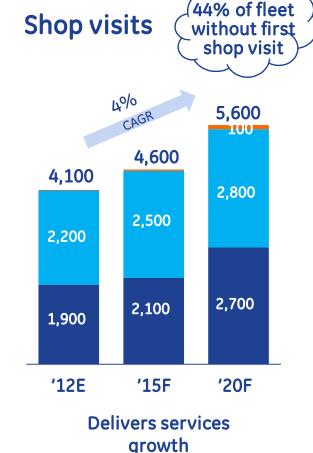




### Positioned for services growth









**Expect double-digit growth** 

### Driving productivity through analytics

#### Fuel & carbon/ Austin Digital



- Flight operations data analysis
- Operations insights for fuel savings

Improving **productivity** of our customers assets

1% fuel burn reduction<sup>-a)</sup> = \$10MM savings

#### **IVHM**

Integrated Vehicle Health Management



 Advanced prognostics & enterprise integration

Improving utilization of our customers airplanes

1 hour increase in aircraft
utilization per day
= \$100MM+ annual benefit-c)

#### Digital workscope



Optimize time on-wing

Improving **service** of our engines

5% annual productivity = \$50MM cost savings per year

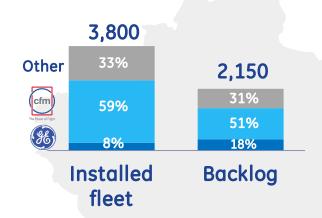
Our competitive advantage ... over **25,000**<sup>-b)</sup> engines monitored ... and growing

- Fuel efficiency
- Asset utilization
- Operations efficiency



### Winning in China

#### Strong installed base and backlog



GE-AVIC joint venture operational 10'12



Fully integrated, open architecture commercial avionics and services



#### **Growing Business & General Aviation**

- Power indigenous and imported aircraft
- Expand AVIC with BGA engines and systems

	OEM	Program	Product
<b>√</b>	Hongdu	N5B	M601



Adjacency growth ... business & general aviation

Turboprops



H80 Family

Light jets



**GE Honda** 

Mid-size jets



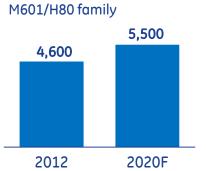
Systems focus

Large cabin



Passport 20

**Engines in service** 



500 2012 2020F



Passport/CF34/CFM56
2,000

1,200

2012
2020F

\$10B+ opportunity over 10 years



### Systems growth ... \$17B commitments

#### **Avionics**



#### Invest

- Next-gen avionics
- Integrated Vehicle Health Management
- Digital data services

#### **Mechanical**



#### Invest

- Integrated propulsion systems
- Integrated turboprop system

#### Power





#### Invest

- SiC electrical power components
- Advanced generation

#### Unison



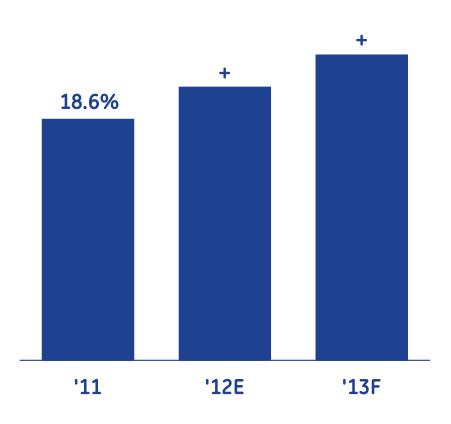


#### Invest

- Ignition systems
- Adjacent markets



### **Driving margin**



#### **Key drivers**

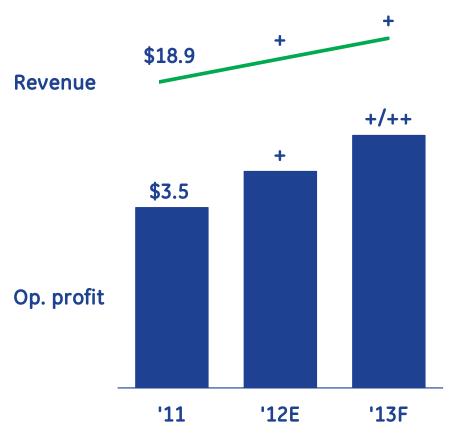
- √ Simplification
  - Strategic divestitures
  - Global shared services entitlement
- √ Value gap
  - Price realization with new technology
  - Deflation ... 2X in low-cost countries
- ✓ Product cost
  - GEnx learning curve
  - Supply chain productivity ↑
- ✓ Service margins
  - Growth through installed base & analytics

Driving cost out with technology



### **Aviation outlook**

(\$ in billions)



#### Summary

- ✓ Industry fundamentals remain strong
- ✓ Strategic execution
  - Next-gen technology leadership ...
     execute on new engine launches
  - Double-digit services growth
  - Expanding global customer base
  - Simplification efforts to drive margin expansion > 50 bps.
  - Profitable expansion beyond the engine

A great GE business



# Oil & Gas



### **GE Oil & Gas foundation**

(Orders in \$ billions)

~35,000 employees in 100+ countries delivering advanced technology & aftermarket services





- Well support Pressure control
- Electrical submersible **pumps**
- Logging services

























1997

Developed

a **service** model

2004 Expanded in inspection technologies

2008 Entered the drilling & production segment

Invested ~\$11B since 2007 to position for future growth



1994

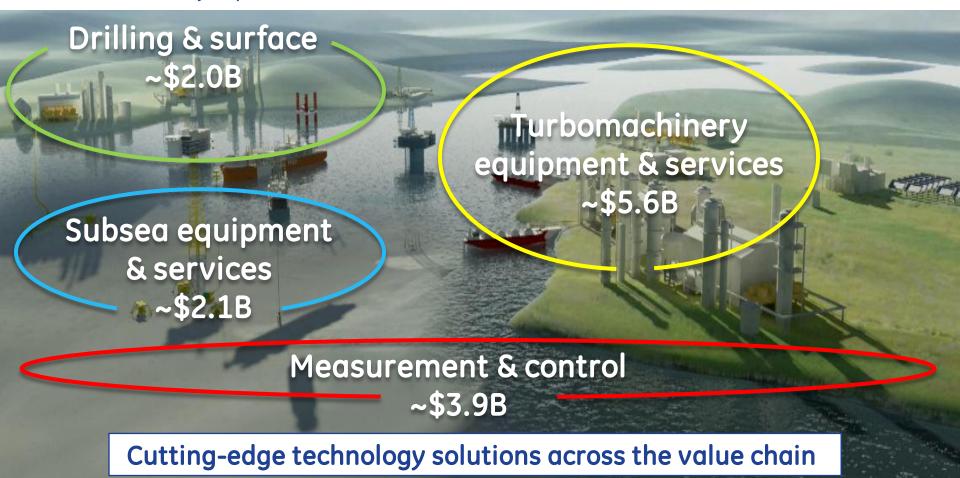
A turbomachinery

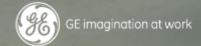
company

# GE Oil & Gas benefits from growth across the sector

Industry capex '12-'15: ~\$3T

GE Oil & Gas revenue '11: \$14B





## **Environment**

#### Industry environment



of **new production** capacity needed by 2020



in **capex per barrel** of new capacity '08-'16

## Selected competitors













of **pipelines** > 25 years old



of IOC employees aged 45+

#### Strategic imperatives

- ✓ Lead in technology with global accounts
- ✓ Unconventionals ... unlocking potential
- ✓ Subsea ... leading growth with technology
- ✓ Industrial Internet ... data and software enabling value
- ✓ Turbomachinery ... advancing technology
- ✓ Services ... lifecycle reliability and efficiency



11% growth

in **unconventionals** industry spend '12-'15

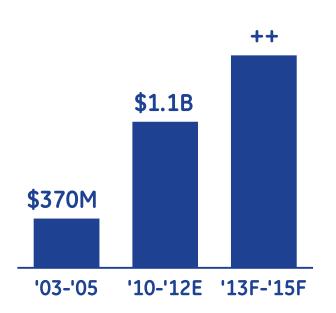


in **Subsea** industry spend '12-'15



## Our differentiation through technology

#### **Technology spend**



- ✓ Invest 3-4% of revenue
- ✓ Capitalize on Energy + Aviation+ Healthcare technology

#### Developing breakthrough technologies

1<sup>st</sup> subsea compressor ... Statoil
Validated a 12MW subsea compressor for Ormen Lange



1<sup>st</sup> high pressure CO<sub>2</sub> pump ... Petrobras Installed a 560 bar CO<sub>2</sub> pump for enhanced oil recovery, highest pressure ever



1<sup>st</sup> drilling mud lift pump
Innovative product enabling to reach deeper reservoir



**Deepwater BOP Blind Shear Rams**Cuts & seals industry leader, patent-pending technology



Subsea digital inspection

Developing with customers monitoring tools for corrosion inspection



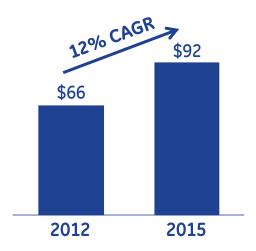
Investing to bring GE technology to the O&G industry



## Winning in Subsea

#### Subsea industry spend

(in \$ billions)



#### Tree awards

- 1H'12 ~280 ... 2X 1H'11
- GE ~30% share

#### Flexible Pipe awards

- FPSO backlog at 2008 levels
- 2X growth in flexibles '12-'15

#### Global execution

- 1 Raising industry standards
  - Supply chain ... ↑ on-time delivery
  - Project management and planning
  - Delivering to quoted margins



- Structured next-gen equipment
- Power & processing ... power conversion
- 3 Expanding services capabilities
  - Localization in Brazil and Angola
  - Reliable intervention solutions
  - Frame agreements with end-users







## Unconventional fuels

Industry spend on North **American unconventionals** 

(in \$ billions)



#### Tomorrow's growth



• Early exploration phase



• Policy & infrastructure to come

**Argentina** 

Three ways to win ...

1 North American LNG Exports 2-3 projects likely to move forward Further projects dependent on policy and gas pricing





Enhance upstream production Wellheads and flow control

customer spend 13-15



Enable new sources of demand

Integrated power and artificial lift



CNG in a Box



new potential opportunities '13-'15



Micro LNG



# Injecting GE technology into acquisitions ... artificial lift

## Industry spend on artificial lift (in \$ billions) 12% CAGR \$10 2012 2015





## **BOP** differentiation

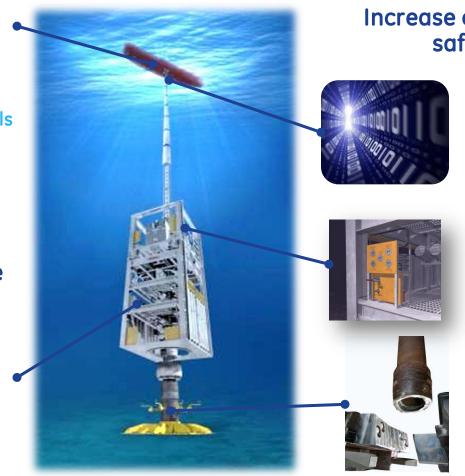
Reach industry highest BOP system reliability



Develop deeper and more challenging reservoirs



Max Lift dual gradient mud pump



Increase operating safety

Remote monitoring and diagnostics

Early kick detection

Unmatched shearing capabilities

Developing deeper reservoirs with safer & more reliable BOP systems



## Global growth ... localization & capability



#### Russia

Partnering to develop local manufacturing capabilities

\$69B

1,100

Industry spend ~100

Customers visiting Moscow application center

people

\$33B

## South East

Asia

Industry spend \$180M

investment

~600



#### people



#### **Brazil**

Investing in research & manufacturing capabilities \$27B

Industry spend

\$400M+

planned investment

~2,000

people

Sub-Saharan

#### Africa

Investing to expand Subsea manufacturing capabilities Industry spend

**\$44B** 

\$300M+

planned investment

**~650** people

#### **Australia**

Supporting development of the world's largest LNG exporter by 2020



\$31E

Industry spend

\$80M+

investment

~400 people

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## Services + software



Installed base & data acquisition ... the foundation





Experience & insight ... industry expertise





Connectivity & big data ... software & analytics

## After market services & installed base

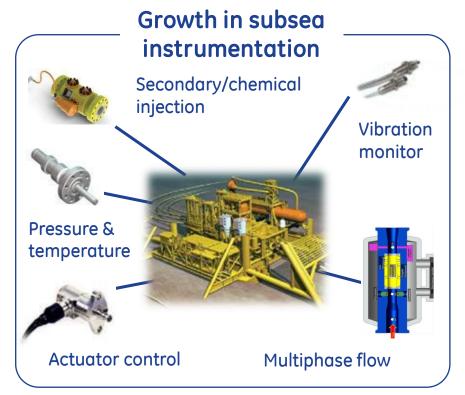
- 100,000+ machinery control & protection systems
- **10,000**+ compressors
- **5,000** turbines
- 1,200 subsea systems
- 7,000 engineers
- Deep OEM domain knowledge & service expertise
- Integrated software architecture

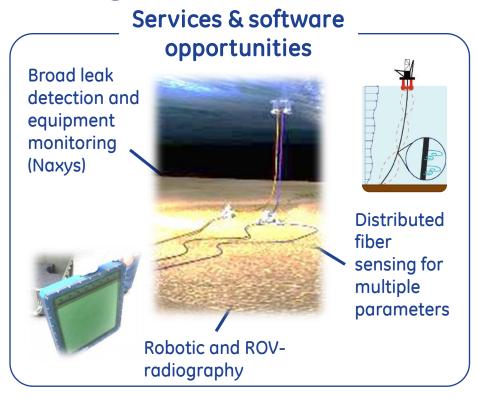


Applying GE services experience to the total portfolio



## Analytics & asset management





#### Value to customers ... portfolio and solutions integration

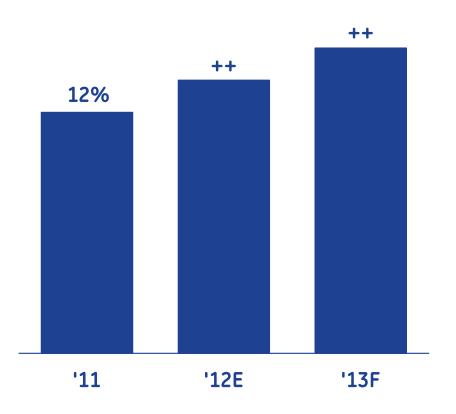
Recent acquisitions



- ✓ Reservoir production & integrity surveillance
- ✓ Flow assurance & integrity
- ✓ Potential to expand geographically and into adjacencies



## **Driving margin**



#### **Key drivers**

- √ Simplification
  - Optimizing cost structure
  - Product & regional alignment
- √ Value gap
  - Utilize GE supply base
  - Technology-driven value pricing
- ✓ Product cost
  - Globalized supply chain
  - Invest in cost-out design programs
- ✓ Services margin
  - Grow organic penetration
  - Bring model to acquisitions

Strong execution ... positive margin trend



## Oil & Gas outlook

(\$ in billions)



#### <u>Summary</u>

- ✓ High-growth segment
- ✓ Strategic execution
  - Technology leader ... solving industry challenges
  - Expanding installed base & service revenues
  - Well-positioned in resource rich and emerging economies
  - High service mix & products with higher margins
  - Continued growth in strong sectors

Invested for double-digit growth in '12 & beyond



## Healthcare



## \$18B broad technology portfolio

## Diagnostic & clinical equipment



Diagnostic imaging



Clinical products



Molecular imaging



## Information tech. and services



Clinical and administrative



Departmentals



Connectivity & knowledge solutions



Equipment service solutions

\$6.1B

#### Molecular medicine



**Bio-process** 



Protein & cell sciences



Contrast media/PET tracers



Molecular pathology

\$3.7B

Leading healthcare solutions provider



## **Environment**

#### Market environment

#### Consumer demographics driving demand up

Aging, obesity & complex chronic diseases

## Multi-speed world ... with premium and value demands

- U.S./EU slow, but IB needs technology upgrade
- · Emerging markets in multi-year build-out

## Technology-driven, highly-regulated markets with limited protectionism

Healthcare domain key to play

#### Providers driving for efficiency & quality

Profitability pressures driving quality and workflow focus

#### Precision medicine becoming mainstream

Molecular diagnostics & therapies expanding

#### Selected competitors

Equipment

IT & services

Molecular medicine

**SIEMENS** 





**PHILIPS** 











#### Strategic imperatives

- Leading product portfolios with clinical & economic relevance
- Invest in emerging market footprint
- Drive software enabled service growth
- Broaden molecular medicine portfolio

Overall trends favorable ... demands shifting dynamically



## Technology = competitive advantage

#### Leader in ultrasound









Hdlive™

- Vscan<sup>™</sup> expanding users in primary care & rural segments
- LOGIQ<sup>™</sup> E9: technological edge reflecting customer needs
- HDlive: medical 4D photo ... leadership in women's health

#### Leading in molecular imaging







Ventri™

Discovery™ PET/CT610

FASTlab™

- Ventri™: compact cardiology device w/ optimized ergonomics
- 610 MotionFree addresses clinical challenges of motion
- FASTlab™ delivers efficiency & economy in tracer production

#### Achieved global leadership in CT







Optima™ CT660 Brivo™ CT325

Discovery™ CT750 HD FREEdom

- 325: developed/made in China for global value segment
- 660: offering affordable performance in mid-tier
- 750: "lower dose by design" ... leadership with ASiR/Veo™

#### Closing the gap in MR







Discovery™ MR750w



InSightec™ **MRgFUS** 

- 430s: specialty MSK system, enhanced patient experience
- 750: exceptional speed, resolution and coverage
- MRgFUS provides non-invasive, non-ionizing treatment

Winning with technology



## Hardware + wetware + software

## Optimize radiation & contrast dose

## Integrated breast cancer workflow

## Improve quality in AD Dx & monitoring

#### Hardware



Discovery™ CT750 HD



Senographe™ Essential



Discovery™ PET/CT600

#### Wetware



Omnipaque™/Visipaque™



Clarient Mammostrat™



**Flutemetamol** 

#### **Software**



ASiR/Veo™



DoseWatch™



Mammography workstation



NeuroMarQ

#### Connecting portfolio to deliver complete solutions

## Geographical diversity

(\$ in billions)





- Expect slow growth in developed markets
  - Aligned sales force to win with the winning customers
  - Focus on cross selling & solutions
  - Rightsizing enabling functions
- Emerging markets continue to show strength
  - Expand coverage
  - More locally developed products ... increased price points
  - Opportunity to partner with governments

Leadership in emerging markets key driver of growth



## Winning in emerging markets

#### Investing in local footprint

	<u>'09</u>	<u>'12E</u>	CAGR
Headcount	9,500	14,500	15%
Engineers	1,700	2,800	18%
Mfg. plants	12	16	10%
ICFC products	3	17	78%



#### Delivering growth





• Local capabilities on par w/ U.S. & EU

Global COE for value products







Select localization in key regions





#### Solid path to growth

- Expand coverage & service
- Mfg. localization in Brazil







Introducing disruptive NPI

- Private driven ... low govt. funding
- Local R&D teams drive innovation





#### Accelerate growth in strong market

- Countries investing in HC systems
- Expand coverage & svc. capability

\$4.5B business growing 20%



Manufacturing/engineering

## Services + software + analytics

#### Services + IT



'11

#### Key growth drivers:

- Strong customer relationships globally
- Powerful analytics focused on productivity and safety
- Expanding Performance Solutions team
- ✓ Increasing emphasis on customer cost, workflow & quality

#### **Proof points**



**DoseWatch™:** measure and optimize dose

- Antwerp University Hospital: 41% dose reduction
- Proactive dose management ... educate, plan, replace, optimize
- Launch events at NSLIJ, Intermountain, Advocate





AgileTrac™: analytics enabling safe & efficient ops.
Mount Sinai Hospital: safely increase patient





Caradigm™: data-backed clinical decision support

throughput ... Surgery +41%, Emergency +11%

- New York-Presbyterian: 15% CHF readmission reduction driving \$1.5MM of annual savings
- Increase adherence to protocols
- Improved patient outcomes & decreased cost

Strong customer engagement driving growth



## Life Sciences



Bioprocess production facility

#### Investing along the value chain

#### **Grow cells**

Cell culture Cell and media



#### **Extract protein**

**Filtration** membranes and systems





#### **Purify them**

Chromatography media & systems















#### GE used in 90% of MAb therapies



#### Major customers







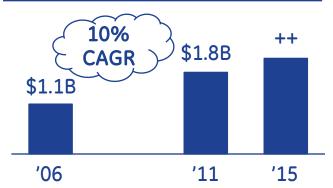








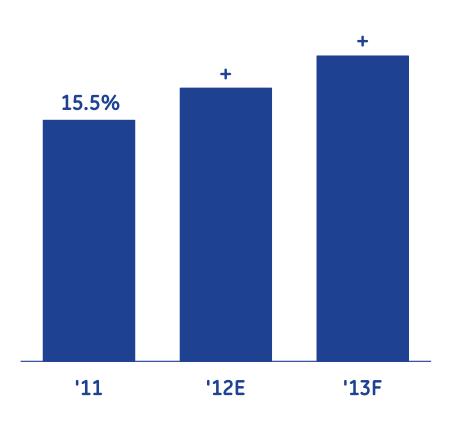
#### Life Sciences sales growth



Leading in a valuable industry



## **Driving margin**



#### **Key drivers**

- √ Simplification
  - P&L consolidation ... 8 HCS P&Ls to 6
  - Exit low-margin, non-core products
- √ Value gap
  - Dedicated focus on variable cost out
  - Optimizing global supply chain footprint
- ✓ Product cost
  - Launch NPIs with lower cost positions
  - Accelerate best-cost-country plays
- √ Services margins
  - Grow value-added SW enabled offerings
  - Increase VCP through material cost improvement and footprint reduction

Achieve margin accretion through VCP & simplification



## Healthcare outlook

(\$ in billions)



#### **Summary**

healthymagination™ - technologies that address today's healthcare challenges

- ✓ Strategic execution
  - Developing products with clinical & economic relevance
  - Adding software enabled growth platforms
  - Investing in emerging market footprint
  - Reducing costs through simplification
  - Investing to broaden molecular medicine portfolio

Leading healthcare solutions provider



# Energy Management



## **Business overview**

(\$ in billions)











2012E orders

\$2.1

**Power** 

Oil & gas

\$0.7

Marine

\$0.7

**Industrial** 

\$2.2

Technology & commercial

\$1.8

#### Electrical products, solutions and services







Grid automation



Distribution & protection



Power conversion



Critical power

**GE** electrification business



## **Environment**

\$150B+ annual growth

Power 6%
Oil & Gas 12%

Marine 6%
Industrial 8%

Technology & 6%
commercial

#### Market segment

#### Long-term growth drivers

- ✓ Oil and gas demand
- ✓ Global data processing boom
- Renewable and distributed generation growth
- ✓ Aging infrastructure

#### **Selected competitors**











#### Strategic imperatives

- Grow Power Conversion
- Build a global T&D business
- 3 Improve cost competitiveness
- Grow services business
- 5 Add value to GE market presence



## Power Conversion update





- ✓ Integration on track
- ✓ On pro forma ... synergy outlook better than expected

#### **Growth & operational focus**

- Vertical and global build out
- 2 Product and technology leadership
- 3 Strengthen operational execution
- 4 GE connections ... buy and sell
- 5 Expand services business

Great fit ... a game changer for GE



## Growing a global Marine business \$12B served market segment growing at 6%

#### Merchant



Electrical propulsion
Efficient electric
solutions with optimized
cargo capability

#### Offshore



Broad portfolio

High operational efficiency and availability

#### Naval



Differentiated technology
Integrated low-noise
full-electric solutions

#### Capability

- ✓ Integrated electrical solutions
- ✓ Automation and dynamic positioning
- √ Global services provider

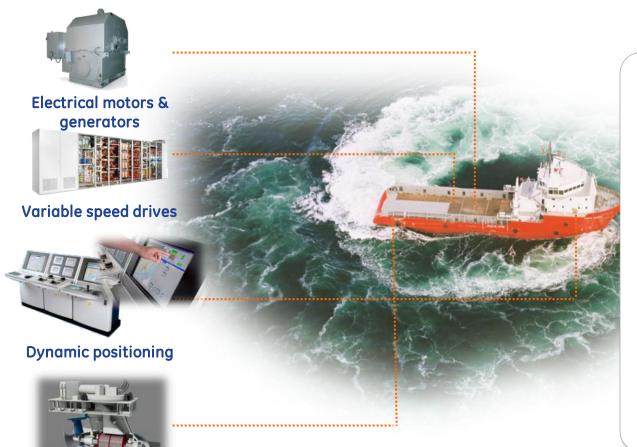
# Recent wins \$ millions \$ millions \$ 46 SWIRE PACIFIC EISA Offshore - Swire \$ 37 Naval - Mars fleet \$ 22 A HYUNDAI Merchant - Dynacom \$ 21

World-class marine partner



## Delivering efficiency and reliability

Offshore offering





#### **Customer benefits**

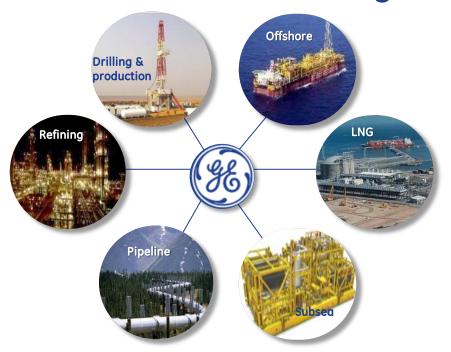
- Efficient electric system ...
   operating cost ↓ 10-20%
- High accuracy control for enhanced ship positioning
- Podded propulsion ...
   ↑ 10% efficiency gain
- Integrated system ... significant risk reduction

**Inovelis POD** 

Leading product and service capability



## Building an electrical oil and gas business \$8B served market segment growing at 12%



#### **Market dynamics**

- Offshore growth ... going deeper
- LNG strong ... eLNG on the rise
- U.S. shale gas opportunities

#### **GE** connection

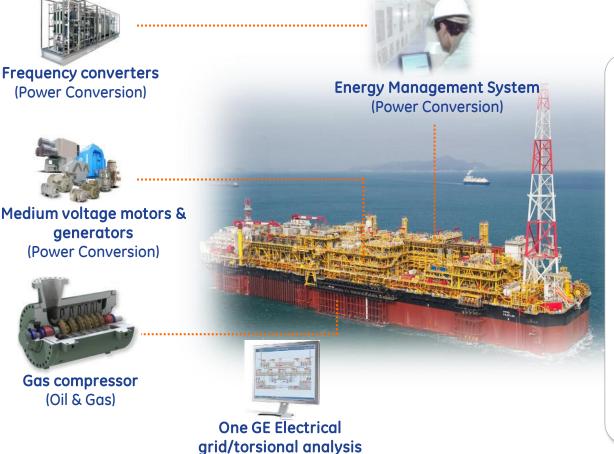
- ✓ Commercial
- ✓ Product development
- ✓ Project execution
- ✓ Services

Recent wins —			
INPEX INPEX CORPORATION	Offshore - Ichtys	\$MM \$26	
PETRONAS	LNG - Petronas	\$8	
TOTAL	Subsea - Giri	\$6	
Williams. PIPELINE PARTNERS LP	Pipeline - CH12	\$6	

Driving global electrical technology leadership



# Oil and gas Electrical and mechanical integration





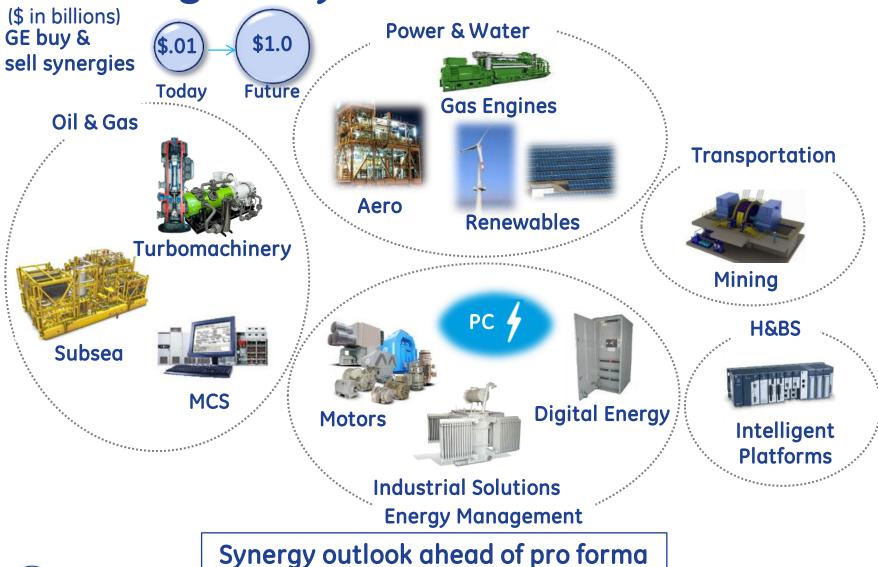
#### **Customer benefits**

- Higher efficiency (↑ 2 pts.) ... full shaft line optimization
- Compactness: ↓ 15% weight and footprint
- Flexibility with variable speed drive ... less power installed
- Reduced exhaust emissions

Complete system approach to customer value



## Creating GE system value





## Focused global T&D business



Today ...

grid automation business





Optimization, protection and control



- Automated substation
- Protection, control and monitoring



- Diagnostics and visualization
- Detection and restoration



 Metering, asset monitoring and protection





- Grid automation provider
- Strong position in America and Europe





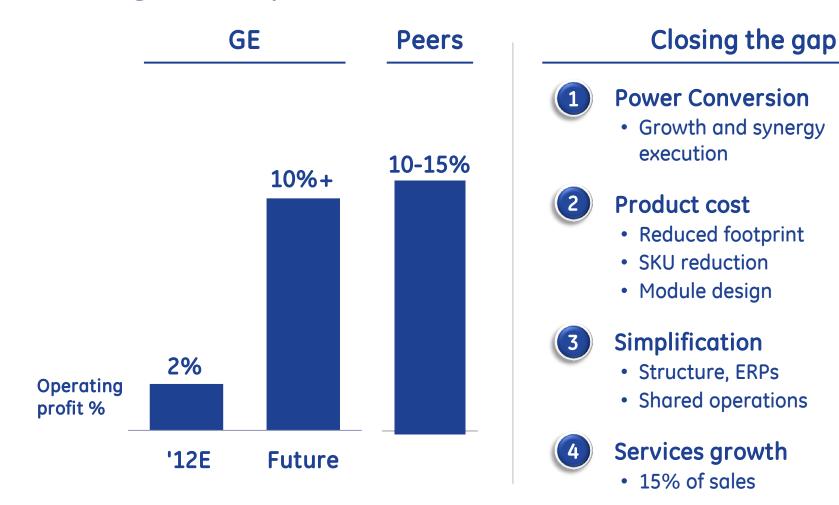
- High voltage primary equipment provider
- Big player in China
- GE to distribute XD primary equipment and pull through grid automation
- Automation JV in China for China XD: 59%, GE: 41%
- 3 Equity investment XD: 85%, GE: 15%



Integrated grid solutions ... generation to consumption

GE Infrastructure Investor Meeting 09-27-12 68

## Margin improvement



Roadmap to 10%+ profitability



~2%

~2%

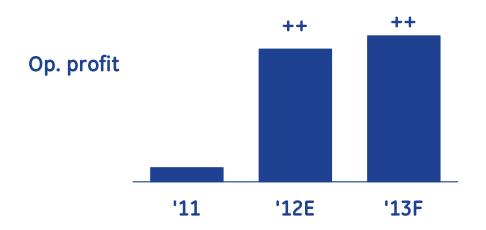
~2%

~2%

## Energy Management outlook

(\$ in billions)





#### Summary

- ✓ Attractive markets ... strong longterm fundamentals
- ✓ Strategic execution
  - Grow Power Conversion
  - Build a global T&D business
  - Improve cost competitiveness
  - Grow services business
  - Add value to GE market presence

Building a competitive electrical franchise

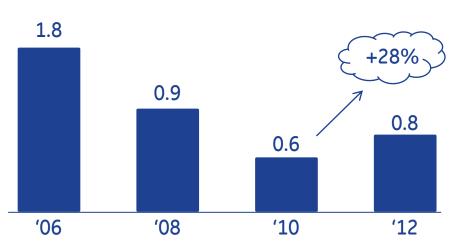


# H&BS

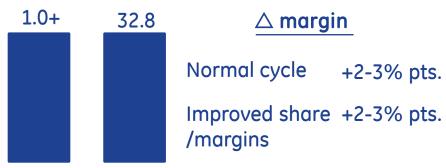


## **H&BS** environment





#### Value of a normal cycle



Housing Core retail starts units



#### **Strategic imperatives**

- ✓ Appliances product transformation ... share gain and higher margins
- ✓ Lighting transition to efficient lamps & LED
- ✓ Sustaining price ahead of inflation
- ✓ Doubling margin rate by 2015
- ✓ Solid cash performance



## Portfolio transformation

- √ \$1B investment to insource manufacturing
  - Growing operating profit % 2x by '15
- ✓ Focused on producing differentiated products
  - Industry-first features and performance
  - Drive share growth with consumer driven demand
- ✓ Lean manufacturing ... production, prep, process
  - Focus on optimizing hours per unit
  - Quality and enhance GE brand
- ✓ GE Works ... investing in U.S. manufacturing
  - Established design & manufacturing COEs

### 2012-2013 product launches

**Hybrid** water **Bottom** heater freezer







Top-load

Mar. '12 ✓

May '12 ✓

Sep. '12 ✓

Oct. '12

**Stainless** dishwasher



April'13

Front load washer/dryer



April'13

Wall oven



**July '13** 

Delivering +1 pt. share gain & margin increase in '12 with leadership products ... enter next cycle with share & margin



## Lighting profit drivers

## **Dynamics**

### Incandescent phase out

- 100 watt in 2012, 75 watt in 2013
- 40 & 60 watt scheduled for 2014

### Rare earth inflation

- Up 2,000% since 2010
- Rate of acceleration has stabilized

## **LED** opportunity

- Global market 5x current by 2020
- Shift to systems focus

### Actions

## **Restructuring initiative**

- Supply chain footprint down (30)%
- Right-sizing SG&A functions

### Price increases

- Multiple price actions in 2011 + 2012
- Strategic supply process

## Winning globally

- Growing footprint & product portfolio
- Scalable platforms

Managing through a tough environment



## Growing a \$1B LED franchise

(\$ in millions)

## **GE Lighting LED revenue**



## **Trusted advisor**





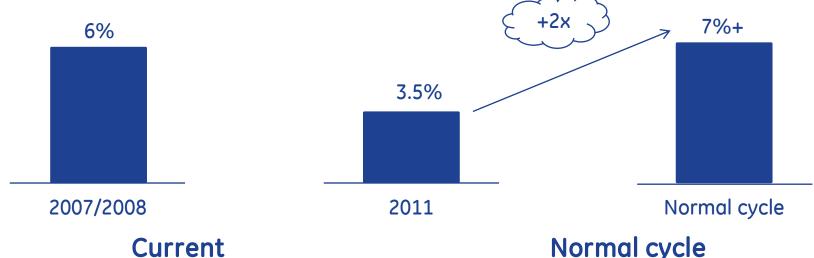




- Winning infrastructure projects globally
   ... best-in-class scalable platform
- 50-75% energy savings with 1-3 year paybacks
- Enhanced safety and security integrated LED systems and controls
- Productivity and annual maintenance savings



## Driving margins



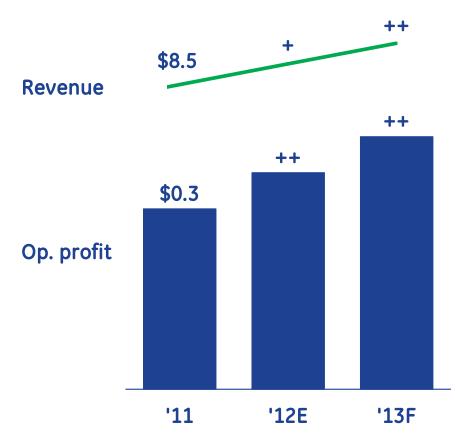
- Housing market ~40% of peak level
- Increased product investment ... Mission 1 & LED
- Productivity/cost out offsets volume pressure

- Normal cycle
- Stabilized product investment
- Growing share and margins
- Strong cash generation and volume leverage
- ✓ Driving Lighting to 10% & Appliances to 6%
- Generate CFOA 2X+ net income



## H&BS outlook

(\$ in billions)



## Summary

- ✓ Some positive signs in housing market
- ✓ Strategic execution
  - Appliances product transformation
  - Grow Intelligent Platforms Proficy Software
  - GE Works ... invest in U.S. manufacturing
  - Utilize Lean and drive value gap for margin expansion
  - Build \$1B LED business with strong margins and high share

Growing in a tough environment



# Transportation

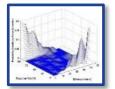


## **Business overview**

### **Locomotive & services**



- Leading diesel locomotive producer
- Engine, propulsion & controls



- Parts & services
- Diagnostics and monitoring

~\$3.5B/~72%

## Mining



Newly established GE vertical



Wheel drive systems



- Parts & upgrades
- Underground equipment

~\$0.7B/~15%

## Train management & optimization



- Fuel & velocity efficiency
- Railroad safety & compliance



- Transportation management
- Planning optimization

~\$0.5B/~10%

## Adjacent technologies











- 1.2-3MW diesel generators
- AC & DC drill motors

~\$0.1B/~3%

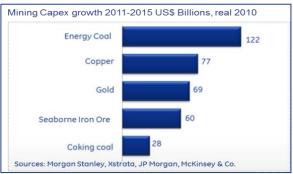


## Environment

## Market environment







## Selected competitors





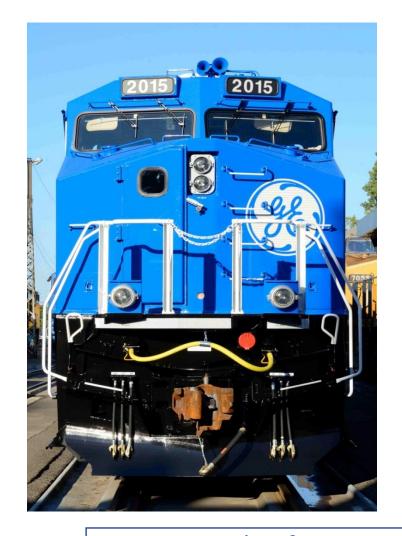


## **Strategic imperatives**

- 1 Globalize locomotive platform ... differentiate with technology
- Grow services business with data & software
- 3 Capitalize on energy storage technology & wins
- 4 Grow GE Mining platform
- 5 Drive margin accretion ... simplification & productivity



## Tier 4 locomotive rollout



### Tier 4 required >75% emissions reduction

- GE solution does not require urea
- Fuel efficiency will be maintained

## 1st prototype unveiled in August

- Engine tests continue to show positive results
- Begin road testing later this year

## On track for 1/1/2015 production

- 6 prototypes to run in 2013
- 30 to sell for customer tests in 2014

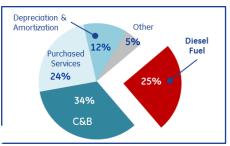
Creating value for our customers with innovative technology



## The next BIG thing ... liquid natural gas

## Why LNG is important





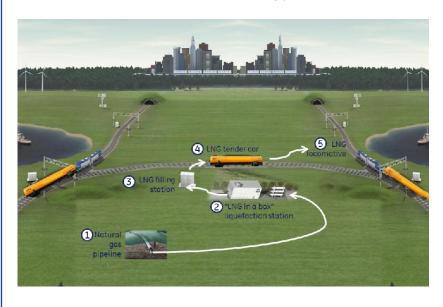
Diesel/LNG price gap widening-a)

Class 1's spend ~\$11B per year on diesel fuel-a)

(a- Source: BCG study for GE

- Turns Tier 4 emissions change to a positive
- Applicable to new locomotives & installed fleet
- Large cost savings opportunity ... at 25% utilization up to \$3B for Class 1 railroads

### **GE strategy**

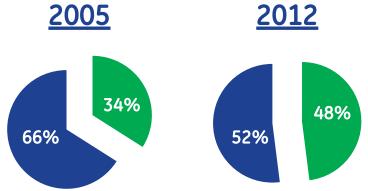


- Invest in parallel with Tier 4
- Balance replacement ratio with flexibility
- Partner with Oil & Gas to provide infrastructure solutions for the industry



~\$1-\$2B GE opportunity

## Expanding global partnerships





- Shifting from North American "rail" business to a global transportation equipment & solutions provider
- Utilizing strategic in-country partnerships as platform for growth
- Increasing local content, service capability and distribution networks



### Strong partnerships in key regions

### Kazakhstan KADAKCTAN TEMIP HORIL

• Long history ... EVO MSA

#### Korea

New relationship
 Rotem

#### South Africa

- 143 locos
- Local assembly

#### Turkey/Euro

Euro platform



#### Russia -TMD/KTZ

- EVO Engine JV in Astana
- Local Assembly

#### Indo - Java



• 100 locos

#### Australia UGL

• 40 year relationship

#### **Brazil/GETF**

- 60%+ local by mid '13
- Strong customer alliances



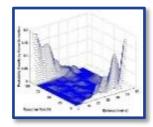
## Using data & software to create value

## **Asset optimization**



On board ... hundreds of sensors

Off board ... millions of fleet records



### Using big data analytics to ...

- ↓ Unscheduled and repeater shoppings
- ↓ In mission failures and train delay hours

## **Operations optimization**



Transportation management



Yard planning



Fuel optimization & operations planning



Intermodal operations

## Using software and SaaS capability to ...

- ↑ Velocity and capacity
- ↓ Operating costs ... less fuel and dwell time

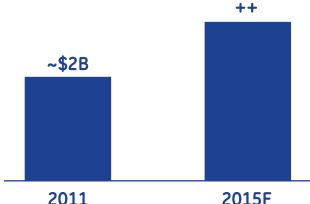
5 pts. ↑ in asset efficiency = ~\$100MM opportunity



## **GE Mining**

## Well positioned in mining today

**Total GE revenue** 



## **Direct to mine**

 Bringing together the capabilities of "One GE"



### 2015F Off-highway vehicles

 A leader in propulsion systems technology



## Why we like underground mining



Diesel powered scoop



Battery powered shield hauler

Acquired<sup>-a)</sup> product portfolio well positioned to compete globally ... GE brings instant value

Transform with existing GE technology



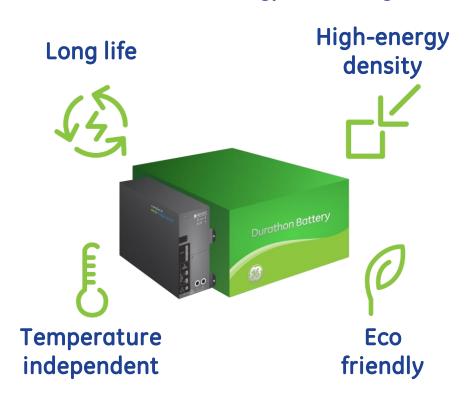
Expand geographically ... new service models

Great fit with GE capabilities ... expect to grow over time through organic development & niche acquisitions



## Energy storage, reinvented

<u>Durathon technology advantages</u>



### Lower total cost of ownership vs. lead acid

• ~10x life cycle ... no maintenance required ... 50% footprint & weight ... ~4x energy density

## **Growth opportunity**





Grid

Off-grid cell towers

**Application** 

Renewables Integration & building **Energy management** 

30-60% diesel fuel reduction

Value

Reduced demand Charges, grid stabilization

\$570M space

**Opportunity** 

\$1B+ space

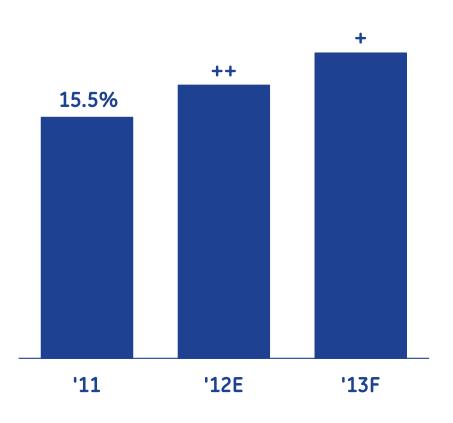
### Signed LOI for ~200k cells

 Increasing backlog ... ramping cell production capacity in 2013

Potential for a \$1B business by 2020



## **Driving margin**



## **Key drivers**

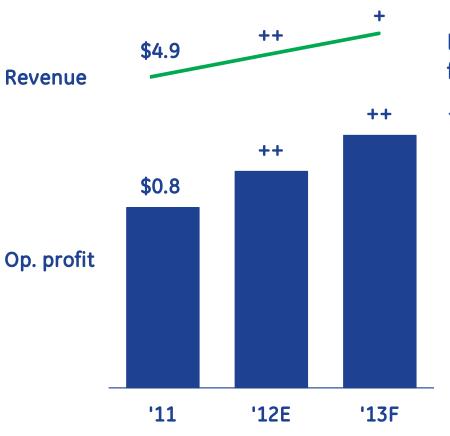
- √ Simplification
  - Simplify organizational structure
  - Support international growth efficiently
- √ Value gap
  - Execute material deflation
  - Commodity & labor based escalation
- ✓ Product cost
  - Factory productivity improvements
  - Sourcing rigor ... reduce sole suppliers
- ✓ Services margins
  - Improving services productivity
  - Driving analytics & optimization Services 2.0

Growing margins while investing in new technology and capacity



## Transportation outlook

(\$ in billions)



## Summary

Long-term macro trends remain favorable for locomotives & global mining

- ✓ Strategic execution
  - Developing next-generation technology
  - Creating value for our customers with software & optimization
  - Expanding global footprint
  - Driving cost out
  - Investing in mining, energy storage & fuel efficiency

Attractive financial outlook



# Power & Water



## Announced yesterday...

Launched FlexEfficiency\* portfolio for 60Hz

The broadest portfolio of advanced gas turbines in the industry





GE wins \$1.2B in contracts for gas-powered turbines

The New Hork Times
Adapting Gas-Fired
Power to a Greener Grid

## FINANCIAL TIMES

**GE** sees demand for gas-fired power

## **Bloomberg**

GE Launches Breakthrough Power Gen Portfolio with Record Efficiency and Flexibility with Natural Gas

Technology positioning for the next decade



## Diverse technology & service solutions

From power generation

To broad portfolio of solutions

	2001	2011
Products	Gas PG services CC steam Aero Nuclear	Gas PG CC Services steam  Aero Nuclear Water Renew. Gas engines
Revenue	\$18B	\$26B
% outside U.S.	~40%	~65%
% services	~20%	~50%
% of world's electricity	~25%	

Expanded offerings to address diverse segments



## **Environment**





## **Selected competitors**

## **SIEMENS**



Rolls-Royce®

SUZLON Vestas

## Strategic imperatives

- ✓ Manage through wind cycle
- ✓ Product vitality ... +15 pts. over last 2 years
- ✓ Services growth ... ~70,000 installed base
- ✓ Productivity ... execute cost actions
- ✓ Build out adjacencies
- ✓ Global growth

Shifting environment ... outperforming competition



## Gas power



24%

40-50%





25%

40-50%

~28%

40-50%

## Themes

- ✓ Gas pricing and accessibility
- ✓ Power generation shift
- ✓ Increased utilization
- ✓ Growth will be in developing regions
- ✓ Differing customer needs ... size, flexibility, baseload
- ✓ Short-cycle installation

## **Implications**

- Gas GW growth shipped from GE 个
- Service business growth ... installed base + NPI
- Upside potential ... China, U.S., Africa



13%

40-50%

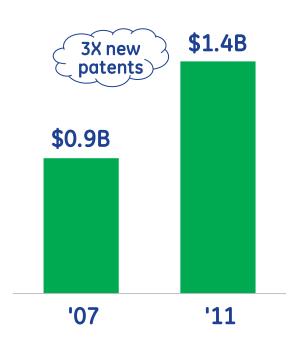
- World

Est. GE **HDGT** share

- Ex. China

## Technology investment

### **Programs spend**



✓ Equipment product vitality ... 49% in '11

# 300 new launches worth \$16B in the last 3 years



World's most efficient wind turbine\*

World-class efficiency, flexibility & maintenance interval World record for flexible efficiency

Increased R&D investment paying off

Positioned for gas generation

**B/E-class** 

Muni's





Industrials 1<sub>MW</sub>



PG 5/10



## Portfolio differentiators

- ✓ Broadest range ... 1-300MW+
- ✓ Most efficient ... >61%\*
- ✓ Most flexible ... >100MW/min\*\*
- ✓ Most fuel-diverse<sup>†</sup>
- ✓ Low emissions††

## Largest land-based gas turbine installed base ... broadest portfolio in industry



Recip

engines

- \* At baseload with high partload efficiency ... 7F 7-series in 2x1 combined cycle configuration with SCR and CO catalyst
- \*\* 7F 7-series in 2x1 combined cycle configuration with SCR and CO catalyst
- † Natural gas/distillate/HFO/low BTU gas
- †† 2 ppm NOx & CO down to 14% plant load

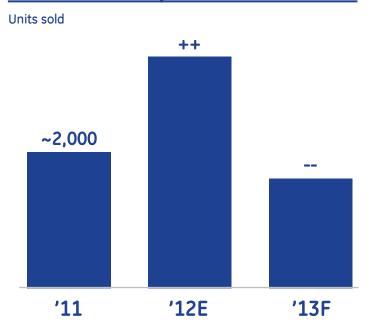
Source: McCoy Power Reports (MW basis)

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"Large block"

## Managing through the wind cycle

## Executing on '12 ... PTC expires in '13



## **GE Wind strategy**

- ✓ Right business model ...
  Lean cost structure
- ✓ Technology leadership ... 1.6-100 world's most efficient\*
- ✓ Accelerating services growth ...
  30GW+ fleet (21,000+ units installed)
- ✓ Diversifying globally ... ~70% of '12 deals outside U.S.
- √ ~\$40B GE revenue since '03 ... differentiated GE technology
- √ High-return business, PTC expiration driving \$(.03) EPS in '13



## Growing globally

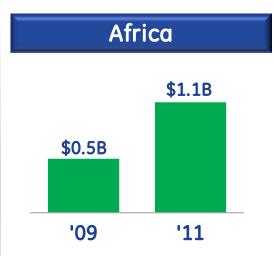
Demographics ... natural resources ... modernization



- √ ~50% of electricity from gas ... adding 20-30GW by '20
- ✓ Modernization of installed base ... district heating
- ✓ Government push for efficiency



- ✓ Large new gas/oil reserves
- ✓ 18% of electricity from gas & wind by '15 ... +5 pts. vs. '09
- ✓ Growth from wind/GT/
  gas engines



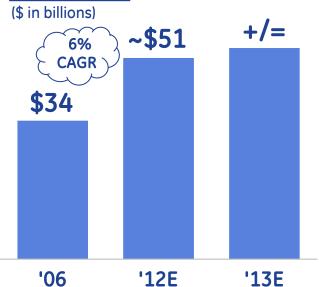
- Population growth & urbanization
- ✓ Emergency power ... Algeria/Angola
- √ 10GW Nigerian MOU

Capturing pockets of growth ... building local capability

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## Services growth

## **CSA** backlog



## Gas turbine utilization

- ↓↓ W. Europe ... Spain/Italy driven
  - **E. Europe ... CIS & Turkey**
  - ↑ United States ... low NG price,
  - ROW ... Asia & Middle East growing

## **Imperatives**

- Expanded CSA offerings for more customer value
- ✓ Technology upgrades ... output, efficiency, lower emissions
- ✓ Customer-focused productivity ... extended intervals
- ✓ Enhancing local capability ...~\$250MM investment







Saudi Arabia

Brazil

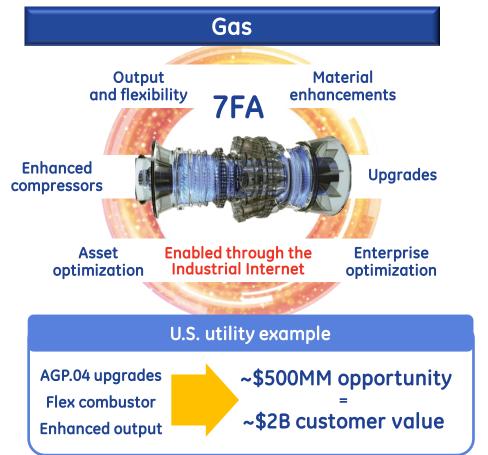
Singapore

Long-term growth engine



## Services 2.0

(Revenue \$'s)



### Wind

#### Material ... blade extensions

- 7m blade inserts, energy ↑ ~20%
- Low wind speeds



\$260MM opportunity

### Software ... utilizing controls to ↑ value

- WindBOOST:
   1.5 → 1.6MW,
   energy ↑ ~4%
- Turbine optimization: energy ↑ ~3%



**\$110MM** opportunity

Growth through material and analytics



## Distributed energy

Power generated at the point of use

### **Growth drivers**

- Energy efficiency
- GDP growth in weak grid
- Temporary power to avoid blackouts

## Cogeneration ... gas engines



- 10 MW for London Olympics
- Reducing emissions by ~13,000 tons CO2/yr.

### **Technology**



Waukesha

\$40B opportunity



### Emergency power ... Aero ~\$300MM



- Meeting the urgent power needs for Algeria, Angola & Bolivia
- 300 MW ... 13x TM2500, power up in 90 days

## GE Aeroderivative Energy China ... ~\$110MM



- 275MW in China
- GE Huadian JV signed
- Energy efficiency for industrial customers



Capturing growth beyond the grid

## Industrial water reuse

### **Drivers**

- Water scarcity and regulation driving reuse
- Major operators looking to:
  - ✓ Maximize sustainability
  - ✓ Stay ahead of potential regulations
  - ✓ Current disposal options finite/limited

### Wins



Coal seam/shale gas QGC projects



## **GE** technology



#### **LEAPmbr:**

- √30% energy cost savings
- ✓ Boosts productivity 15%



#### Mobile evaporator

- ✓ Relocatable water treatment plant
- ✓ Drives logistics productivity



#### AcquaSel

- ✓ Reduces wastewater 10x-50x
- ✓ Reduces energy consumption



## Heavy oils

Leader in water evaporators Won last 6 awarded

\$150MM orders



## **Refining**Ultrafiltration & MBR

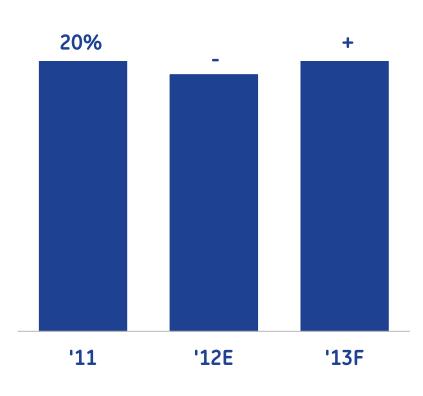
applications excellence



Gaining momentum to form a more valuable Water business



## **Driving margin**



## **Key drivers**

- √ Simplification
  - Lowering cost structure ... fewer layers
  - Driving SG&A % of sales ↓
- ✓ Product cost

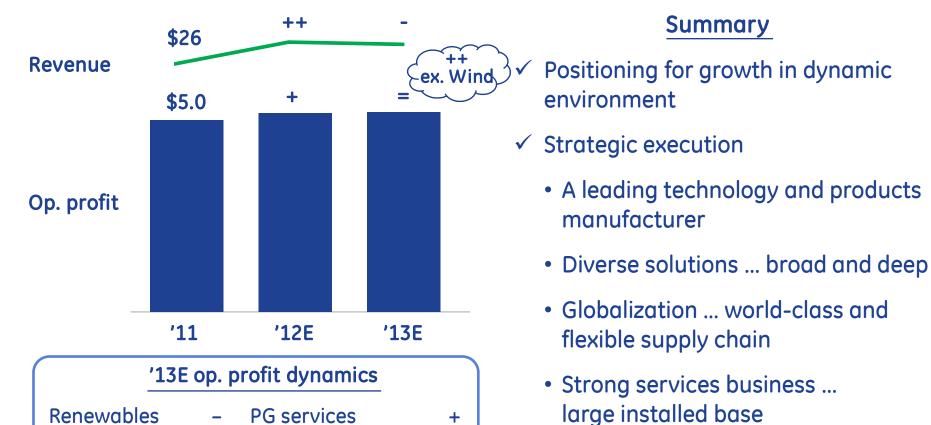
  - Multi-modal manufacturing in low-cost countries
- ✓ Value gap
  - Price stabilizing in Thermal & Wind
  - Driving deflation ... fewer sole suppliers
- √ Service margins
  - Drive 
     \( \bullet \) customer value through technology & analytics
  - Execute on services fundamentals

High-return business ... margin expansion in '13



## Power & Water outlook

(\$ in billions)



Delivering through the cycles

+

+

Distributed power

Cost out



(Price in backlog)

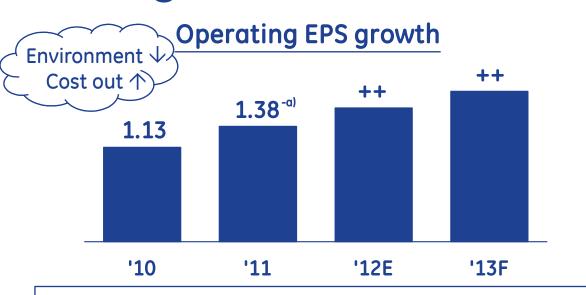
**Thermal** 

Simplification for speed & cost

# Summary



## Thoughts on future



### **Investor interests**

#### 1) Improving margins

✓ Solid momentum/restructure

**Update** 

- 2)
  - Low natural gas price ✓ Service ↑ ... well positioned
- 3) Manage risk/Europe
- ✓ Lots of cash/restructure
- 4) Size of GE Capital
- ✓ Smaller; 30-40% of earnings
- 5) Capital allocation
- ✓ Balanced

(a- Excluding the impact of the preferred shares redemption



## **Priorities**

- 1 Hit cost targets
- Disciplined capital allocation
- **Execute on NPI**
- 4 Sustain strong momentum in growth markets
- 5 Services expansion
- 6 Grow Industrial > Capital

## Leading GE

### **Good businesses**

**Aviation** 

Winning in the market with superior execution

Oil & Gas

A fast growth GE franchise in the market "sweet spots"

Healthcare

Broad diagnostics leader & a long-term winner

Energy Management Potential upside & important technology

H&BS

Wins with housing growth

**Transportation** 

Very strong platform with global & adjacency tailwinds

**Power & Water** 





## **Enterprise strength**

- ✓ Substantial cash opportunity
- ✓ Very valuable portfolio
- √ Growth engines > peers
  - Technology
  - Services
  - Growth markets
- ✓ Positioned for margin expansion
- ✓ Safer investment in volatile world



# Q&A