

International Science Center & Science Museum Day (ISCSMD)

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On November 10, 2016, on the occasion of the World Science Day for Peace and Development and in partnership with the United Nations Educational, Scientific, and Cultural Organization (UNESCO) and the International Council of Museums (ICOM), science centers, science museums, and their networks worldwide organized the first International Science Center and Science Museum Day (ISCSMD). On that day, science centers and science museums were invited to offer activities based on at least one of the 17 [Sustainable Development Goals](#) (SDGs) declared by the United Nations.

Building upon that UNESCO theme of “Science for Peace and Development,” goal is to create new ways for our institutions to proactively address global sustainability while reaching increasingly diverse audiences. ISCSMD aims to demonstrate the engagement and impact of the science center and science museum field and will present the outcomes as part of the [Science Center World Summit](#) in Tokyo in November 2017 (International Science Center and Science Museum Day, 2016).

To support the Sustainable Development Goals, NAMES network actively participated in ISCSMD through activities across the region conducted by 7 of its members which were presented on the ISCSMD official website and made a mark on its worldwide map.



Map of countries participating in ISCSMD

Members of NAMES network partnered with different organizations to collaborate on achieving successful activities in support of SDGs. More specifically, NAMES members focused on supporting the following goals:

- Goal 4:** Ensure inclusive and quality education for all and promote lifelong learning.
- Goal 7:** Ensure access to affordable, reliable, sustainable and modern energy for all.
- Goal 8:** Promote inclusive and sustainable economic growth, employment and decent work for all.
- Goal 9:** Build resilient infrastructure, promote sustainable industrialization, and foster innovation.
- Goal 11:** Make cities inclusive, safe, resilient, and sustainable.
- Goal 15:** Sustainably manage forests, combat desertification, halt and reverse land degradation, halt biodiversity loss.
- Goal 16:** Promote just, peaceful and inclusive societies.

NAMES also participated in World Science Day for Peace and Development on Thursday November 10th in Paris, represented by Eng. Shirin Husseini, Content Development Manager at Al Nayzak for Supportive Education and Scientific Innovation, where the SDGs were discussed as a process of global commitment. Different issues were discussed including the role of science in supporting SDGs and advancing public engagement in the SDGs with emphasis on the challenges and opportunities in serving diverse communities.

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The ISCSMD was organized on the occasion of the World Science Day for Peace and Development by

- UNESCO
- Association of Science and technology (ASTC)
- International Council of Museums (ICOM)
- Regional Networks: RedPop – ASPAC – ECSITE – NAMES – SAASTEC

Media Link:

<http://www.scidev.net/global/education/scidev-net-at-large/science-museums-unesco-sdgs.html>

NAMES Members Participation

NAMES network members published their stories illustrating their work and their support to SDGs on the International Science Center and Science Museum Day website, accessed by millions of users worldwide through the following link:

<http://www.icsmd.org/sdgs-in-science-centers/>

1- BA Planetarium Science Center

In partnership with ACCURATE Electrical Contracting Company, Planetarium Science Center conducted a one day field trip to Beni Suef new combined-cycle natural gas power plant. The location is to be the world’s biggest gas-fired combined-cycle power plant complex in 2017. The field trip focuses on infrastructure and its effect on development of neighbor rural villages.

Planetarium Science Center also conducted “Clean Energy at your Foot Step” Project which targeted marginalized houses with no access to clean energy sources, in partnership with Life Makers Foundation.

In public Schools, Planetarium Science Center conducted hands on workshops and presentations on renewable energy resources and energy conservation practices. Bibalex also partnered with Engineering Web who conducted public sessions about their work using clean energy resources.

Planetarium Science Center, in partnership with Don Bosco Technical Institute conducted workshops on clean energy and effective use of energy.

<http://www.icsmd.org/portfolio-item/planetarium-science-center/>



ISCSMD at Planetarium Science Center

2- Children’s Museum – Jordan

The Children’s Museum in Jordan partnered with The Alchemist Lab and the Royal Society for Nature Conservation and conducted a diverse array of activities on the occasion of ISCSMD, including the following:

- a- The Future Energy; which is a science show full of experiments and explosions. Participants were very amused and interacted widely with the activity.
- b- Hands on Science; which included cool science experiments in partnership with the Alchemist Lab.
- c- Cloud Challenge; to take part in the Global Challenge, Children’s Museum Jordan displayed NASA’s film on the cloud challenge and contributions of people from across the world.
- d- Meet and Greet Activity; which hosted a RSCN team and focused on the exploration of Jordan’s biodiversity.

Like all members, The Children’s Museum Jordan promoted its activities on its social media and website to achieve maximum exposure.



Part of Children’s Museum Jordan activities at ISCSMD

3- Al Nayzak for Supportive Education and Scientific Innovation

In celebration of SDG 4,8 and 16, Al Nayzak’s Science and Technology House conducted three-hour long robotics sessions focusing on the relationship between technology and society. The visitors learned how to build and program a robot.

Additionally, the Science and Technology House opened its doors for the public, free of charge for visitors from Palestine to interact with specialized tours around its exhibitions, making science easy and simple to understand.



Students building their Robots at the Science and Technology House

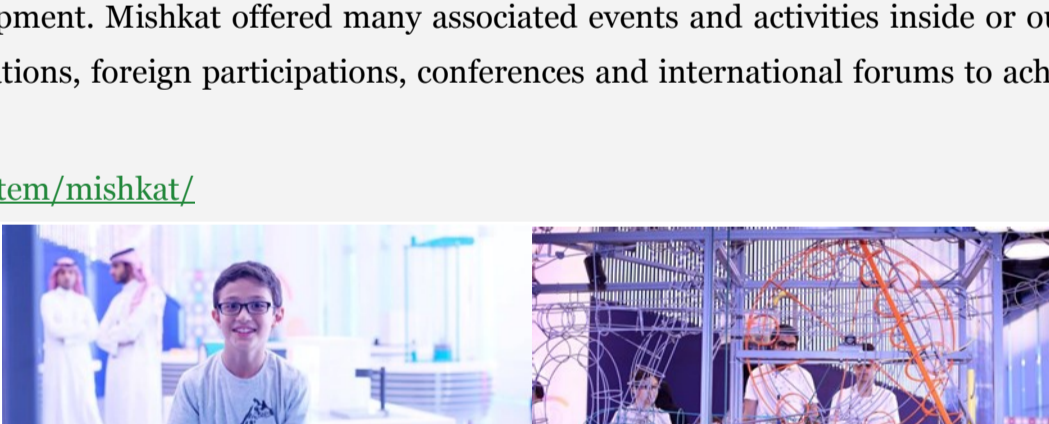
Al Nayzak also opened its innovation lab in Hebron and employed its mobile exhibition “Eye and Sight” that visited Hebron and reached out to communities that had limited access to the Science House. Over 100 participants visited the Eye and Sight Exhibition in Al Nayzak’s innovation lab in Hebron.

<http://www.icsmd.org/portfolio-item/science-and-technology-house/>

4- Mishkat Interactive Center

Mishkat Interactive Center took part in ISCSMD to spread awareness of the culture of modern concepts in sustainable energy usage, transition and its’ presence in our daily life. Mishkat participated with 13 of the main objectives in this project, which included: construct a flexible infrastructure, innovation encouragement, ensure a healthy life and promote well-being for all, enhance learning opportunities, achieve gender equality, ensure access to sustainable energy sources at affordable prices, strengthen the means of implementation and stimulate the global partnership for sustainable development. Mishkat offered many associated events and activities inside or outside the exhibition, such as school visits to provide scientific presentations, foreign participations, conferences and international forums to achieve what the world seeks regarding sustainable development.

<http://www.icsmd.org/portfolio-item/mishkat/>



Part of the activities at Mishkat Interactive Center



Part of the tools employed by Mishkat to promote ISCSMD on social media

5- The Scientific Center of Kuwait

The Scientific Center of Kuwait opened its doors for the general public and conducted a number of activities in support of sustainable development goals on the ISCSMD, these included observatory.



Activities at The Scientific Center of Kuwait

6- Monastir Sciences Palace – Tunisia

The Monastir Sciences Palace in Tunisia promoted the ISCSMD and conducted a series of activities that lasted all day long, and included scientific workshops, scientific films, as well as interactive competitions. The Monastir Sciences Palace also conducted public talks focusing on sustainable development goals, the role of science centers in achieving these goals, renewable energy, as well as the importance of investment in science centers.

<http://www.icsmd.org/portfolio-item/monastir-science-palace/>

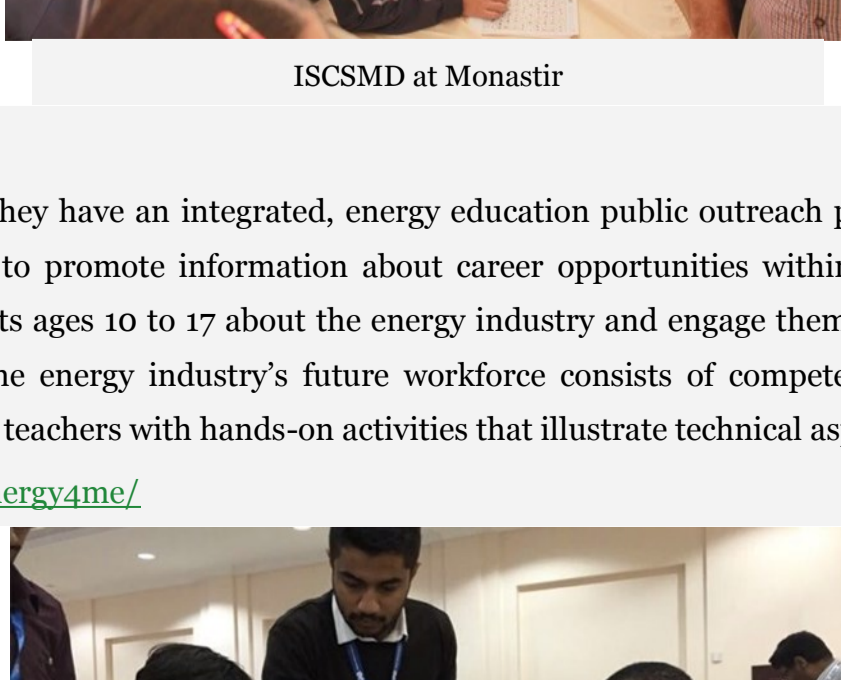


ISCSMD at Monastir

7- Society of Petroleum Engineers

SPE activities are supporting Goal 4, as they have an integrated, energy education public outreach program called Energy4me to highlight how energy works in our everyday lives and to inform about energy career opportunities within the energy industry. The objective of the Energy4me project is to educate students and ages 10 to 17 about the energy industry and engage them to continue the STEM subjects. SPE has a vested interest in ensuring that the energy industry’s future workforce consists of competent and progressive-minded individuals. In addition, Energy4me educates and assists teachers with hands-on activities that illustrate technical aspects of engineering.

<http://www.icsmd.org/portfolio-item/energy4me/>



Energy4me Activities at SPE