

# Egyptian Green ICT Strategy



**SAVE**  
Energy  
Money  
Environment

*Thinking Globally, Acting Locally*

- Global warming, climate change, green agenda, sustainable development, etc. are becoming more and more important and therefore it is relevant to address these issues also in the context of standardization.
- Since 1970, the production of greenhouse gases has risen by more than 70 %, and this is having a global effect in warming the planet, causing changing weather patterns, rising sea-levels, desertification, shrinking ice cover and other worrying long-term effects.
- Environment protection is a shared responsibility between the various ministries and sectors and one of the pivots to reach sustainable development .
- sustainable development can be conceptually broken into three constituent parts: environment Sustainability, economic sustainability and sociopolitical sustainability.

## Strategic Objectives

- Raise community awareness about Green ICT challenges and opportunities.
- Set fundamentals and national policies for Green ICT.
- Adopt a multi-stakeholder approach to address various green ICT challenges.
- Reduce the adverse environmental effects resulting from the expansion in the use of ICT.
- Support the use of communication and information technology as an effective tool to reduce GHG emissions resulting from other sectors.

# The Framework

1. Raising Community awareness about Green ICT Program.
2. E-waste sustainable Management Program.
3. ICT solutions For a sustainable future program.

# 1. Raise Community awareness about Green ICT Program

1. Establish a Green ICT Community of Expertise (CoE).
2. Organizing workshops and sessions to raise community awareness about green ICT.
3. Develop a training program for building capacities in the field of green ICT.

# 1. Raise Community awareness about Green ICT Program

4. Compile leaflets and publications to raise community awareness about green ICT.
5. Compile manuals to raise the awareness of public and private sector about Green ICT.
6. Establish conditions and specification for Green ICT equipments in regard with global trends.

## 2. E-waste sustainable Management Program

1. Conduct E-waste assessment report that cover the big Cairo governorate.
2. Implement a program for raising the community awareness about E-waste threats and opportunities.
3. Support the participation of IT companies and institutions to start the implementation of pilot projects for e-Waste Management .
4. Participate in proposing legislation and laws to support the rational management of electronic waste .

### 3. ICT solutions For a sustainable future program.

1. Organizing workshops and sessions to raise community awareness about the role of ICT in dealing with the repercussions of climate change .
2. Establish a pilot project for applying green and smart ICT applications in one building of new technological areas-Maadi, and Compile study to determine the compatibility of the smart village with the standards and architecture of green buildings.
3. Support the Ministry of State for Environment Affairs (MSEA) to establish a database to collect data relevant to climate change and analyzing it statistically .



Thank you