# **Digital Industrial Company**

## J. R. Immelt December 16, 2015

#### 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," "will," "would," or "target." Forward-looking statements by their nature address matters that are, to different dearees, uncertain, such as statements about our announced plan to reduce the size of our financial services businesses, including expected cash and non-cash charaes associated with this plan: expected income: earnings per share: revenues: organic growth; margins; cost structure: restructuring charges; cash flows; return on capital; capital expenditures, capital allocation or capital structure; dividends; and the split between Industrial and GE Capital earnings. For us, particular uncertainties that could cause our actual results to be materially different than those expressed in our forward-looking statements include: obtaining (or the timing of obtaining) any required regulatory reviews or approvals or any other consents or approvals associated with our announced plan to reduce the size of our financial services businesses; our ability to complete incremental asset sales as part of that plan in a timely manner (or at all) and at the prices we have assumed; changes in law, economic and financial conditions, including interest and exchange rate volatility, commodity and eauity prices and the value of financial assets, including the impact of these conditions on our ability to sell or the value of incremental assets to be sold as part of our announced plan to reduce the size of our financial services businesses as well as other aspects of that plan; the impact of conditions in the financial and credit markets on the availability and cost of GE Capital Global Holdings, LLC's ("New GECC") funding, and New GECC's exposure to counterparties: the impact of conditions in the housing market and unemployment rates on the level of commercial and consumer credit defaults; pending and future mortgage loan repurchase. claims and other litigation claims 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 flows and earnings and other conditions which may affect our ability to pay our guarterly dividend at the planned level or to repurchase shares at planned levels; New GECC's ability to pay dividends to GE at the planned level, which may be affected by New GECC's cash flows and earnings, financial services regulation and oversight, and other factors; our ability to convert pre-order commitments/wins into orders; the price we realize on orders since commitments/wins are stated at list prices; customer actions or developments such as early aircraft retirements or reduced energy demand and other factors that may affect the level of demand and financial performance of the major industries and customers we serve; the effectiveness of our risk management framework; the impact of regulation and regulatory, investigative and legal proceedings and legal compliance risks, including the impact of financial services regulation and litigation; our capital allocation plans, as such plans may change including with respect to the timing and size of share repurchases, acquisitions, joint ventures, dispositions and other strategic actions; our success in completing, including obtaining regulatory approvals for, announced transactions, such as the Appliances disposition and our announced plan and transactions to reduce the size of our financial services businesses; our success in integrating acquired businesses and operating joint ventures; our ability to realize anticipated earnings and savings from announced transactions, acquired businesses and joint ventures; the impact of potential information technology or data security breaches; and the other factors that are described in "Risk Factors" in our Annual Report on Form 10-K for the year ended December 31, 2014. These or other uncertainties may cause our actual future results to be materially different than those expressed in our forward-looking statements. We do not undertake to update our forward-looking statements.

This document includes certain forward-looking projected financial information that is based on current estimates and forecasts. Actual results could differ materially.

This document also contains 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 www.ge.com.

In this document, "GE" refers to the Industrial businesses of the Company including New GECC on an equity basis. "GE (ex-New GECC)" and/or "Industrial" refer to GE excluding Financial Services. GE's Investor Relations website at www.ge.com/investor and our corporate blog at www.gereports.com, as well as GE's Facebook page and Twitter accounts, contain a significant amount of information about GE, including financial and other information for investors. GE encourages investors to visit these websites from time to time, as information is updated and new information is posted.

#### Imagination at work.

# Ready for this environment

<u>Slow growth + volatile world</u> ... <u>U.S. is</u> <u>ok</u> ... will probably live in strong \$ world

<u>China is in transition</u> (13<sup>th</sup> 5-year plan)

<u>Depressed resource pricing</u> ... impacts countries in different ways

<u>Geopolitical uncertainty</u> ... anti-business, anti-globalization

<u>Financial volatility</u> regulation ... less capital access

Robust pipeline of productivity tools

## A competitive company

- + Capture the growth
- + Everything lower cost
- + Drive customer productivity
  - + Manage risk/develop contingencies
  - + Get faster + more digital



## A strong 2015

1 Finish the portfolio pivot:

2 World-class execution:

- 3 Return cash to investors:
- 4 Invest in the future:

- + GE Capital exit one year ahead
   ~\$104B deals closed in 2015
   Synchrony split ... shareholder value
   + Alstom closed ... expect to sign & close
   Appliances early in 2016<sup>-a)</sup>
- + Industrial operating EPS @ \$1.13-1.20
- + Organic growth @ ~4% YTD, > peers
- + Margins @ ~17%; returns @ ~17%
- + CFOA of ~\$16B
- + \$32B in buyback, Synchrony & dividends
- + \$300B backlog
- + GE Store initiatives have momentum
- + #1 Digital Industrial

## **Delivering for investors**

(a- Subject to regulatory approval

# 2015 operating framework

## **Operating EPS**

<ol> <li>Industrial</li> <li>GE Capital retain businesses (Verti</li> </ol>		<ul> <li>+ Industrial operating EPS up double digits 3Q YTD +15%</li> <li>+ Segment organic growth of 2-5% &amp; margin expansion</li> <li>+ Corporate \$2.2-2.3B excluding gains &amp; restructuring</li> <li>+ Alstom closed; expect to close Appliances early in 2016<sup>-a)</sup></li> <li>- Headwinds: FX ~\$(.05), uncovered restructuring ~\$(.03)</li> </ul>
3 Capital asset sale	es <del>~\$90B</del> ~\$104B	<ul> <li>+ GE Capital exits on track ~\$104B closed in 2015;</li> <li>+\$65B ENI reduction for Synchrony signings of</li> <li>~\$155B drive momentum in '16</li> </ul>
4 Free Cash Flow + Dispositions	\$ <del>12-15B</del> ~\$14B	<ul> <li>+ CFOA of ~\$16B<sup>-b)</sup>, \$3-4.5B GE Capital dividend</li> <li>+ P&amp;E of ~\$4B</li> <li>+ Dispositions of ~\$2B</li> <li>+ FCF + dispositions at high end despite Appliances delay</li> </ul>
5 Cash Returned	_ <del>\$10-30</del> B	+ Dividend of ~\$9B

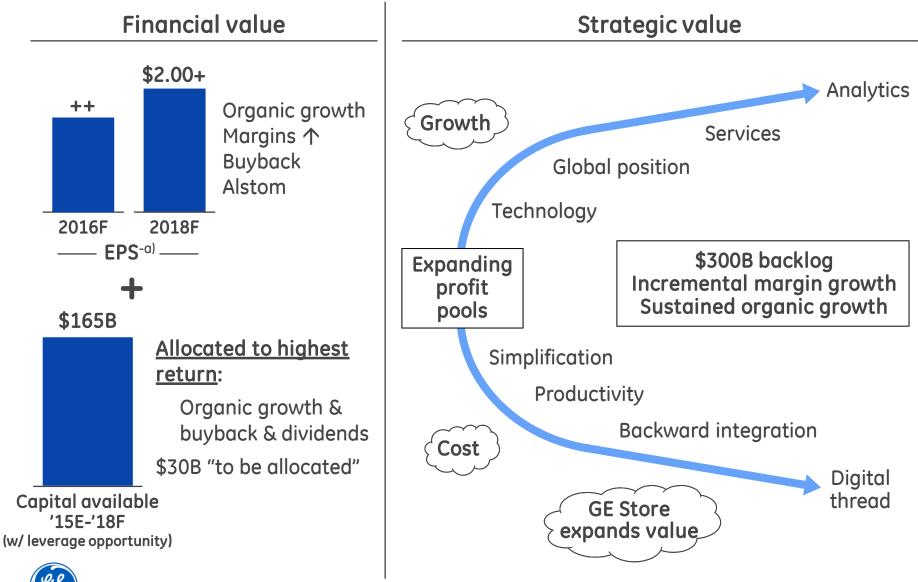
- to Investors ~\$32B
  - + Buyback: SYF split-off \$20.4B + 4Q GECC dividend



(a- Subject to regulatory approval

(b- Taxes associated with dispositions included in net disposition proceeds

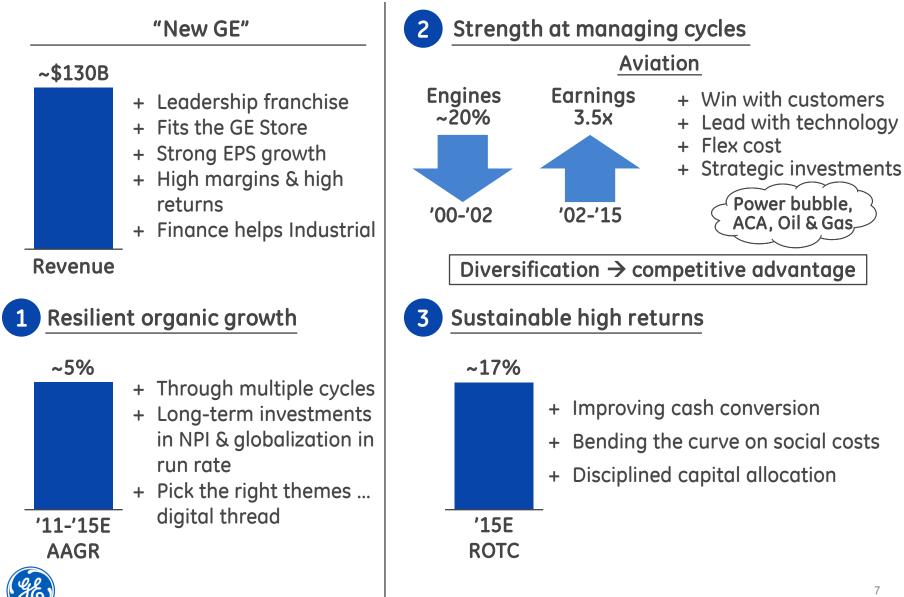
# Why GE



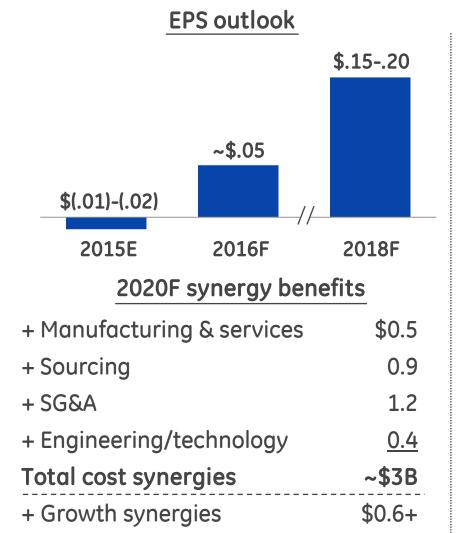
# Portfolio & capital allocation



# Fast growth Industrial company



# Alstom impact



## **Delivering returns**

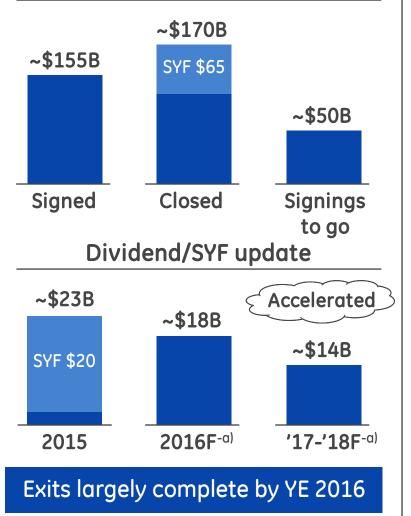
- ✓ Strong strategic rationale ... complementary technologies, global presence, project capabilities, and installed base
- $\checkmark\,$  Businesses add to and take from the GE Store ... GE + Alstom benefit
- $\checkmark$  Strengthens subscale businesses
- ✓ Deal economics:
  - Underlying operations impacted by deal uncertainty ... Alstom "in play" for ~18 months, impacting backlog
  - Synergy plan well-developed ... far ahead relative to other acquisitions ... \$3B+ annualized synergies by year 5
  - Growth opportunities better than original outlook
- $\checkmark$  Embedded in leaders' compensation plans



Critical step forward in GE transformation

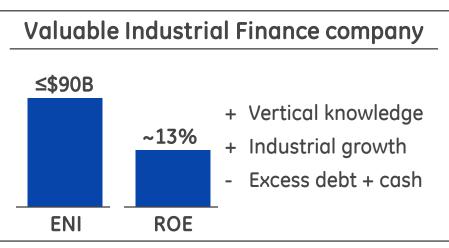
# **GE** Capital execution

## Exits faster than plan



## **Excellent execution**

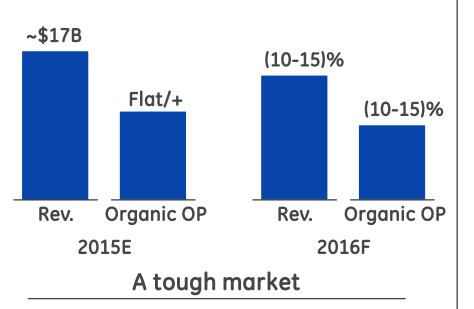
- + Synchrony is complete ... \$20.4B share exchange
- + Pricing & value on track from 4/10 goals ...
  \$35B expectation
- + \$2.5-4B dividend in 4Q
- + Plan to apply for SIFI de-designation in 1Q
- + On track to return ~\$55B to investors by 2018





# Oil & Gas cycle

## **Financial expectations**



- Customer capex down (10)-(20)%
- Rigs & subsea awards challenged
- ✓ Production mixed globally
- $\checkmark~$  RFQs for TMS & Downstream flat

## Customers value technical solutions

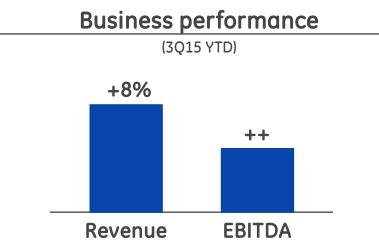
## Our play

- 1 On track for \$1B+ cost out in '15 + '16
  - $\checkmark$  Clean up supply chain
  - ✓ Flex with volume
  - ✓ Better quality & service
- 2 Launching economic customer solutions
  - $\checkmark$  Organic engineering spend +15%
  - $\checkmark$  100 launches in place
  - ✓ Winning with digital
- 3 Building the bench during time of crisis
   ✓ Attracting more industry pros
- 4 Will use financial strength at high returns
  - ✓ Strategic M&A
  - ✓ Financing solutions

## Will gain competitive position



# Appliances update



- Business performing well
- Positive Black Friday results driven by Lowes and Home Depot
- U.S. appliances industry up 8% YTD
- Market valuations up
  - Comparable multiples up ~10% since announcement of ELUX deal

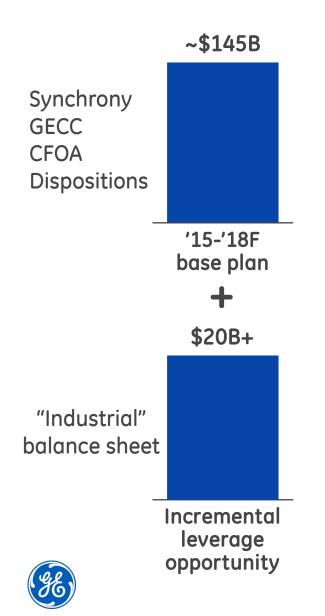
## **Deal process**

- Significant inbound interest posttermination
  - 5+ serious, capable global strategics
  - Many financial sponsors
  - Smoother regulatory process expected
- Focused on value, speed, and certainty
- Expect to sign & close early in  $2016^{-a}$

## Business doing well ... expect robust process



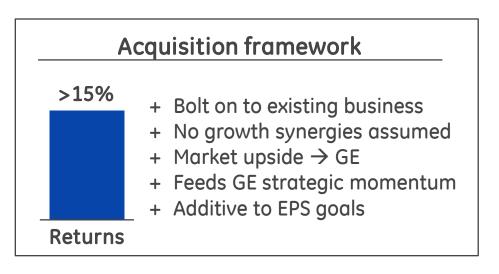
# **Capital allocation framework**



- Reinvest in organic growth ... P&E, technology, global growth, digital
- 2 Sustain an attractive dividend ... yield > peers (\$35B)



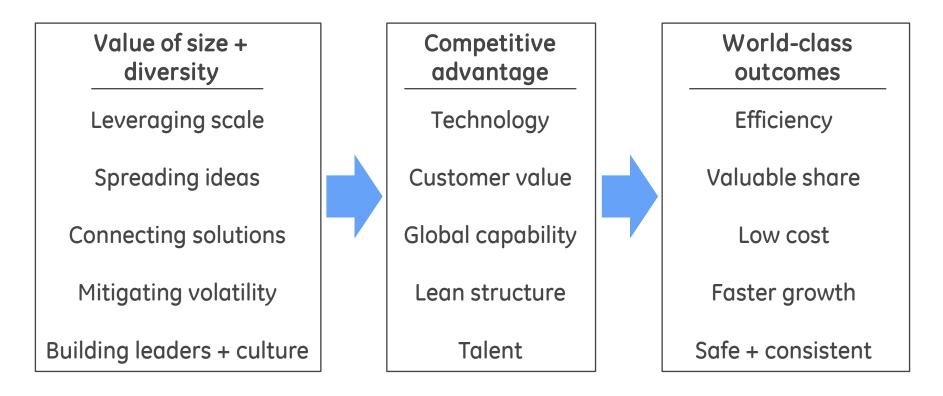
- 3 Return \$55B from Capital to investors via buyback
  - Disciplined capital allocation ... buyback vs. M&A

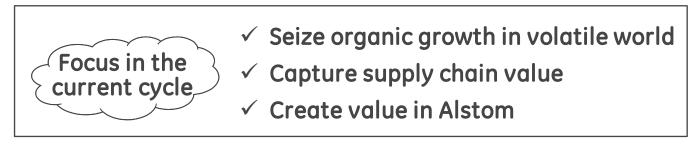


# The GE Store



# Value from the GE Store







# **Technical leadership**

## \$10B+



Big cycles behind us More NPIs in pipeline

Alstom integration

R&D + capex + digital

## Store value

- Innovate at scale ... big launches with differentiated manufacturing
- Own design value
- ✓ Global execution & development
- ✓ FastWorks driving cycles
- $\checkmark$  Digital thread



## Launch big systems + High share + big backlog + Learning curve economics **Execute for share** + Big pipeline + speed + Customer outcomes Innovate for growth + Business launched (Cessna) European government funds + Superior technology + \$40B program revenues 15 in over 25 years pipeline

# Technical leadership $\rightarrow$ cost

## Digital thread



#### Controls

- Advanced performance
- Software-defined machines
- Key to industrial internet
- Upgrade potential



## Robotics

- Low cost automation
- Applications across GE
- Service productivity

## Materials



## Silicon Carbide (SiC)

More efficient power ... smaller packages

- Renewables: > 50% lower losses / size
- Aircraft power: 500 lbs. lower weight
- MRI: better image quality, free-up equipment room



#### Ceramic Matrix Composites

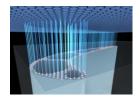
- Opening design space for lower system cost
- Rotating parts... 60+%  $\downarrow$  weight, redesign main shaft

## Manufacturing



### Advanced Coatings

- Differentiator for harsh environments
- Service opportunity ... upgrades
- Builds on materials and process expertise



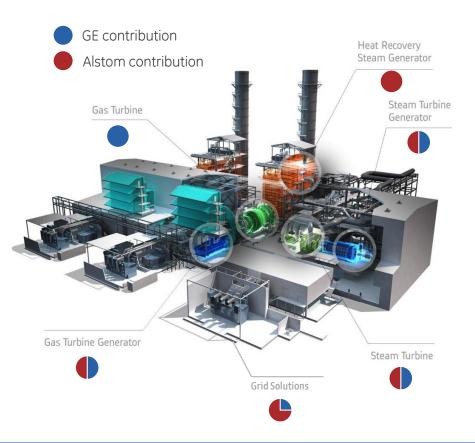
### Additive Manufacturing

- 25-50%  $\downarrow$  NPI time
- 20-80% performance improvement with weight reduction



## Technology + Alstom New Gas Power Systems capability

## Integrated systems expertise



## Alstom value creation

## $\uparrow$ Combined cycle performance

- Broader gas turbine portfolio
- Bottoming cycle enhancements
- $\psi$  Cycle time for quicker power
  - Modular power island configurations(
  - Scalable global project capability
- ↓ Product cost +  $\uparrow$  volume
  - Component cost & performance
  - GE2GE/GE4GE volume

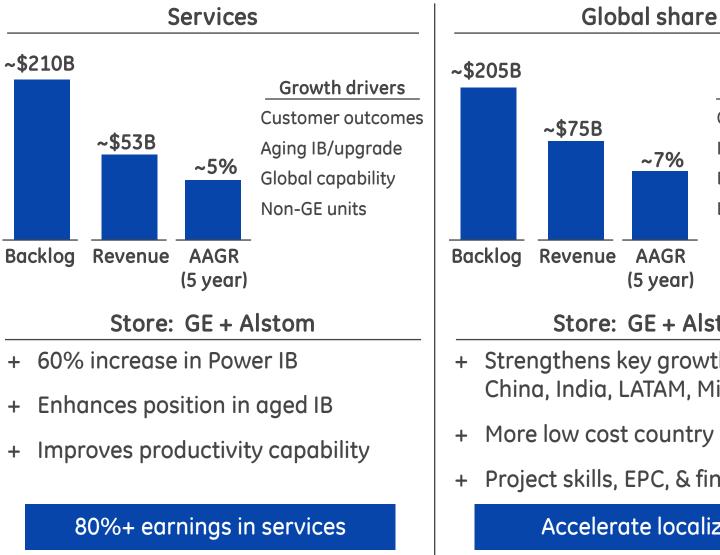


Stere

## Won commitments for 6 HAs in Pakistan ... +0.5 pts. higher efficiency



# Growth initiatives



## **Growth drivers**

China 5Y plan Infrastructure needs **Energy transition** Local content

## Store: GE + Alstom

- + Strengthens key growth markets ... China, India, LATAM, Middle East
- More low cost country supply chain
- Project skills, EPC, & financing

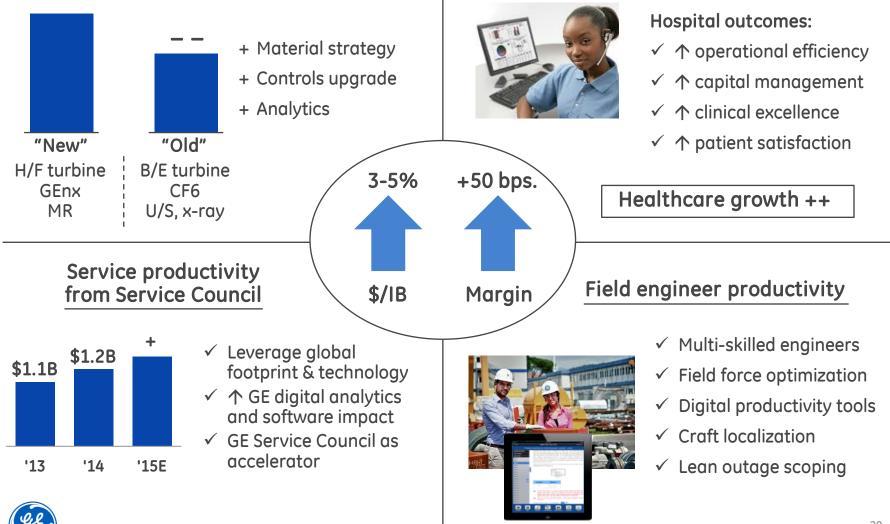
#### Accelerate localization



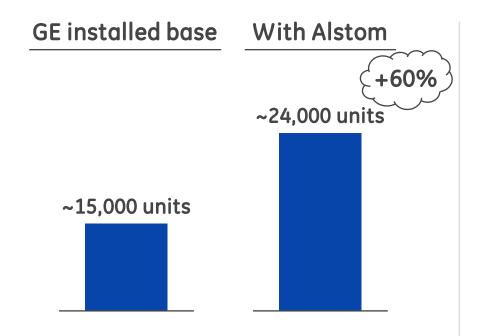
# Service growth

## Growing share in aged fleet

## Healthcare - APM



## Power Services + Alstom



- ightarrow ~\$50B backlog
- $\rightarrow$  ~\$14B revenue ... ~50% of GE Power
- $\rightarrow$  Attractive margins

Accelerating access + capability

Leapfrog decades of organic growth

- **Stronger in steam**: broader steam portfolio targeting steam tails
- Expanding other OEM capability: utilizing Alstom technology/expertise
- Local presence: ~26,000 people, 6,000 engineers, 50+ repair shops

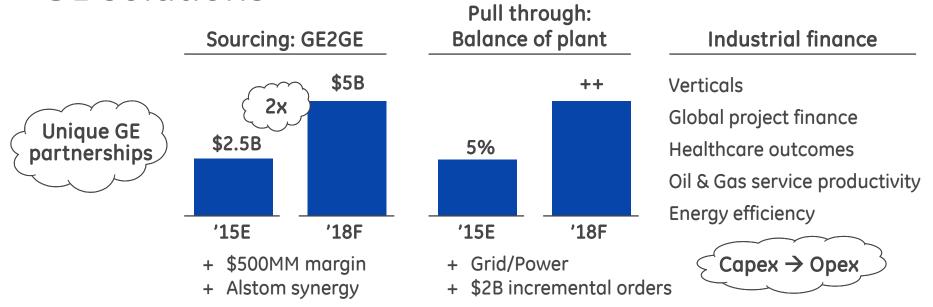
## Complete portfolio offering ... all equipment, any plant

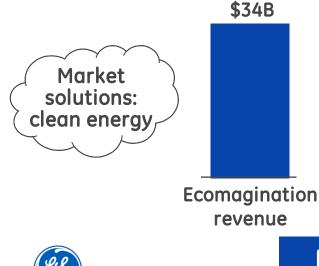


# Winning global deals

Global power	G	lobal rail	Healthcare "KUBio"		
<ul> <li>Pakistan</li> <li>Bhikki order signed with Alstom STs</li> <li>Unprecedented performance</li> <li>Global business partners</li> <li>Indon</li> <li>Delivering 50 of fast powe leveraged Gi</li> <li>Joint cooper agreements study addition power project</li> </ul>	0MW store ation nal to MW ✓ Investing ~\$ manufactur ✓ Highly visibl	<ul> <li>\$2.6B contract for 1,000 locos &amp; services 11 years</li> <li>\$200MM to build local ing &amp; services facilities</li> <li>e project facilitates esence in India</li> </ul>	<ul> <li>✓ \$100MM+ orders in</li> <li>✓ Flexible and fast</li> <li>✓ Build services busing</li> </ul>		
Oil & Gas capabilities		LED	Aviation		
<ul> <li>Linking resources to power needs small scale LNG in Nigeria, ENI Gho</li> <li>Expanded portfolio of solutions to outcomes YPF, Petrobras, Pemex</li> </ul>	na 🗸 Olympics ( Ieliver solutions in	ciency partner GE ✓ Focus on sustainable & smart			
(SE)				22	

## **GE** solutions





- Energy efficiency ... large portfolio of technology & software solutions ... LED, Power Conversion, engines/turbines
- Power upgrades ... gas & coal technologies to lower emissions
- Renewables breadth ... onshore wind, offshore wind, hydro, solar
- "Current" ... packaging energy efficiency solutions for C&I customers

## Driving incremental growth

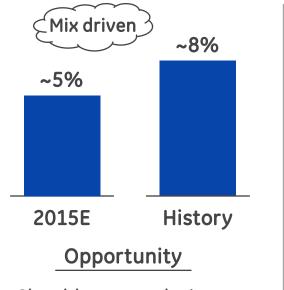
## Lower cost

		~\$11	LOB			'14	Goals		Them	es
			<b>Gross margins</b> -a) (Industrial segments)		26.5%	+50 bps./ year	1 Lower product cost		uct cost	
8	duct &	~70	%	SG&A <sup>-a</sup> (Industrial S	) SG&A % of sales)	14.0%	~12%	2	Capture de	flation
Ser	vice			Corpor	ate	2.2%	<2%	3	More supply	y chain value
SG	&A	~15	%		% of Industrial reven uring and other & ga			4	Leaner stru	icture
Als	tom	~15	%	Alstom	cost synergi	ies –	~\$3B	5	Digital thre	ad
Cost structure			— Marain	transi	tion —					
	1 <u>s</u>	egmer	nts + Co	rporate	2 <u>2016 to</u>			m	3 <u>Margin</u>	goal
			<u>'14</u>	<u>'15E</u>	<b>2015E</b> -a)		~15%		14-14.5%	16%+
	Segm	ents	16.2%	~17%	Segments +	Corpb)	~50 bps.		14-14.570	
	Corpo	orate <sup>-b)</sup>	(2.2)%	~(2)%	Alstom impo	act (1	.00)-(150) bps			
	Total		14.2%	~15%	2016F		14-14.5%		'16F	'18F

(a- Excluding Alstom

(b- Excluding restructuring and other & gains

# **Product margins**

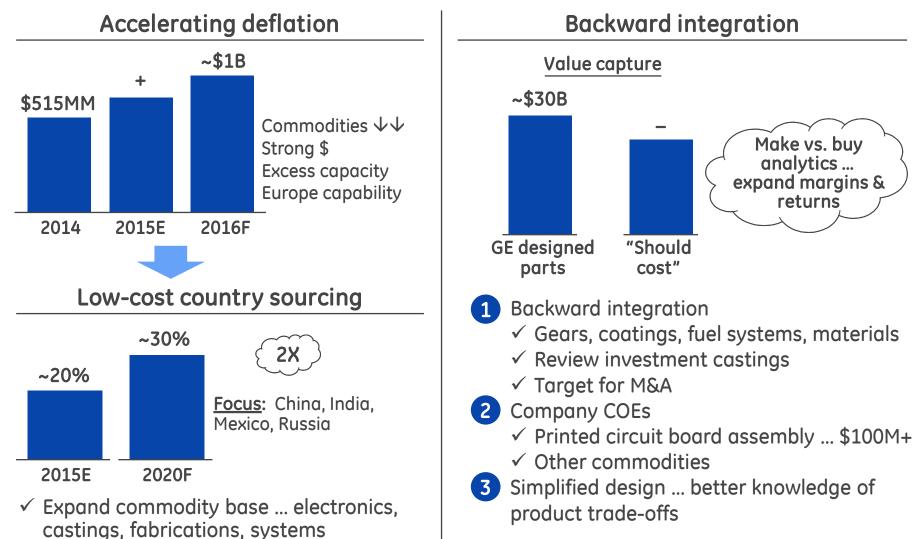


- + Should cost analysis
- + Advanced manufacturing ... learning curve
- + Digitized factories
- + Backward integration
- + Design for value / cost
- + Supplier optimization

Power optimizing product cost catalog				
HA Turbine	<ul> <li>✓ Streamlining cost structure</li> <li>✓ Focus on key profit pools castings</li> <li>✓ Aggressive supplier negotiations</li> <li>✓ Equipment &amp; services synergies</li> </ul>			
Aviation accelerating learning curve				
LEAP Engine	<ul> <li>✓ Lean labs for launch rate readiness</li> <li>✓ Vertical integration on differentiated technology</li> <li>✓ Cost positioned for successful launch</li> </ul>			
Healthcare cost out through sourcing execution				
Revolution CT	<ul> <li>✓ Concentrating single / sole source suppliers 70% to 50%</li> <li>✓ Maximizing LCC suppliers</li> <li>✓ Driving design &amp; deflation cost-out</li> </ul>			
Oil & Gas digitizing supply chain starting at design				
AME Pilot - Houston Cladding	<ul> <li>✓ Advanced manufacturing</li> <li>✓ Design to cost</li> <li>✓ Sensor enablement</li> <li>✓ Factory optimization</li> </ul>			



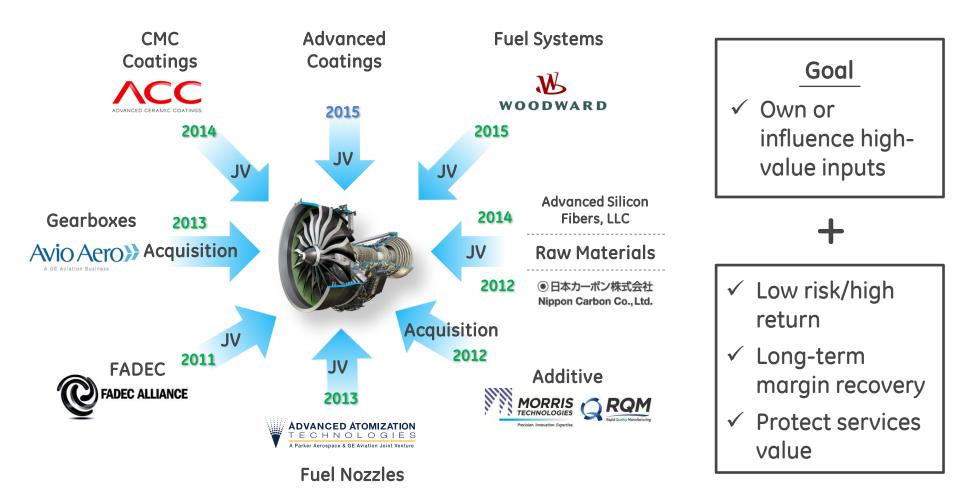
# Creating supply chain value





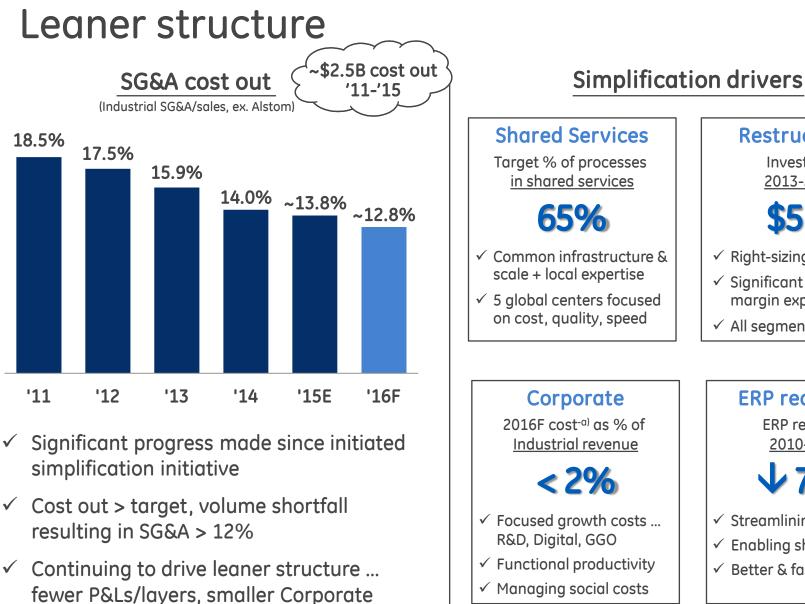
Driver of margin improvement

# **GE** Aviation vertical integration



Invested ~\$5B at very attractive returns





# Restructuring

Investment 2013-2015E



- ✓ Right-sizing structure
- ✓ Significant contributor to margin expansion
- ✓ All segments + Corporate

**ERP reductions** 

- ✓ Focused growth costs ...
- ✓ Functional productivity
- ✓ Managing social costs

## **ERP** reduction 2010-2015E √77% ✓ Streamlining processes ✓ Enabling shared services ✓ Better & faster data

 $\checkmark$ 

# **GE Store in action**

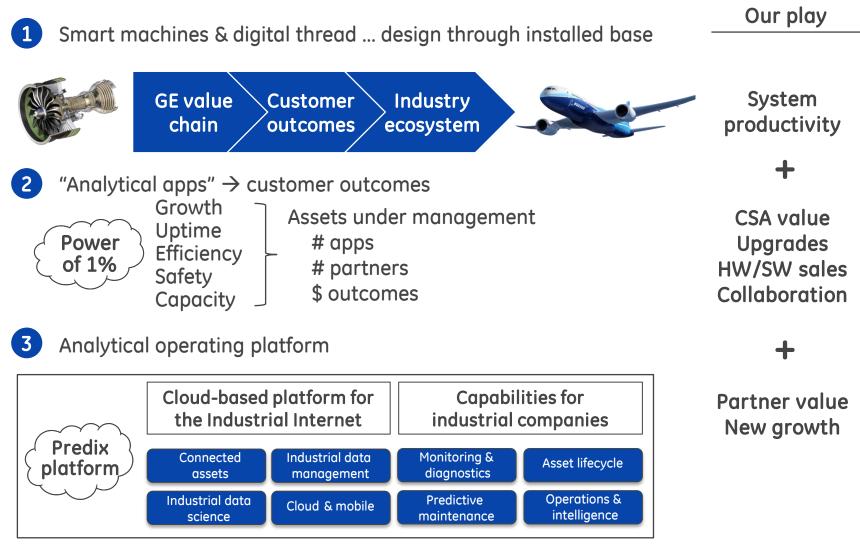
- Leadership in materials innovation + manufacturing revolution (GRC)
- ✓ 25% Life Sciences growth in emerging markets (GGO)
- Multi-modal manufacturing facilities in India, Nigeria, Saudi (GGO)
- ✓ 400 bps. improvement in service margins since 2011 (Service Council)
- ✓ World-class global infrastructure financing capability (I+F)
- ✓ GE2GE & GE4GE worth \$500MM of margin by 2018 (Sourcing Council)

- ✓ Should cost, LCC sourcing & commodity COE (Sourcing Council)
- ✓ NPI cycle time reduction based on models + test tools (GRC)
- ✓ 65% of company processes in shared services (Global Operations)
- ✓ 30k employees engaged in FastWorks with impact growing (Crotonville)
- ✓ Oil & Gas competitive position improves in a down cycle (diversity)
- ✓ Power Conversion backlog doubled through energy efficiency systems in Oil & Gas & Renewables (GRC)



# **Digital Industrial**

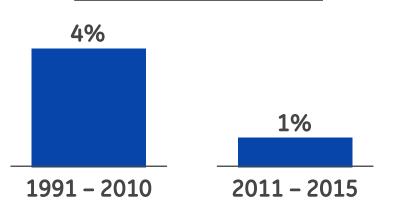
# Digital Industrial framework





# GE opportunity

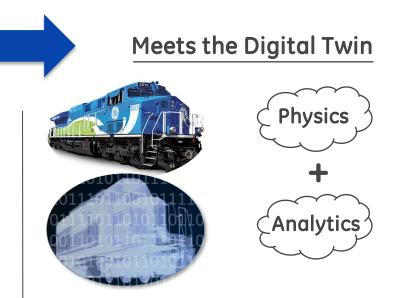
## Industrial productivity



- Value of operational insight > connectivity
- Need data to drive results
- Role of CIO changing ... more operational

## For a railroad

IT can improve communication OT ... one mile velocity ... earnings +20%



- Value of asset + analytics > either individually
- Dramatically changes the potential value of installed base for every company
- Financial impact of "per asset model" is immense

## For GE

~\$210B of Services backlog Improvement a win-win with customers



# 2016 GE Digital contribution

## Investment in run rate

## ~\$1B

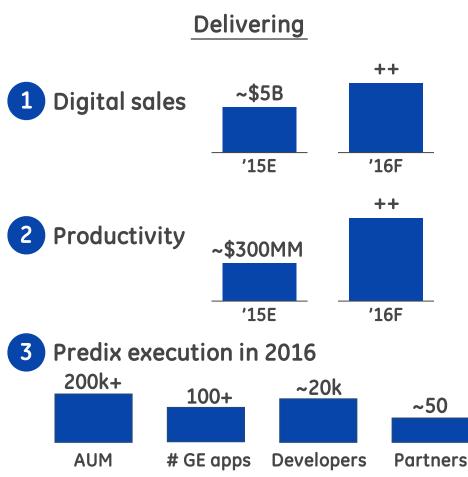


# ✓ Software COE ✓ IT Digital Thread ✓ Business downstream ✓ Edge devices

- + Reallocating funding
- + Aligned organization
- + Hiring talent
- + Building fulfillment
- + Alliances in place

Investor

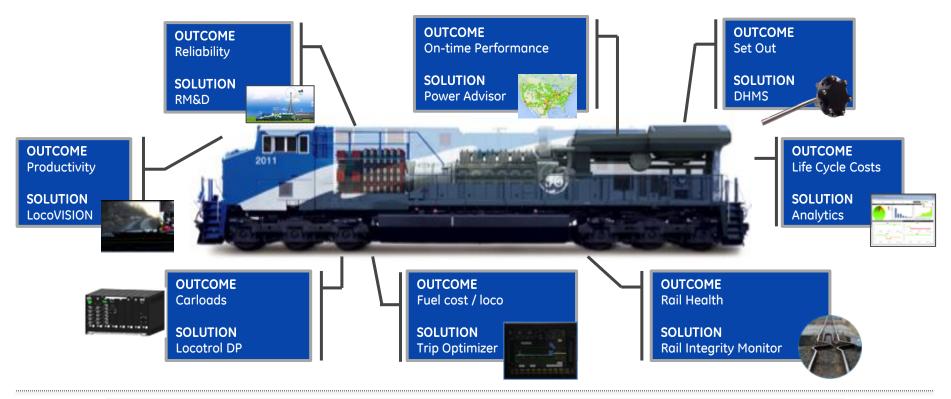
value

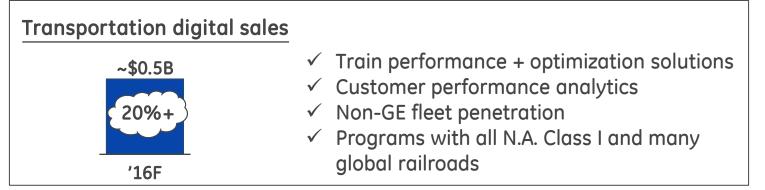


- + Better products ... leading to higher share
  - + Faster service growth ... customer win-win
  - + More productivity ... higher margins
  - + Participate in Industrial Internet growth



# **Digital Transportation**







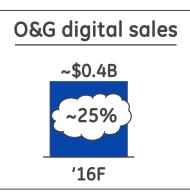
# Digital Oil & Gas: Ecosystem

**Current apps** 

**Executive Dashboards Risk Management Capital Planning & Performance** Production Excellence Market Market Intelligence Portfolio Financial Trading & Market Performance & Forecasting Optimization Optimization **Systems** Logistics & Outage Operations Excellence **Risk Management** Fleet Optimization Operations Planning Optimization Optimization Field Production Production Plant Development Planning Optimization Accounting Optimization Excellence Machine & Equipment Maintenance Asset **Intelligent Response** Performance Health Optimization PREDIX PLATFORM **Technology Enablers** Operator Cyber Security Asset Twinning Controls **IT Monitoring** Intelligence

**Future apps** 

**Partners** 



- Pipeline optimization & integration
- ✓ Field vantage & productivity
- Subsea RM&D ... utilization
- Launching with Conoco, BP, YPF,  $\checkmark$ Columbia Pipeline, and others



Services

# Healthcare: Cloud Advanced Visualization

Knowledge + collaborative ecosystem around smart devices

HOSPITAL



- 1 Data sent to cloud
- 2 Images processed

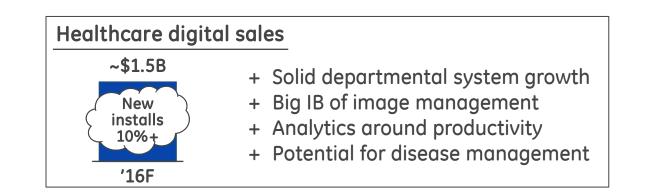
**REMOTE CLINICIANS** 

- 3 View & manipulate images
- on browser devices



RSNA launch

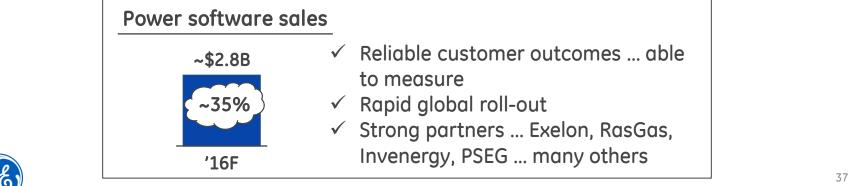
- ✓ Anywhere access to analytics & images (Rads, Specialists)
- Navigate findings, combine with other data in cloud
- Collaborate with multidisciplinary team
- Customers build their own apps



# Power digital transformation







# Predix adoption for Grid Software Solutions



#### Asset Control

- ✓ Mission-critical/real-time controls
- $\checkmark$  SCADA on premise based
- ✓ Reliability & cyber security focus
- $\checkmark$  Tied into field operations

Adopt Predix Core UI/UX, Analytics and Security Services Control Room, Operations, Mission-Critical



#### Asset Optimization

- $\checkmark$  Close to real time analytics
- $\checkmark$  Productivity and efficiency focus
- $\checkmark$  Big Data cloud based
- $\checkmark$  Tied into planning and maintenance

Leverage complete Predix stack and Industrial Cloud Big data, Optimization/Efficiency, Investment/\$



#### Creating a ~\$500MM software business

# Digital Thread ... digitizing <u>within</u>, connecting <u>across</u>



Thread is the compounding impact to  $\checkmark$  product cost as you connect <u>horizontally</u>

- Affect product cost drivers
- ✓ Improve working capital
- ✓ Increase revenues

- Improve on-time delivery
- ✓ Shorter NPI cycle time
- Simplifies the way we work

#### \$1B+ productivity over next 3 years



Benefits

# GE's digital thread

ENGINEERING DESIGN Design for productivity/cost



MANUFACTURE Optimize manufacturing Model based



SOURCING DATA LAKE Pool buy Compare parts



SERVICES EXECUTION Condition-based services Machine learning



SERVICE DIAGNOSTICS Digital Twin "By unit" repair



#### Our experience

<u>H Turbine</u> ... 2X faster, lower launch cost

<u>75 brilliant factories</u> ... driving yield, cycle, downtime

<u>~\$1B deflation</u> ... leverage buy across GE

<u>30,000 field engineers</u> ... sensor based, onboard algorithms, mobile

**\$210B Services backlog** ... impacts TOW, shop cost, repair analytics, fleet management



\$500MM productivity in 2016

# 2016 Framework

# 2016 operating framework

\$1.45-1.55

~\$26B

2 Free cash flow \$28-31B+ dispositions

3 Cash returned to investors

1 Operating EPS<sup>-a)</sup>

- Organic growth of 2-4%
- Core margin expansion
- Corporate @ \$2.0-2.2B
- Alstom ~\$.05
- Restructuring = gains
- FX impact ~\$(.02) at today's rates
- High-teens Industrial tax rate
- CFOA of \$30-32B<sup>-b</sup>; ~\$18B GECC dividend<sup>-c</sup>
- Dispositions of \$2-3B<sup>-b)</sup>
- Net P&E of ~\$4B
- Dividend of ~\$8B
- Buyback of ~\$18B



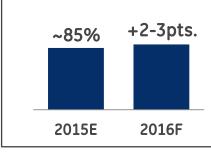
(a- Industrial + Verticals (b- Deal taxes are excluded from CFOA and included in dispositions (c- Subject to regulatory approval

### Summary

	Op Profit	
	2015E	2016F
Power	+	++
Renewable Energy		+
Oil & Gas	-/+	
Energy Management	++	++
Aviation	++	+/++
Healthcare	-/=	+
Transportation	++	-
Appliances & Lighting	++	-/+
Industrial Segments	+	+
Verticals	=	=

#### High end of range

- + Better U.S. environment / digital sales
- + Alstom integration
- + Timing of GECC dividends & share repurchase
- + Sourcing & cost out programs
  Low end of range
- Oil & gas market worse
- Product ramp costs ... HA turbine, LEAP
- Stronger U.S. dollar
- Tougher China ... emerging market scenarios

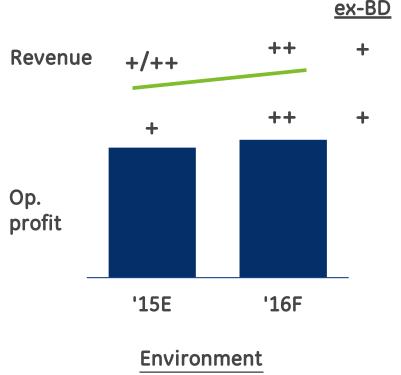


#### **Cash conversion**

- + Working capital efficiency in receivables & inventory
- + Lower P&E post-NPI cycle
- + Lower restructuring spend



### Power



- + Continued growth of natural gas, coal
- + Trend towards project solutions
- Excess capacity in developed markets
- Oil & gas applications, regions

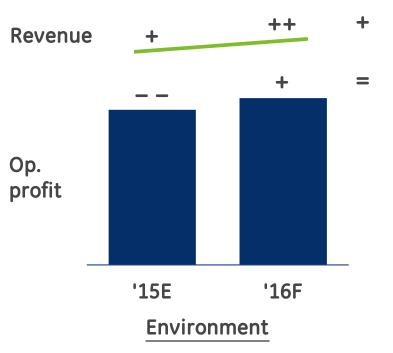
#### **Operating dynamics**

- + Diverse technology & leadership ... demand for HA-technology and expanded scope projects with Alstom
- + Strong core Services growth with new other OEM capacity ... broader Steam portfolio
- + Integrated digital & industrial capability ... productivity & high-margin software
- + Continued momentum on product cost
- Manage HA launch margins & continued investment costs
- Execute on Alstom integration ... delivery synergy commitment

#### Improved global competitive position with Alstom ... positioned for growth



# Renewable Energy



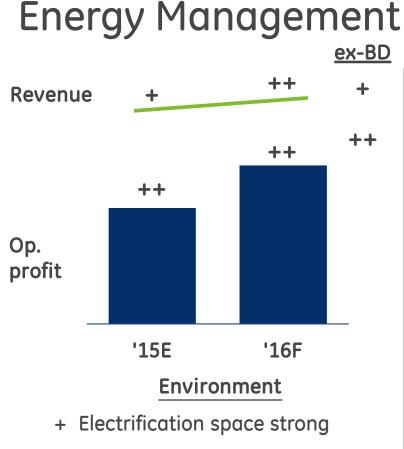
- + Fastest growing energy market
- + Most of renewable energies at grid parity
- + Push towards CO<sub>2</sub> free energy continues
- Challenging new product transitions
- ✓ Volatile public policy

#### **Operating dynamics**

- + Continue to win and grow globally
- + Driving aggressive product cost out actions leveraging supply chain capabilities ... direct material deflation and logistics playbook
- + Expand services and digital capabilities on current combined installed base
- GE onshore wind new product transition; manage Alstom backlog ... higher investment in product leadership
- Execute on Alstom integration ... delivery synergy commitment

#### Positioned to deliver high returns





- + Positive competitive dynamics
- + More renewables on grid
- Oil price pressure remains

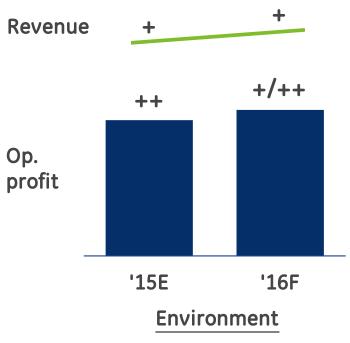
#### **Operating dynamics**

- + Focused investment to advance core products and drive cost out
- + Expanding the GE Store ... GE2GE / GE4GE
- + Grow Grid Solutions on combined GE/Alstom strengths ... grow EBoP, develop service model
- + Portfolio strength ... Renewables growth offsetting Oil & Gas and Marine cycles
- Excess capacity in industry ... China growth
- ✓ Execute on Alstom integration ... delivery synergy commitment

#### Business positioned for long-term growth & margin expansion



# Aviation



- +  $\,\,$  fuel costs ... airline profitability  $\,\,$
- + Continued strength in passenger traffic
- = Moderating global trade (freight) growth
- Military spend is uncertain

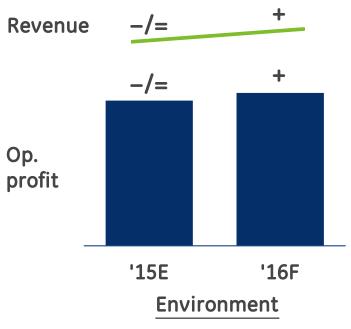
#### **Operating dynamics**

- + Winning with commercial portfolio ... record backlog
- + Investing in differentiated technologies ... Military and advanced turboprop development underway
- + Strong services backlog growth to ~\$110B ... digital capability fueling reinvestment & driving margins
- Continued Military unit volume declines ... excess war-ready inventories persist
- ✓ Engineering and supply chain execution critical ... positioned for new product volume

#### Delivering through commercial product transition



# Healthcare



- + Developed markets continue to grow
- Emerging markets pressured
- FX headwind
- + Customers pursuing productivity without compromising quality
- + Bio-pharma market expanding

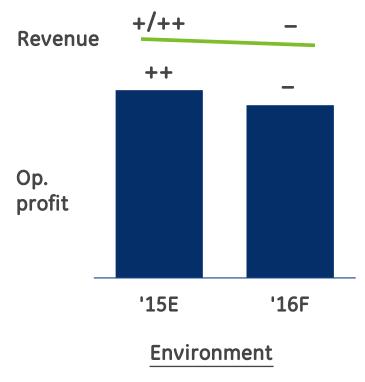
#### **Operating dynamics**

- + Life Sciences expansion continues, led by bioprocess growth ... enterprise solutions ... superior competitive position
- + IT/cloud-based solutions key tools driving customer productivity ... services & partners
- + Growth of value segment and integrated analytics to enable precision medicine
- Funding for global healthcare markets is uncertain
- Margin expansion through investment in product cost out & continued SG&A execution

#### Business positioned for long-term growth



# Transportation



- + Opportunity for global expansion
- Parked cars 个 in North America
- Continued commodity price pressure

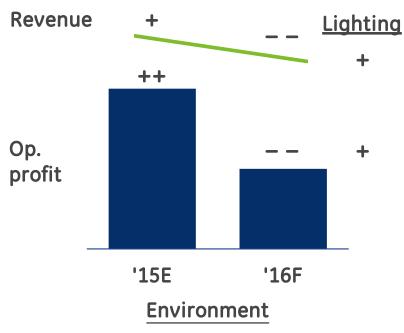
#### **Operating dynamics**

- + Continuing to drive technology as a differentiator ... T4 locomotive performing above expectations
- + Winning globally ... significant 2015 orders with international customers ... record backlog
- + Significant cost/restructuring actions to partially offset volume headwind
- + Driving digital expansion ... targeting double-digit growth
- Loco volume projected  $\downarrow$  ... record '15 deliveries, return to normal levels
- Mining/oil & gas markets remain flat/down ... global commodity weakness expected to continue
- $\checkmark$  Must manage through cycles

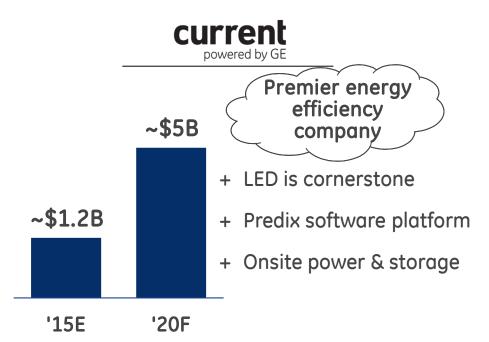
#### Team thoughtfully navigating dynamic environment



# **Appliances & Lighting**



- + Appliances industry remains robust in increasingly competitive environment
- + LED market momentum
- Traditional lighting continues decline

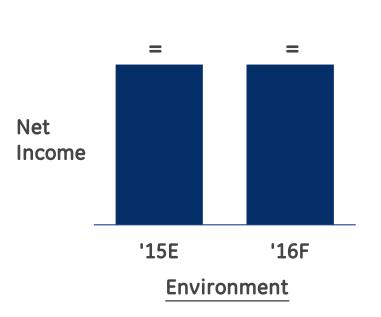


- + Launch customers: Walgreens, HCA, JP Morgan, Simon, Hilton, cities
- + Advanced analytics programs for C&I customers
- + Financing and distribution are key advantages

#### Continuing to grow Appliances and LED businesses while investing in Current



# **GE Capital Verticals**



- + Global interest rates to remain near historic lows despite likely hikes in U.S.
- + Commercial air traffic remains strong
- Continued pressure from O&G prices

#### **Operating dynamics**

- Strong Verticals ... focused on supporting Industrial business
- Aviation portfolio well positioned ... zero delinquencies, no AOG, young fleet
- EFS managing through O&G life cycle ... strong operational rigor and diversified portfolio
- ✓ Launched Industrial Finance to enhance GE Store and customer value proposition

#### Stable earnings profile ... focused on enhancing the GE Store

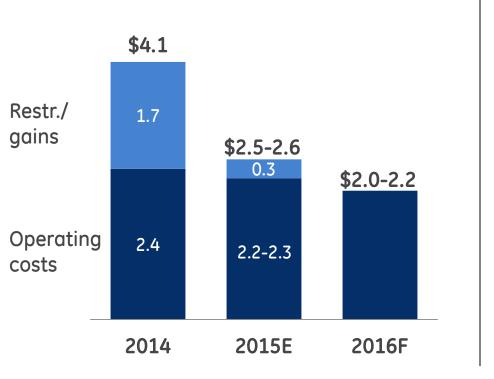


# Corporate

(\$ in billions)

#### Corporate operating costs

(excluding non-operating pension)



#### 2016 Corporate dynamics

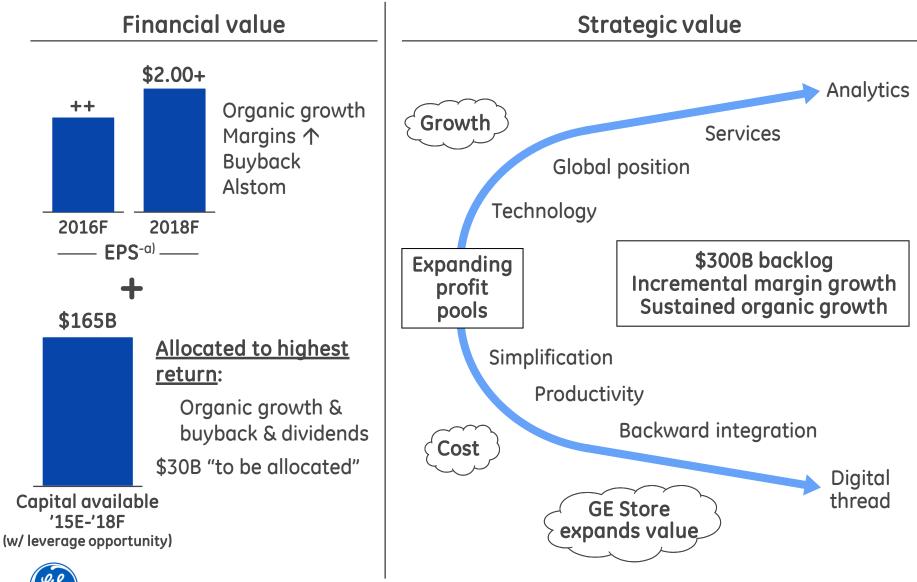
- + Continued reduction in operating costs ... ~\$0.2B from staff, growth, & small benefit from pension costs
- + Growth investments focused on GE Digital expansion
- + Efficiency & productivity in shared services
- + Expect gains and restructuring & other charges to be balanced

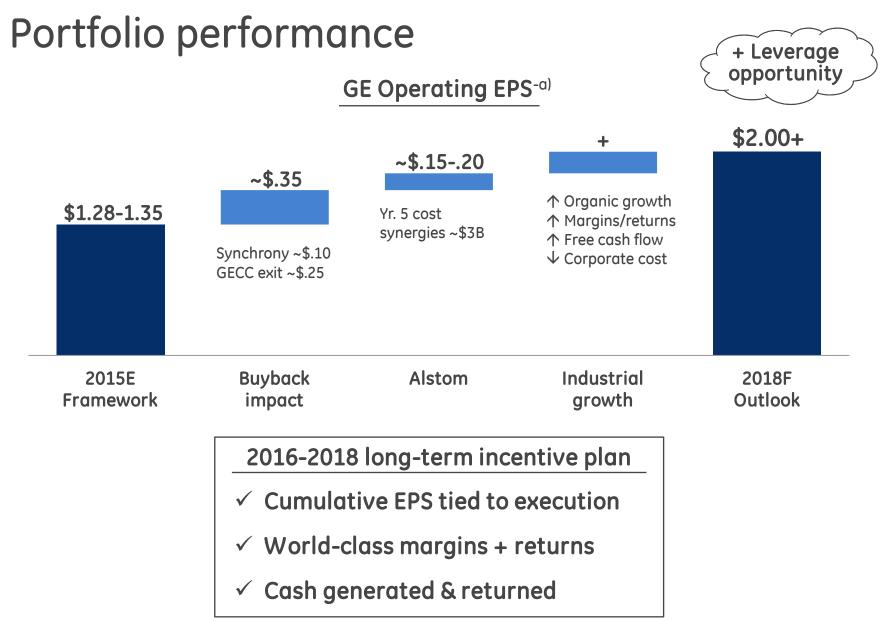
#### Continuing to reduce Corporate costs ... <2% of revenue in 2016



# Wrap-up

# Why GE







# GE culture + investors

- Portfolio stability is valuable ... we know exactly what we must do + are paid to do so
- A world-class Industrial requires balance ... all the pieces are in place at GE: Growth investments Margin momentum Cash to return
- <u>Culture of simplification</u> (a better company to work at) is also a better company to invest in ... leaner structure, smaller Corporate, collaborative GE Store, values speed & transparency
- ✓ <u>A tested team</u> ... every potential environment is better than 2008 in financial services ... understand contingency & risk ... thick-skinned

#### ✓ <u>We win in the market</u>



