



# Egyptian Green ICT strategy; Pillars- Partners- Programs 2010-2018



# Vision & Mission



## Vision

mainstream green ICT with all sectors to help wise management of Egypt's resources and provide innovative solutions to enhance the quality of life of the Egyptians.

## Mission

explore, adopt and promote cost effective and energy efficient ICTs from cradle to grave, taking into consideration the whole ecosystem to enable sustainable ways of work and contribute in the achievement of the SDGs in a knowledge based society through the rational use of existing resources with the help of green ICTs



# Strategic objective



1

- Link ICT, climate, environment, and energy policies across governments

2

- Ensure the sustainable management of E-waste

3

- Maximize the diffusion of smart and green ICT solution on other sectors(energy, water, building, etc...)

4

- Develop skills and capacities in the area of “green ICT”

5

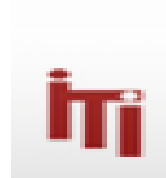
- Increase public awareness of the role of ICTs in improving environmental performance

6

- Measure environmental impacts of ICT and the usage of ICT in other sectors

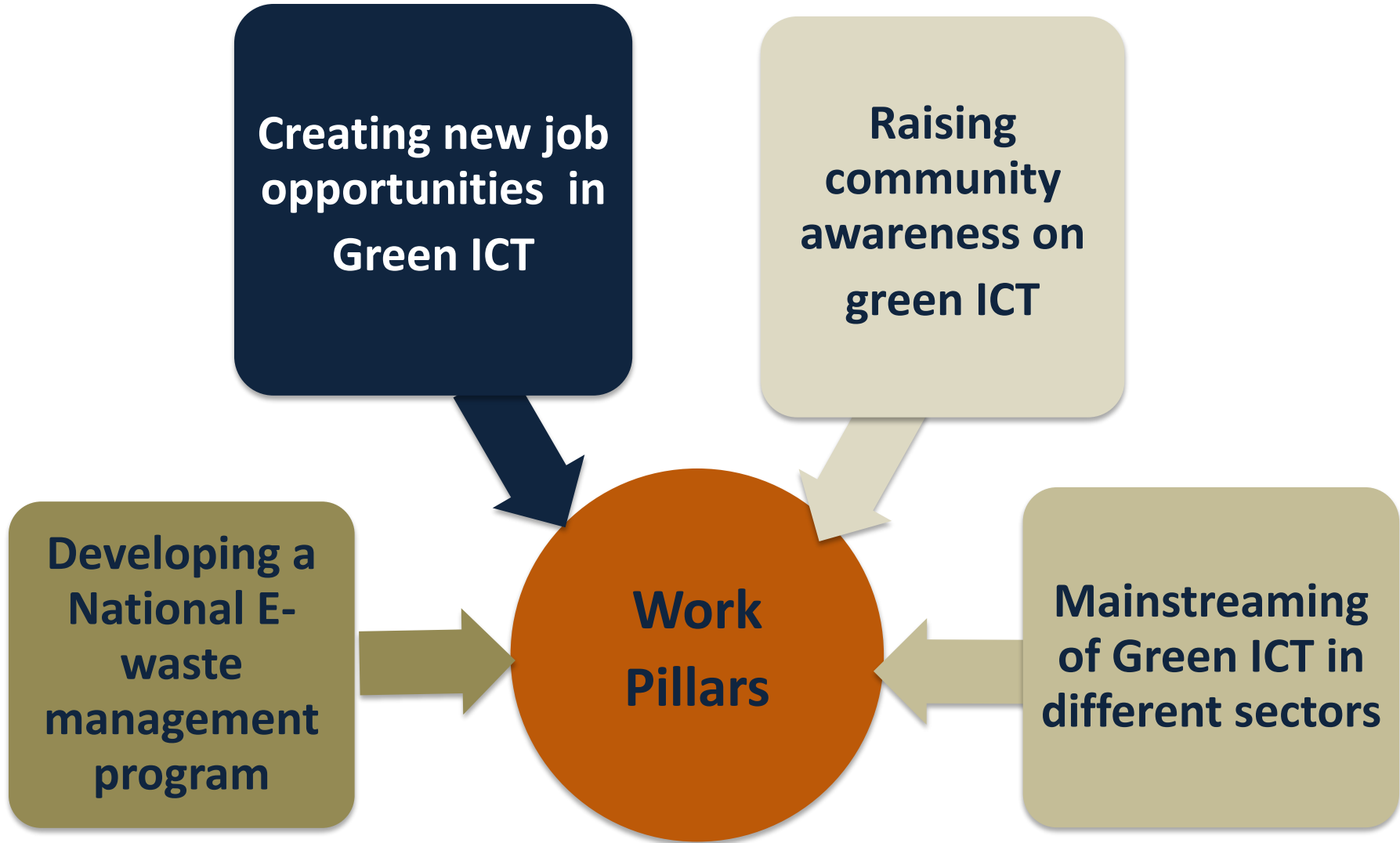


# Stakeholders





# Work Pillars





# Developing a National E-waste management program



# Achievements



World Bank

- TOR of Diagnostic analysis on E-waste management practices on Egypt.
- Road Map for the implementation of E-waste Pilot Project , including: Note on economic incentives, Collection Strategy, Guidelines for the involvement of private sector and NGOs in e-waste management
- concept note on” available training courses on E-waste Management and Green ICT Procurement



Consortium of Best of 2 Worlds approach

- Hosting the 1st and 2nd stakeholders meetings’ of the Best of 2 Words approach.



Ministry of Industry and Foreign Trade

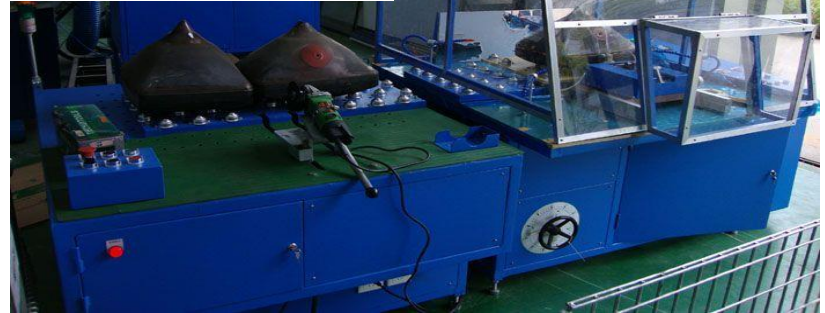
- In cooperation with the ministry of Environment, and ministry of Industry and foreign trade”, a study has been conducted on “ assessing the ministerial decree No 384 for year 2012 on the prohibition of importing used computers and its peripheral which issued by ministry of Industry and foreign trade”





# Achievements

- Opening the ITG –E-waste recycling factory (the 1<sup>st</sup> in Egypt and middle East);
- Launching the first campaign of collection from home (Recyclobekia & Resala);
- Supporting Spear Ink company. The first factory in Egypt in the field of re manufacturing cartridges and producing ink and toner refilling machines







# Current activities



- **Conducting a national assessment for E-waste management practices in Egypt**
- **reviewing and updating the current laws and legislations to meet the international standards**
- **developing financial schemes for E-waste recycling such as EPR system**
- **Developing an accreditation system for e-waste for private sector**
- **Supporting the development of a national E-waste collection mechanism**
- **developing a portal for national solid waste management**
- **Participating in UNDP-GEF protect human health and the environment from unintentional release of POPs originating from incineration and open burning of health care and E-waste project**





# Raising community awareness on green ICT program



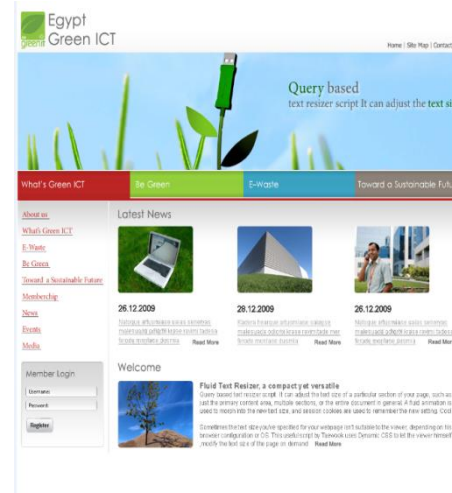
# Achievements



- Organizing workshops and sessions
- Hosting international conferences:
  - 5<sup>th</sup> ITU symposium on ICT , the Environment and climate change(November, 2011)
  - 1st workshop on ICT as enabler for smart water management ( April,2013)
- Guide booklets “Green IT in daily life
- Green ICT Portal



The 5th ITU Symposium on  
“ICT, the Environment & Climate  
Change” November, 2011





# Current Activates



- Building online database for environmental experts'
- building an online environmental community knowledge network.  
<http://kenanaonline.com/eekn>
- Launching the 1st Arabic website on "green ICT"
- Building 30 website for NGOs whom working In environmental issues.



الطاقة المتجددة

طاقة الرياح  
طاقة النووية  
الطاقة الشمسية

عدد 10 مقال تحت قسم الطاقة المتجددة  
[تصفح جميع المقالات](#)

الترتيب حسب الأحدث الأكثر مشاهدة الأكثر تصويتاً



الطاقة: ركيزة للتنمية المستدامة في مصر



اختراع يتيح للبشر إنتاج الطاقة من البول



اشحن جهاز المحمول الخاص بك عن طريق الفاكهة



# Mainstreaming of Green ICT in different sectors



# Achievements



- **Workshop on green procurements for public sector(MCIT&WB)**
- **Guidelines booklet on “Green procurement”(MCIT&WB)**
- **Study on “ICT’s Potential for Energy Saving and GHG Emissions reduction in the Built Environment-Egypt”(MCIT & ITU)**
- **project for retrofitting the lighting system in MCIT premises with an Energy efficient one**
- **Chairing the focus Group on Smart Water Management (June, 2013)**



## Using Eco-labels to Procure Sustainable IT Products







# Current activates

- **Develop a Recommendation L.Adaptation\_Countries on “how ICTs can help countries to adapt to the effects of climate change”**
- **Develop a Recommendation L.Infrastructure\_Adaptation on “adapting the ICT sector and its infrastructure to the effects of climate change”**
- **Develop Recommendation L.Adaptation\_Cities on “how ICTs can help cities to adapt to the effects of climate change”**
- **Develop report on the best practices of smart water management**
- **Develop KPI & Standardization on Smart Water management**
- **Participating on “PHAROS Integrated Eco-routing and Fleet Management System” EU-RDI project**



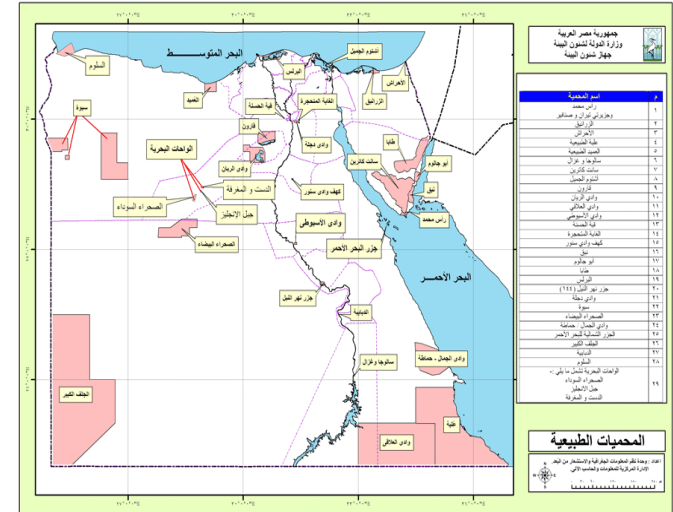




# Current activates



- Issuing an Atlas of the Egyptian Natural Protectorates
- Issuing a national guidelines on how to document the protectorates
- Develop a panorama heritage of natural protectorates
- develop of a unified database for natural protectorates
- produce documentaries for natural protectorates





# Creating new job opportunities in Green ICT



# Future Plans



**Building skills  
and capacities**

**Develop Green  
ICT youth  
Incubators**

**new job  
opportunities  
in Green ICT**



# Thank you