GE ECOMAGINATION ANNOUNCES PARTNERSHIPS TO ACCELERATE INNOVATION IN WATER AND ENERGY EFFICIENCY

"The success of Ecomagination has proved that efficiency and economics go hand-in-hand. Global water and energy challenges require immediate action.

Today we're joining forces with business partners to develop technology solutions that will improve productivity, reduce impact and increase returns."

- JEFF IMMELT, CHAIRMAN & CEO, GE



CHALLENGE

Meet Energy Demands with Less Impact on the Environment and Climate

FOCUS

Develop Technology and Techniques to Increase Resource Efficiency and Reduce Emissions

OUTCOME

More Economical and Sustainable Solutions for Oil and Gas Production



CHALLENGE

Decrease Energy Intensity of Waste Water Treatment

FOCUS

Pilot Energy Neutral Water Treatment including Data Optimization in the UAE

OUTCOME

Solution Implemented Across the Middle East





CHALLENGE

Accelerate Commercial Adoption of Energy Efficiency & Renewable Energy

FOCUS

Develop & Demonstrate Next Generation Efficiency, Renewables and Digital Solutions

OUTCOME

Scaled Solutions for Wider Commercial Use

TOTAL



CHALLENGE

Expand Industrial Cleaner Energy Options in Emerging Markets

FOCUS

Create Hybrid Cleaner Energy Systems for Industrial Use

OUTCOME

Decreased Energy Costs and Emissions



CHALLENGE

Mitigate Growing Global Water Scarcity

FOCUS

Expand and Finance Industrial and Municipal Water Reuse

OUTCOME

Global Adoption of Water Saving Reuse Techniques



2000

CHALLENGE

Reduce the Emissions-Intensity of Mining

FOCUS

Incorporate Renewables, Efficiency and Data Analytics

OUTCOME

Lowered Fuel Costs and Emissions in Mining Life Cycle



CHALLENGE

Reduce Energy and Water Waste in Manufacturing

FOCUS

Develop Advanced Manufacturing and Digital Optimization Techniques

OUTCOME

Increased Resource Productivity in Manufacturing

BUSINESS CAN DRIVE IMMEDIATE ACTION. BY 2020 WE SEE:

Gas and solar
will displace
diesel in
one third

of all distributed power installations The Industrial
Internet
will help
double

the rate of resource productivity 50% of all new electric power additions will be

renewables

storage costs will be cut in half The number of installed smart meters will reach

Fuel cell installataions will grow by 400%

Industrial desalination and water reuse will grow by

shipments
will
quadruple

New coal power plants will achieve a net electrical efficiency of 50%.

of all global energy industry jobs will be in clean tech Global transportation energy efficiency will increase by