

# Background

#### **BACKGROUND**

Launched in June 2016, and located in the African commercial hub, of Johannesburg, South Africa, the GE Africa Innovation Centre (GE AIC) serves Sub-Saharan Africa and is dedicated to the rollout of sustainable innovation programmes, projects and solutions for the region.

#### The GE AIC is:

An integrated centre that is committed to innovation, collaboration, thought leadership, learning, ideation, prototyping, and commercialisation - leveraging the best of GE methodologies, technologies and tools.

#### **KEY OBJECTIVE**

To work collaboratively with our key stakeholders on tackling Africa's biggest challenges - or opportunities - and innovating sustainable solutions to African challenges.

#### **FACILITIES:**

- The GE Africa Experience: A digital and interactive exhibition and exploration zone, showcasing the best of African and GE innovation
- The GE Healthcare Experience: A hands-on training facility, equipped with the full suite of GE Healthcare technologies.
- Agile Workspaces: For GE employees, visitors, and resident faculty.
- The GE Learning and Development Centre: serving Sub-Saharan Africa.
- A Digital Laboratory: for Open Innovation and collaboration the best of the GE Global Brain, on site in SSA.
- Flexible Innovation, Collaboration, Breakaway, and Ideation zones: throughout the building.
- The GE Work Cafe: serving fresh locally-sourced brain-food, and providing on-site catering for all training and events.

#### **IN RESIDENCE:**

- GE SSA Healthcare, Learning & Development, Digital, Enterprise Development and Remote Monitoring [IPRC] teams as well as the GE SSA Innovation team and GE AIC facilities and operations.
- Visiting subject-matter experts, guest lecturers, and facilitators.



# Facilities



The first LEED-certified GE building in SSA, the GE AIC includes locally sourced industrial design from across Africa - over 200 individual pieces .

The most note-worthy of the African designer furniture and installations, is a three-storey reception mural, created from over 3000 hand-carved wooden pieces by Botswana industrial





GE AFRICA WORK CAFÉ









### **GE AFRICA EXPERIENCE**



Flexible digital and Interactive hands-on exhibition and demonstration space, with ideation, AR and VR stations and flexible space for 150 seated.



FIRST FLOOR AGILE WORKSPACE With Tele-presence and Breakaway Zones

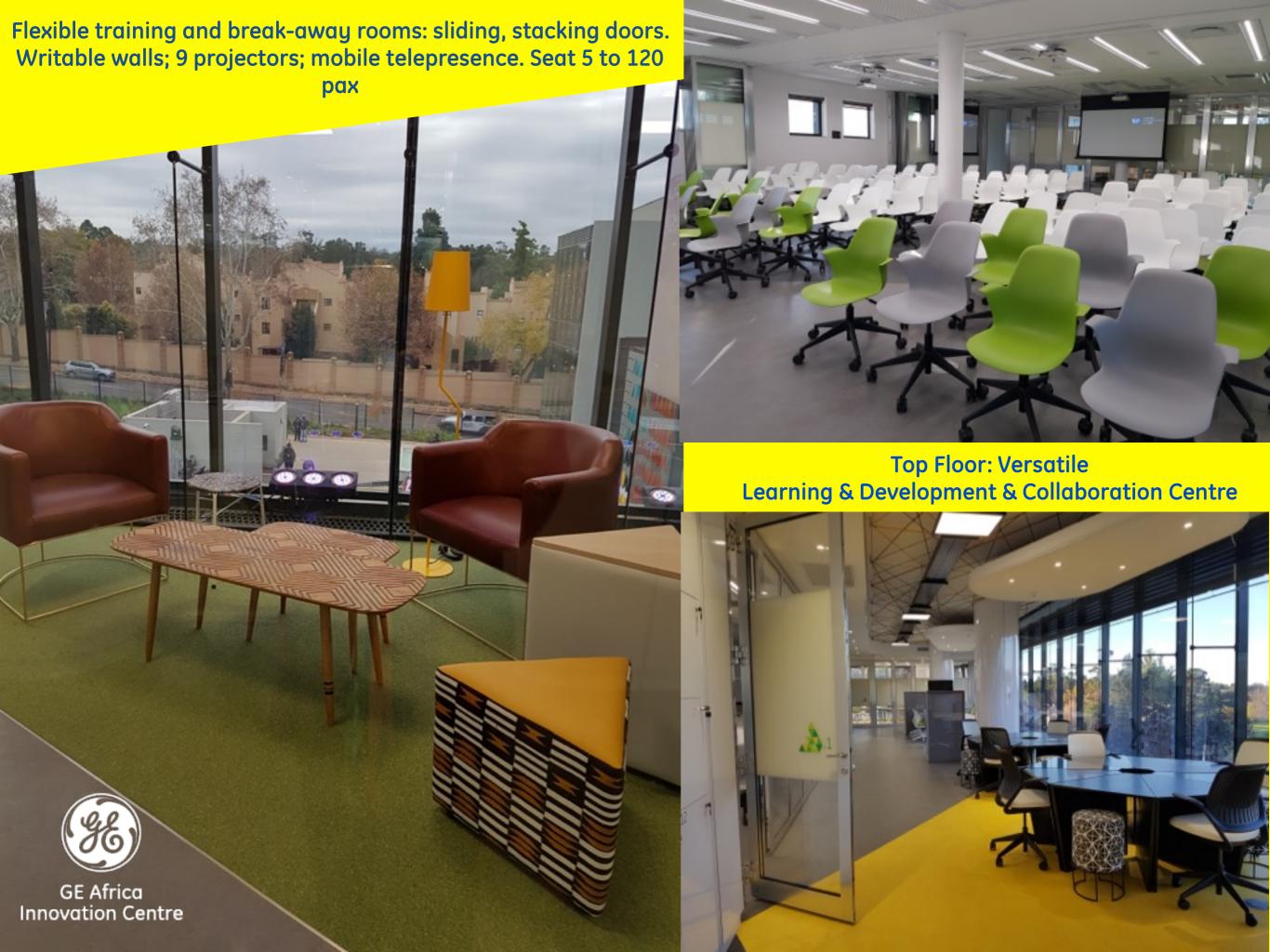




GE AFRICA HEALTHCARE EXPERIENCE

8 stations: Reception; ER; CT; Surgery; Maternal Healthcare; Cardiology; Diagnostic Imaging; 16 pax Training





## **Achievements To November 2016**

#### INNOVATION & DIGITAL NETWORK

#### **GE Innovation Network: Global Challenges**

- 4 Minds+Machine qualifiers
- 3 Slush Challenge submissions
- 2 submissions Predix Global Developer Pilot

#### **GE AIC Innovation Challenges**

- Healthcare Accelerator with Standard Bank
- Women Entrepreneur Challenge with Lionesses of Africa
- Simulation & Modelling Start-up

#### **GE Digital Council, Academy and Lab**

- Launch of SSA Digital Council
- Digital Academy: various engagements
- Transport Digital Lab

### GE AIC Innovation Workshops and Workouts

- Speed Workshops For Universities:
   Wharton x1; GIBS x3; African Leadership
   University
- Full Day Workshops: Internal Clients:- 30 pax x1

#### STAKEHOLDER ENGAGEMENTS

#### **Key Client Engagements**

- Key Clients including Crotonville delegation - 12 Corporate Leaders
- Various Diplomatic delegations

#### **Research Collaborations**

- Research Institutions: CSIR; SABS MoUs
- Tertiary Institution (Skills Development, Research): University of Pretoria; Wits; Johannesburg; VUT

#### Multi-stakeholder Events [100 pax +]

- GE AIC Global Launch 13 June 2016
- Compliance
- Healthcare Breast Cancer Awareness

#### Multi-stakeholder Events [0-60 pax]

- Catered events 150 +
- Healthcare Training 20 sessions

#### **L&D - Crotonville Curriculum:**

- 697 pax trained - over 25 courses

### Enterprise Development- Londvolota Trust

- Completion of first round 18 entities trained & integrated into Supply chain
- Recruitment of second round

#### **OPEN & SOCIAL INNOVATION**

### <u>Digital Open Days & Ecosystem Workshops [50 - 120 pax+]</u>

#### **Ecosystem**

STEM Career Days - Secondary Schools;
 Orphanage x 3 events- 120 pax

#### **Innovation and STEM Workshops**

- Family and Friends Day 180 pax
- African Ecosystem 80 pax
- TedX 80 pax

#### **BRANDING & COMMUNICATIONS**

#### **Publicity & Publications**

- Launch publicity all global media platforms
- Ongoing features architectural, industrial and business media
- Brochures x 2

#### **Social & Internal Communications**

- Website; Facebook & Twitter updated daily
- Monthly/Quarterly Internal Newsletters
- GE AIC You Tube Channel
- Slack introductions

#### **Promotional Products**

- GE Innovation Fact Card Game
- Youth Placemat Logo Game
- Coasters, Lanyards; 3D printed flashdrives





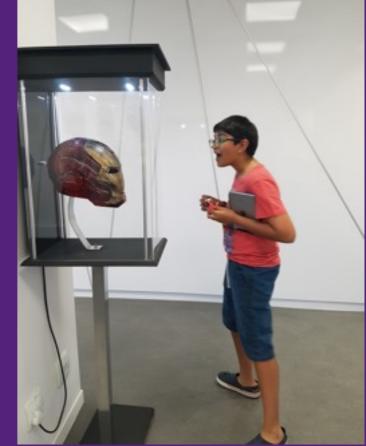




Multi-stakeholder and Ministerial Delegations. Africa CEO Jay Ireland goes virtual; South Africa CEO Thomas Conditi with African Ministerial Delegation







FAMILY & FRIENDS OPEN INNOVATION DAY: OCTOBER 2016





Robotics; 3D Printing; VR Stations... and Giant Puppets









120 learners from across the region; 11 African Young Entrepreneurs - African Leadership Academy and SOS Childrens Villages

















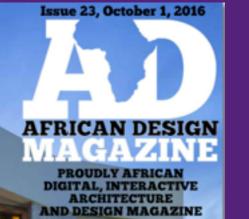












**PUBLICITY** 

The vision was to provide accessibility to a healthy environment and internalise this in the workplace promoting an integrated and balanced healthand wellnessdriven work



### GE African project GE Africa Innovation Centre AD - South Africa

#### **Open Innovation Programme**

#### **Digital Exploration**

- 1. VIRTUAL REALITY 10h30; 11h15;12h00; 12h45.
- 2. ROBOTICS 2nd Floor 10h30; 11h15;12h00; 12h45.
- 3. 3D-PRINTING 2nd Floor Lab 10h30; 11h15;12h00; 12h45.

#### **Physical Exploration**

- 4. CENTRE TOUR Ground Floor GE Café 10h30; 11h15; 12h00.
- 5. CUP-CAKE CRAFT 2nd Floor Balcony 10h30; 11h15;12h00; 12h45.
- 6. PUPPETS
  Outdoor and Reception Photo opportunities through the morning
- 7. 3D-PRINTED FLASH DRIVES & EXTRA SNACKS For Sale Through the day.











movetion Workshops for clients and employer















**PROMOTIONAL MATERIALS & COLLATERAL**