

This is

GE Healthcare

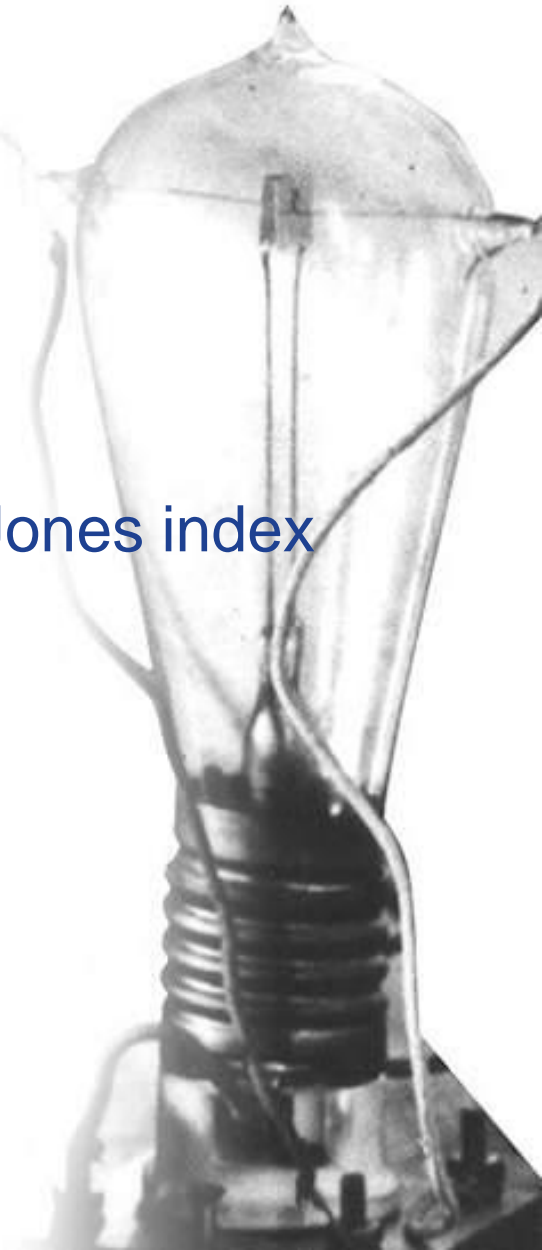


Dr Karim Harchaoui
GE Healthcare
Algeria
Country Manager



GE – A heritage of innovation

- Founded by Thomas Edison in 1878
- Only company from the original 1896 Dow Jones index still listed today
- 300,000+ employees world-wide
- \$157 billion revenue in 2009



GE business segments

Technology Infrastructure



Healthcare



Aviation



Transportation



Home & Business Solutions

Energy Infrastructure



Energy



Water



Oil & Gas

GE Capital



Commercial Finance



GE Money



Corporate Treasury

NBC Universal



GE in Algeria

GE has been in Algeria for the last 45 years with a wide range of diverse products & services: compressors & pumping stations, power plants, process plants, jet engines, locomotives, medical equipments



One of GE's Key Projects: GE Water & Process Technologies: Hamma Desalination Facility

- Largest RO Desal Plant in Africa
- 25% of Algiers drinking water
- 200,000 M³ per day potable water capacity
- 25 year Build-Own-Operate (“BOO”) with take-or-pay Water Sale & Purchase Agreement



Global research and manufacturing



Top talent, highly diverse...driving technology innovation

- Over 2,800 research scientists
- More than 1,000 PhDs
- Multiple disciplines
- 45 different nationalities



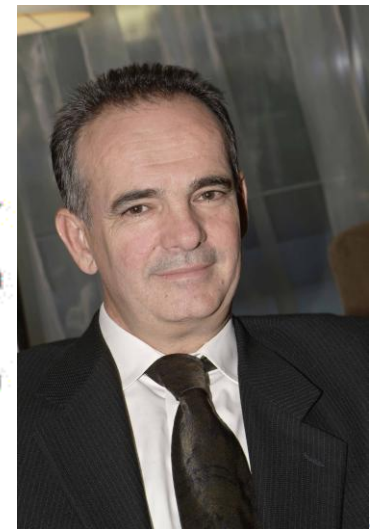
Global manufacturing facilities in all major regions

Strategic Move in Algeria

- *GE has been in Algeria for the last 35 years*
- *Dynamic healthcare market; strong demand for infrastructure, technology & expertise*
- *Appointment of Managing Director (Country Manager) for newly created GE Healthcare entity in Algeria*
- *Strengthens GE presence in Algeria as well as the market itself*
- *Thrust on supporting healthcare infrastructure development, “Early Health” approach*

Karim Harchaoui prend la tête de GE Healthcare Algérie

GE Healthcare, la branche de services médicaux de Général électrique company (GE), a nommé le D'Karim Zoheir Harchaoui à la tête de sa filiale en Algérie. Le nouveau DG aura pour principale mission de conduire la croissance organique de la société en Algérie. Il sera ainsi responsable du développement et de l'expansion des relations avec les clients, mais également, une implication au plan stratégique. Cela consistera à nouer des partenariats à long terme avec les secteurs privé et public. Le D'Karim Harchaoui possède une grande expérience dans l'industrie médicale.



GE Healthcare Algeria

- Direct in Algeria since Feb 2008
- 40 employees (20 Services)
- Installed based: more than 700 systems
- Serving more than 20 Public Hospitals and 100 private clinics
- Local Parts Warehouse



GE Healthcare

\$16 billion global business unit of
GE

46,000 employees
worldwide

\$1 billion+/year
investment in R&D

Core strengths in
bio-sciences,
technology, business



Healthcare Systems

Advancing every phase of patient care, from diagnostic imaging to routine testing to life-critical care.

Anesthesia Delivery

Bone Densitometry

Computed Tomography Service

Diagnostic Cardiology

Home Health

Interventional

Maternal Infant Care

Molecular Imaging

Monitoring Solutions

Magnetic Resonance Imaging

Respiratory & Sleep

X-ray

Ultrasound



Healthcare IT

Providing comprehensive clinical & financial information technology solutions that enable better decisions and outcomes for both businesses and patients.

Improve revenue cycle

Drive quality outcomes

Accelerate image management and workflow



Life Sciences

Delivering breakthroughs in drug R&D and biopharmaceutical manufacturing, and the latest in cellular technologies.

Biopharmaceutical development & manufacturing solutions

Partner for cell and protein research

Scientific asset service & management



Medical Diagnostics

Providing leading-edge contrast agents and nuclear medicine products for diagnostic imaging across all modalities.



Surgery

Mobile fluoroscopic imaging systems to help guide minimally invasive surgical procedures.

Vascular

Orthopedics

Spine

Urology

Cardiac

General Surgery

Pain Management

Outpatient Interventional



Performance Solutions

Partnering with healthcare providers to improve overall performance, and sharing ownership of sustaining outcomes that reduce cost and create safer, more efficient patient care.

Strategy and Leadership

Capacity Management

Patient Safety

Clinical Decision Support
Solutions

Integrated Health Organizations



Key customers

Healthcare systems, hospitals, clinics

- Physicians
- Clinicians
- Nurses
- Executives and Administrators
- IT managers
- Biomedical engineers
- Construction managers

Government officials

Pharmaceutical firms

Genetics researchers

Bio-science researchers



Healthcare trends

Towards patients

- Better health for more people

Towards wellness and prevention

- From post-symptomatic diagnosis to pre-symptomatic screening
- Improved access through tele-technology

Clinical convergence

- Diagnostic tests (in vivo and in vitro)
- Diagnosis linked to therapy
- Convergence of pharma / diagnostic industries

Productivity and 'cost-out' driven

- Reimbursement pressure on providers

Information driven

- Payors demand rigorous cost/benefit analysis
- Accessible and actionable patient information



Need for a fundamental change...

Aging population • People with multiple diseases
Treatment costs • Productivity loss



Cancer
One person in three
will have cancer

Heart Disease
1 person dies from
CVD every 33 seconds

Brain Disorders
20% aged 75-84 with
Alzheimer's disease

The need for healthcare innovation

Healthcare Needs

” Big health challenges“

- Rise of chronic diseases: Alzheimer’s, Diabetes, Congestive Heart Failure, Obesity.
- Aging populations.

Global vs. local responses

- Local solutions + global applicability... Tools to address rural health.

Broaden technology & services

- Innovation that drives access & productivity.

Best Solutions

Technology for lower-cost outcomes

- Targeted, “ just what you need” technologies or services.

Accelerate healthcare IT

- Enable physicians through decision support & productivity tools, financing.

Rural/underserved focus

- Health essentials: water & energy; financing.

Consumer-driven health

- More innovations outside of hospitals (e.g. homes, retail settings)
- Consumer awareness, motivation.

Healthcare is changing around the world...so is

healthymagination

Addressing important global healthcare needs



Reduce the cost of health procedures and practices through GE technologies and services



Improve quality and efficiency by simplifying ways of driving best standards of care



Increase access to better health for more people through low-cost innovation, education, and financing

*\$6 billion commitment to making health
sustainable*



\$6B investment focused on outcomes

Reduce cost

- Greater efficiency
 - Asset optimization
 - Maximize throughput
 - Reduce variance
- Managing chronic diseases



15% ↓

Improve quality

- Reducing medical errors
- Remote medicine/monitoring
- Early disease detection



15% ↑

Increase access

- Maternal & infant care
- Water & sanitation
- Screening for life-threatening conditions



15% ↑



**Oxford
Analytica**

3rd party validation

2010

20-25 validations
1st annual report

2015

100+ validations
5th annual report



imagination at work

Ways this may benefit...

Our world



- Underserved people will have more access to better health technology and services such as water, energy and GE Healthcare solutions.
- People will be able to access quality health from home and will have education and tools on a variety of health and prevention topics.

Healthcare



- More doctors and hospitals will have access to lower-cost and more targeted health products and IT through GE Capital financing.
- GE will help health providers become safer and more efficient through IT solutions and process improvements.

Everyone will benefit

Low-cost outcomes

Each year, over 100 million people globally fall into poverty because of healthcare costs.



Better quality care

Patients currently receive best practice care only 54% of the time.



Help underserved populations

2 billion people live without access to basic healthcare around the globe.



Consumer health

Comprehensive change in wellness behavior can reduce health costs by 25%.

Retail clinics

NBC  

Disease management

intel Health  NBC

Aging services

GE Healthcare vision

Predict, Diagnose, Monitor, Inform and Treat



Predict

See the future.

Change the future.

Identify at-risk patients earlier before the onset of symptoms.

Understand genetic and proteomic influences on disease.

Leverage family history and environmental Information.



Diagnose

The earlier you detect disease, the greater the chance to effectively treat it.

Visualize and analyze disease at the molecular level.

Provide functional and anatomic information.

Diagnose disease earlier and more precisely – based on the individual patient.



Treat

Tailor the treatment to the patient.

Develop more targeted and effective therapies for the individual.

Aid in the faster development of new, more targeted drugs.

Enable earlier, less invasive treatment.



Monitor

Track the efficacy of treatment.

Facilitate earlier treatment —
modification decisions.

Extend continuity of care — both
within and outside of the healthcare
facility.



Inform

Provide critical patient information – when, where and how it's needed.

Improve efficiency and accuracy of data.

Connect all areas of care within a healthcare system.





Ecomagination is GE's commitment to solving some of today's most pressing environmental and business challenges.

Ecomagination

From turbines that harness wind power to purification systems that create fresh water from the sea...



Ecomagination

GE provides solutions that
protect our greatest
asset of all:

the world



Ecomagination

Products for the environment



1,200
homes



8 Billion litres
conserved



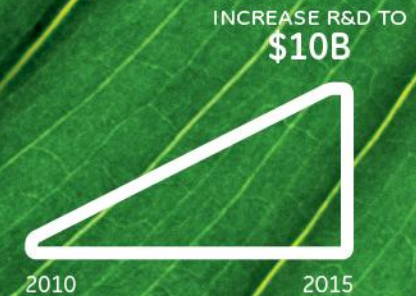
40% less
emissions

ecomagination

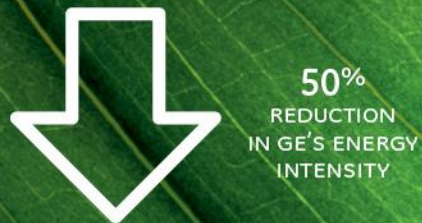
1. Continue to increase revenues from ecomagination products



2. Double investment in R&D



3. Reduce greenhouse gas emissions and improve energy efficiency of GE



4. Reduce water use and improve water reuse



5. Keep the public informed





imagination at work