

IGF 2017 Reporting Template

- **Session Title:** internet of things supportive role of smart solutions in the decision making process

- **Date:** DEC.17, 2017

- **Time:** 11.30-12.30

- **Session Organizer:** IDSC information decision and support centre

- **Chair/Moderator:** Antwan Awon ,Ministry of Communication , Lebanon

- **Rapporteur/Note taker:** Heba Abd El-Hamed

- **List of Speakers and their institutional affiliations:**

- Ms. Nirvana Farrag, Director-General, International Cooperation Department, IDSC.
- Dr. Atef Elshabrawy, CEO-founder, Social Innovation Expert.
- Dr. Hoda Dahroug, Acting Head of the Central Division for Community Development Ministry of Communications and Information Technology Member of the Presidential Advisory Council For Community Development.
- Dr. Jimson Olufuye, Chair of AFICTA .
- Ms.Sohaila Amazouz, senior policy officer at the African Union.
- Dr. Mostafa Fathy, Head of Information Technology at Arab Administrative Development Organization (ARADO).
- Alaa Zohery, Government officer at WFP .
- Eng. Zeyad Abdel Tawab, Head of Communication Sector, IDSC

- **Key Issues raised (1 sentence per issue):**

The Workshop addressed the impact of Internet of Things and smart solutions in enabling the decision making process through various technical, social, economic and political perspectives. The workshop will attempt to highlight how Internet of Things tools can have a significant role in shaping the digital future of the human life through greater connectivity and ultimate functionality.

The session also tackled what governments should be doing to leverage IOT in their communities; they need to pay attention to the role of IoT tools in impacting performance since IoT goes hand in hand with efficiency, transparency and accountability. Decision makers need to learn the importance of embracing data-driven decision making through the engagement of various multi-stakeholders. in addition, decision-making is now based on a combination of our knowledge, experience, intuition, and data. Data-driven decision-making is accurate, on time, valuable, and actionable data.

Also IDSC role in Egypt was Shared with the audience, as it is mandated to help Egyptian government in making decision process, and, it was mentioned the development in Health care sector in Egypt. the challenges and barriers that Africa faces in applying the digital inclusion, and its impact on the decision making process, how the IoT can impact decision makers, what are the roles of decision makers in developing IoT policies, how far IoT helps advancing and sustaining improving standards of living of people, and how can smart solutions support all stakeholders in the decision-making process.

- If there were presentations during the session, please provide a 1-paragraph summary for each presentation:

1. The first presentation tackled the situation of health care in Egypt, and how the digitization played a very crucial role in developing the situations in Siwa and Nubba, also the Remote Diagnosis System.
2. The second one tackled the place of Africa in the digitization process all over the world, and what are steps Africa needs to do to reach a high level in this digital revolution.

- Please describe the Discussions that took place during the workshop session (3 paragraphs):

The Internet of Things is an umbrella which describes a range of applications and goals that are enabled through the connection of devices and objects equipped with communication capacities. The government of Egypt is paying great attention to the growing industry of IoT and integrating the ICT into all public and private affairs alike where the Egyptian cabinet information and decision support center was one of the first organizations in Egypt that introduced ICT to the Egyptian community.

IDSC has a record in supporting the Egyptian government through initiating several ICT creative and smart solutions. There are major initiatives that were launched recently. E-grievance is an Egyptian government portal that facilitates the communication between the citizens and the decision makers about citizen complaints and problems. It has a database of citizen complaints to be used for development .Egypt development map using different geospatial systems to configure, display, analyze in projects in Egypt in all socioeconomic sectors.

We have to change the mind set and get the community's engagement by giving awareness, get the interest and get the trust to generate and collaborate together because the main partner in this model was the community itself. This would not have happened and succeeded without the multi-stakeholders partnership from the higher education academia. Civil Society, Private sectors was engaged for software solutions, infrastructures and awareness.

The value generated by IT is cross cutting in terms of our great oil and gas, health care, commercial, and rail transportation. Africa should and must take advantage of this revolution and catch up to the rest of the world in terms of E-Governance we need to transform our

economies using ICT's. Africa must adopt policies to promote IoT. And addressing local needs and solving local problems.

- Please describe any Participant suggestions regarding the way forward/ potential next steps /key takeaways (3 paragraphs):

- Africa should take advantage of the E-Governance; As Africans need to transform our economies using ICT's.
- A collaborative governance approach one that shows on the expertise and engagement on a wide range of stakeholders to provide proper solutions .
- The necessity of having IoT education and awareness programs for developing skills tailored for each sector for better performance and having outstanding outcomes.
- IoT system designers also should consider the full lifecycle of the IoT to ensure obsolete devices don't pose security risks.
- Governments should promote the usage of Internet in all sectors to guarantee having reliable data which will help in having data infrastructure growth
- policy initiatives should be user oriented, market driven and needed to enhance privacy of end users, security and fair competition.

Gender Reporting

- Estimate the overall numbers of the participants present at the session: 7

- Estimate the overall number of women present at the session: 3

- To what extent did the session discuss gender equality and/or women's empowerment?

- If the session addressed issues related to gender equality and/or women's empowerment, please provide a brief summary of the discussion.