Collaboration the new driver of innovation

Ben Waters 15 May, 2012





We've been at work building, powering, moving and curing the world for over 130 years.





countries in GE's global presence











Who we are

GE works on things that matter. The best people and the best technologies taking on the toughest challenges. Finding solutions in energy, health and home, transportation and finance.

Building, powering, moving and curing the world.

Not just imagining. Doing. GE works.



"The only source of profit, the only reason to invest in companies in the future, is their ability to innovate and their ability to differentiate."

- Jeff Immelt CEO, GE





ecomagination: delivering growth

Big targets Innovation Partnerships

~\$21B revenue, growing at 15%+ from portfolio of 140 eco products & solutions

Environmental performance



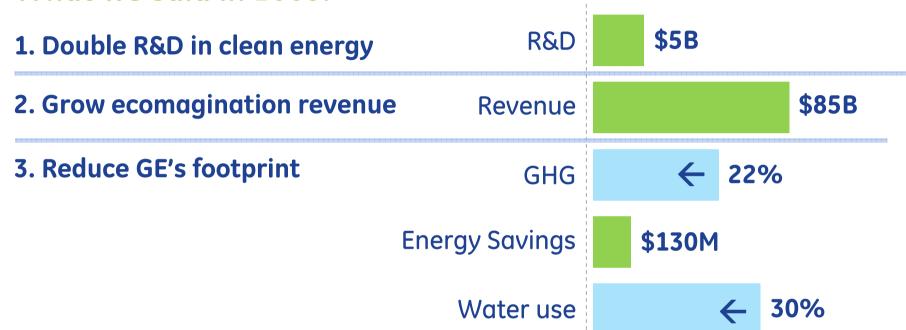
Economic success



Where we are today

What we said in 2005:

What we achieved in 2010:



4. Communicate and engage

GE recognised as the leading cleantech investor for 2011

- Cleantech Group



Doubling down... our goals for 2015

Global eco goals

- 1. Grow >2x of GE's growth
- 2. Further reduce GE's footprint energy intensity by 50% water consumption by 25% GHG by 25%
- 3. Double R&D to \$10B
- 4. Expand our focus
- 5. Open up!

Local eco goals

- 1. Grow >2x of GE ANZ's growth
- Reduce GE's local footprint
 energy intensity by 50%
 water consumption by 25%
 GHG by 25%
- 3. Localise R&D and innovation
- 4. Expand focus with thought leadership and real customer solutions
- 5. Open up! with external partnerships

eco is important for all our businesses

Healthcare

- Digital X Ray
- Voluson Ultrasound
- WAVE Bioreactor

Oil & Gas

- Ibox
- Oregen Waste Heat Recovery Systems
- PGT25+ gas turbines for compression

Transportation

- evolution locomotive
- Trip Optimizer
- Movement Planner

Home & Business Solutions

- LED Light Sources
- · High Eff. CFLs
- Smart Appliances

Aviation

- GEnx
- TrueCourse Flight Management System
- Passport Integrated Propulsion (w/ Bombardier)



Focused on technology and innovation



Energy

- Flex Efficiency 50
- Wind Turbines
- Jenbacher Alternative Fuel gas engines
- SmartGrid
- WattStation/DuraStation EV charging products



Water

- Zeeweed Membranes
- Pro/Titan Reverse Osmosis
- ABMet Advanced Biological Metals Removal

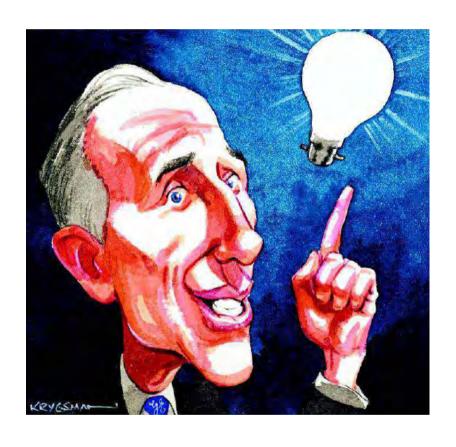


Capital

- Environmental Performance Services
- Arden Access
- Australia eco Mastercard



Innovations for a clean energy future



Global Research: market-focused R&D

First US industrial lab

Began 1900 in Schenectady, NY

Founding principle ... improve businesses through technology

One of the world's most diverse industrial labs





Cornerstone of GE's commitment to technology



History of innovation

1909	Ductile tungsten
1913	Medical X-ray
1927	First television broadcast reception
1932	Langmuir Nobel Prize in chemistry
1938	Invisible/glareless glass
1942	First US jet engine
1953	LEXAN [™] polycarbonate
1955	Man-made diamonds
1962	Semi-conductor laser
1973	Giaever Nobel Prize in physics
1984	Magnetic resonance imaging
1994	GE90® composite fan blade
1999	Digital X-ray
2004	Lightspeed VCT







Tapping into the best talent across the globe



Global Research Center Niskayuna, NY



India Technology Center Bangalore, India



China Technology Center Shanghai, China



Global Research Europe Munich, Germany



Brazil Technology Center Rio de Janeiro, Brazil COMING SOON





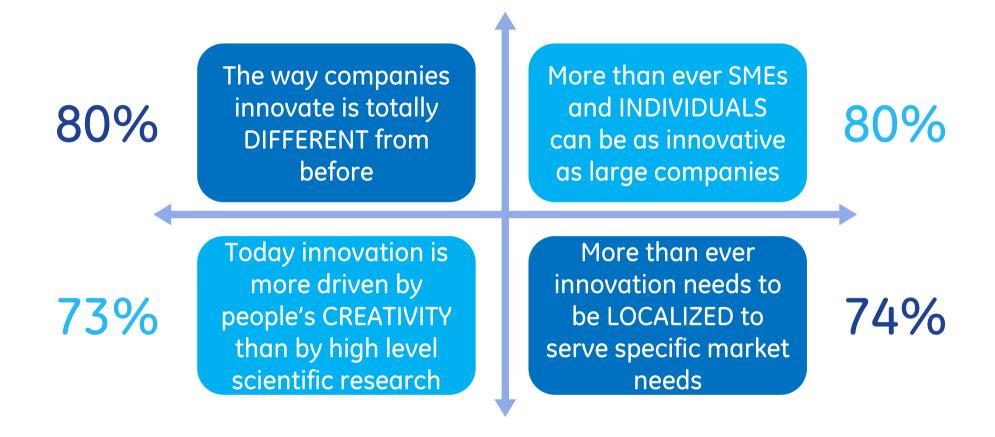








Business embracing a new model of innovation





A Strong Commitment to Partnerships and Collaborations

Transform the way we use our natural resources

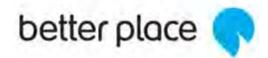
Propel innovation

Spark a new Industrial Revolution





GE and Better Place



Implementing a comprehensive EV infrastructure





















GE and CSIRO



technology

ecomagination



healthymagination



mining



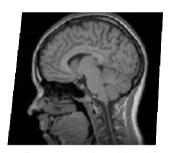




Energy Transformed Water for a Healthy Flagship



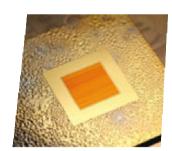
Country Flagship



Preventative Health Flagship



Minerals Down Under Flagship



Future Manufacturing Flagship



\$20M, five-year strategic alliance

ecomagination[®] challenge

Ecomagination Challenge Powering the Grid









ecomagination[®] challenge

Seeding external technology into GE's technology pipeline

- Keeps us close to unmet needs of customers
- Complements internal pipeline and IP portfolio
- Combines with best in class external technology
- Shortens cycle to commercialise external technology
- Advantageous for both GE and its partners



ecomagination[™] challenge

5,000 business plans from 150+ countries22 investments and commercial partnershipsSeed funding to 10 start-ups and innovators

Launched - July 2010
Phase 1:
Powering the Grid

\$71 million to breakthrough technologies in energy storage, utility security, electric vehicle charging services & energy management software. Launched - January 2011 Phase 2:

Powering Your Home \$63 million invested in 10 innovative home energy technology companies as part of GE's commitment to improve household energy efficiency through new technologies. What's Next ...
Partnerships and
Commitments
\$20 million for scaling &
commercializing ideas,
launch region-specific
Challenges















The big transformation: Innovation drives sustainability

Through innovation, we can deliver both economics & resource efficiency

Companies who get it remain relevant, can access markets and attract top talent

You need commitment from the top...

... and you need collaboration

Find out more...

Download the iPad app



ecomagination.com

imaginationatwork.com.au

Thank you

