A Presentation on MPMF

By

CANEUS INTERNATIONAL

Presenters: **Jagdish Patankar** & **Milind Pimprikar** CANEUS INTERNATIONAL

When we think of our

‘Planet Earth’ and **‘Sustainability’**

What comes to mind first?

Land, Forest, Mountains,
Water, Rivers, Sea,
Wind, Light, Fire, Heat, Cold,
Flora-Fauna & Human Life
from Villages to Big Cities…

Probably the last on the list is…

‘S P A C E’

The Planet Earth exists in Space…
Yet we remember it last!!

Space Technology is making huge impact in achieving Sustainable Development Goals.

Yet very few know about it! And that includes People, Policy Makers, Regulators, Media Et al.

Space Science & Technology is still perceived as
a non-priority which can wait!
…when it comes to prioritization of resources

Thus a Walkthrough Exhibit was
conceived and designed by CANEUS & UNOOSA

The Inaugural Exhibit was showcased at UNHQ during HLPF 2018 between 10th July – 5th September

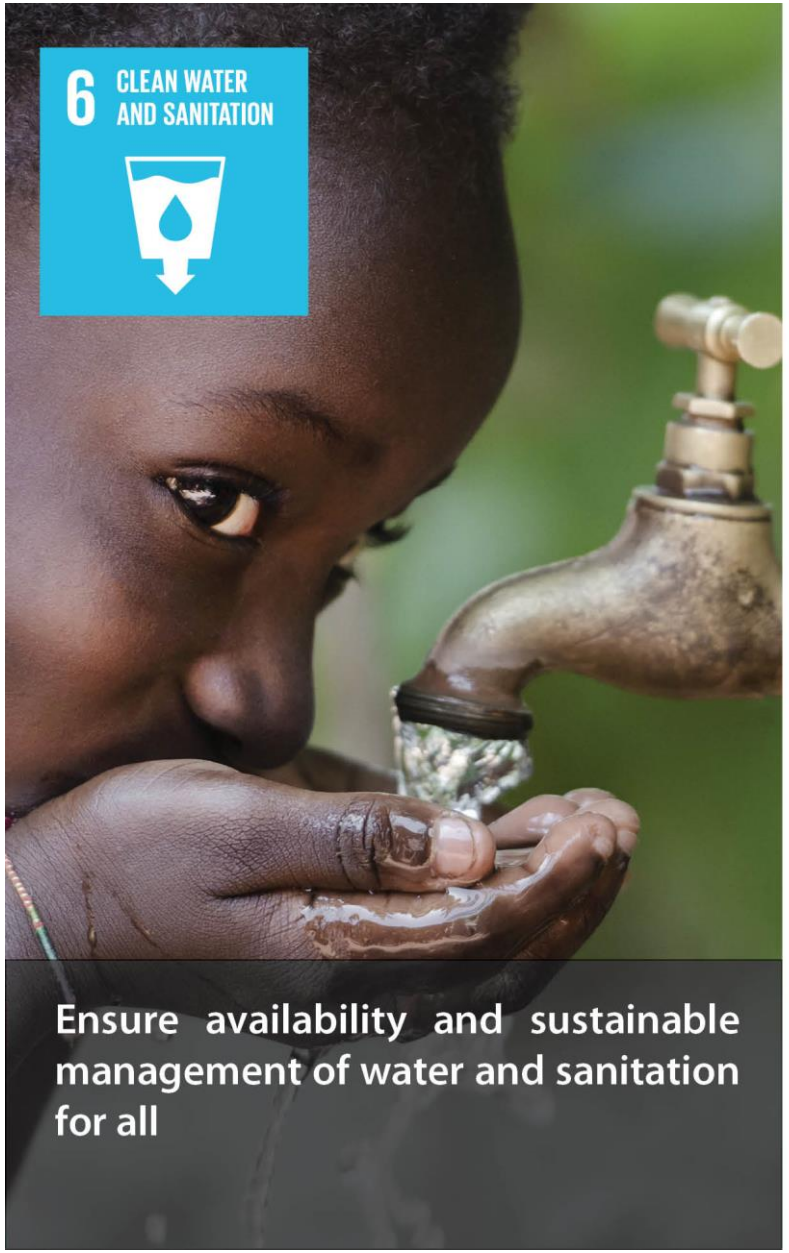
My Planet My Future

Space for the **Sustainable Development Goals**

A mesmerizing showcase of Real Case Studies depicting impact of Space Technology on SDGs.

MPMF was dedicated to the children of this world who would be responsible citizens by the year 2030.


My Planet
My Future
Space for the
Sustainable Development Goals
11 SUSTAINABLE CITIES AND COMMUNITIES
12 RESPONSIBLE CONSUMPTION AND PRODUCTION
15 LIFE ON LAND
17 PARTNERSHIPS FOR THE GOALS
Make cities and human settlements inclusive, safe, resilient and sustainable


6 CLEAN WATER AND SANITATION
Ensure availability and sustainable management of water and sanitation for all


7 AFFORDABLE AND CLEAN ENERGY
Ensure access to affordable, reliable, sustainable and modern energy for all


11 SUSTAINABLE CITIES AND COMMUNITIES
Make cities and human settlements inclusive, safe, resilient and stainable


12 RESPONSIBLE CONSUMPTION AND PRODUCTION
Ensure sustainable consumption and production patterns


15 LIFE ON LAND
Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss

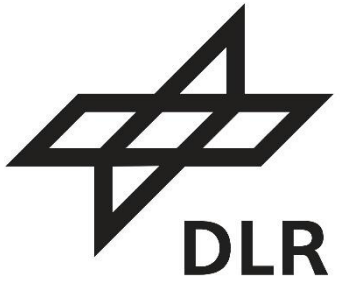

17 PARTNERSHIPS FOR THE GOALS
Strengthen the means of implementation and revitalize the global partnership for sustainable development

My Planet My Future

Space for the Sustainable Development Goals

We are thankful to our esteemed partners for their contribution of case studies and support

European Global Navigation Satellite Systems Agency



United Arab Emirates

وكالة الإمارات للفضاء

My Planet My Future Space for the Sustainable Development Goals

CANEUS MNT

Inaugurated by

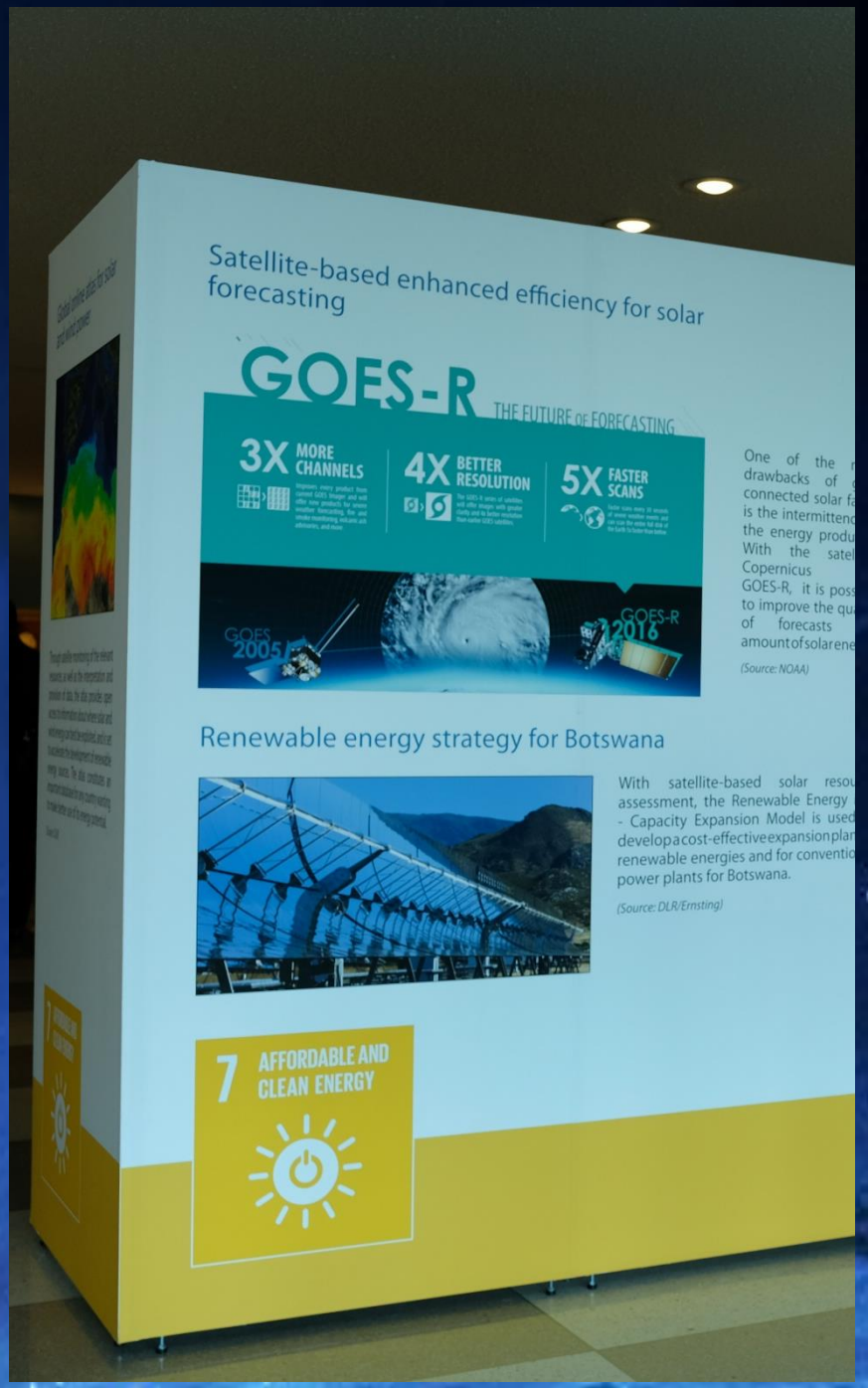
Amina Mohammed

United Nations Deputy Secretary-General

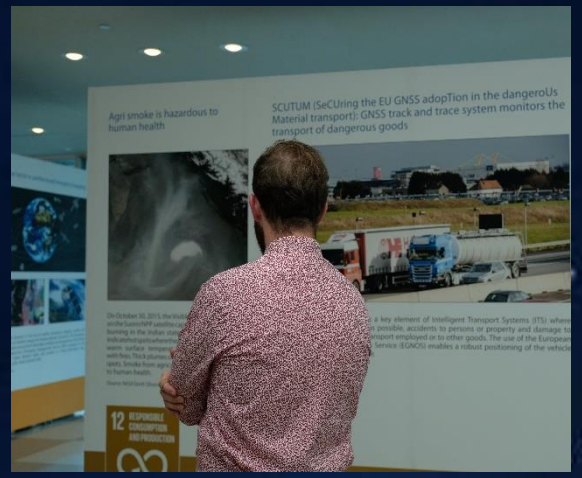

International partnership for sustainable land use planning
Earth observation based analyses of land use change planning takes into account not only biodiversity and carbon content, but also hydrological dynamics and greenhouse gas conservation potentials. It is being developed through intensive cooperation with stakeholders from politics, business, research and civil society.
(Source: DLR)
Agri smoke is hazardous to human health
On October 30, 2015, the Visible Imaging Radiometer on the Suomi NPP satellite captured this image of fires burning in the Indian state of Punjab. Red outlines indicate hotspots where the sensor detected unusually warm surface temperatures generally associated with fires. Thick plumes of smoke drifted from the hot spots. Smoke from agricultural burning is hazardous to human health.
(Source: NASA Earth Observatory)
12 RESPONSIBLE CONSUMPTION AND PRODUCTION


In November 2000, a 1.2 million m³ (42.4
million ft³) landslide slid down from Stože
Mountain in north-west Slovenia. It partly
or totally destroyed 23 buildings and killed
seven people. The I2GPS project developed
a novel, integrated approach for the use
satellite data from Copernicus and GNSS
monitor subsidence, tectonic changes
other environmental hazards, which can
be identified by precision survey techniq


Agri smoke is hazardous to human health
SCUTUM (SeCUring
Material transport)
transport of dange
12 RESPONSIBLE CONSUMPTION AND PRODUCT


Satellite-based enhanced efficiency for solar forecasting
GOES-R THE FUTURE OF FORECASTING
3X MORE CHANNELS
4X BETTER RESOLUTION
5X FASTER SCANS
GOES 2005
GOES-R 2016
One of the
drawbacks of
connected solar
is the intermitten
the energy produ
With the satel
Copernicus
GOES-R, it is poss
to improve the qu
of forecasts
amount of solarene
(Source: NOAA)
Renewable energy strategy for Botswana
With satellite-based solar resou
assessment, the Renewable Energy
- Capacity Expansion Model is used
develop a cost-effective expansion plan
renewable energies and for conventi
power plants for Botswana.
(Source: DLR/Ernsting)
7 AFFORDABLE AND CLEAN ENERGY


6


Agri smoke is hazardous to human health
SCUTUM (SeCUring the EU GNSS adopTion in the dangeroUs Material transport): GNSS track and trace system monitors the transport of dangerous goods
12 RESPONSIBLE CONSUMPTION AND PRODUCTION


G-Motit: An electric scooter sharing service for sustainable urban mobility
Global trends in satellite-based emergency mapping


#space4sdgs
UNITED NATIONS
Office for Outer Space Affairs
"The power of science, the power of technology and the power of innovation are a power for good to make a better world and for the benefit of us all."
United Nations Secretary-General António Guterres
6 November 2017
The United Nations, through its Office for Outer Space Affairs (UNOOSA), promotes international cooperation in the peaceful use and exploration of space, and the utilisation of space science and technology for sustainable economic and social development.
Since United Nations Member States agreed in 2015 on a set of 17 Sustainable Development Goals (SDGs) to end poverty, protect the planet and ensure prosperity for all as part of the 2030 Agenda for Sustainable Development, there has been a focus on technology and innovation for the SDGs.
Space is an invaluable tool for the SDGs. With space science, technology and applications, we can:
• Monitor climate change and pollution
• Manage water resources
• Observe desertification and droughts
• Respond to disasters
• Map diseases and public health emergencies
• Track and protect wildlife
• Survey crops, land cover and soil moisture
• Enable smart cities and transportation
… and much more.
Thanks to space, we better understand our Earth and our activities, and this helps us achieve the Goals. UNOOSA works closely with
ensure that everyone,
Goals. It focuses on the
societies.
My Planet
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17 PARTNERSHIPS FOR THE GOALS

MPMF at UNHQ Gallery has impacted over

200,000+ visitors,

including diplomats and ministers representing 190+ countries, business leaders, NGOs, funding agencies that are part of the Global Compact and space enthusiasts.

My Planet My Future Space for the Sustainable Development Goals

CANEUS MNT

MPMF 2018
AV Presentation

Click

Pleased to Announce

The evolving exhibit which will travel across the globe

mpmf2030

MY PLANET. MY FUTURE

Travelling major destinations in the next 12 years spanning

APAC • AFRICA • MENA • EUROPE • CIS • AMERICAS

UN Centres • Space Centres • Conventions • Forums

mpmf2030
MY PLANET. MY FUTURE

Presenting new case-studies covering disasters to development spanning metros to remote villages, deserts to forests, deep sea to peak of mountains

mpmf2030

MY PLANET. MY FUTURE

Showcasing increasing impact of space technology on 17 Sustainable Development Goals

mpmf2030

MY PLANET. MY FUTURE

The exhibit will capture how space technology is helping humanity and animal & plant kingdom by early warnings on impending storms, hurricanes, tsunamis, landslides, earthquakes

mpmf2030
MY PLANET. MY FUTURE

The exhibit will also highlight increasing role of space technology in improving education, healthcare, communication, food supply, shelter, peace and equality

mpmf2030

MY PLANET. MY FUTURE

mpmf2030 will also evolve into delivering mesmerizing experience through 3D models, interactive kiosks, stunning visuals, moving images and real time dialogue with the subjects.

mpmf2030

MY PLANET. MY FUTURE

mpmf2030 will interact with people through portal of its own sharing information connecting stakeholders 24x7

www.caneus.org

mpmf2030
MY PLANET. MY FUTURE

We invite all the agencies, companies, NGOs, UN Member States to join in this noble endeavor to make mpmf2030 truly global travelling evolving exhibit

mpmf2030
MY PLANET. MY FUTURE

For more details contact **CANEUS International**

Dr. Milind Pimprikar | Mr. Jagdish Patankar

www.caneus.org | www.mpmf2030.org