

# **GE 2022 Investor Day**

March 10, 2022





This document contains "forward-looking statements" – that is, statements related to future events that by their nature address matters that are, to different degrees, uncertain. For details on the uncertainties that may cause our actual future results to be materially different than those expressed in our forward-looking statements, see <a href="https://www.ge.com/investor-relations/important-forward-looking-statement-information">https://www.ge.com/investor-relations/important-forward-looking-statement-information</a> as well as our annual reports on Form 10-K and quarterly reports on Form 10-Q. We do not undertake to update our forward-looking statements. This document also includes certain forward-looking projected financial information that is based on estimates and forecasts. Actual results could differ materially.

#### **NON-GAAP FINANCIAL MEASURES:**

In this document, we sometimes use information derived from consolidated financial data but not presented in our financial statements prepared in accordance with U.S. generally accepted accounting principles (GAAP). Certain of these data are considered "non-GAAP financial measures" under the U.S. Securities and Exchange Commission rules. These non-GAAP financial measures supplement our GAAP disclosures and should not be considered an alternative to the GAAP measure. The reasons we use these non-GAAP financial measures and the reconciliations to their most directly comparable GAAP financial measures are included in our earnings releases and the appendix of this presentation, as applicable.

Amounts shown on subsequent pages may not add due to rounding.

GE's Investor Relations website at <a href="www.ge.com/investor">www.ge.com/investor</a> and our corporate blog at <a href="www.gereports.com">www.gereports.com</a>, 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.

# **SAFETY**Moment

## FOR TODAY...

- In case of emergency, use exits located on the side of the building
- 2 Utilize Personal Protective Equipment (PPE) during site tours
- 3 Site Covid-19 protocols: masks not required
- Above all, don't hesitate to stop work

# GREENVILLE'S LEAN TRANSFORMATION

Put the operator at the center

Identified wasted motion

Connected operations on the floor

## **MAKING IT REAL**

More than 300 operators participated in Kaizen events

Eliminated 400,000 "lifts" per year or 10 million pounds

Eliminated 10 miles of walking/forklift movement per day

All Greenville manufacturing lean actions combined reduced the number of recordable injuries by 60%

## **GE 2022 Investor Day agenda**



| 6:45AM  | BREAKFAST, HEALTHCARE INNOVATION SHOWCASE                 |                       |  |
|---------|---|-----------------------|--|
| 7:30AM  | Safety moment   | John Kenney           |  |
|         | Welcome   | Steve Winoker         |  |
|         | GE Overview   | Larry Culp            |  |
|         | GE Healthcare, followed by Q&A                            | Peter Arduini & team  |  |
|         | GE Renewable Energy & Power, followed by Q&A              | Scott Strazik & team  |  |
| 9:20AM  | BREAK   |                       |  |
| 9:35AM  | GE Aviation, followed by Q&A                              | John Slattery & team  |  |
|         | GE Financials   | Carolina Dybeck Happe |  |
|         | Closing, followed by Q&A                                  | Larry Culp            |  |
| 11:00AM | LUNCH, POWER & AVIATION INNOVATION SHOWCASES & LEAN TOURS |                       |  |



GE INVESTOR DAY | March 10, 2022

# GE Overview

Larry Culp | Chairman & CEO

## Why GE is positioned to create value today



## 1

#### STRONG FRANCHISES

- Leading positions in growing, critical sectors ... advancing precision health, energy transition, future of flight
- Differentiated technology ... investing in innovation to solve customer needs
- Global reach ... close customer relationships, growing installed bases, essential services

## 2

#### BEING RUN BETTER FOR THE LONG TERM, TODAY

- Team ... deep domain expertise, resilience, driving lasting culture change
- Lean ... leading to sustainable improvements in safety, quality, delivery, cost, & cash management
- Decentralization ... decision-making & accountability closer to the customer

## 3

#### DELIVERING BETTER RESULTS FOR SHAREHOLDERS, TODAY AND TOMORROW

- Sustainable financial performance ... revenue growth, margin expansion, earnings growth, FCF\* conversion
- Solid balance sheet & cash position ... supporting greater capital deployment for organic & inorganic growth
- Plan to create three companies a natural evolution ... businesses positioned to realize full potential

Profitable growth built on a foundation of lean ... a new day for GE

## Our businesses today: Innovative, durable franchises











|                       | HEALTHCARE | RENEWABLE<br>ENERGY | POWER | AVIATION | TOTAL      |
|-----------------------|------------|---------------------|-------|----------|------------|
| 2021 Backlog          | \$19B      | \$32B               | \$74B | \$303B   | \$428B     |
| Services % of backlog | 66%        | 41%                 | 81%   | 88%      | 83%        |
| 2021 Revenue          | \$18B      | \$16B               | \$17B | \$21B    | \$71B*-a)  |
| Services % of revenue | 49%        | 16%                 | 70%   | 65%      | <u>52%</u> |
| 2021 Profit Margin %  | 16.7%      | (5.1)%              | 4.3%  | 13.5%    | 6.5%*-a)   |

| Vast glol | bal  |
|-----------|------|
| installed | base |

**4M+** installations **2B+** patient exams per year

400+ GW of renewable energy equipment **7,000+** gas turbines

~39,400 commercial<sup>-b)</sup> & ~26,200 military aircraft engines Growing higher-margin services

<sup>\*</sup> Non-GAAP Financial Measure

<sup>(</sup>a - revenue excludes Insurance

<sup>(</sup>b – Including GE and its joint venture partners

## Delivering profitable growth



#### LEAN AT THE FOUNDATION







LASTING CULTURE CHANGE

**Acting with humility** 

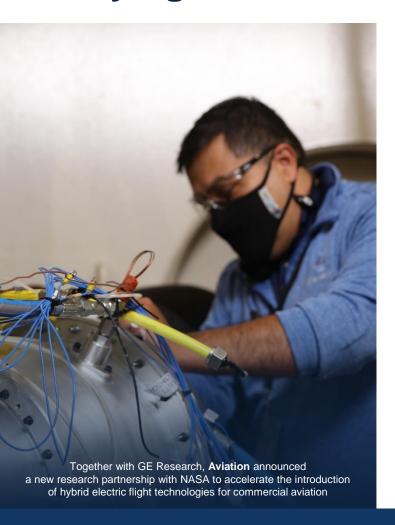
**Leading with transparency** 

**Delivering with focus** 

Driving safety, quality, delivery, & cost improvements in GE's nearly 30 business P&Ls

## Playing offense: Innovation, growth & profitability





#### **IMPROVING OPERATIONS FIRST**

Safety, quality, delivery & cost a must ... driving shorter lead times, growth & profitability

#### PRIORITIZING ORGANIC INVESTMENTS

Market, sell & service products we have today

Strengthen offerings with new product introductions

Technology to lead industries forward

#### COMPLEMENTED BY INORGANIC INVESTMENT

Strategic M&A to expand competitive capabilities

Fortifying competitive positions globally & unlocking upside potential

## 2022 Outlook

One-column reporting format

| Organic revenue growth*       | HSD             |
|-------------------------------|-----------------|
| Adjusted op margin expansion* | 150+ bps        |
| Adjusted EPS*                 | \$2.80 - \$3.50 |
| Free cash flow*               | \$5.5B - \$6.5B |

#### **NEAR-TERM IMPROVEMENTS IN BUSINESSES**

- **Healthcare:** Order demand remains strong despite supply chain disruptions ... continuing to invest in growth while managing costs
- **Power:** Global gas demand remains steady ... GE gas turbine utilization supporting stronger services & cash generation
- Renewable Energy: Increasing selectivity & managing cost at Onshore Wind ... global demand continues at Offshore Wind
- Aviation: Confident in continued market recovery ... positioned to lead as the commercial aftermarket recovers & military grows

Continued momentum in 2022 ... path to ~\$10B adj. op profit\* & >\$7B FCF\*-a) in 2023

## Creating independent, investment-grade, industry leaders









Greater focus & accountability by business





Preparing for three companies, a natural evolution of our progress ... positioned to realize full potential

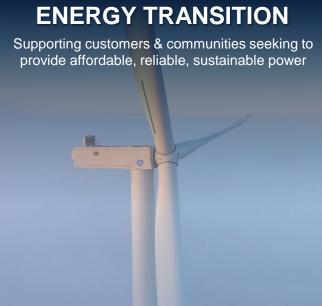
Revenue figures are FY'21

<sup>(</sup>a - Excludes GE Digital, EFS and Power-Renewables eliminations

## Leading in important growth sectors









#### Long term through the cycle

Org. revenue growth\*

Profit margin

FCF conversion\*-a)

MSD
High teens to 20%
100%+

LSD HSD 80%-90%

MSD
High teens to 20%+
90%+

#### Shaping the future ... building a world that works



GE INVESTOR DAY | March 10, 2022

# GE Healthcare

**Peter Arduini** | CEO

Helmut Zodl | CFO

Roland Rott | CEO, Ultrasound

Catherine Estrampes | CEO, U.S. & Canada

Yihao Zhang | CEO, China

## **Healthcare: Focus areas**



#### FIRST DAYS IN ROLE

- >30 Customer meetings
- 12 Sites visited ... Gemba
- Monthly operational meetings with businesses & regions
- Analyst & investor engagement
- Senior management team kick-off
- International site visits
- All-employee town halls
- Enterprise risk discussions
- New product pipeline review



- **Growth and innovation**
- **7** Focus & fundamentals
- **3** Optimizing for speed and agility
- Design our bold path forward

## Enabling precision health ... built around patient and customer



Leading innovator enabling personalized and precision health through integrated clinical care, connected technology, and data across patient journey

Improving lives in the moments that matter, for both patient and caregiver

# Health system efficiency & access

- Demand for efficiency & flexibility where care is delivered
- Cost-effective products to increase access

## MARKET NEEDS

#### Improved outcomes

- Specific data insights to make informed decisions
- Advancements in diagnostics, monitoring, & therapeutics

### **Digitization of health**

- More precise diagnostics, better interoperability, improved workflow
- Seamless integration of artificial intelligence to improve outcomes

Underpinned by more resilient, sustainable practices and products, while growing access to care

## **Healthcare: Key messages**





#### GLOBAL FRANCHISE DRIVING PRECISION HEALTH INNOVATION

- At nexus of care pathways ... integrated tech, solutions, data complemented by higher-margin services
- Powerful secular growth drivers: aging population, chronic disease, emerging markets
- Trusted partner with strong global presence

#### DRIVING OPERATIONAL PERFORMANCE USING LEAN

- Focus on fundamentals to accelerate top & bottom-line growth
- Increased investment in pipeline and R&D productivity
- Margin expansion leveraging lean and continued strong FCF\* generation

## PLANNED SPIN-OFF ENABLES GROWTH ACCELERATION ON BOTH TOP AND BOTTOM LINE

- Optimized organization ... enables speed, agility, customer focus
- Focused investments in markets where we lead with expansion into higher-value franchises
- Strong global franchise, favorable market fundamentals, continued tuck-in M&A

# REGIONS

## Strong leadership across businesses and regions





Jan Makela **Imaging** 



Roland Rott **Ultrasound** 



Tom Westrick **Life Care Solutions** (LCS)

K K



Kevin O'Neill **Pharmaceutical Diagnostics (PDx)** 





Catherine Estrampes **USCAN** 



Rob Walton **EMEA** 



Yihao Zhang China



Elie Chaillot Intercontinental



Helmut Zodl **CFO** 



Betty Larson **CPO** 



Frank Jimenez GC

Building an agile, accountable, focused org and culture ... aligned to customers

## **GE Healthcare: 2021 by the numbers**







1B+ Patients served



48K

**Employees** 



~50% services-a)





160

Countries served



55%+

Outside U.S.



4M+ Installed base



Digital apps



16.7% Reported margins



**Businesses** with leading industry positions

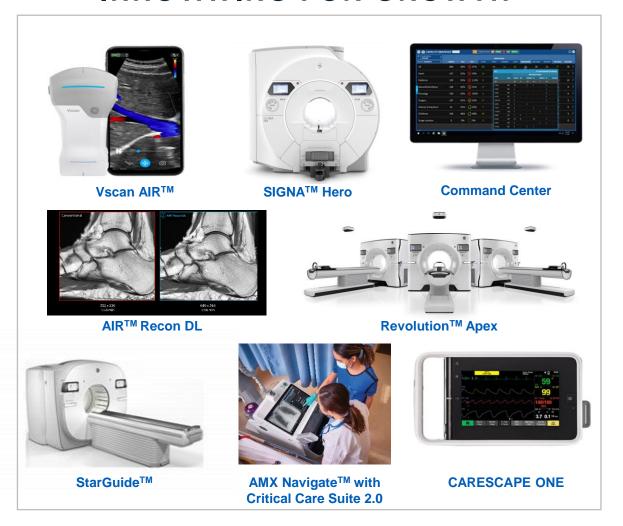


>100% FCF conversion\*-b)

## Highlights over the last year

## (ge)

#### INNOVATING FOR GROWTH



#### **EXPANDING OUR PLATFORMS**



#### **BK Medical Acquisition**

Expanding Ultrasound portfolio with advanced surgical visualization and navigation



#### **Zionexa Acquisition**

Enables more targeted treatment for metastatic breast cancer patients

## Convergence of care to deliver precision health



#### MARKET DRIVERS

- The volume of healthcare data continues to grow... 50 petabytes of data per hospital, 36% data growth per year
- Healthcare systems increasingly seek to merge clinical medicine with data science
- Need to aggregate and integrate data—imaging, genomic, and proteomic—for better insights

GE Healthcare is at the center of an ecosystem working toward precision health—better patient outcomes, productivity, and seamless workflow integration

#### **DIAGNOSTICS**

Imaging, diagnostics, and genomic data to customize care plans

#### **THERAPY**

Right therapeutics

at right time ...
enabled by
diagnostics, imaging,
guidance, and highly
specific data

#### **MONITORING**

Enabling mobile
visualization, care-team
collaboration, and clinical
decision support–in real
time

## A leader in the sectors where we compete



| Global sectors                  | IMAGING  | ULTRASOUND | LIFE CARE SOLUTIONS (LCS) | PHARMACEUTICAL DIAGNOSTICS (PDx) |
|---------------------------------|----------|------------|---------------------------|----------------------------------|
| Sector size '21 <sup>-a)</sup>  | \$23B-b) | \$7B-b)    | \$8B <sup>-c)</sup>       | \$10B                            |
| Sector CAGR '21 - '24-a)        | MSD      | MSD        | LSD                       | MSD                              |
| GEHC '21 revenue <sup>-d)</sup> | \$10B    | \$3B       | \$3B                      | \$2B                             |

#### Leading positions in \$75B+ global healthcare sector with MSD growth



**ENTERPRISE DIGITAL SOLUTIONS** 

Sector size '21-a,e) \$5B, LDD

GEHC '21 revenue-f) \$1B



**SERVICE & REPAIR** Sector size '21-a) \$24B, LSD

GEHC '21 revenue<sup>-g)</sup> \$6B

Care Pathways (Cardiology, Oncology, Neurology, Orthopedics)

<sup>(</sup>a - GE Estimates

<sup>(</sup>b - Equipment

<sup>(</sup>d - Healthcare Systems includes Imaging, Ultrasound and Life Care Solutions (LCS)

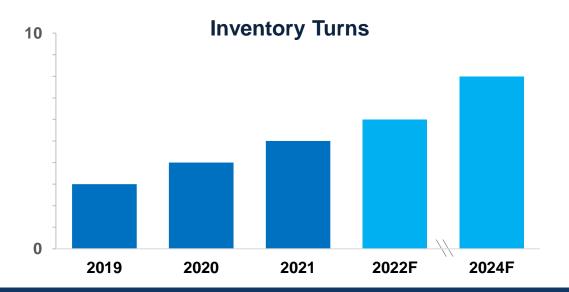
<sup>(</sup>f - Represents total Digital revenue included in HCS Imaging, Ultrasound and Life Care Solutions figures above (e – Digital includes Enterprise Imaging (Radiology IT, Cardiology IT), Advanced Visualization and Al-based Clinical Apps (g – Service & repair revenue included in HCS Imaging, Ultrasound and Life Care Solutions figures above

## **Ultrasound: Lean transformation**



#### TRANSITIONING FROM MAKE-TO-STOCK TO MAKE-TO-ORDER

- Ship direct from factories to customers
- Convert our value chains to lean replenishment
- Reduce supplier lead times



#### **IMPACT**

- √ (30)% reduction in customer delivery lead time
- ✓ Simplified supply chain planning & execution
- ✓ Optimized infrastructure cost
- ✓ World-class product availability & customer experience

#### Photos from the Gemba ...







Lean focus positively impacts customers with broader product availability & improved lead times

## **Video: Lean in Ultrasound**





## Healthcare: Long term outlook through the cycle





Healthcare plans to deliver MSD revenue growth\*-a) while expanding margin profile



Healthcare: Financials

**Helmut Zodl | CFO** 

## **Healthcare: Outlook for 2022**





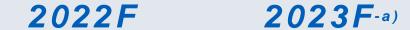
Accelerating growth across continuum of care

## Healthcare: Revenue growth



- ✓ Market growth and positive dynamics
- ✓ Need for precision care
- ✓ R&D technology investment & innovation
- ✓ Therapy and surgery solutions
- ✓ Go-to-market and care pathways

~50% recurring revenues





LSD-MSD\*-b) MSD\*-b)

| Organic Growth | 2020 | 2021 |
|----------------|------|------|
| Orders         | 1%   | 10%  |
| Revenue*       | 4%   | 1%   |

Strong, global Healthcare franchise delivering better outcomes for patients and customers

## **Healthcare: Margins**



- ✓ Footprint and portfolio optimization
- ✓ Lean enabled productivity
- ✓ Pricing discipline / inflation management
- ✓ Tuck-in M&A
- ✓ Recurring services & software growth

**Decentralized operating structure** 



2022F

25-75+ bps OMX\*-b) \$3.0B - \$4.0B profit

2023F-a)

| Organic           | 2020   | 2021  |
|-------------------|--------|-------|
| Margin Expansion* | 190bps | 70bps |

Opportunity over time to evolve margin profile and address critical patient needs

## Healthcare: Free cash flow\*



- ✓ Investment-grade credit rating
- ✓ Profitability & ROI focus
- Working capital management
- ✓ CAPEX investment for growth
- Disciplined M&A

Improving operational linearity

2022F

2023F-a)



Up
>100% conversion\*-b) >100% conversion\*-b)

**Ex-BioPharma** 2020 2021 FCF\*-b) \$2.7B \$2.7B FCF Conversion\*-b) >100% >100%

Enhanced capital allocation & strategic flexibility to enable growth

<sup>\*</sup> Non-GAAP Financial Measure (a- Pre-spin

## Healthcare: Spin update





#### **OPERATING APPROACH**

- 95% of company 100% focused on day-to-day business performance
- Dedicated Separation Management Office driving workstreams ... Transforming what makes sense

- Key decisions to be made during process: Operating model, operational separation, capital structure, brand, corporate governance ...
- Business and regional segment details, stand-alone costs and capital structure available closer to spin



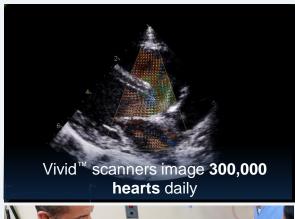
# Healthcare: Ultrasound

Roland Rott | CEO, Ultrasound

## Well positioned in growing global ultrasound market





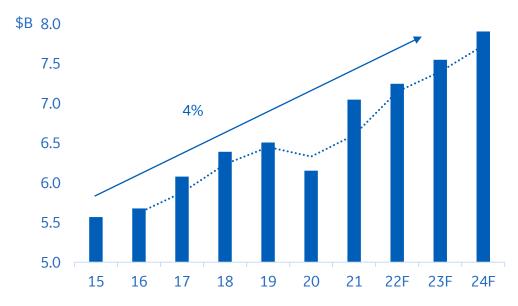




# Ultrasound: resilient, mid-single digit growth market based on unique healthcare proposition

- Real-time
- Radiation free
- Cost-effective
- Versatile clinical applications





## Serving the continuum of care with a unique portfolio





ULTRASOUND DIGITAL SOLUTIONS

← DIAGNOSTICS THERAPIES MONITORING →

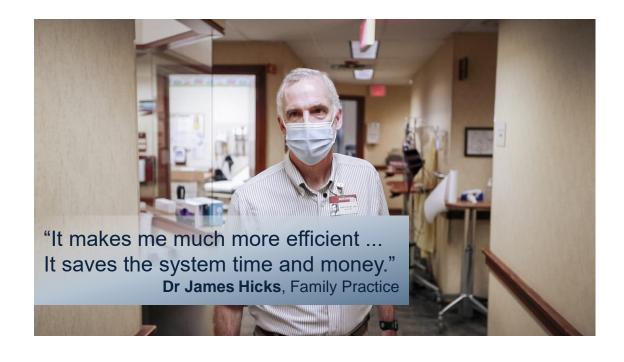
## Vscan Air: innovative handheld ultrasound

(ge)

See more. Treat faster.

- Reinventing & miniaturizing GE's high-quality ultrasound
- Pocket-sized ultrasound that provides crystal clear image quality, whole-body scanning capabilities, intuitive software
- Wireless with iOS and Android smartphone support





Not all products or features are available in all geographies

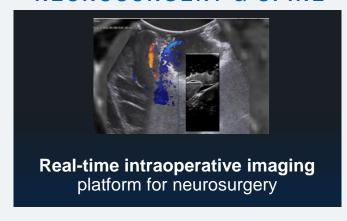
## BK Medical: entry into operating room with surgical navigation

Better care. Faster surgeries.

- Active imaging solutions to provide surgeons with real-time critical information so that they can deliver faster, more personalized care
- Strategic, highly complementary addition to growing, profitable Ultrasound business
- Expands GE Healthcare beyond diagnostics into surgical and therapeutic interventions, as well as minimally invasive & robotic surgery



#### **NEUROSURGERY & SPINE**



#### **GENERAL SURGERY**



**UROLOGY** 



#### Ultrasound meets surgery with real-time surgical visualization

Not all products or features are available in all geographies

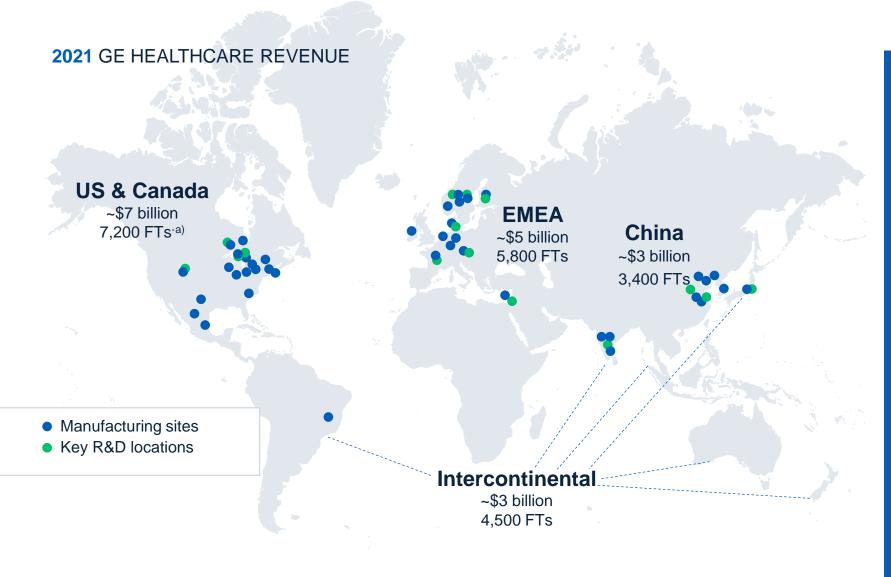


# Healthcare: Regional Capabilities

Catherine Estrampes | CEO, U.S. & Canada

## Trusted partner with strong global presence





#### 2021 GE HEALTHCARE

#### LOCAL, GLOBALLY

Global sales force >10,000; 1,500 channel partners to expand our reach; and 8,000 field engineers

# INTEGRATED SUPPLY CHAIN

regions with 41
manufacturing sites
delivering quality products
and enabling world-class
customer experience

# INNOVATION CLOSE TO CUSTOMERS

R&D at >20 locations in 8 countries

Includes ~50% services revenue

# Extensive customer infrastructure to meet needs across care delivery settings



#### **GE'S UNIQUE STRENGTHS**

# WHERE WE DELIVER CARE

# TACKLING MAJOR CARE AREAS

#### **Unrivaled customer access**

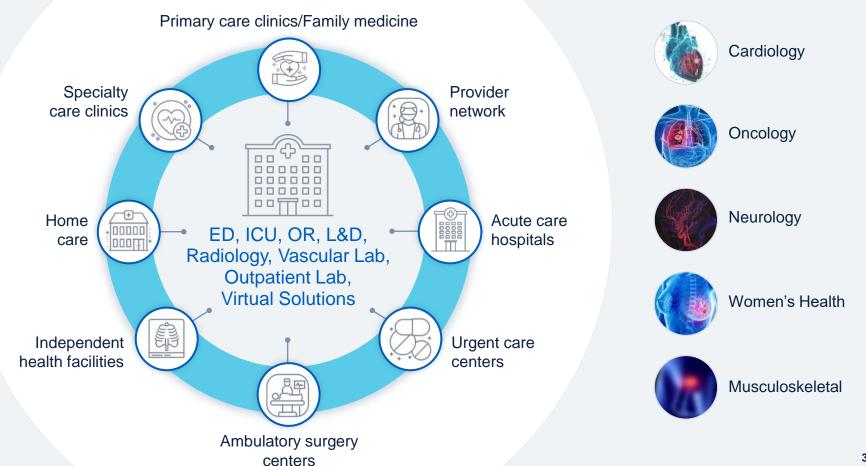
- Touching dept's across hospital
- Addressing major disease states
- Deep engagement with KOLs

#### **Technology leader**

- A leader across sectors
- Digital/Al integration

# **Strong growing franchise**

- Long-term partnerships
- · Best-in-class service



# **Video: Marty Paslick, CIO, HCA Healthcare**







# Healthcare: China

Yihao Zhang | CEO, China

# **Video: GE Healthcare – China Spotlight**





#### **Healthcare: China**



#### **POSITIONED TO WIN IN CHINA**



Data sources: third party estimates



# Healthcare: Digital Integration

**Peter Arduini | CEO** 

## **Edison™ Digital Health Platform**



Designed to enable better patient outcomes, productivity, and seamless workflow integration

1 Operating layer

 "Connect once" with operating layer, on premise or cloud, single interface, common viewing tools, secure integration to data sources including EMR.



EDISON
DIGITAL HEALTH

**PLATFORM** 

Flexible, data aggregator to improve clinical insights, reduce IT burden and increase productivity



 Machine learning tools enable Al development, orchestration engine to invoke existing Al algorithms in clinical workflow

**7** Development platform

 Tools for GE and third-party developers to accelerate development of clinical workflow and AI-enabled apps



▲ Enterprise data optimizer

 Multi-modal data aggregation, data transformation, and processing for clinical and operational insights



2021 total healthcare digital revenue of ~\$1B including Edison Apps, Command Center & Enterprise Digital Solutions

#### **AIR™ Recon DL**



#### AIR™ RECON DL

- Advanced MRI image quality
- Sharp, clear, accurate images provide reliable diagnosis for clinicians
- Improved MRI experience for **patients** ... scan time reduction of up to 50%-a)

# Conventional



#### **HOW IT WORKS?**

- MR raw data acquisition complicated ... significant errors due to noise
- Deep-learning fills in and corrects raw data quickly and accurately

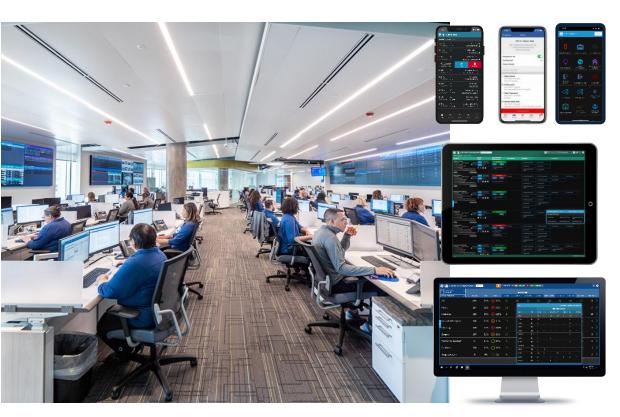




\*calculated by IB data with estimation 20 scans per day, 5.5 working day in a week, fully start using AIR™ Recon DL 4 weeks after delivery. (as of Jan 2022)

#### **GE Healthcare Command Center**





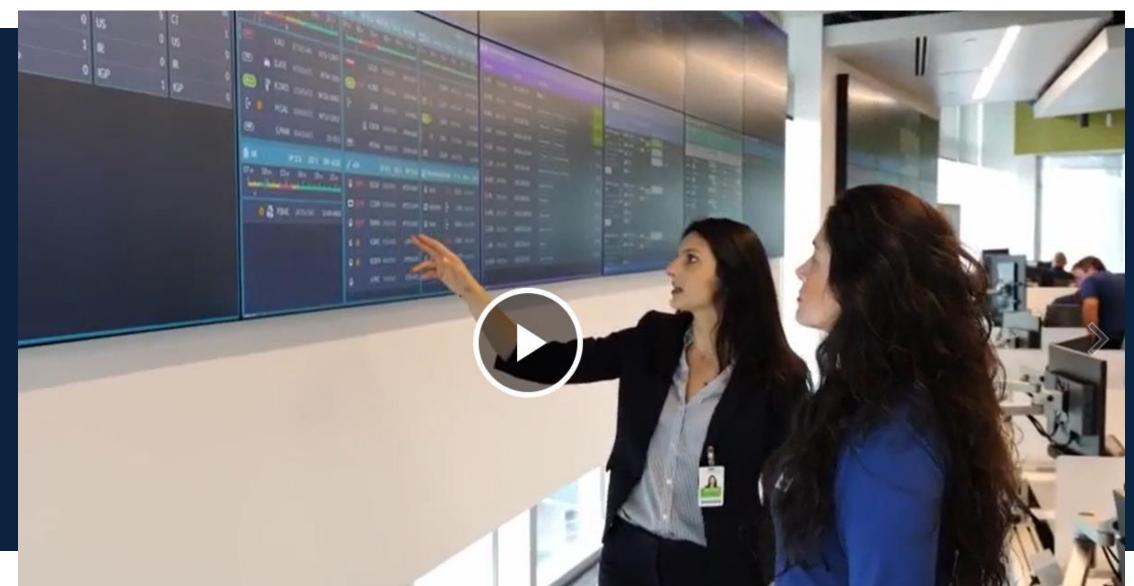
Credit: AdventHealth Mission Control, Orlando, FL

# REAL-TIME INSIGHT MAKES CARE MORE EFFICIENT

- Real-time patient overview & predictive suggestions
- Up to 500K messages a day in typical setting
- **300+** hospitals globally
- Reduced length of stay<sup>-a)</sup>
- Increase bed & OR utilization-a)
- Reduced code blues<sup>-a)</sup>
- \$40M efficiency savings over ~1 year-b)

## **Video: Command Center – GE Healthcare**





# **Summary**



 Global franchise driving precision health innovation to address critical patient/clinical challenges

 Driving operational performance using lean leading to higher growth, continued margin expansion and FCF\* generation

• Spin-off: excellent opportunity to optimize organization for speed and agility, building faster growth profile through portfolio focus and M&A

\*Non-GAAP Financial Measure



\_ Q&A



GE INVESTOR DAY | March 10, 2022

# GE Renewable Energy & Power

Scott Strazik | CEO, GE's global energy business portfolio

Martin O'Neill | Head of Strategy, Gas Power

Pat Byrne | CEO, Onshore Wind

Philippe Piron | CEO, Power Conversion and CEO, Grid Solutions

Ramesh Singaram | CEO, GE Asia and CEO, Gas Power - Asia

Heather Chalmers | CEO, GE Canada

# The opportunity to grow and decarbonize the energy sector is large ... solving for sustainability, reliability, and affordability



- Electricity generation growing ~50% by 2040
- ~13 gigatons of carbon emitted by the Power sector
- ~800 million people without access to electricity
- \$10-15 trillion investment required over ten years<sup>-a)</sup>

Excited to integrate the world's most diverse power, renewable, and digital portfolio together to solve the energy trilemma

## Renewable Energy and Power: Key messages





#### POWER ON TRACK FOR STABLE EARNINGS AND CASH GENERATION

- Completing Gas turnaround ... steady demand & services growth, lean taking hold
- Steam strategic pivot on track ... primarily services go-forward

# RENEWABLE PORTFOLIO POSITIONED FOR GROWTH; FOCUSED ON RUNNING THE BUSINESSES BETTER

- Resetting underwriting perimeter and cost-structure for Onshore Wind ... while scaling lean
- Focus on Haliade-X execution
- Serving grid modernization needs ... operational improvements and investing for growth

# CREATING CAPACITY TO INVEST AND INNOVATE FOR GROWTH AND DECARBONIZATION

- This decade of action: Haliade-X, Opus One, HAs, Aero
- Future decades at scale: SMR, CCUS, H2

# Renewable Energy and Power: 2021 by the numbers





1/3

World's electricity generated with the help of our technology



70K

**Employees** 



\$33B

Revenue<sup>-a)</sup> ~44% services



**7K** 

Gas turbines installed... world's largest fleet



2

World records held for combined cycle efficiency



**\$7B** 

EFS-enabled orders



**52K** 

Wind turbines installed in more than 35 countries



#1

Position in U.S. wind installs<sup>-b)</sup>



~\$1B

R&D investment



30%

Global T&D utilities served by our software



Haliade-X rotor size



\$106B

Backlog

## Renewable Energy and Power: Highlights over the last year



#### **Key Commercial Wins**



Ocean Wind Haliade-X Pattern Energy 2 MW turbines Invenergy 2 MW turbines Pulau Indah 9HA GT Tongyeong 7HA GT

Dogger Bank C Haliade-X Guangdong 9HA GT H2 blended Aero LM2500Xpress in Colorado 225 kV substation in Senegal

#### LEADING THE ENERGY TRANSITION

#### GRID



SF6-free switchgear in Norway

#### **HYDROGEN**



Australia's first gas and hydrogen plant

#### CCUS



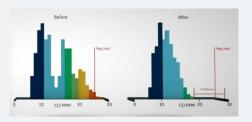
DOE awards \$5.7M FEED study

#### Fleet & Portfolio Milestones



HA fleet 1M hours Haliade-X prototype at 14MW 1<sup>st</sup> HA repair at Singapore facility Grid Digital ADMS release Opus One acquisition Agreement to sell part of Steam Power's Nuclear activities

#### DIGITAL



Al enabled Autonomous Tuning to reduce CO2

#### **NUCLEAR**



BWRX-300 SMR selected for OPG

#### RENEWABLES



Blade recycling agreement established

## **Energy sectors where we operate**









**CONVENTIONAL POWER** 

WIND

**ELECTRIFICATION** 

| Global sectors                       | Gas, Steam,<br>Nuclear, Hydro                                | Onshore and Offshore   | Grid T&D hardware and software                            |
|--------------------------------------|--|--|---|
| Sector size '21-a)                   | ~\$100B  | ~\$ <b>70</b> B  | ~\$60B  |
| Sector CAGR '21 - '30 <sup>-a)</sup> | LSD Stable baseload; zero-carbon pathways for gas (H2, CCUS) | HSD Electricity growth with zero- carbon; policy and capital | MSD/HSD<br>Modernization of the<br>grid, remote grid play |
| GE '21 revenue, % services-b)        | ~\$17B, ~70%   | ~\$12B, ~15%   | ~\$5B <sup>-c)</sup> , ~20%                               |

Leading position in ~\$230B global energy sector where we operate... complementary portfolio of GE technology to grow & lead energy transition

<sup>(</sup>a – GE Estimate of Served Available Segment, Capex and services

<sup>55</sup> 

# Renewable Energy & Power: Long-term outlook through the cycle @





Stable margins, strong FCF\* from Power funding profitable growth in Renewables and Digital

#### **Power financials**



#### **KEY DRIVERS**

- ✓ Gas Power: Revenue up LSD\*-a) with DD margins by '23 ... services installed base, aero growth, lean
- ✓ Steam Power: Transforming to services focused business ... \$1B+ revenue, DD margins by '24
- ✓ Power Conversion: HSD\*-a) revenue growth, MSD margins in '22
- ✓ Nuclear: Stable topline, investing in SMR.
- ✓ FCF\* driven by earnings growth in all business, lower steam coal-exit impact, and working capital improvements (Inventory, Contract assets)

|                               | 2021             | 2022F                       | 2023F                       |
|-------------------------------|------------------|-----------------------------|-----------------------------|
| Organic<br>revenue<br>growth* | \$16.9B,<br>(4)% | LSD                         | LSD                         |
| Op març<br>Op profi           |                  | Up,<br>\$1.0-1.2B           | HSD,<br>\$1-2B              |
| Free cas                      | sh \$1.2B        | Up,<br>> 150%<br>conversion | Up,<br>> 100%<br>conversion |

On path to HSD margin, \$1-2B profit in '23 ... stable, reliable cash growth from earnings

#### Gas Power: Installed base foundation



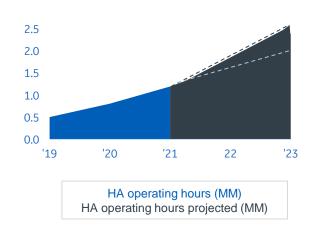
#### **INSTALLED BASE**

- Expect LSD growth in global gasbased generation electricity
- Strong GE fleet utilization ...
   MWhrs growth outpacing market



#### HAs

- 134 units ordered; 66 COD, most units running baseload ... services billings ~\$1B/yr by mid-'20s
- Major outages ~4 yrs. post COD, billings stream growing w/ hours



#### **AERO EQUIPMENT**

- Demand growth supporting REN penetration increase
- '21 orders > \$1B ... deliveries ramping from '22 onwards



7,000+ GTs ... almost double the nearest peer installed base ... service, HA & Aero opportunities ahead

## **Gas Power: Lean outage transformation**



# TRANSFORMING OUTAGE EXECUTION ... APPLYING LEAN AT POINT OF IMPACT

- → Training and utilizing experienced core crew teams
- → Improving material presentation; providing lean toolkits
- → Digital **live outage** ... kiosks, tablets connectivity



#### **IMPACT**

✓ Engaged teams, better safety and quality outcomes

√ (30)% reduction in outage cycle time

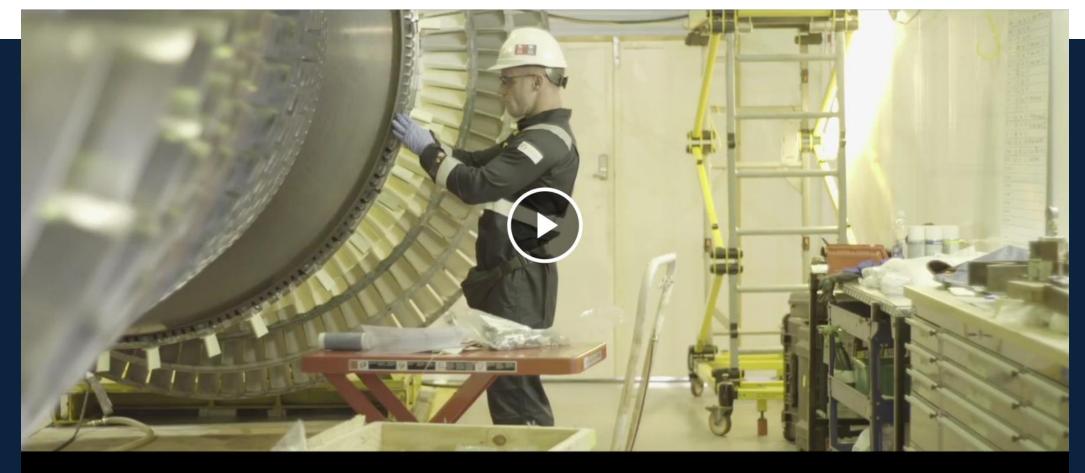
✓ Lower cost to execute, with better OTD

✓ Enables customers to plan for higher turbine uptime

Lean all about customer impact ... live outage improvements transforming services capabilities

# **Video: Live Outage – Gas Power**





and the GE and FieldCore teams are there during outages

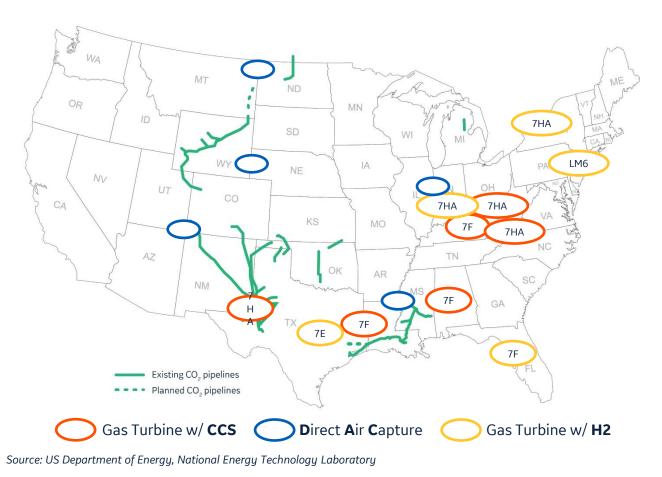


# Decarbonization

Martin O'Neill | Head of Strategy, Gas Power

#### **Gas Power: Carbon Solutions**





#### CARBON CAPTURE & STORAGE (CCS)

- Clear role of CCUS in the energy transition
- US has existing CO<sub>2</sub> pipelines, developing pricing mechanisms, \$12B funding passed in '21 Infra act
- GE well positioned in this developing segment:
  - Largest IB ... strong systems integration experience
  - Meaningful R&D and Intellectual property
  - Key FEED studies: US DOE with Linde 7Fs, UK BP and Net Zero Teesside 9HA with Technip
  - Middle East alliances ... blue H2, ammonia

GE's installed base, alliances, research and experience are key to meaningful climate impact

### Gas Power: Hydrogen pathways





Cricket Valley will undertake a demonstration project, starting in late 2022, by running a 7F.05 turbines on a blend of natural gas with 5% "green hydrogen" by volume

#### **HYDROGEN (H2)**

- Gas turbine technology capable of H<sub>2</sub> fuel combustion
- Economics and availability are the challenges to be overcome for H<sub>2</sub> use at scale today
- Increasing customer requirements for GE solutions:
  - 8MM hours with H<sub>2</sub> and H<sub>2</sub>-like fuels on 100+ GTs
  - Investing for 100% H<sub>2</sub> by 2030 for new-unit customers, and retrofit/upgrades for installed base
  - Multiple new H<sub>2</sub> projects w/ different GTs last 2 years

Customers planning and engaged now ... GE roadmap for 100% H2 ... ready for when fuel economics scale



# Renewable Energy

Scott Strazik | CEO, GE's global energy business portfolio

## Renewable Energy: Focus areas



#### INITIAL OBSERVATIONS

 Customer conviction to invest ... onshore wind will recover ... offshore, grid further acceleration in 2H of decade

 Our teams exhibit great passion for technology, but can prioritize for better results

 Heavier equipment mix business today, must size accordingly with premium on pricing and execution

#### **KEY AREAS OF FOCUS**

- Simplify organization structure and reduce costs<sup>-a)</sup>
- Accelerate underwriting selectivity, pricing actions
- Focus on services growth where we can achieve scale
- Industrialize maturing supply chains
- Standardize lean across businesses ... SQDC

Strong medium-term potential, focusing on prioritization and what we can control

## Renewable Energy financials



#### **KEY DRIVERS**

- ✓ Onshore Wind: Int'l selectivity & cost out tailwinds, NAM near term volume pressure... LSD margins in '23
- ✓ Offshore Wind: Ramping to ~\$3B revenue and profitability by '24 ... managing inflation headwinds
- ✓ Grid: MSD revenue growth-a)\*, significant profit improvement '22; breakeven in '23
- ✓ FCF\* driven by normalized progress as NAM markets stabilize and earnings improvement

|                         | 2021                | 2022F                                    | 2023F                 |
|-------------------------|---------------------|--|-----------------------|
| Organic revenue growth* | \$15.7B,<br>(2)%    | LSD                                      | MSD                   |
| Op margin,<br>Op profit | (5.1)%,<br>\$(0.8)B | Better but<br>negative<br>\$(0.7)-(0.5)B | Approaching breakeven |
| Free cash flow*-b)      | \$(1.2)B            | Better but negative                      | Approaching breakeven |

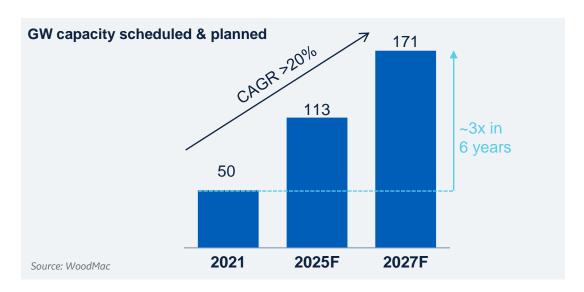
Resetting the business for profitability and cash generation by '24

#### **Offshore Wind**



#### INDUSTRY DYNAMICS

~50 GW offshore capacity to grow at > 20% CAGR



Significant MW growth of latest NPI's ... inflation pressures on raw materials

#### **PRIORITIES**

- Successful launch of Haliade-X:
  - Prototype operating for 28 months
  - First COD in mid-'23 ... ongoing certification testing towards higher rating and serial production readiness
  - Manage cost, risk profile: localization, modularization
- Investing in super-conducting generator:
  - Increase output, lower cost ... reducing weight, rareearth material risk; prototype in '23, US DOE backed
- Continue to accelerate growth:
  - ~\$7B backlog today ... shipping until mid-'25
  - ~\$120B+ industry pipeline from '23-'30

Building towards ~\$3B revenue business and profitability by '24

# Video: Mike Garland, CEO, Pattern Energy







# **Onshore Wind**

Pat Byrne | CEO, Onshore Wind

#### **Onshore Wind**



#### INDUSTRY AND BUSINESS DYNAMICS

- Long-term demand intact ... ~50 GW by mid-decade
  - EU commitments and Renewable Energy 100
  - U.S. planning ~10 GW installs in '22 and stabilizing



- NAM business: Well positioned and profitable today, nearterm policy uncertainty, mid-term demand visibility strong
- International business: Growing demand, challenged profitability and heavy cost structure

#### **PRIORITIES**

- NAM: Strengthening the core
  - New product innovation for medium-term opportunities
  - Driving price ... DD% price in 4Q'21 NAM bids
  - Lean focus ... logistics, installation and commissioning
- International: Selectivity to build profitable backlog
  - Strategic countries, defined strike-zone
  - DD% price in 4Q'21 int'l bids with inflation escalation
  - Lean focus ... reduce waste, improve cost, execution
- Services: DD profitable growth ... 1,000+ turbines/year eligible for repower; digital solutions
- Right-sizing cost-structure<sup>-c)</sup>

Managing market conditions, while running the business better ... path to LSD margins in '23

#### **Onshore Wind: Lean focus**



**SAFETY** Implemented Hierarchy of Controls standard work

**QUALITY** Tiger teams + lean ... 25% faster issues resolution

Integrating field feedback into design and supply chain

**DELIVERY** ↓ 40% Cypress installation time with standard work

**COST** transforming outbound logistics ... eliminate 20% leakage









#### Applying lean to drive operational improvement



# Electrification

Philippe Piron | CEO, Power Conversion and CEO, Grid Solutions

## Electrification sectors we operate in



|                               |   |                           |                             | The state of the s |                                   |
|-------------------------------|---|---------------------------|-----------------------------|--|-----------------------------------|
|                               | Power<br>Conversion <sup>-c)</sup>      | Grid integrated solutions | Grid Power transmission     | Grid<br>automation   | Grid<br>Software <sup>-d)</sup>   |
| Products                      | Rotating machines,<br>Power electronics | HVDC,<br>Substations      | Switchgear,<br>Transformers | Control &<br>Automation<br>Relays, Gateways  | GIS & Network model,<br>ADMS, EMS |
| Sector '21 <sup>-a)</sup>     | ~\$6B                                   | ~\$17B                    | ~\$25B                      | ~\$8B  | ~\$5B                             |
| Sector CAGR '21 - '30         | O <sup>-a)</sup> MSD                    | HSD                       | MSD                         | HSD  | MSD                               |
| GE '21 revenue <sup>-b)</sup> | ~\$1B                                   | ~\$1.2B                   | ~\$1.5B                     | ~\$0.6B  | ~\$0.6B                           |

#### Complementary businesses ... focused on running better to capture industry demand

<sup>(</sup>b- GE revenue represents best approximate sector view & does not include eliminations

<sup>(</sup>c – Reported in the Power segment today

<sup>(</sup>d – Reported in Corporate/Digital today

# Electrification: Scaling our businesses for profitable growth



# POWER CONVERSION-b) TURNAROUND ACCELERATING

- TURNING AROUND GRID INTEGRATED SOLUTIONS & POWER TRANSMISSION



# POSITIONING TO GROW GRID AUTOMATION AND SOFTWARE

- Inflection point reached in 2021
   ... stabilized operations
- Driving growth: 3-prong approach ... win/loss, NPIs, breakthroughs
- \$0.9 \$0.8 \$1.0 HSD

2020

(13)%

2021

2%

2022F

MSD%

- Scaling Power Conversion play
- Improving project execution performance of legacy projects
- Selective growth ... disciplined underwriting, services focus
- Opportunity to reduce product & structural cost<sup>-c)</sup> to improve competitiveness

- Unique value by combining digital and hardware solutions
- Investing in digital substations and renewables integration
- Software for grid orchestration and asset management
- Strategic bolt-on ... Opus One
- Targeting to grow > sector growth
  - Grid Automation growth accelerating ... orders up MSD<sup>-a)</sup> in '21 & HSD<sup>-a)</sup> 2H'21

#### **Driving turnarounds and investing for growth**

2019

Profit % (18)%

# Video: Muhammed Aziz Khan, CEO, Summit Energy





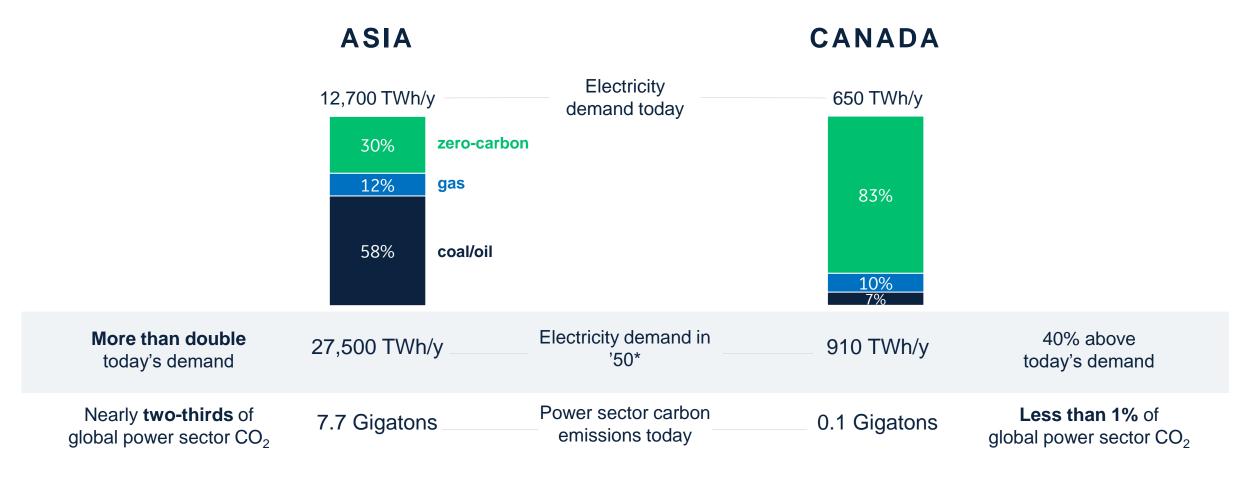


# Energy transition: Markets in focus

Ramesh Singaram | CEO, GE Asia and CEO, Gas Power - Asia Heather Chalmers | CEO, GE Canada

# **Energy transition: Markets in focus**





Asia ... Decade of action to decarbonize while demand doubles Canada ... Investing in breakthroughs for last ~15% to net-zero carbon



# Wrap

Scott Strazik | CEO, GE's global energy business portfolio

## Renewable Energy and Power: Wrap





• The opportunity to grow & decarbonize the energy sector is large ... solving for sustainability, reliability, and affordability

 GE Power is on track ... confident in our ability improve Renewables & Digital with the scaling of lean

• Investing for long term with complete conviction in leading the energy transition ... this decade and the decades that follow



\_ Q&A



GE INVESTOR DAY | March 10, 2022

# **GE** Aviation

John Slattery | CEO
Tony Mathis | CEO, GE Edison Works
Kathy MacKenzie | CEO, Commercial Engines
Russell Stokes | CEO, Commercial Services
Mohamed Ali | VP, Engineering



# Videos: Aengus Kelly, CEO, AerCap & Frederick W. Smith, Chairman & CEO, FedEx Corporation







## **GE** Aviation: Key messages





#### **EXCEPTIONAL BUSINESS IN ATTRACTIVE COMMERCIAL AND MILITARY SECTORS**

- Strong, underlying equipment and services volume growth as market recovers
- Focused portfolio with strong positions across businesses

#### EMBRACING LEAN AND TECHNOLOGY TO DRIVE OPERATIONAL PERFORMANCE AND SERVICES GROWTH

- Enterprise focus on safety, quality, delivery, and cost
- Deploying technology to improve customer outcomes and reduce costs

#### INVESTING IN SUSTAINABLE TECHNOLOGIES TO ENABLE THE **FUTURE OF FLIGHT**

- Leveraging unique technology portfolio in existing products (CMC, additive)
- Investing in breakthrough technologies (SAF, XA100, hybrid electric, hydrogen, open fan)

# **GE Aviation: 2021 by the numbers**







People flying at any ~400K given time on GE or JV<sup>-a)</sup> powered aircraft



~66K

Commercial & Military engines in service



Revenue



Every seconds

A GE or JV<sup>-a)</sup> powered aircraft takes off



Commercial-b) & Military engines delivered



**\$300B+** Total backlog



Commercial flights powered by GE or JV<sup>-a)</sup> engines



Commercial fleet with one or less shop visits



13.5% Reported margins



**Passengers** 



Increase in shop



## Highlights over the last year



#### **OUR PORTFOLIO**

#### \$300B+ backlog

(as of Dec 31st, 2021)



#### **Commercial OE & Services wins**

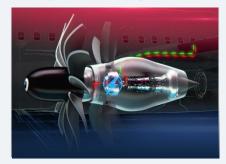
Qatar GE9X – 777-8F Singapore GE9X Indigo LEAP-1A Akasa LEAP-1B Allegiant LEAP-1B Southwest LEAP-1B UPS & FedEx CF6



Military achievements
F110 for F-15EX
T700 services
T408 demonstrator

#### **OUR FUTURE OF FLIGHT**

#### CFM RISE™



### Hydrogen



#### **Hybrid Electric**



XA100 testing



100% SAF flight<sup>-a)</sup>



# Focused portfolio across large, growing businesses









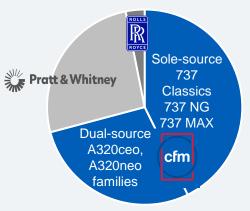
|                                    | COMMERCIAL PROPULSION  | MILITARY PROPULSION   | SYSTEMS   |
|------------------------------------|--|---|---|
| Sector size '21-a)                 | ~\$40B   | ~\$15B  | ~\$15B  |
| Sector CAGR '21 - '25-a)           | High-teens   | LSD   | HSD   |
| GE Aviation '21 revenue % services | \$14.4B<br>>60%  | \$4.1B<br>>70%  | \$1.6B<br>~50%  |
| Customer needs                     | <ul><li>Equipment ramp readiness</li><li>Services capacity &amp; material solutions</li><li>Lower carbon solutions</li></ul> | <ul> <li>Fleet modernization</li> <li>Faster development cycles</li> </ul>      | <ul><li>Aircraft electrification</li><li>Increased autonomy</li></ul>                 |
| Demand drivers                     | <ul><li>Fleet renewal and expansion</li><li>Post-COVID return to travel</li></ul>  | <ul><li>Strong US and int'l demand</li><li>New technology development</li></ul> | <ul><li>Increased aircraft production</li><li>Next-gen systems technologies</li></ul> |

# Strength in diverse commercial equipment installed base

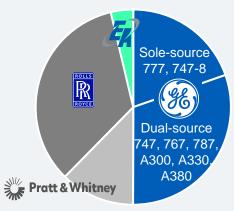


**Global fleet** distribution (# of engines)<sup>-a)</sup>

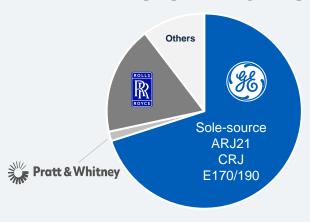
#### **NARROWBODIES**



#### WIDEBODIES-c)



#### **REGIONAL JETS**



'22-'32 fleet CAGR-b)

MSD

MSD

Flat

GE and JV<sup>-d)</sup> engines in operation with ...







Leading positions for decades of continued new unit growth

<sup>(</sup>b-GE Aviation estimate of total fleet growth including competitors

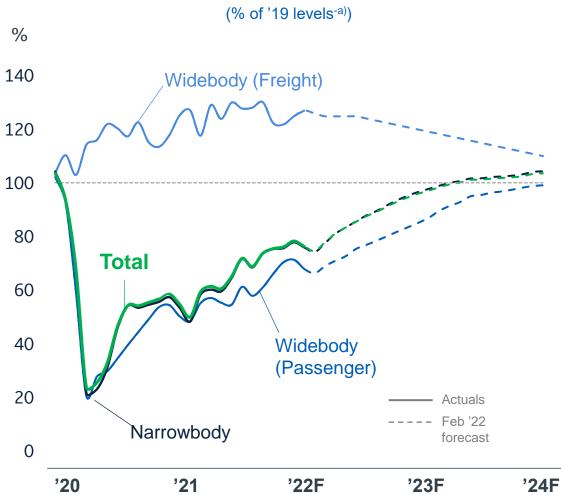
<sup>(</sup>c- Widebody includes 508 Engine Alliance and 308 CFM engines

<sup>(</sup>d-includes equipment made by CFM and Engine Alliance joint ventures

# Commercial recovery driving services growth







#### TOTAL DEPARTURES

- Expect narrowbody traffic to recover by early '23, widebody passenger by early '24
- Slow start in '22 due to Omicron ... expect momentum to pick up based on customer confidence

#### WHAT IT MEANS FOR GE

- Departure recovery driving '22 shop visits & services organic revenue growth\* more than 25%
- Strong utilization drives billings and cash higher

## Systems: complements core businesses



#### **ELECTRICAL POWER**

Generation, distribution, conversion, and control of aircraft electrical power

Expand civil & high voltage applications; airframe & propulsive electrification

F-35 AH64 Large F-18 777 biz jets



#### **AVIONICS**

Flight management, open computing, displays, health and data monitoring

Autonomy and future platforms; Al & mission computing starting in military

F-16 737 A320 F-18 777X C919 F-35

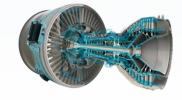


#### UNISON

Component supplier (electrical, mechanical, sensors)

Developing ignition & sensor solutions for more sustainable aviation

All major engine OEMs



#### **DOWTY PROPELLERS**

Focused on high-power civil & military turboprop applications

Next-gen commercial turboprops; technology applied to CFM RISE<sup>TM</sup> program

C-130J Dash 8/Q Saab 340



Key technologies playing a central role to the future of flight



# Military

Tony Mathis | CEO, GE Edison Works

## Military business positioned for growth through '25



# CONTINUING TO WIN ON CORE PLATFORMS



# DEVELOPING NEXT GENERATION PRODUCTS



# HSD TOPLINE GROWTH THROUGH '25

#### **US DoD**



- F110 ... US Air Force F-15EX
- F404 ... US Air Force T-7A
- LM2500 ... Constellation class frigate

#### **Rotorcraft**



- T901 ... Apache & Black Hawk re-engine
- T901 ... Future vertical lift
- T408 ... US Marines CH-53K heavy lift

#### **Key focus areas in 2022**

- Improve supply chain delivery supported by lean
- Intense focus on developing next generation technologies

#### International



- F414 ... Korea KF-21
- F404 ... India MkII Tejas
- US equipment to allies

#### **Combat**



- XA100 ... F-35 re-engine opportunity
- Prototype in testing with US Air Force

# \$4.6B \$4.1B 2020 2021 2022F 2025F

#### Strong demand in a growing sector ... focused on execution



# Financials

John Slattery | CEO

### **Aviation financials**



#### **KEY DRIVERS**

- ✓ Topline growth as recovery momentum continues ... unprecedented demand ramp in OE & services with >25% shop visit & organic revenue growth\* in '22
- ✓ Military recovery & growth on demand strength
- ✓ Cost productivity through lean & improving LEAP learning curve while navigating negative mix
- ✓ Improving working capital management & disciplined capital allocation
- ✓ '22 FCF\* driven by profitable growth but impacted by allowance payment timing ... growing back to greater than '19 levels in '23

|                         | 2021             | 2022F                     | 2023F                  |
|-------------------------|------------------|---------------------------|------------------------|
| Organic revenue growth* | \$21.3B,<br>(3)% | >20%                      | >20%                   |
| Op margin,<br>Op profit | 13.5%,<br>\$2.9B | Mid-teens,<br>\$3.8B-4.3B | High-teens,<br>~\$6B   |
| Free cash flow*-b)      | \$4.6B           | Down<br>slightly          | Up, 90%+<br>conversion |

Significant growth & margin expansion driving FCF\* as recovery momentum continues

## Aviation: Long-term outlook through the cycle



**GE REVENUE GROWTH\*-a) GE PROFIT MARGIN GE FCF CONVERSION\*-b)** High teens **MSD** 90%+ to 20%+ (higher near term)

Positioned to win as commercial aftermarket recovers & military grows



# **Commercial Aviation**

Kathy MacKenzie | CEO, Commercial Engines

Russell Stokes | CEO, Commercial Services

# Video: Olivier Andriès, CEO and Director, Safran International





# Aviation's next era building on a decade of product renewals



# Narrowbody

**Big Twins** 

Regional/BGA



#### Legacy

(1980s to 2050s)

#### CFM56

1+ billion flight hours



#### CF6

Most produced widebody engine



#### **GE90**

1st for composite fan



**CF34** 

Regional workhorse

#### **Next generation**

(2010s to 2070s)



#### **LEAP**

15% better fuel efficiency vs. CFM56



#### **GEnx**

15% better fuel efficiency vs. CF6



#### GE9X

10% better fuel efficiency vs GE90



#### **Passport**

17%+ better fuel efficiency vs. CF34-3

#### **Future of flight**

(2030s to 2090+)



#### **CFM RISE™**

>20% efficiency vs. today's engines



Hydrogen demonstrator



Hybrid-electric demonstrator

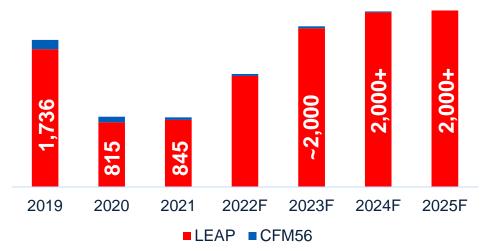


## **Commercial equipment**



#### PRODUCTION RAMP POST-COVID

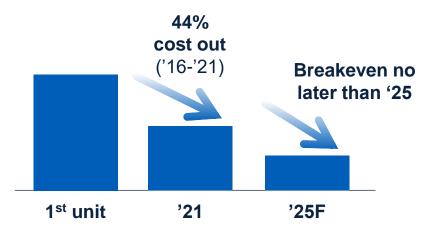




- Ready for ramp ... hard capacity in place, building back skilled labor, partnering with supply base
- Aligned with airframers on production rates through '23
- Commercial equipment revenue growth\*-a) 20%+ in '22

#### LEAP NEW ENGINE PRODUCT COST

#### Average cost per unit



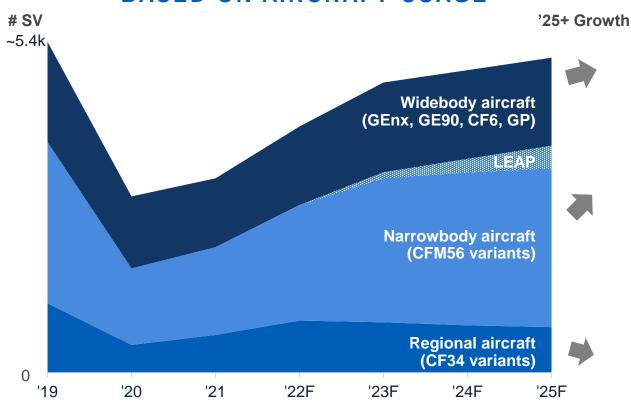
- Improving productivity post COVID slowdown
- ~(3) pts Aviation margin impact in '22 & '23 driven by CFM56/LEAP transition ... improvement as approach op margin breakeven in '25
- 9X volume and mix meaningful post 777X entry into service

#### Production ramp to support customers and driving revenue growth

# Commercial services shop visit growth through the decade



# SHOP VISITS GROWING >25% IN '22 BASED ON AIRCRAFT USAGE



#### **READY FOR GROWTH**



#### **Unique open GE and external MRO footprint**

- 80+ locations<sup>-a)</sup> available to service worldwide shop visit demand
- Open network encourages investments ... increasing flexibility for operators



# Driving lean to create capacity, improve operational performance

- Transitioned 550+ repairs to overhaul shops improving on time delivery and logistics costs
- 20% turnaround time reduction in Celma, Brazil overhaul shop

#### Significant volume driving revenue and profit growth

# Video: GE Aviation's Lean Assembly Line in Celma, Brazil

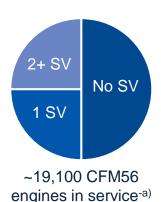




## Aftermarket services through the engine lifecycle



#### **CFM56 ENGINES**



~50% of CFM56 engines have not seen 1st SV

CFM56 SVs peak later in the decade

#### **WIDEBODY ENGINES**



~60% of widebody engines have not seen SV2

Expecting MSD SV growth through 2025

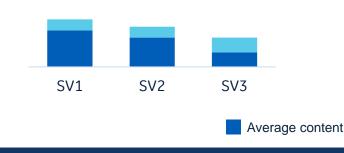
# ENABLING WORKSCOPE FLEXIBILITY



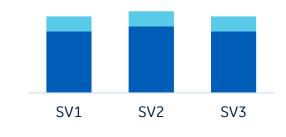
#### **Material solutions**

- Largest USM provider
- 20+ years experience

#### Typical narrowbody shop visit content



#### Typical widebody shop visit content



Workscope flexibility



#### **Industrializing repairs**

- ~13,000 repairs in the catalog today
- Developing +500 more repairs annually

Delivering flexible material solutions to keep the fleet flying longer

# Combining lean with technology to drive service productivity



# CUSTOMER BENEFITS

Accelerate component workflow through the shop with digital & lean

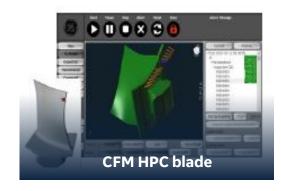
Enable high speed precision repair

Keep engines onwing longer

# AI ENABLED INSPECTIONS

~80%

Cycle time reduction



# ADDITIVE REPAIR

>50%

Cycle time reduction



# ON-WING TECHNOLOGY

~10,000

Field applications by 2025



Helping operators improve fleet utilization through faster turnaround time

## **Commercial Services revenue trajectory**





#### **GROWTH DRIVERS**

- Revenue outpacing shop visit volume
- Volume key driver ... shop visit growth
   >25% in '22, strength in '23 with growth across all product lines
- Catalog price evolution consistent with recent history
- Content increases in '23 as engines progress through lifecycle ... widebody volume driving higher revenue/SV
- Widebody ~40% & narrowbody ~50% of total services revenue in '22 & '23

Supporting demand through lean & technology productivity



# Future of Flight

Mohamed Ali | VP, Engineering

## Innovation is in our product DNA



#### **ADVANCED AERODYNAMICS**

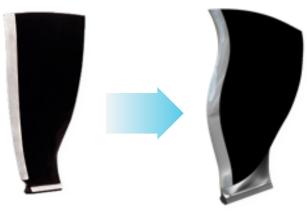
Lighter, thinner composite fan blades improve efficiencies

#### CERAMIC MATRIX COMPOSITES

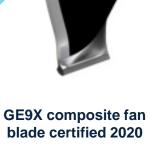
Lighter & increased durability through higher heat resistance than alloys

#### MANUFACTURING **TECHNOLOGIES**

Additive simplifies architecture, reduces weight & improves fuel efficiency



GE90-94B composite fan blade introduced 1995





Combustor



**Additive Catalyst** engine inlet frame

New generation of more fuel-efficient aircraft engines in every thrust class made possible by breakthrough technologies and materials

## Breakthrough technology demonstrators



#### **ELECTRIFICATION**



- 1<sup>st</sup> MW hybrid-electric system demonstrated at altitude conditions<sup>-a)</sup>
- Development partnership with NASA and Boeing

#### **ADAPTIVE CYCLE**



- Best of both worlds ... switching between high thrust and efficiency
- 10% more thrust and 25% better fuel efficiency vs. today's engines

#### ALTERNATIVE FUELS



- Partnership with Airbus to flight test hydrogen-powered engine
- Sustainable Aviation Fuel compatibility and advocacy

#### ADVANCED ARCHITECTURE



- CFM RISE<sup>TM</sup>: Open fan, compact core, hybrid-electric technology
- Greater than 20% fuel efficiency vs. today's engines

**Ground & flight tests to show technology readiness this decade** 



# – Wrap

John Slattery | CEO

## **Summary**





 Exceptional business in attractive commercial and military sectors

 Embracing lean and technology to drive operational performance & services growth

 Investing in sustainable technologies to enable the future of flight

World-leading business ... executing on unprecedented ramps



\_ Q&A



GE INVESTOR DAY | March 10, 2022

# GE Financials

**Carolina Dybeck Happe | CFO** 

## **GE's financial priorities**



### SUBSTANTIAL PROGRESS



## Structural improvements

- Daily management
- Lean monthly close
- Nearly 30 operational P&Ls
- Commercial & M&A underwriting
- Simplified reporting



## **Balance sheet improvements**

- Reduced gross debt by \$87B over 3 years
- W/C management & factoring discontinuation
- Improved linearity ... reduced peak cash needs
- Generated nearly \$6B of Industrial FCF\*-a) in '21

### **FOCUS AREAS**



## Revenue growth

- Commercial execution, services strength
- NPIs, technology breakthroughs



## Profit growth

- Productivity & restructuring
- Commercial selectivity
- Price/cost

3

## Cash flow growth

- Working capital & CapEx efficiency
- 100%+ FCF conversion\*

4

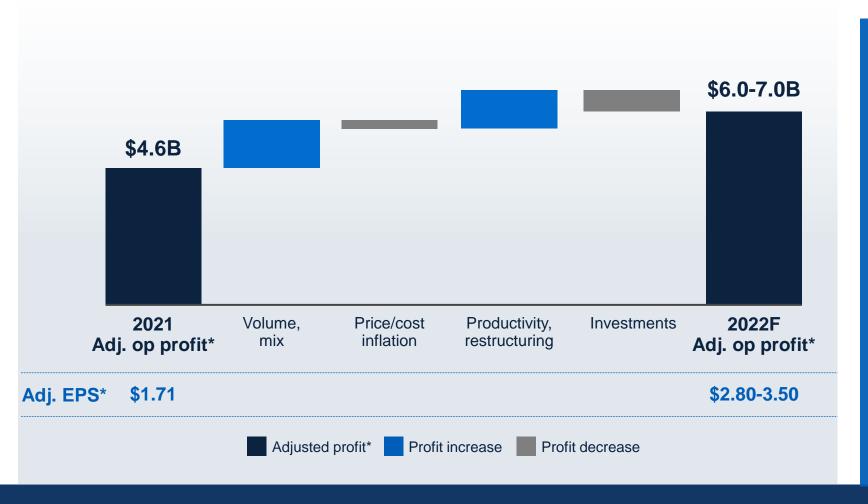
## Disciplined capital allocation

CapEx & M&A processes (AerCap, BK Medical)

## Driving sustainable, high quality earnings & FCF\* growth

## Significant profit growth in 2022





### **2021 TO 2022 DYNAMICS**

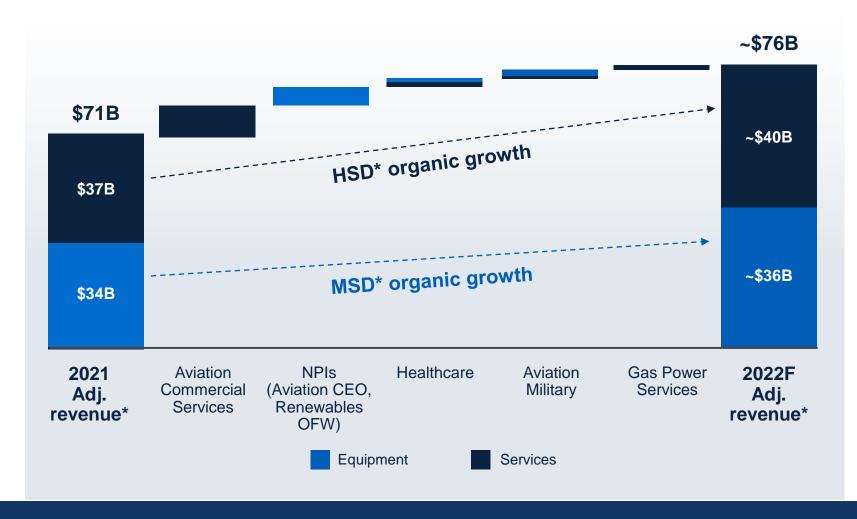
- HSD volume from strong backlog, Aviation recovery, Healthcare demand, services strength
- Slightly negative mix
- Working price to mitigate inflation headwinds
- Productivity fueling investments for profitable growth
- Interest tailwind from debt reduction ... tax rate up slightly

**Volume & productivity driving profit growth** 

<sup>\*</sup> Non-GAAP Financial Measure

## ... driven by profitable volume growth in 2022





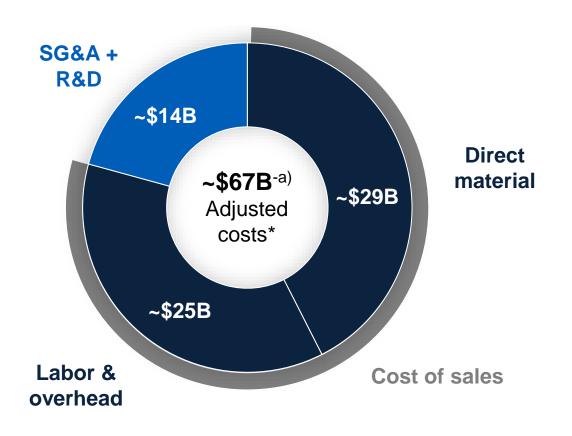
## **2022 DYNAMICS**

- All businesses growing ...
   Aviation recovery continues
- Backlog strength from '21 orders... ~<sup>2</sup>/<sub>3</sub> of revenue in hand
- Services growth outpaces equipment ... mix headwind from NPIs (LEAP, HAL-X)
- Managing supply constraints

HSD organic growth\* supported by market fundamentals with ~2/3 backlog in hand

## ... and cost out by applying lean





## **FOCUS AREAS**

### **Direct material**

- Sourcing actions: Best cost, nearshore & dual sources
- Value Analysis & Value Engineering of components ... should-cost deployment

### **Labor & overhead**

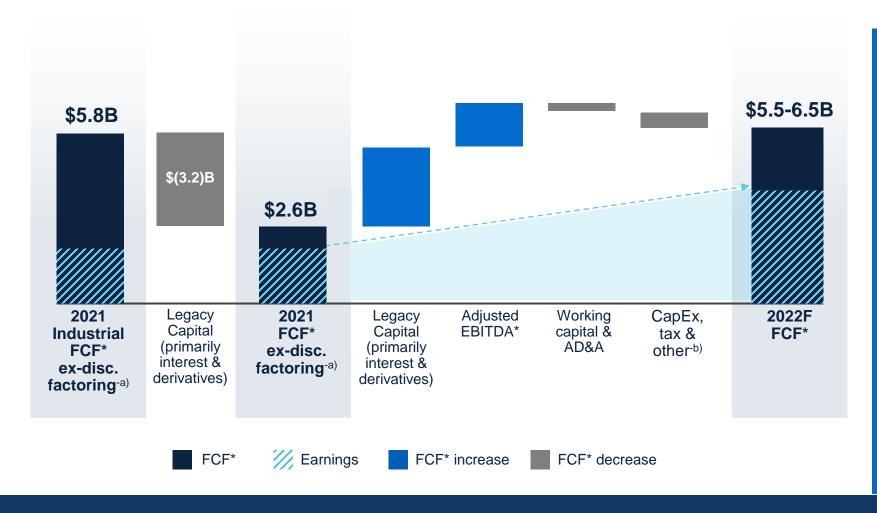
- Standard work & waste removal to drive outage/cycles efficiency & factory rationalization
- Product reliability with systematic root-cause analysis ... focus on suppliers' quality and design for durability

### **SG&A + R&D**

- Organizational streamlining, decentralization
- Strategic refocusing

Targeting ~3% of gross cost out annually through productivity, restructuring & sourcing actions

## FCF\*: Increasingly driven by earnings in 2022



## **2022 DYNAMICS**

- Earnings significant FCF\* driver
- Working capital & Onshore Wind progress dynamics partially offset volume & AD&A ~\$(1)B pressure
- CapEx growth investments
- \$2.7B improvement from lower legacy Capital impact ... down to \$(0.5)B
- Healthcare, Renewables & Power growing, Aviation slightly down y/y ex-disc. factoring

FCF\* growth due to higher earnings, lower working capital & debt reduction

<sup>\*</sup> Non-GAAP Financial Measure

<sup>(</sup>a- Excludes prior period CFOA impact from discontinued factoring programs of \$(0.7)B

## Working capital: A multi-year opportunity



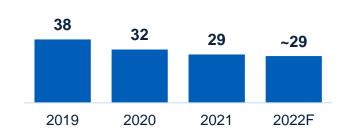
A/R + INV. BALANCE (\$B)

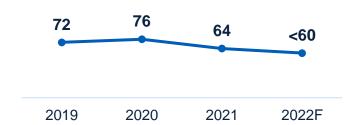
### **ACCOUNTS RECEIVABLE**

### INVENTORY

## DSO<sup>-a)</sup> improving from >70 in '19









### OTHER WORKING CAPITAL DRIVERS

| ACCOUNTS PAYABLE     | A strength, partnering with suppliers  |
|----------------------|--|
| PROGRESS COLLECTIONS | Expect orders growth > deliveries      |
| CONTRACT ASSETS      | Equipment utilization > service visits |

## Many levers to pull ... working capital continuing to improve even with volume growth

## Clear path to significant profit growth in businesses



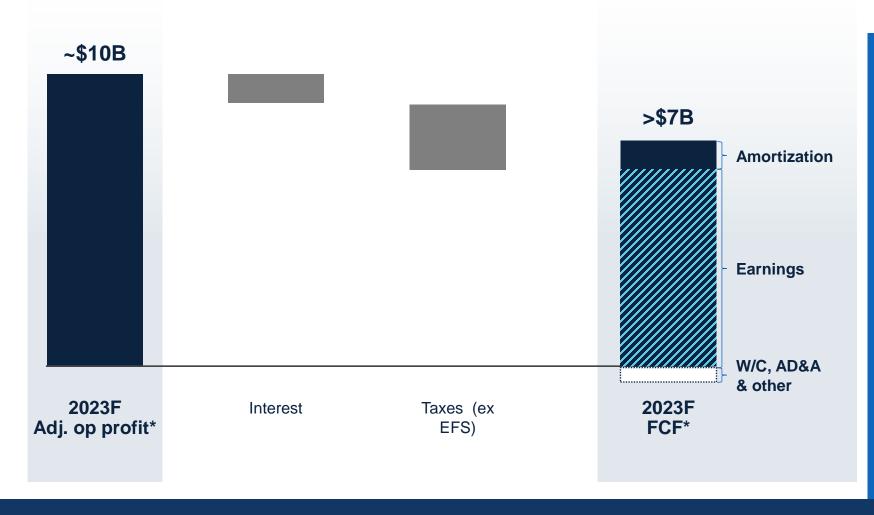


### **2022 TO 2023 DYNAMICS**

- AVI: Services growth & engine learning curves
- **HC:** Growth & productivity
- **REN:** NPI learning curve, Grid profitable growth, lower structural cost
- POW: Services & Aero growth

Meaningful progress in 2021 ... clear roadmap to reach ~\$10B in 2023

## Achieving ~\$10B adjusted profit\* & >\$7B FCF\* in 2023



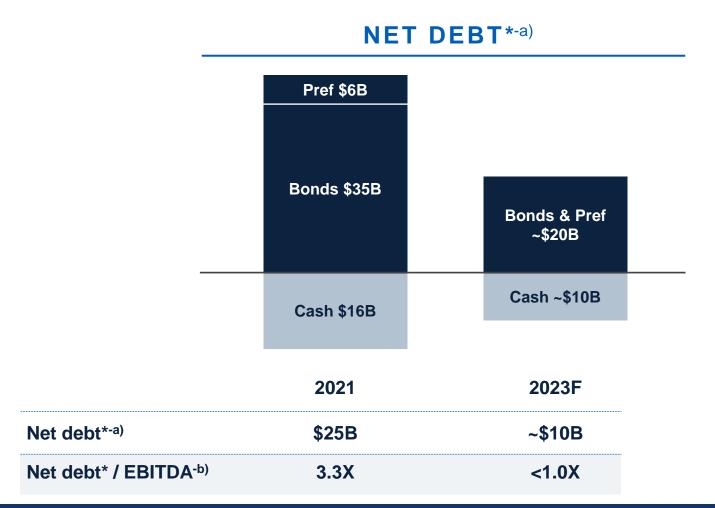
## **DYNAMICS**

- Earnings include ~\$1B interest with adjusted tax rate\* flat to 2022
- Depreciation in-line with CapEx
   ... ~\$1B running amortization
- Working capital slightly positive ... lean efforts on AR, inventory offsetting volume, continued AD&A outflow
- Strong FCF conversion\* expected to continue

Earnings growth as primary contributor of FCF\* in 2023

## Stronger balance sheet enables GE to play offense





## GO FORWARD CAPITAL ALLOCATION STRATEGY

- Evaluating opportunities that increase growth, earnings & FCF\*
  - Organic: R&D, CapEx
  - Restructuring
  - Inorganic: acquisitions & dispositions
- Planned standalone investment-grade companies will establish go forward financial policies tailored to strategic & financial objectives
- Board recently authorized share repurchase up to \$3B

Creating three global, investment-grade companies positioned to drive shareholder value

<sup>\*</sup>Non-GAAP financial Measure

<sup>(</sup>a – Includes bonds, 100% of preferred equity and 100% of cash.

## **GE's financial priorities**



| 1 | Revenue growth                 | HSD organic growth  |
|---|--------------------------------|---|
| 2 | Profit growth                  | 150+ bps organic margin expansion*, \$2.80-\$3.50 adjusted EPS* |
| 3 | Cash flow growth               | \$5.5-\$6.5B FCF*   |
| 4 | Disciplined capital allocation |   |

Driving sustainable, high quality earnings & FCF\* growth



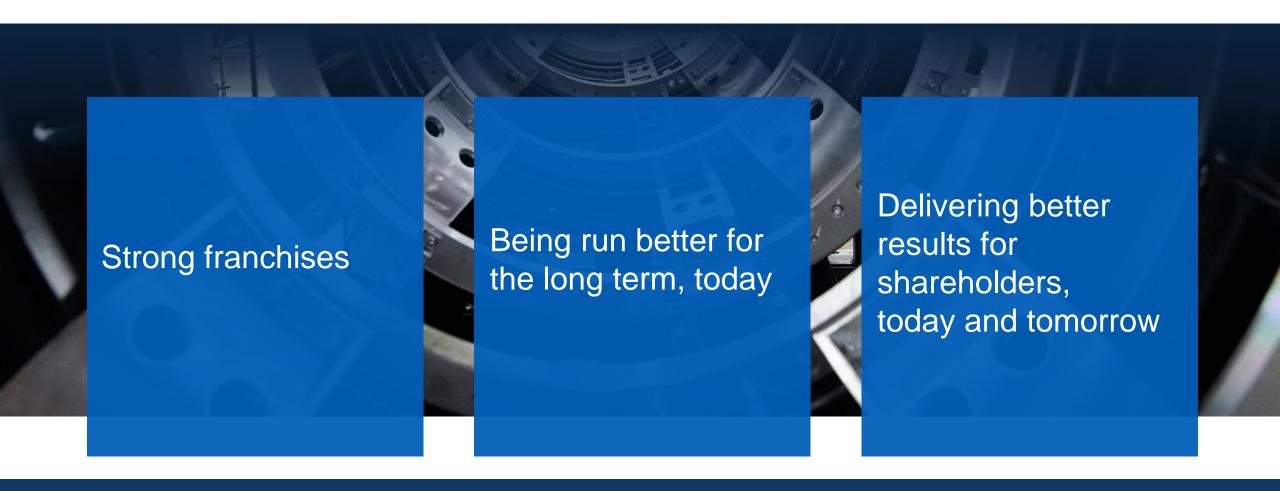
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# Closing

Larry Culp | Chairman & CEO

## **GE** positioned to create value today





We rise to the challenge of building a world that works



\_ Q&A



# **GE 2022 Investor Day**

March 10, 2022



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# Appendix

## Other 2022 guidance items



| INTEREST EXPENSE      | ~\$(1.5)B expense & cash   |
|-----------------------|--|
| TAXES                 | Adjusted tax rate* low to mid-twenties; cash taxes more closely aligned with book taxes; excludes impact of separation-related taxes |
| ADJ. CORPORATE COSTS* | Slightly better y/y, from \$(1.2)B in '21  |
| SEPARATION COSTS      | Expect ~50% of total separation costs (~\$2B) excluding tax cost; cash lagging expense   |
| NON-OP. BENEFIT COSTS | Slightly positive driven by lower amortization of historical losses & investment gains   |
| PREFERRED DIVIDENDS   | Expense recorded within adjusted EPS* LIBOR + 333bps   |
| BKR/AER STAKES        | Mark-to-market remaining investment; any impact treated as non-GAAP EPS adjustment   |
| INSURANCE             | Expecting stable performance, lower COVID favorability   |
| RESTRUCTURING         | Total expense & cash flat to slightly up; in-segment expense down  |

\*Non-GAAP Financial Measure

## GE full-year 2022 outlook



|                              | <b>Total Company</b>       | Aviation        | Healthcare                                 | Renewable Energy        | Power                                |
|------------------------------|----------------------------|-----------------|--|-------------------------|--------------------------------------|
| Organic Revenue*             | High-single-digit growth   | >20% growth     | Low- to mid-single-<br>digit growth        | Low-single-digit growth | Low-single-digit<br>growth           |
| Adjusted Profit<br>Margin*   | 150+ bps organic expansion | Mid-teens       | 25-75 bps organic expansion                | Better, but negative    | Up                                   |
| Adjusted Profit*             | \$6.0B - \$7.0B            | \$3.8B – \$4.3B | \$3.1B - \$3.3B                            | \$(0.7)B - \$(0.5)B     | \$1.0B – \$1.2B                      |
| Adjusted Earnings per Share* | \$2.80 – \$3.50            |                 |  |                         |                                      |
| Free Cash Flow*              | \$5.5B – \$6.5B            | Down slightly   | Up, >100% free<br>cash flow<br>conversion* | Better, but negative    | Up, >150% free cash flow conversion* |



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# Non-GAAP reconciliations

## Organic revenues, profit (loss) and profit margin by segment



ORGANIC REVENUES, PROFIT (LOSS) AND PROFIT MARGIN BY SEGMENT (NON-GAAP)

|                                     | F         | REVENUES  |      | PR       | OFIT (LOSS) |       | PR     | OFIT MARGIN | <b>1</b> |
|-------------------------------------|-----------|-----------|------|----------|-------------|-------|--------|-------------|----------|
| (Dollars in millions)               | 2021      | 2020      | V%   | 2021     | 2020        | V%    | 2021   | 2020        | V pts    |
| Aviation (GAAP)                     | \$ 21,310 | \$ 22,042 | (3)% | \$ 2,882 | \$ 1,229    | F     | 13.5 % | 5.6 %       | 7.9pts   |
| Less: acquisitions                  | _         | _         |      | _        | _           |       |        |             |          |
| Less: business dispositions         | _         | 48        |      | _        | (48)        |       |        |             |          |
| Less: foreign currency effect       | 21        | _         |      | (18)     | _           |       |        |             |          |
| Aviation organic (Non-GAAP)         | \$ 21,289 | \$ 21,994 | (3)% | \$ 2,900 | \$ 1,277    | F     | 13.6 % | 5.8 %       | 7.8pts   |
| Healthcare (GAAP)                   | \$ 17,725 | \$ 18,009 | (2)% | \$ 2,966 | \$ 3,060    | (3)%  | 16.7 % | 17.0 %      | (0.3)pts |
| Less: acquisitions                  | 19        | (96)      |      | (29)     | (43)        |       |        |             |          |
| Less: business dispositions         | _         | 911       |      | _        | 373         |       |        |             |          |
| Less: foreign currency effect       | 308       | _         |      | 114      | _           |       |        |             |          |
| Healthcare organic (Non-GAAP)       | \$ 17,398 | \$ 17,194 | 1 %  | \$ 2,881 | \$ 2,729    | 6 %   | 16.6 % | 15.9 %      | 0.7pts   |
| Renewable Energy (GAAP)             | \$ 15,697 | \$ 15,666 | — %  | \$ (795) | \$ (715)    | (11)% | (5.1)% | (4.6)%      | (0.5)pts |
| Less: acquisitions                  | _         | _         |      | _        | _           |       |        |             |          |
| Less: business dispositions         | _         | 33        |      | _        | (4)         |       |        |             |          |
| Less: foreign currency effect       | 414       | _         |      | (39)     | _           |       |        |             |          |
| Renewable Energy organic (Non-GAAP) | \$ 15,283 | \$ 15,633 | (2)% | \$ (756) | \$ (711)    | (6)%  | (4.9)% | (4.5)%      | (0.4)pts |
| Power (GAAP)                        | \$ 16,903 | \$ 17,589 | (4)% | \$ 726   | \$ 274      | F     | 4.3 %  | 1.6 %       | 2.7pts   |
| Less: acquisitions                  | _         | _         |      | _        | _           |       |        |             |          |
| Less: business dispositions         | 26        | 220       |      | (2)      | 7           |       |        |             |          |
| Less: foreign currency effect       | 203       | _         |      | (59)     | _           |       |        |             |          |
| Power organic (Non-GAAP)            | \$ 16,674 | \$ 17,370 | (4)% | \$ 788   | \$ 267      | F     | 4.7 %  | 1.5 %       | 3.2pts   |

<sup>\*</sup> Non-GAAP Financial Measure

## Healthcare Organic revenues, profit (loss), and profit margin



### HEALTHCARE ORGANIC REVENUES, PROFIT (LOSS) AND PROFIT MARGIN (NON-GAAP)

|                               | R         | REVENUES  |        | PROFIT (LOSS) |          |        | PROFIT MARGIN |        |          |
|-------------------------------|-----------|-----------|--------|---------------|----------|--------|---------------|--------|----------|
| (Dollars in millions)         | 2020      | 2019      | ٧%     | 2020          | 2019     | V%     | 2020          | 2019   | V pts    |
| Healthcare (GAAP)             | \$ 18,009 | \$ 19,942 | (10) % | \$ 3,060      | \$ 3,737 | (18) % | 17.0 %        | 18.7 % | (1.7)pts |
| Less: acquisitions            | 55        | 21        |        | (13)          | (4)      |        |               |        |          |
| Less: business dispositions   | 21        | 2,603     |        | (2)           | 1,111    |        |               |        |          |
| Less: foreign currency effect | (46)      | _         |        | (6)           | _        |        |               |        |          |
| Healthcare organic (Non-GAAP) | \$ 17,979 | \$ 17,318 | 4 %    | \$ 3,081      | \$ 2,630 | 17 %   | 17.1 %        | 15.2 % | 1.9pts   |

## Adjusted organic revenues and Equipment & service organic revenues



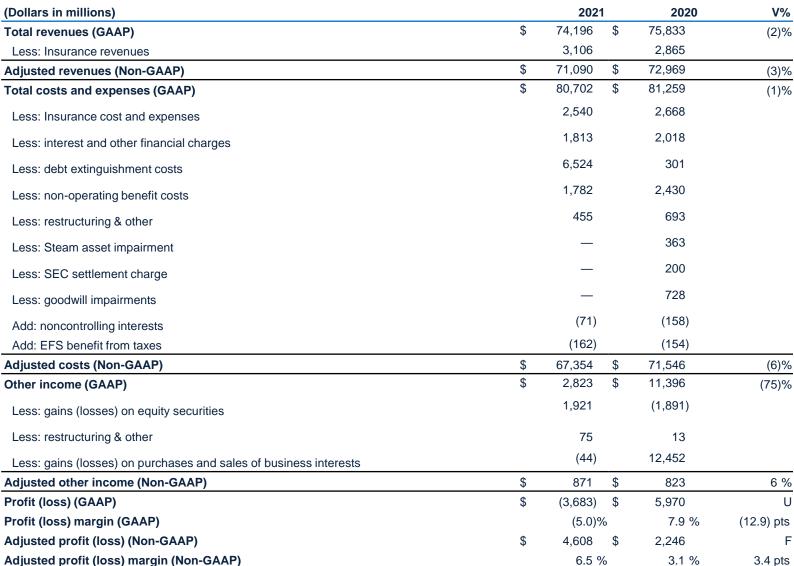
### **ORGANIC REVENUES (NON-GAAP)**

| (Dollars in millions)         | 2021         |    |        | V%   |
|-------------------------------|--------------|----|--------|------|
| Total revenues (GAAP)         | \$<br>74,196 | \$ | 75,833 | (2)% |
| Less: Insurance revenues      | 3,106        |    | 2,865  |      |
| Adjusted revenues (Non-GAAP)  | \$<br>71,090 | \$ | 72,969 | (3)% |
| Less: acquisitions            | 19           |    | (67)   |      |
| Less: business dispositions   | (33)         |    | 1,447  |      |
| Less: foreign currency effect | 979          |    | _      |      |
| Organic revenues (Non-GAAP)   | \$<br>70,125 | \$ | 71,589 | (2)% |

| EQUIPMENT AND SERVICES ORGANIC REVENUES (NON-GAAP) | EQUIPMENT |           |        |      |    | SERVICES  |        |     |  |  |
|--|-----------|-----------|--------|------|----|-----------|--------|-----|--|--|
| (Dollars in millions)                              |           | 2021      | 2020   | V%   |    | 2021      | 2020   | V%  |  |  |
| Total revenues (GAAP)                              | \$        | 34,200 \$ | 37,584 | (9)% | \$ | 36,890 \$ | 35,385 | 4 % |  |  |
| Less: acquisitions                                 |           | _         | _      |      |    | 19        | (67)   |     |  |  |
| Less: business dispositions                        |           | (32)      | 1,037  |      |    | (1)       | 410    |     |  |  |
| Less: foreign currency effect                      |           | 664       | _      |      |    | 315       | _      |     |  |  |
| Total organic revenues (Non-GAAP)                  | \$        | 33,567 \$ | 36,547 | (8)% | \$ | 36,558 \$ | 35,042 | 4 % |  |  |

## Adjusted profit & profit margin

ADJUSTED PROFIT AND PROFIT MARGIN (EXCLUDING CERTAIN ITEMS) (NON-GAAP)



<sup>\*</sup> Non-GAAP Financial Measure



## Adjusted earnings (loss) and Adjusted earnings (loss) per share, one column basis



| ADJUSTED EARNINGS (LOSS) (NON-GAAP)  | 202        | 01     | 202      | ) .<br>N | V%       |     |
|--|------------|--------|----------|----------|----------|-----|
| (Dollars in millions, per-share amounts in dollars)                            | Earnings   |        | Earnings | EPS      | Earnings | EPS |
| Earnings (loss) from continuing operations (GAAP)                              | \$ (3,571) | (3.25) |          | 5.46     | U        | U   |
| Insurance earnings (pre-tax)   | 570        | 0.52   | 193      | 0.18     |          |     |
| Tax effect on Insurance earnings   | (126)      | (0.11) | (50)     | (0.05)   |          |     |
| Less: Insurance earnings (net of tax)  | 444        | 0.40   | 143      | 0.13     |          |     |
| Earnings (loss) excluding Insurance (Non-GAAP)                                 | \$ (4,015) | (3.66) | \$ 5,832 | 5.32     | U        | U   |
| Non-operating benefits costs (pre-tax) (GAAP)                                  | (1,782)    | (1.62) | (2,430)  | (2.22)   |          |     |
| Tax effect on non-operating benefit costs                                      | 374        | 0.34   | 510      | 0.47     |          |     |
| Less: non-operating benefit costs (net of tax)                                 | (1,408)    | (1.28) | (1,920)  | (1.75)   |          |     |
| Gains (losses) on purchases and sales of business interests (pre-tax)          | (44)       | (0.04) | 12,452   | 11.37    |          |     |
| Tax effect on gains (losses) on purchases and sales of business interests      | 6          | 0.01   | (1,257)  | (1.15)   |          |     |
| Less: gains (losses) on purchases and sales of business interests (net of tax) | (37)       | (0.03) | 11,195   | 10.22    |          |     |
| Gains (losses) on equity securities (pre-tax)                                  | 1,921      | 1.75   | (1,891)  | (1.73)   |          |     |
| Tax effect on gains (losses) on equity securities(a)                           | 128        | 0.12   | 637      | 0.58     |          |     |
| Less: gains (losses) on equity securities (net of tax)                         | 2,049      | 1.87   | (1,255)  | (1.15)   |          |     |
| Restructuring & other (pre-tax)  | (380)      | (0.35) | (680)    | (0.62)   |          |     |
| Tax effect on restructuring & other  | 35         | 0.03   | 151      | 0.14     |          |     |
| Less: restructuring & other (net of tax)                                       | (346)      | (0.31) | (529)    | (0.48)   |          |     |
| Debt extinguishment costs (pre-tax)  | (6,524)    | (5.94) | (301)    | (0.27)   |          |     |
| Tax effect on debt extinguishment costs(b)                                     | 430        | 0.39   | 57       | 0.05     |          |     |
| Less: debt extinguishment costs (net of tax)                                   | (6,094)    | (5.55) | (244)    | (0.22)   |          |     |
| Steam asset impairments (pre-tax)  | _          | _      | (363)    | (0.33)   |          |     |
| Tax effect on Steam asset impairments  | _          | _      | 37       | 0.03     |          |     |
| Less: Steam asset impairments (net of tax)                                     | _          | _      | (326)    | (0.30)   |          |     |
| Goodwill impairments (pre-tax)   | _          | _      | (728)    | (0.66)   |          |     |
| Tax effect on goodwill impairments   |            | _      | (23)     | (0.02)   |          |     |
| Less: goodwill impairments (net of tax)  |            | _      | (751)    | (0.69)   |          |     |
| Less: Accretion of redeemable noncontrolling interest (pre-tax and net of tax) | (9)        | (0.01) | (151)    | (0.14)   |          |     |
| Less: SEC settlement charge (pre-tax and net of tax)                           | _          | _      | (200)    | (0.18)   |          |     |
| Less: U.S. tax reform enactment adjustment                                     | 8          | 0.01   | (49)     | (0.05)   |          |     |
| Less: Tax benefit related to BioPharma sale                                    | _          | _      | 143      | 0.13     |          |     |
| Less: Tax loss related to GECAS transaction                                    | (54)       | (0.05) | _        | _        |          |     |
| Adjusted earnings (loss) (Non-GAAP)  | \$ 1,876   | 1.71   | \$ (81)  | (0.07)   | F        | F   |

<sup>(</sup>a) Includes tax benefits available to offset the tax on gains in equity securities.

<sup>(</sup>b) Includes related tax valuation allowances.

<sup>\*</sup> Non-GAAP Financial Measure

Earnings-per-share amounts are computed independently. As a result, the sum of per-share amounts may not equal the total.

## Free cash flows (FCF) and GE Industrial FCF (including and excluding discontinued factoring)



#### FREE CASH FLOWS (FCF) (Non-GAAP)

| (Dollars in millions)  | 2021           | 2020     | V\$     |
|--|----------------|----------|---------|
| CFOA (GAAP)  | \$<br>888 \$   | 1,025 \$ | (137)   |
| Less: Insurance CFOA   | 86             | (80)     | 167     |
| CFOA excluding Insurance (Non-GAAP)  | \$<br>802 \$   | 1,105 \$ | (304)   |
| Add: gross additions to property, plant and equipment-a)                           | (1,250)        | (1,579)  | 329     |
| Add: gross additions to internal-use software-a)                                   | (111)          | (151)    | 39      |
| Less: GE Pension Plan funding  | _              | (2,500)  | 2,500   |
| Less: CFOA impact from factoring programs discontinued in 2021                     | (5,108)        | _        | (5,108) |
| Less: CFOA impact from receivables factoring and supply chain finance eliminations | 2,666          | 1,419    | 1,246   |
| Less: taxes related to business sales  | (6)            | (178)    | 172     |
| Free cash flows (Non-GAAP)   | \$<br>1,889 \$ | 635 \$   | 1,254   |
| Less: prior period CFOA impact from factoring programs discontinued in 2021 -b)    | (739)          | (3,361)  | 2,622   |
| Free cash flows excluding discontinued factoring (Non-GAAP)                        | \$<br>2,628 \$ | 3,996 \$ | (1,368) |

### GE INDUSTRIAL FREE CASH FLOWS (FCF) (Non-GAAP)

| (Dollars in millions)   | 2021           | 2020       | V\$     |
|---|----------------|------------|---------|
| GE Industrial CFOA (GAAP)   | \$<br>1,530 \$ | (1,254) \$ | 2,784   |
| Add: gross additions to property, plant and equipment-a)                        | (1,250)        | (1,579)    | 329     |
| Add: gross additions to internal-use software <sup>-a)</sup>                    | (107)          | (143)      | 36      |
| Less: GE Pension Plan funding   | _              | (2,500)    | 2,500   |
| Less: CFOA impact from factoring programs discontinued in 2021                  | (5,108)        | _          | (5,108) |
| Less: taxes related to business sales   | 189            | (1,082)    | 1,271   |
| GE Industrial free cash flows (Non-GAAP)  | \$<br>5,092 \$ | 606 \$     | 4,487   |
| Less: prior period CFOA impact from factoring programs discontinued in 2021 -b) | (739)          | (3,361)    | 2,622   |
| GE Industrial free cash flows excluding discontinued factoring (Non-GAAP)       | \$<br>5,831 \$ | 3,967 \$   | 1,864   |

<sup>(</sup>a - Included in Gross CAPEX

<sup>(</sup>b - Represents the CFOA impact from cash that GE would have otherwise collected had customer receivables not been previously sold in factoring programs that have now been discontinued.

<sup>\*</sup> Non-GAAP Financial Measur

# Free cash flows (FCF) by segment (including and excluding discontinued factoring and excluding BioPharma)



### 2021 FREE CASH FLOWS (FCF) (Non-GAAP)

| (Dollars in millions)  | Aviation       | Healthcare | Renewables | Power    | Corporate | <b>Total Company</b> |
|--|----------------|------------|------------|----------|-----------|----------------------|
| CFOA (GAAP)  | \$<br>2,815 \$ | 1,471 \$   | (1,576) \$ | 24 \$    | (1,846)   | \$ 888               |
| Less: Insurance CFOA   | _              | _          | _          | _        | 86        | 86                   |
| CFOA excluding Insurance (Non-GAAP)  | \$<br>2,815 \$ | 1,471 \$   | (1,576) \$ | 24 \$    | (1,933)   | \$ 802               |
| Add: gross additions to property, plant and equipment-a)                           | (445)          | (242)      | (349)      | (189)    | (25)      | (1,250)              |
| Add: gross additions to internal-use software-a)                                   | (61)           | (6)        | (9)        | (23)     | (13)      | (111)                |
| Less: GE Pension Plan funding  | _              | _          | _          | _        | _         |                      |
| Less: CFOA impact from factoring programs discontinued in 2021                     | (2,006)        | (1,481)    | (539)      | (1,117)  | 35        | (5,108)              |
| Less: CFOA impact from receivables factoring and supply chain finance eliminations | _              | _          | _          | _        | 2,666     | 2,666                |
| Less: taxes related to business sales  | _              | _          | _          | _        | (6)       | (6)                  |
| Free cash flows (Non-GAAP)   | \$<br>4,315 \$ | 2,705 \$   | (1,395) \$ | 929 \$   | (4,665)   | \$ 1,889             |
| Less: prior period CFOA impact from factoring programs discontinued in 2021-b)     | (314)          | _          | (195)      | (232)    | 2         | (739)                |
| Free cash flows excluding discontinued factoring (Non-GAAP)                        | \$<br>4,629 \$ | 2,705 \$   | (1,200)\$  | 1,161 \$ | (4,667)   | \$ 2,628             |

#### 2020 FREE CASH FLOWS (FCF) (Non-GAAP)

| (Dollars in millions)  | Aviation       | Healthcare | Renewables | Power  | Corporate  | Total Company |
|--|----------------|------------|------------|--------|------------|---------------|
| CFOA (GAAP)  | \$<br>763 \$   | 3,143 \$   | (328) \$   | 285 \$ | (2,838) \$ | 1,025         |
| Less: Insurance CFOA   | _              | _          | _          | _      | (80)       | (80)          |
| CFOA excluding Insurance (Non-GAAP)  | \$<br>763 \$   | 3,143 \$   | (328) \$   | 285 \$ | (2,757) \$ | 1,105         |
| Add: gross additions to property, plant and equipment <sup>-a)</sup>               | (737)          | (256)      | (302)      | (245)  | (40)       | (1,579)       |
| Add: gross additions to internal-use software-a)                                   | (61)           | (24)       | (11)       | (25)   | (30)       | (151)         |
| Less: GE Pension Plan funding  | _              | _          | _          | _      | (2,500)    | (2,500)       |
| Less: CFOA impact from factoring programs discontinued in 2021                     | _              | _          | _          | _      | _          | _             |
| Less: CFOA impact from receivables factoring and supply chain finance eliminations | _              | _          | _          | _      | 1,419      | 1,419         |
| Less: taxes related to business sales  | _              | _          | _          | _      | (178)      | (178)         |
| Free cash flows (Non-GAAP)   | \$<br>(34) \$  | 2,863 \$   | (641) \$   | 15 \$  | (1,569) \$ | 635           |
| Less: prior period CFOA impact from factoring programs discontinued in 2021-b)     | (2,023)        | (179)      | (606)      | (529)  | (24)       | (3,361)       |
| Free cash flows excluding discontinued factoring (Non-GAAP)                        | \$<br>1,989 \$ | 3,042 \$   | (34) \$    | 544 \$ | (1,545) \$ | 3,996         |
| Less: BioPharma CFOA   | _              | 315        | _          | _      | _          | 315           |
| Less: BioPharma gross additions to property, plant and equipment                   | _              | (17)       | _          | _      | _          | (17)          |
| Less: BioPharma gross additions to internal-use software                           | _              | (2)        | _          | _      | _          | (2)           |
| Free cash flows excluding discontinued factoring and BioPharma (Non-GAAP)          | \$<br>1,989 \$ | 2,746 \$   | (34) \$    | 544 \$ | (1,545) \$ | 3,700         |

<sup>(</sup>a - Included in Gross CAPEX

<sup>(</sup>b - Represents the CFOA impact from cash that GE would have otherwise collected had customer receivables not been previously sold in factoring programs that have now been discontinued.

<sup>\*</sup> Non-GAAP Financial Measure

We believe investors may find it useful to compare GE's Total Company free cash flows\* performance without the effects of cash used for taxes related to business sales, the factoring program discontinuation, pension plan funding and receivables factoring and supply chain finance eliminations. We believe this measure will better allow management and investors to evaluate the capacity of our industrial operations to generate free cash flows.

## Adjusted Corporate costs



ADJUSTED CORPORATE COSTS (NON-GAAP)

| ADJUSTED CORPORATE COSTS (NON-GAAP) (Dollars in millions)                | 2021             | 2020    | V%   |
|--|------------------|---------|------|
| Revenues   |                  |         |      |
| Corporate revenues   | \$<br>945 \$     | 1,313   |      |
| Insurance revenues   | 3,106            | 2,865   |      |
| Eliminations and other   | (1,490)          | (1,650) |      |
| Total Corporate  | \$<br>2,561 \$   | 2,528   | 1 %  |
| Operating profit (cost)  |                  |         |      |
| Gains (losses) on purchases and sales of business interests              | \$<br>(44) \$    | 12,452  |      |
| Gains (losses) on equity securities                                      | 1,921            | (1,891) |      |
| Restructuring and other charges  | (380)            | (680)   |      |
| Steam asset impairments, net of noncontrolling interests of \$65 million | _                | (363)   |      |
| SEC settlement charge  | _                | (200)   |      |
| Goodwill impairments, net of noncontrolling interests of \$149 million   |                  | (728)   |      |
| Insurance profit (loss)  | 566              | 197     |      |
| Adjusted total corporate operating costs (Non-GAAP)                      | (1,170)          | (1,602) |      |
| Total Corporate (GAAP)   | \$<br>892 \$     | 7,184   |      |
| Less: gains (losses), impairments, Insurance, and restructuring & other  | 2,062            | 8,786   |      |
| Adjusted total corporate operating costs (Non-GAAP)                      | \$<br>(1,170) \$ | (1,602) | 27 % |
| Functions & operations   | \$<br>(848) \$   | (1,303) |      |
| Environmental, health and safety (EHS) and other items                   | (302)            | (104)   |      |
| Eliminations   | (20)             | (195)   |      |
| Adjusted total corporate operating costs (Non-GAAP)                      | \$<br>(1,170) \$ | (1,602) | 27 % |

<sup>\*</sup> Non-GAAP Financial Measure



## **Approaches**

- Market Aligned: Measure introduced in 4Q'21 to provide another market view to GE's leverage.
- Rating Agency Aligned: Measure introduced in 2018. Aligned to credit rating methodology.

| GE CONSOLIDATED NET DEBT (NON-GAAP)                                   | December 31, 2021 |
|---|-------------------|
| (Dollars in millions)   |                   |
| Total consolidated GE borrowings (GAAP)                               | 35,186            |
| 100% of preferred stock   | 5,935             |
| Deduction for 100% of GE cash, cash equivalents and restricted cash   | (15,770)          |
| Total GE consolidated net debt - market aligned (Non-GAAP) (a)        | 25,351            |
| Pension and principal retiree benefit plan liabilities (pre-tax) (b)  | 15,341            |
| Less: taxes at 21%  | 3,222             |
| Pension and principal retiree benefit plan liabilities (net of tax)   | 12,119            |
| GE operating lease liabilities  | 2,848             |
| Less: 50% of GE preferred stock                                       | 2,967             |
| Short-term off-book factoring   | 161               |
| Add back total GE cash, cash equivalents and restricted cash          | 15,770            |
| Less: 25% of GE cash, cash equivalents and restricted cash            | (3,942)           |
| Deduction for 75% of GE cash, cash equivalents and restricted cash    | (11,827)          |
| Total GE consolidated net debt - rating agency aligned (Non-GAAP) (c) | 41,453            |

<sup>\*</sup> Non-GAAP Financial Measure

a) - We are including this calculation to provide another market view to GE's leverage.

b) - Represents the total net deficit status of principal pension plans, other pension plans and retiree benefit plans.

c) - We are including this calculation to provide a view aligned to credit rating methodology.

## GE EBITDA & leverage



### **Approaches**

- Market Aligned: Measure introduced in 4Q'21 to provide another market view to GE's leverage.
- Rating Agency Aligned: Measure introduced in 2018. Aligned to credit rating methodology.

#### GE CONSOLIDATED LEVERAGE EBITDA - (NON-GAAP)

| (Dollars in millions)   | December 31, 2021 |  |
|---|-------------------|--|
| GE earnings (loss) from continuing operations before income taxes (GAAP)                                    | (3,683)           |  |
| Less: Interest and other financial charges  | (1,813)           |  |
| Less: Debt extinguishment costs   | (6,524)           |  |
| Less: Depreciation and amortization of property, plant, and equipment and amortization of intangible assets | (3,009)           |  |
| Less: Non-operating benefit costs   | (1,782)           |  |
| Less: Other items(a)  | 1,426             |  |
| Less: Insurance profit  | 566               |  |
| Add: EFS benefit from taxes   | 162               |  |
| Total GE leverage EBITDA - MARKET ALIGNED (Non-GAAP)  | 7,616             |  |
| Add: Rating Agency aligned adjustments(b)   | 132               |  |
| Total GE leverage EBITDA - RATING AGENCY ALIGNED (Non-GAAP)   | 7,748             |  |

### GE NET DEBT/EBITDA RATIO - MARKET ALIGNED (NON-GAAP)

| (Dollars in millions)                                      | <b>December 31, 2021</b> |
|--|--------------------------|
| Total GE consolidated net debt - market aligned (Non-GAAP) | 25,351                   |
| Total GE leverage EBITDA - market aligned (Non-GAAP)       | 7,616                    |
| GE net debt/EBITDA ratio - market aligned (Non-GAAP)       | 3.3x                     |

### GE NET DEBT/EBITDA RATIO - RATING AGENCY ALIGNED (NON-GAAP)

| (Dollars in millions)   | <b>December 31, 2021</b> |
|---|--------------------------|
| Total GE consolidated net debt - rating agency aligned (Non-GAAP) | 41,453                   |
| Total GE leverage EBITDA - rating agency aligned (Non-GAAP)       | 7,748                    |
| GE net debt/EBITDA ratio - rating agency aligned (Non-GAAP)       | 5.4x                     |

<sup>\*</sup> Non-GAAP Financial Measure

<sup>138</sup> 

a) Other items are mainly comprised of adjustments for gains and out of segment restructuring

## 2022 ADJUSTED EPS (NON-GAAP)



We cannot provide a reconciliation of the differences between the non-GAAP expectations and corresponding GAAP measure for Adjusted EPS\* in 2022 without unreasonable effort due to the uncertainty of timing of any gains or losses related to acquisitions & dispositions, the timing and magnitude of the financial impact related to the mark-to-market of our remaining investment in AerCap and Baker Hughes, and the timing and magnitude of restructuring expenses. Although we have attempted to estimate the amount of gains and restructuring charges for the purpose of explaining the probable significance of these components, this calculation involves a number of unknown variables, resulting in a GAAP range that we believe is too large and variable to be meaningful.

## 2022 FREE CASH FLOWS (NON-GAAP)

We cannot provide a reconciliation of the differences between the non-GAAP expectations and corresponding GAAP measure for free cash flows\* in 2022 without unreasonable effort due to the uncertainty of timing of deal taxes related to business sales.

\* Non-GAAP Financial Measure