

UN Environment Assembly 2019: A programme of events



8 - 15 March 2019
Nairobi, Kenya

To access full resources on this programme, please open it on a computer

**THINK
BEYOND**



Dear Friends and Colleagues,

I very much look forward to your participation in the upcoming UN Environment Assembly. As the world's highest-level decision-making body on the environment, this historic Assembly, with its theme on Innovative Solutions to Environmental Challenges and Sustainable Consumption and Production, will give us the framework for shifting our global economic systems towards more sustainable trajectories that tackle our environmental challenges and bring us closer to the 'future we want'.

We are on a journey that we must make together. The findings of the latest global environmental assessments that indicate our Planet is increasingly polluted, rapidly warming and quickly losing its biodiversity, are deeply concerning.

As never before, the time to act is now. We know we can build more sustainable, prosperous and inclusive societies with sustainable consumption and production patterns that address our environmental challenges and leave no one behind. But we will need to create the enabling conditions for this to happen. And we will need to do things differently.

The 2019 Assembly will bring us together to build the policies, partnerships and a culture of innovation that will support the solutions and systemic change needed for sustainability to thrive. We will need to invest in education for the green-collared jobs of the future and we will need to channel sustainable finance towards the green investments that accelerate innovation.

We have three areas of focus: (a) tackling the environmental challenges related to poverty and natural resources management, including sustainable food systems, food security and halting biodiversity loss; (b) introducing life-cycle approaches to resource efficiency, energy, chemicals and waste management; (c) ensuring sustainable business development at a time of rapid technological change.

In the Assembly and the events around it, we are determined to ambitiously scale-up our efforts to tackle common environmental challenges through fostering sustainable and efficient resource management; ensuring the access and use of environmental data; engaging civil society, citizens, private sector and academia. If we achieve our aims, I have no doubt that this Assembly will have a positive impact on society, the global economy and the environment for the months, years and generations to come.

Once again, I look forward to welcoming you to Nairobi!

Siim Kiisler
President of the UN Environment Assembly
Minister of Environment of Estonia

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WITHIN**



Dear Friends,

I am excited to invite you to Nairobi, Kenya, for the fourth UN Environment Assembly in a few short weeks. As the world's highest-level decision-making body on the environment, the Environment Assembly brings together governments, entrepreneurs, activists and others to share ideas and commit to action. The 2019 Assembly will take place from 11 to 15 March 2019.

Global gross domestic product has doubled since 1970, enabling immense progress, and lifting billions of people out of poverty. At the same time, this economic growth has been fueled by a relentless demand for resources. At no point in time nor at any level of income, has our demand for the planet's resources wavered. Our take-make-dispose models of production and consumption have had devastating impacts on our planet.

The 2019 UN Environment Assembly focuses on the role of innovation in changing the choices we make and how we consume and produce. Our aim is to provide global leadership and catalyze intergovernmental action necessary for us to live sustainably.

Across a series of events we will hear from the best – leaders in government, private sector and civil society on the innovations that can help us live and work sustainably, address critical environmental challenges and create shared value in the process.

It is clear that multilateralism has evolved and the Environment Assembly offers us a tremendous opportunity to make a positive impact on people's lives, choices and behaviours.

I hope that you will join us in this vibrant and exciting dialogue to showcase and deliberate on the solutions we need for our planet's health.

I look forward to welcoming you to Nairobi!

Joyce Msuya
Acting Executive Director
UN Environment Programme

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Dear Friends and Colleagues,

It is with great pleasure that I welcome your participation at the Fourth Session of the United Nations Environment Assembly (UNEA-4) from 11th to 15th March 2019. I also warmly welcome you to Nairobi, Kenya, the environment capital of the world and the only United Nations headquarter in the developing world.

At the 2019 Assembly, governments, civil society and indigenous communities among other multi-sectoral stakeholders will jointly review progress made on previous deliberations and resolutions, consider the state of the global environment and chart the way forward.

UNEA-4 takes place not long after Kenya hosted the first ever global Sustainable Blue Economy Conference at which we committed to innovative and transformative means of using and sustaining our oceans, seas, rivers and lakes which are adversely affected by plastic litter.

At the national level, in 2017 Kenya banned the utility, manufacture and importation of single use plastic bags used for commercial and household packaging. Consequently, our towns and waterways are cleaner and industries have provided innovative solutions that have ignited a circular economy. We remain committed to progressive action in the management of other categories of plastic waste. Kenya has also embarked on a massive tree planting campaign with the aim of achieving a 10% forest cover in country by 2022. The impact of such efforts can, however, only be realized if we all act in concert and combat desertification.

The theme for UNEA-4: 'Innovative solutions for environmental challenges and sustainable consumption and production' is outlined in the Executive Director's Report which points to the need for innovative solutions in dealing with the myriad of environmental challenges we are facing. The 6th Global Environment Outlook Report (GEO-6) concisely provides a clear scenario of the state of the global environment which no doubt calls for urgent and strategic interventions if the prevailing state of the environment is to be reversed. In this regard, we must therefore raise the bar and take the opportunity that UNEA-4 provides to constructively engage ourselves in action-oriented discussions, strengthen our collaborative partnerships and commit to translate the conference resolutions into concrete actions, albeit our varied capacities. Business unusual in environmental policy formulation and implementation must be our clarion call lest the resolutions we adopt and the embodiment of our Ministerial Declaration become meaningless.

I once again welcome you to Kenya and look forward to us collectively agreeing that we must "walk the talk!" and take the action that is expected of us !

Karibuni!

Keriako Tobiko, CBS, SC
Cabinet Secretary,
Ministry of Environment and Forestry, Government of Kenya.

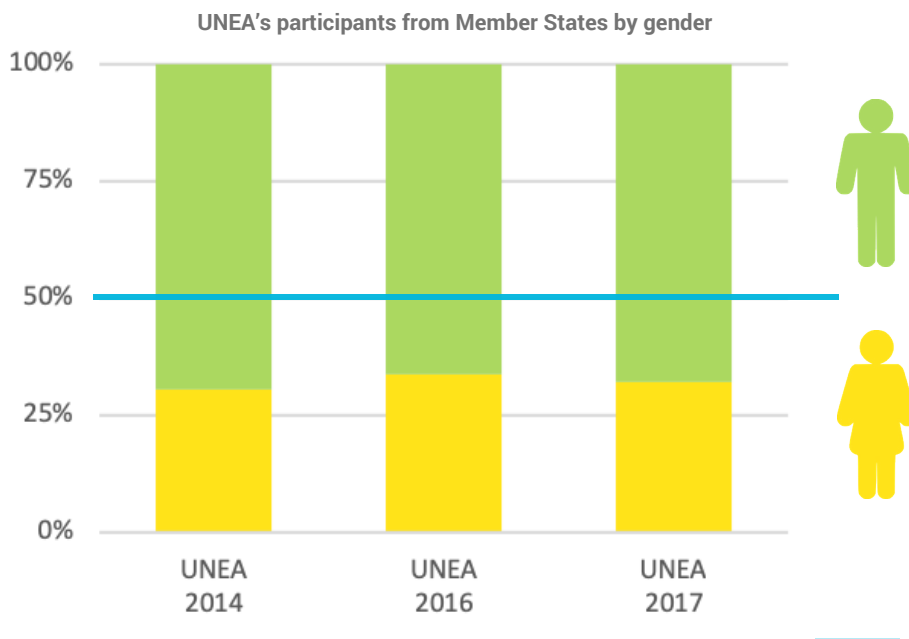
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TOWARDS GENDER PARITY

AT THE 4TH ENVIRONMENT ASSEMBLY

AT THIS RATE, IT WILL TAKE US UNTIL 2037 TO REACH PARITY AT THE ENVIRONMENT ASSEMBLIES*



HOW YOU CAN TAKE ACTION to raise women's voices



CREATE QUOTAS

to make sure that at least 40% of your delegates to the Assembly are women, and gradually increase to 50% over the next years.



EXTEND LEADERSHIP

and put both women and men in leading positions. Seek to have Chairs and Co-Chairs of the opposite gender or allow co-leadership practices of one woman and one man.



RAISE AWARENESS AND TRAIN

both female and male delegates on issues related to gender equality to build greater support for women's participation.

* based on participation rates of past Environment Assemblies (2014-2017)

To find out more: "Shaping the international agenda: Raising women's voices in intergovernmental forums" by UN Women and International Gender Champions, March 2017



The Fourth United Nations
Environment Assembly
of the United Nations
Environment Programme



Innovative solutions for environmental challenges and sustainable consumption and production

The fourth session of the UN Environment Assembly will take place in Nairobi, Kenya from 11 - 15 March 2019.

Important Information



The UN Environment Events app is now available on the [Apple App Store](#) and [Google Play Store](#). Download now and follow the full agenda of events.



Please remember to register for the Assembly [here](#).



Looking for places to stay, how to get to the venue and other useful information for participants? Find it all [here](#).

Sustainable Innovation Expo

The 2019 Expo will focus on bringing technology and innovation from the private sector in a series of exciting and interactive panels, exhibits and roundtables.

This year's Expo will have:



And so much more!

Some of the exhibitors:



Join us at the Expo Hub!

For more information, please click [here](#).



Global Partnership on Marine Litter/ Clean Seas Tent

This matters because:

Marine litter and microplastics are found in all the world's oceans and seas, even in remote areas far from human contact and obvious sources of the problem.

An average of **8 million** tonnes of plastic waste end up in the world's oceans every year

Nearly **80%** of the world's wastewater is discharged without treatment

Marine litter and microplastics harm coastal biodiversity, including many **endangered species**

Plastic pollution threatens fish stocks and coastal ecosystems that **millions of people** rely on for their food and livelihoods



The Global Partnership on Marine Litter gathers international agencies, Governments, NGOs, academia, private sector, civil society and individuals to find solutions to the growing problem of marine litter and microplastics in the world's oceans. Organizations can contribute in the form of financial support, in-kind contributions and/or technical expertise, and any organization can apply to join the Partnership [here](#). Meanwhile the **Clean Seas Campaign** catalyzes action to reduce and eliminate the use of single-use plastics.

Take part in the discussions in the Global Partnership on Marine Litter / Clean Seas tent and learn more about how to create a plastic-free marine environment! A full schedule of sessions, from technical consultations to panel discussions, social events and much more, can be found on the **UN Environment Events App**.

SDG
INNOVATION
TALKS



UN
environment
assembly

#SolveDifferent

From reducing poverty to halting biodiversity loss, promoting sustainable energy to responsible consumption behaviors, combating climate change to advancing gender equality, the 17 Sustainable Development Goals (SDGs) set out a common agenda for people and the planet. No one can do it alone, and nobody should be left behind.

Join our energetic and dynamic speakers on a variety of topics as they tell stories and present innovative solutions in 15 minutes talks!

See full schedule [here](#).

Participating Organizations:

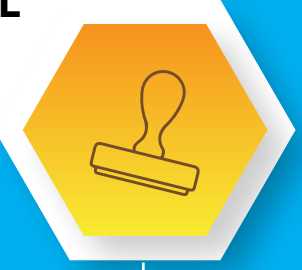


FUTERRA

FAITH FOR EARTH INITIATIVE



ONE EARTH
MANY RELIGIONS
ONE GOAL



54
SPEAKERS

100+
REGISTERED
FAITH
LEADERS

46
FAITH-BASED
ORGANIZATIONS

35+
ACCREDITED
FAITH-BASED
ORGANIZATIONS

Protecting the Environment



Mobilizing faith community action and leadership



Networking and knowledge sharing



Promoting sustainable living in partnership with companies and Faith Based Organizations



Greening Faith-based assets and investments

For more information, please click [here](#).

To #SolveDifferent, we need to think youth first, not last.



The habits they make, the choices they take and the jobs they pursue will shape the future. To nudge it in the right direction, UN Environment will be hosting a range of events at UN Environment Assembly to listen, support and be inspired by the youth.

	
<p>From green jobs, nudges to gaming, we are working with universities and partners to create the next generation of young leaders.</p>	<p>A new ground-breaking scientific report written by young people, for young people.</p>

“All of our hopes for a better world rest on young people.”
António Guterres
(Secretary-General of the United Nations)

	 <p>The Young Leaders Plastic Challenge</p>
<p>A forward looking prize to support the ambitions of brilliant young environmentalists.</p>	<p>Inspiring Scouts, Guides and Students to cut plastic pollution in their lives, communities and countries.</p>



Come and join in, we'd love to hear your ideas!



The Future Vessel under the Mother Tree on the UN compound

To celebrate 50 years of UN Environment, join us at the **The Future Vessel - a creative project**

Take part at the Children's Meeting Place under the **Mother Tree*** 10am to 4pm

Embodies the ideas and wishes of the next generation's leaders for the future of our planet

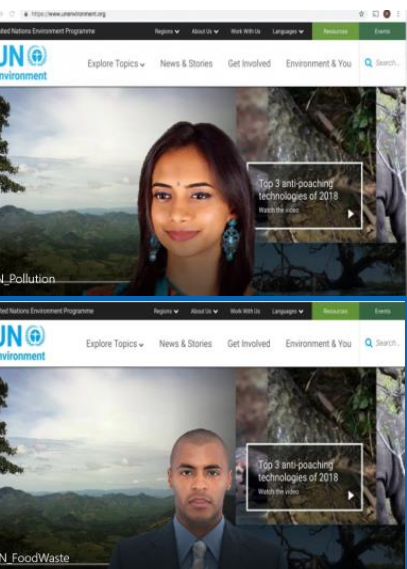
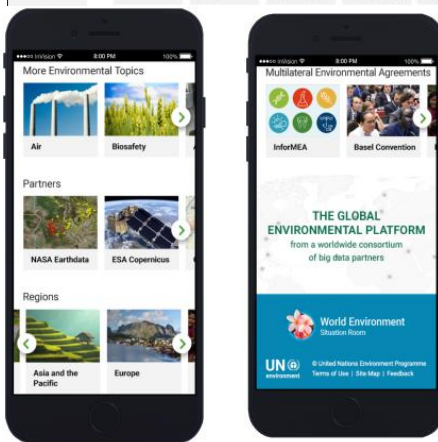
YOUR CONTRIBUTION: We encourage you to add your commitment to the living Vessel by **bringing a small stone from your country**, which will lay the groundwork for the Vessel's vision and foundation on the way to 2022.



*The Mother Tree, a big beautiful acacia tree has been established by Globetree in 2001 as the Children's Meeting place where children and decision makers of the world meet and dialogue.

UN Environment Assembly 2019

A programme of Big Data on the Environment Events



Second UN Science-Policy-Business - Sat-09-Mar-2019

- Where We are and Where We Want to Be – Introduction [09:30]
- UN Environment Situation Room: Where it all started
- Earth Observations: The Potential to Better Understand Earth and its Environment
- The Space Climate Observatory (SCO) : Observing Climate Change and its Impacts – Creating the Model Project
- China's New Technological Frontiers in Planetary Data Management [16:15]
- Earth Observations and the SDGs – Horizon 2020
- Transforming Development with Planetary Data and Artificial Intelligence
- Earth Observations: The Role of Citizen Science
- Diversified Finance for Development - What's for Free and What is Not

Second UN Science-Policy-Business - Sun-10-Mar-2019

- Foresight, Early Warning for Decision-making [09:00]
- Innovative Technologies and Approaches in Monitoring the SDGs
- Measuring Progress towards Achieving the SDGs
- Monitoring Ambient Water and Air Quality : Launch of GEMStat Data Interface
- Conclusions and final Remarks : Big Data on the Environment

2019 Sustainable Innovation Expo - Mon-11-Mar-2019 at 11:30 to 13:00

- Harnessing Big Data on the Environment for Sustainable Development.

2019 Partnership meeting of the GRIDS - Tue-12-Mar-2019

- Meetings of the Global Resource Information Database Network Centres and the Governing body for the Foresight Briefs.

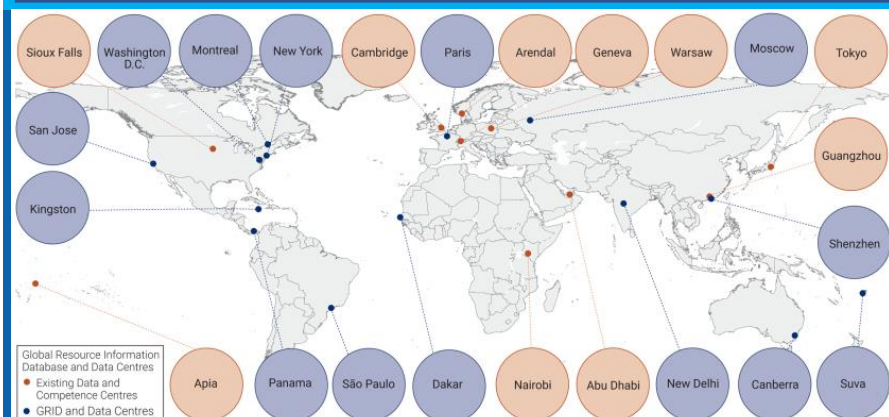
World Environment Situation Room – Morning [11:00] Pop-up Chats Mon – Fri

- Mon-11: SDG Ontology
- Tue-12: Global Environment Monitoring System for Water (GEMS/Water) and GEMStat database
- Wed-13: Using freely available satellite data to estimate daily pollution levels and trends in cities
- Thu-14: Indicator based reporting - Global, Regional, National, Sub-national, and Thematic
- Fri-15: Environment and Security



World Environment Situation Room – Afternoon [15:30] Pop-up Chats Mon – Fri

- Mon-11: Water bodies of concern: map-based platform and analysis tool
- Tue-12: UN Environment-Google-EU JRC Partnership: Measuring global water bodies, SDG 6.6.1 and how this can be applied to other environmental indicators
- Wed-13: Cost effective options for countries to monitor and analyse air pollution
- Thu-14: Environment Live Global Database and SDMX
- Fri-15: Partnerships [Global Resource Information Database (GRIDs)]



President of the UN Environment Assembly
Mr Siim Kiisler invites you to

WORLD DISCO

Saturday 9 March | 8 PM
UN Recreation Center

Welcome drinks and refreshments provided

More information:
krista.tonisson@envir.ee

MARCH 12, 2019
2:30-4:00PM
UNEP HEADQUARTERS
Press Briefing Room
NAIROBI

MOUNT KENYA EXPEDITION

A journey through the impacts of a
changing climate and opportunities
for climate action

Join us for a discussion on the implications of a
changing climate in Africa, using the last remaining
glacier of Mount Kenya as an iconic symbol. Hear from
experts, government officials, and participants of a
Mount Kenya expedition about how communities are
adapting and driving opportunities for climate action.

Inger Andersen, Director General, IUCN

Keriako Tobiko, Cabinet Secretary, Ministry of
Environment and Forestry, Government of Kenya (TBC)

Brune Poirson, Secretary of State to the Minister for the
Ecological and Inclusive Transition, France (TBC)

John Roome, Senior Director, Climate Change, World Bank

Tim Jarvis, Expedition Team Representative, Adventurer,
Environmental Scientist, Writer

Liatile Putsoa, Social Media Influencer, C4C,
Communication Officer at South Sudan NGO Forum

Moderator: **Musonda Mumba**, Chief, Terrestrial
Ecosystems Unit, Ecosystems Division, UNEP



WORLD BANK GROUP





Republic of Serbia
MINISTRY OF
ENVIRONMENTAL
PROTECTION



**INNOVATIVE
SOLUTIONS
TO POLLUTION
IN SOUTH EAST
& SOUTHERN
EUROPE**

With the support from



MINISTERO DELL'AMBIENTE
E DELLA TUTELA DEL TERRITORIO E DEL MARE

SAVE THE DATE | 12
03
'19

UNEA 4 SIDE EVENT

18:00 pm
Conference room 1
Nairobi, Kenya

#SolveDifferent

Addressing Pollution
in South East and
Southern Europe
Outcome of the
Ministerial Conference
“Innovative Solutions to
Pollution in South East
and Southern Europe”



Nexus Dialogue on Sustainable Food Systems - ensuring food security for future generations

March 12, 15.00 – 18.00, Conference Room 13

This Nexus Dialogue will explore how Sustainable food systems can facilitate the achievement of many of the Global Goals worldwide by addressing current and urgent challenges in the food and agriculture sector, by bringing together a diverse group of stakeholders to discuss innovative solutions to food systems and food security.



UNITED NATIONS

ENVIRONMENT MANAGEMENT GROUP

EMG

www.unemg.org

High-level Dialogue on Elevating electrics and electronics to the forefront of circular economy - an integral and multi-disciplinary approach

March 13, 16.30-17.30, Conference Room 13

This high-level dialogue will focus on the need for a new vision for the electrics and electronics industry, according to the principles of circular economy. It will refer to the multitude of actors across the life-cycle of equipment, and the mountain of e-waste generated from our throw-away society.



Fourth United Nations Environment Assembly Cities Summit

Innovation for Livable and Sustainable Cities: Multi-Level and Integrated Urban Systems



13 March 2019
9am to 6pm

ICRAF Auditorium

OBJECTIVES

- High level dialogue between mayors, ministers, private sector leaders and civil society representatives on integrated, innovative solutions;
- Kick-start partnerships on Integrated Urban Systems to be launched and promoted at key events, including International Conference on Climate Action, UN Secretary General's Climate Summit, COP25, WUF10;
- Establish the Cities Summit as part of future UN Environment Assemblies to highlight the importance of localizing the SDGs and allow for engagement with sub-national leaders.

BACKGROUND

The global economy and population is growing, but the planet is not. We have to be smarter and more circular in the way we grow our cities where we expect an additional 2.5 billion people by 2050. Already sixty percent of our waste and three quarters of resource use and GHG emissions come from cities making them the best place to promote sustainable consumption and production. Taking a dual lens of SDGs 11 – Sustainable Cities, and 12 – Sustainable Consumption and Production allows us to implement solutions at city level to contribute to most if not all other SDGs.

Taking an integrated approach to urban infrastructure will be key to accelerate the transitions to circular and low-carbon economies. According to the "Weight of Cities" by the International Resource Panel, cities can achieve some 30-55% reduction of GHG emissions, water and metal consumption and land-use compared to baseline projections by leveraging connections and resource sharing across urban systems such as green buildings, district energy systems, bus rapid transport, the transition to renewables combined with strategic densification.

Within cities, integrated urban projects are piloted where cost-effective, but often without being linked to a broader policy and planning approach at the local and national levels. This results in missed opportunities and isolated demonstrations that are not replicated, scaled up, or considered in the context of sustainable development and climate strategies.

**For more information,
please contact:**

Martina Otto, martina.otto@un.org

Lily Riahi, lily.riahi@un.org



AFRICA PLEDGE L'ENGAGEMENT DE L'AFRIQUE

NAIROBI, KENYA
14TH MARCH 2019

AFRICA PLEDGE

the first regional edition of the One Planet Summit

March 14 | Nairobi United Nations Compound

Africa is a vibrant place for climate innovation, green investment and new business models—all paving the way for low-carbon and sustainable development.

As conveyed during the United Nations Environment Assembly (UNEA) by **President Kenyatta of Kenya, President Macron of France, UN Secretary-General Guterres and Interim President Georgieva of the World Bank Group**, the One Planet Coalitions will meet in Nairobi, Kenya on March 14th, 2019.

The first regional edition of the One Planet Summit will highlight initiatives and accelerate solutions for **renewable energy, biodiversity, ecosystem conservation** and **adaptation** to climate change in Africa.

BY INVITATION ONLY

Oneplanetsummit.fr



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Executive Producer



RICHARD ATTIAS & ASSOCIATES



Speaking Youth to Power Townhall & Cocktail Evening

14 March 2019 | One Planet Summit Venue

Cocktail Reception 5:45–7:00pm, Town Hall Discussion 7:00–8:30pm

A UN Young Champions of the Earth dialogue with decision makers and global leaders on how to #SolveDifferent

Join UN Environment's Young Champions of the Earth and other inspiring youth for an evening of discussion, new ideas, hard questions, big solutions and innovative thinking - led by those of us under 30.



United Nations
Environment Programme



YOUNG
CHAMPIONS
OF THE EARTH

Business or National Attire
Seating on a first-come-first-serve basis
with reserved seating for VIPs on request.
For further information please contact:
georgina.avlonitis@un.org

Powered by:





The UN Alliance for Sustainable Fashion



Coordinating
Across the UN
System to Bring
One UN Voice to
Fashion



THE FASHION INDUSTRY TODAY

Contributes **\$2.4 trillion** to global manufacturing

Employs approximately **60 million people** worldwide (most of them women)

The fashion industry is the **second-biggest consumer of water**, producing 20 percent of wastewater, and is responsible for **8-10% of global greenhouse gas emissions**

More than **US\$ 500 billion of value is lost every year** due to clothing underutilisation and the lack of recycling

The effects of **climate change** pose an increasing threat to the **safety and health of workers in the sector**, particularly in the least developed countries

The **undermining of workers' rights**, poor wages, working conditions, and health and safety practices diminishes the fashion industry's contribution to real growth and development.

www.unfashionalliance.org



Through the Alliance, the UN commits to **changing the path of fashion**, reducing its negative environmental and social impacts; and turning fashion into a driver of the implementation of the





THE NEXTWAVE OF INNOVATION: A P4G STATE OF THE ART PARTNERSHIP AT UNEA-4

YOU ARE INVITED TO JOIN US

March 14, 2019 | 14:15 - 15:45 | Expo Hub

Please join NextWave Plastics, P4G, the Embassy of Denmark in Kenya, and UN Environment North America for an interactive discussion on the importance of transparent, cross-industry collaborations that reduce marine plastic pollution today, and the role of public-private partnerships in making these efforts a reality.

This official UNEA-4 side event will feature case study presentations from NextWave Member Companies engaged in supply chain development to integrate ocean-bound plastics into their products - keeping plastics in the economy and out of the ocean. The case studies will be followed by a discussion of the benefits to the circular economy that can result from cooperation between government and the private sector.

Please RSVP to hello@nextwaveplastics.org

NextWave Plastics is a collaborative and open-source initiative convening leading technology and consumer product companies to develop the first global network of ocean-bound plastics suppliers. Member companies are currently integrating ocean-bound plastics from countries such as Indonesia, Haiti, Philippines and Denmark into their products. They have committed to intercepting 25,000 tonnes of ocean-bound plastic by 2025. Learn more at www.nextwaveplastics.org

NextWave Plastics is led by Lonely Whale, an award-winning NGO and incubator for courageous ideas that drive impactful change on behalf of our ocean.

PRESENTED BY



LONELY WHALE



Sustainable Finance for Climate Impact

High Level Segment on Sustainable Finance

Time: Friday, 15 March, 9:00 – 11:00 a.m.

Room: Conference Room 13

The Fourth United Nations
Environment Assembly
of the United Nations
Environment Programme

Innovative Solutions for
Environmental Challenges
and Sustainable Consumption
and Production

The high-level event, jointly organized by UN Environment and the Green Climate Fund, will bring together donor countries, beneficiary countries, and financial institutions to identify key achievements towards low emission and resilient development, challenges, gaps, and needs for sustainable climate finance.

Organizers and partners: UN Environment and Green Climate Fund.

For more information, please visit:

<http://web.unep.org/environmentassembly/agenda-and-logistics>

or contact: hemini.vrontamitis@un.org or unenvironment-gcf@un.org





Shady Rabab
*Musician and Young Champion
of the Earth 2018*



**Wanjiru Waweru
Waithaka**
*Serial Creative Entrepreneur &
CEO of Funkidz*



Joyeeta Gupta
*Global Environmental Outlook 6
Co-chair*



Solitaire Townsend
*Climate Optimism Advocate &
Co-Founder of Futerra*



**Moderated by:
Dr. Musonda Mumba**
*Head, Terrestrial Ecosystems Unit,
UN Environment*

WRAP-UP SESSION

Special Messages and Inspiring Stories

Friday 15th March 2019

From 3pm

Conference Room 2

Programme of Events

WEDNESDAY, 6 MARCH 2019

Wednesday, 6 March:
 13.00 - 15.00:
**Learning to govern
 geoengineering: insights
 from different experiences
 on environmental
 governance
 (VIP Delegates Lounge)**

In this lunchtime event, C2G2 and its partners will explore successful ways in which global environmental governance challenges have been addressed and how they might inform any future governance of geoengineering. The discussion will provide a unique opportunity for knowledge sharing and learning from experiences across disciplines, organisations and geographies. Lunch will be provided.

Organizers and partners: The Carnegie Climate Geoengineering Governance Initiative (C2G2)

For more information, please contact: nrubiano@c2g2.net

MONDAY - FRIDAY, 4-8 MARCH 2019

Monday-Friday, 4-8
 March: **Opened-ended
 Committee of Permanent
 Representatives**

The 4th Open-Ended Meeting of the Committee of Permanent Representatives is the main intergovernmental preparatory meeting for the fourth session of the Environment Assembly. Its work will consist primarily in the finalization of resolutions and decisions that will be adopted by delegates during the UN Environment Assembly. The Committee of Permanent Representatives is composed of all accredited Permanent Representatives to the UN Environment Programme. Participation is open to registered delegates and representatives from United Nations agencies, intergovernmental organizations and accredited non-governmental organizations.

For more information, please visit: <http://www.unenvironment.org/cpr>

THURSDAY - FRIDAY, 7-8 MARCH 2019

Thursday-Friday, 7-8
 March: **Global Major
 Groups and Stakeholders
 Forum
 (Conference Room 1)**

The Global Major Groups and Stakeholders Forum is a unique opportunity for civil society organizations to engage on the agenda of the 2019 UN Environment Assembly. Members of non-governmental not-for-profit organisations (with or without accreditation to the UN Environment Programme) are invited to participate in the Forum. The Forum will focus on: *Innovative Solutions for Environmental Challenges and Sustainable Production and Consumption*. The Forum will prepare participants for the Assembly and associated meetings, identify important themes and decisions under consideration by the Assembly, and will provide a platform for an exchange of views and expertise on these themes. Traditionally, the Forum will also feature an open dialogue between UN Environment Programme's Senior Management and Major Groups and Stakeholders ahead of the Assembly.

For more information, please visit: <https://www.unenvironment.org/events/global-major-groups-stakeholders-forum-gmgfsf/18th-global-major-groups-and-stakeholder-forum> or contact: Alexander.Juras@un.org

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FRIDAY, 8 MARCH 2019

Friday, 8 March: **Launch of the Network of African Women Environmentalist**

NAWE is the FIRST ever African women's environmental network and a platform aiming to ensure that African women play a significant and pivotal role in providing solutions towards environmental problems, through ground action, innovations and sharing of experiences and stories and inspiring future generations, in a coordinated manner.

NAWE is the first ever Environmental Africa-wide network championed by UN Environment together with collaborating partners – for women, by women and with women. Therefore, NAWA will be based on mutual support, openness, self-critique, honesty, trust and a sense of community towards a common goal.

For more information, please visit: <http://web.unep.org/environmentassembly/programme> or contact: musonda.mumba@un.org

FRIDAY - SUNDAY, 8-10 MARCH 2019

Friday 8 March: 17:00 - 19:00: **Launch of Science-Policy-Business Forum (Conference Room 1)**

Sessions: Saturday 9 - Sunday 10 March

The UN Science-Policy-Business Forum on the Environment will hold its second global session in Nairobi from 8 to 10 March 2019. The Forum's work is aligned with the theme of the Assembly: *Innovative solutions for environmental challenges and sustainable consumption and production.*

Launched in December 2017, the UN Science-Policy-Business Forum on the Environment is a framework designed to catalyze a more dynamic interface between science, policy, business and society by building consensus around key issues and by tearing down traditional barriers between these sectors.

The Forum promotes initiatives to grow green technology markets that are driven by advances in science and technology, empowering policies and innovative financing. With a platform of over 2000 member institutions – representing the worlds of business, science and policy – the Forum provides a unique platform for multi-stakeholders to work together to shape the future, with the private sector given a unique place at the table as a key partner and driver of sustainable development.

With its pioneering work with the green technology sector and citizen science, the Forum is evolving into an incubator for innovation and new joint initiatives for the environment that will support and accelerate the delivery of UN Environment's Programme of Work. Working with partners, the Forum will cover the following key streams:

1. Science for Decision-Making: Shaping Policies and Market Responses

A review of the latest recommendations from flagship environmental assessments released at the UN Environment Assembly, and discussions around the required policy responses and actions by the private sector and key stakeholders. These include the Global Environment Outlook 6, the Global Chemicals Outlook, the Frontiers report and the Global Resources Outlook.

2. Laying the Foundations for a Global Platform for Big Data on the Environment using Frontier Technologies

This stream builds on the Forum's Extraordinary session hosted by the French National Centre for Space Studies (CNES) in Paris on 18-19 October 2018 and organized in cooperation with the French National Research Institute for Sustainable Development (IRD), the French Alliance for Environmental Research (AllEnvi) and the Group on Earth Observations. Sessions will cover the following key tracks: Opportunities offered by Artificial Intelligence and Machine Learning; Big Data, Earth observations and remote sensing, Governance, Equity and Ethics; Financing.

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3. Redesigning Metropolis: Smarter, Greener Solutions for Cities

By 2050, 70% of the human population will live in cities. Innovative technologies – from E-mobility to green buildings – need to be leveraged to maximize the efficient use of natural resources and encourage environmentally-sound choices by all players across all sectors. We need to alter not only the physical design and infrastructure, but also to encourage positive resourcing decisions, behavioral change and policy action.

4. Green Technology Startup Hub

Startups are not only transforming markets and economic growth; some are helping save the planet. Venture capital investment in startups has surged to its highest level ever – \$148 billion last year alone. More than 40 Venture Capital-backed companies achieved billion-dollar valuations and joined the unicorn club. The Green Technology Startup Hub will showcase some ground-breaking innovations for the planet presented by Startups from around the world with in-depth sessions focusing on specific projects, financing and the policy support required to mainstream solutions and to bridge the technology divide.

5. The Climate Challenge and Non-State Actors: From Transparency to Leadership

National pledges under the Paris Agreement will only bring a third of the reduction in emissions required by 2030 to meet climate targets, with private sector and sub-national action not increasing at a rate that would help close this worrying gap. This session, organized in cooperation with Reuters Sustainability, examines means to empower and support private sector transparency and leadership to tackle climate change.

6. Smart Food for a Sustainable Planet

We are producing and consuming more food than ever before, with detrimental impacts on the planet's natural systems. Sessions will examine: i) Agricultural transformation – sustainable and climate-smart agricultural models minimizing impacts on pollution - examples from rice sector and others including livestock sector; ii) Nutrition and healthy diets - embracing difficult questions and debates about meat versus vegetarian diets, also considering bio-fortification, plant health, which benefits in turn human health and iii) Food waste – measuring and achieving food waste reduction at a global level.

For more information, please visit: <https://www.unenvironment.org/events/un-environment-event/science-policy-business-forum> or contact: Shereen.Zorba@un.org

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MONDAY, 11 MARCH 2019

<p>Monday, 11 March 09.00 - 10.00: Official opening of the 2019 Sustainable Innovation Expo and Exhibitions (Expo Hub)</p> <p>Sessions: Monday 11- Friday 15 March</p>	<p>The 2019 Expo will support the theme of the Assembly by focusing on <i>Eco-innovation and Sustainable Financing</i> to tackle some of our planet's greatest challenges. Championed by UN Environment Programme, <i>Eco-innovation</i> is a new business approaches which promotes sustainability throughout the entire life cycle of a product, while also boosting a company's performance and competitiveness. The <i>Expo</i> will comprise:</p> <ul style="list-style-type: none"> • Exhibition space for showcasing the latest cutting-edge industry and innovative solutions to our environmental challenges. Interested exhibitors can apply for a booth through the 2019 UN Environment Assembly website and will be selected based on the following criteria: <ul style="list-style-type: none"> • The proposed solution must be innovative and address one of the themes and incorporate life-cycle thinking; • Adequate regional and gender representation. • Panel Discussions participants to the Assembly and Expo will share experiences and challenges on solutions to life-cycle challenges. The Life Cycle sub-themes to be addressed are: resources, energy, chemicals and waste management. • Pop-up Chats that participants can organize on relevant issues. • Networking Space for partnership creation. <p>For more information, please visit: http://web.unep.org/environmentassembly/sustainable-innovation-expo or contact: Mia.Turner@un.org and Kamar.Yousuf@un.org</p>
<p>Monday 11 March 9:00 - 10:00: Launch of Green Tent (Green Tent)</p> <p>Sessions: Monday 11 - Friday 15 March</p>	<p>The Green Tent is a space self-organised by Major Groups and Stakeholders that will feature throughout the UNEA week various types of events (coordination meetings, training sessions, presentation of NGO initiatives, panel discussions etc.) that relate to the theme of the Assembly. Most of the events are organized by civil society organisations and many present alternative and innovative perspectives on how to address environment challenges and to achieve more sustainable consumption and production.</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/programme or contact: mhdraouf@gmail.com</p>
<p>Monday 11 March 9:00 - 11:30: Opening of Global Partnership on Marine Litter/ Clean Seas Tent (Global Partnership on Marine Litter/ Clean Seas Tent)</p> <p>Sessions: Monday 11 - Friday 15 March</p>	<p>Located on the lawn below the Delegates Lounge, the Global Partnership on Marine Litter / Clean Seas Tent will be the hub for everything related to marine litter and microplastics at the fourth session of the UN Environment Assembly. The tent will host a number of information sessions, technical consultations, and panel discussions on a diverse portfolio of subjects, such as legislation, environmental justice, monitoring and modeling, communications and awareness, waste management, financing methods, and much more.</p> <p>Organizers and Partners: UN Environment and Global Partnership on Marine Litter</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/global-partnership-marine-litterclean-seas-tent or contact: Heidi.Savelli@un.org and David.Marquis@un.org</p>

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<p>Monday 11 March 10:00 - 13:00: Opening Plenary of the UN Environment Assembly (Conference Room 2)</p>	<p>H.E. Mr. Siim V. Kiisler, Minister of Environment of Estonia and President of the UN Environment Assembly, will open the fourth session of the UN Environment Assembly. The Assembly will address the theme, <i>"Innovative Solutions for environmental challenges and sustainable consumption & production"</i>. The duration of the session will be five days. The proceedings of the plenary meetings of the fourth session of the UN Environment Assembly, including the high-level segment, will be webcasted to the public. Detailed information on the fourth session, including the documents and calendar of meetings and scenario note of the session is available at the official UN Environment Assembly website: http://web.unep.org/environmentassembly/fourth-session-un-environment-assembly</p>
<p>Monday, 11 March 10.30: Launch of the Tiny House: an Ecological Living Module (UN Roundabout area)</p>	<p>Under the theme sustainable living starts at home, UN Environment Programme and UN-Habitat have partnered with Yale Center for Ecosystems in Architecture to develop an eco-housing module. The Module is sparking public discussion on how sustainable design can provide decent, affordable housing while limiting the overuse of natural resources and impacting climate change. For more information, please visit: http://web.unep.org/environmentassembly/programme or contact: Catherine.Beltrandi@un.org</p>
<p>Monday, 11 March 11.30 - 13.00: SIE Panel Session I: Harnessing Big Data on the Environment for Sustainable Development (Expo Hub)</p>	<p>The panel will engage formidable corporate and technological players, including start-ups in the information, telecommunications, and digital technology space to identify avenues for using big data and artificial intelligence to drive eco-innovative changes in various local and global supply chains. For more information, please visit: http://web.unep.org/environmentassembly/sustainable-innovation-expo/panel-discussions or contact: Alexander.Caldas@un.org</p>
<p>Monday, 11 March 11.30 - 13.00: Addressing single-use plastics: Status, Steps and Solutions (Global Partnership on Marine Litter/ Clean Seas Tent)</p>	<p>Political leaders are increasingly taking notice of the marine plastic litter and microplastics problem. The objective of the event is to provide a more thorough understanding of the scope and types of regulatory approaches policymakers are employing to prevent marine litter and microplastics. In particular, discussions will be based on the findings of a recent UN Environment report which provides a global overview of national regulatory frameworks adopted by countries to control plastic bags, single-use plastics and microplastics pollution through national laws. For more information, please visit: http://web.unep.org/environmentassembly/global-partnership-marine-litterclean-seas-tent or contact: Heidi.Savelli@un.org and David.Marquis@un.org</p>
<p>Monday, 11 March - Friday 15 March, 13:00 - 15:00: SDG Innovation Talks: (Faith for Earth Tent)</p>	<p>From reducing poverty to halting biodiversity loss, from promoting sustainable energy to responsible consumption behaviors, from combating climate change to advancing gender equality, the 17 Sustainable Development Goals (SDGs) set out a common agenda for people and the planet. No one can do it alone, and nobody should be left behind. The SDG Talks will feature high-energy and dynamic speakers, ranging from celebrity ice-hockey players, CEOs to religious leaders. They will speak on a variety of topics related to the theme of the Assembly and the 17 Sustainable Development Goals. Speakers will tell compelling stories and present data on innovative solutions, and they will ensure that their talks are fun and engaging. The talks will take place at the Faith & SDGs Tent (near the UN's main entrance) during in all afternoons during the UNEA week. Organizers and Partners: UN Environment For more information, please visit: http://web.unep.org/environmentassembly/sdg-innovation-talks or contact: victor.tsang@un.org</p>

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<p>Monday, 11 March, 13:15 - 14:45: Innovative and Locally-appropriate Waste Management Solutions for a Pollution-free Planet (Side Event) (Expo Hub)</p>	<p>This side event will focus on the importance of financing and developing locally appropriate, safe and sustainable waste management solutions for low income and lower-middle income economies. Furthermore, emphasis will be given to better communications and awareness-raising in order to tackle the problem at source by influencing consumption and production habits.</p> <p>Organizers and Partners: Climate and Clean Air Coalition in partnership with the International Solid Waste Association</p> <p>For more information please visit: http://web.unep.org/environmentassembly/innovative-and-locally-appropriate-waste-management-solutions-pollution-free-planet or contact: tiy.chung@un.org or helena.molINVALDES@un.org</p>
<p>Monday, 11 March, 13:15 - 14:45: Strengthening the Global Momentum to Tackle Plastic Pollution (Side Event) (Conference Room 1)</p>	<p>There is unprecedented momentum to tackle plastic pollution. This is demonstrated by the increasing number of initiatives launched in recent years and the continuing expansion to new partners of the Ocean Plastics Charter, launched under Canada's 2018 G7 Presidency. Now is the time to seize this momentum and turn commitments into action. This UNEA side event will build on the success of the "Building the Global Momentum on Marine/Aquatic Plastics Litter" event held at the Sustainable Blue Economy Conference (SBEC) in Kenya in November 2018. At the SBEC side event, it became clear that tackling plastic pollution requires a global movement of like-minded partners to stop the flow of plastic waste into lakes, rivers and oceans, accelerate the transition toward a circular economy, and recover plastic's economic value. The side event will bring together key leaders from governments, the private sector and civil society to highlight leadership, best practices, and innovative social and technological solutions in support of the Ocean Plastics Charter and in line with the recommendations of the outcome of the Sustainable Blue Economy Conference.</p> <p>Organizers and Partners: Government of Canada (Environment and Climate Change Canada) and Government of Kenya (National Environment Management Authority and Ministry of Environment and Forestry)</p> <p>For more information please visit: http://web.unep.org/environmentassembly/building-global-momentum-marine-plastics-litter or contact: marion.guayarcand@canada.ca; edeche@nema.go.ke; Dgnema@nema.go.ke; mmamo@nema.go.ke</p>
<p>Monday, 11 March, 15:00 - 17:30: Dreams to Action (Conference Room 13)</p>	<p>UN Environment's Youth and Education Alliance is hosting a session titled "Dreams to Action" in order to share, listen, and discuss ideas with youth delegates attending the Assembly. The aim of this event is to discuss a joint approach to tackling pressing climate change and environmental issues and to consider further opportunities for action. The plan is to end with a declaration and set of actions that can be taken forward after UNEA.</p> <p>For more information, please contact: bryan.michuki@un.org</p>
<p>Monday, 11 March 15:00 - 18:00: UNEA Committee of the Whole</p> <p>Other Sessions Tuesday, 12 March 10:00 - 13:00 15:00 - 18:00</p> <p>Wednesday 13 March 10:00 - 13:00</p>	<p>The Committee of the Whole is expected to conduct its work under provisional agenda items 5 (International environmental policy and governance), 6 (Programme of work and budget, and other administrative and budgetary issues) and 10 (Provisional agenda and date of the fifth session of the UN Environment Assembly) commencing on the afternoon of Monday, 11 March, after the first meeting of the Plenary of the Assembly held in the morning of the same day and concluding on Wednesday, 13 March. The Committee is expected to report to the Assembly at its closing plenary session on Friday, 15 March 2019.</p> <p>Organizers and partners: UN Environment</p>

<p>Monday, 11 March 15.00 - 16.30: SIE Panel Session II: Legal Empowerment: Leaving No one Behind in Decision- Making on Sustainability (Expo Hub)</p>	<p>The Panel will discuss the risks and opportunities to use the law to ensure inclusive environmental decisions. The discussion will seek to identify existing and innovative legal tools to integrate the concerns of less-privileged, marginalized and underrepresented groups and individuals around the world in environmental decision-making including on business-as-usual production and distribution systems.</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/sustainable-innovation-expo/panel-discussions or contact: Maria.Manguiat@un.org</p>
<p>Monday, 11 March 17.30 - 19.30: Networking Reception: 2019 Sustainable Innovation Expo (by invitation) (Expo Hub)</p>	<p>The Networking Reception will bring together selected participants from Government, private sector and civil society. The Reception will provide participants with the opportunity to network and engage on two specific topics of Sustainable Consumption and Production and Sustainable Finance. Drinks and snacks will be served. By invitation only.</p> <p>For more information, please contact: charlotte.ndakorerwa@un.org or salma.serrano@un.org</p>
<p>Monday, 11 March, 18:15 - 19:45: Innovative Solutions for Sustainable Consumption & Production: Partnerships in Action - The One Planet Network Response (Side Event) (Conference Room 1)</p>	<p>The One Planet Network is a multistakeholder platform of the 10 Year Framework of Programmes on Sustainable Consumption and Production (known as the One Planet Network), and one of the formally recognized key implementation mechanisms for achieving the Sustainable Development Goals. During this event, members of the One Planet Network programmes will showcase their work on the ground to address some of the major environmental challenges, as well as showcasing examples of how businesses today are exploring with civil society organizations how to meet a growing consumer demand for products and experiences that meet people's desire to live ethically and sustainably. This side event seizes upon UNEA-4 as a pivotal moment to embed and accelerate progression towards sustainable consumption and production.</p> <p>Organizers and Partners: One Planet Network, in partnership with the Ministry of Environment of Germany, the Ministry of Environment of Indonesia, Consumers International and Cruelty Free International</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/innovative-solutions-sustainable-consumption-production-partnerships-action-one-planet-network or contact: jack.mcquibban@crueltyfreeinternational.org or charles.arden-clarke@un.org</p>
<p>TUESDAY, 12 MARCH 2019</p>	
<p>Tuesday, 12 March 9.00 - 10.00: Tradition as Innovation: How to achieve sustainable pastoralism and protect rangelands for future generations. (Press Room)</p>	<p>The rising global demand for livestock products (meat, milk, fat, fiber, hides), the continuing degradation of rangeland ecosystems in drylands, and the increasing environmental degradation and inequality caused by industrial livestock production, underlines the urgency for achieving an innovative transformation in production and consumption in the livestock sector. The 2030 Agenda for Sustainable Development recognizes the importance of supporting smallholder pastoral systems while also increasing productivity and simultaneously protecting biological diversity, managing waste, and reducing greenhouse gases. Pastoralists and natural rangelands continue to be undervalued in comparison to industrial livestock or other forest and agricultural pursuits, despite a growing list of home-grown and successful innovations. UNEA-4 provides a timely opportunity for Ministers of Environment and other stakeholders to discuss the direction that this debate should take. The side event will call upon countries to strengthen the enabling conditions for sustainable pastoralism as an important contributor to the implementation of several SDGs.</p> <p>For more information, please contact: Abdelkader.bensada@un.org</p>

<p>Tuesday, 12 March 9.00 - 10.00: International Resource Panel Report Launch Breakfast (Media Event) (Expo Hub)</p>	<p>The Breakfast will see the launch of the full Global Resources Outlook 2019. Over the past five decades, our global population has doubled, the extraction of materials has tripled and gross domestic product has quadrupled. The Global Resources Outlook analyzes the demographics and socio-economic forces driving the extraction and use of natural resources globally, and will report on how these drivers and pressures have determined our current conditions.</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/programme or contact: Shari.Nijman@un.org</p>
<p>Tuesday, 12 March 9.30 - 11.00: Launch of Faith for Earth Event: Innovative Solutions for Environmental Challenges (Faith for Earth Tent)</p>	<p>To create lasting changes in lifestyle and awareness for the future of our planet has proven not to be easy. In this event, panelists from faith-based communities will elaborate in detail on innovative solutions for environmental challenges and that sustainable consumption/production is doable, urgent and the right way forward. Representatives from major religions have joined hands to strengthen the momentum for the transformation of society. They will share their insights from their communities on environmental challenges related to poverty and natural resources management, including sustainable food systems, food security and halting biodiversity loss.</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/faith-earth-dialogue or contact: iyad.abumoghli@un.org</p>
<p>Tuesday, 12 March 10.00 - 11.30: SIE Panel Session III: Working Together to Beat Plastics Pollution (Expo Hub)</p>	<p>The panel of leading experts, representing actors across the value chain, will describe how concerted action addressing the key levers to shift away from a linear plastics economy will beat plastics pollution and make way for a new plastics economy where the resources are kept at high value within the economy. Action by different actors in the private sector (plastic manufacturers, goods producers, recyclers etc.), policy-makers, and citizens will be presented in the panel.</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/sustainable-innovation-expo/panel-discussions or contact: llorenc.milaicanals@un.org and Heidi.Savelli@un.org</p>
<p>Tuesday, 12 March 11.30 - 13.00: SIE Panel Session IV: Playing for the Planet: How Youth and Sports can unite to deliver on the Global Goals (Expo Hub)</p>	<p>If we are to deliver on the sustainable development goals, young people need to be at the heart of the conversation. This panel session will showcase how the combination of sports, video gaming, youth and education are coming together to inspire young people into action as part of UN Environment's new agenda on education and youth. At this event, representatives from the International Olympic Committee, the Scouts and games industry experts will be sharing the action they are undertaking in this arena.</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/sustainable-innovation-expo/panel-discussions or contact: Sam.Barratt@un.org</p>
<p>Tuesday, 12 March 13:00 - 15.00: Innovative actions towards a pollution free-planet: implementing the UNEA3 resolution on soil pollution (VIP Delegates Lounge)</p>	<p>Soil pollution is one of the greatest environmental problems of our time, even though it has long been neglected. It transcends borders and poses a serious risk to human health and well-being, food safety and security, and to the environment as a whole. For these reasons, the prevention, reduction and remediation of soil pollution requires a joint effort from all stakeholders. The UN Environment, in partnership with FAO and its Global Soil Partnership are advancing the directives set forth under the UNEA-3 resolution on combatting soil pollution. The objective is to fill the knowledge gaps and provide innovative solutions to prevent and reduce soil pollution. The UNEA-4 Side Event aims to bring together governments, the private sector and civil society to share ideas on innovative, impactful and replicable solutions in the agricultural and industrial sectors, learn about the successful 'tipping-points' that have made the difference and how to scale up these actions. This event is the subsequent step on the road to a pollution-free future.</p> <p>For more information, please contact: Abdelkader.bensada@un.org</p>

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<p>Tuesday, 12 March 13:15 - 14.45: Mining and the environment: The African framework to address impacts through innovative solutions (Side Event) (Expo Hub)</p>	<p>Africa is richly endowed with mineral resources and is a key producer of several minerals, however, while the mineral wealth of Africa contributes to the socio-economic development of the region, it is also associated with severe environmental impacts. The session will examine the development and implementation of UNFCAMREC (United Nations Framework Classification for Resource - African Minerals and Energy Classification and Management System) and how it supports the development of concepts that promote innovative solutions to transform the environmental challenges into opportunities. Speakers will highlight how new business models and sectoral interlinkages can transform mining to benefit the people and environment of Africa. The session will also highlight how entrepreneurial development can be promoted through an African Investment Club that will support the channeling of African investments to innovative mineral based start-ups that will provide economically, socially and environmentally-sound solutions.</p> <p>Organizers and Partners: African Union Commission</p> <p>For more information, please visit http://web.unep.org/environmentassembly/mining-and-environment-african-framework-address-impacts-through-innovative-solutions or contact: MugyenyiF@africa-union.org or bodourogrou@un.org.</p>
<p>Tuesday, 12 March 15.00 - 18.00: UNEA National Statements (Conference Room 2)</p> <p>Other Sessions Wednesday 13 March 15.00 - 18.00</p> <p>Thursday 14 March 12.30 - 14.00 16:00 - 19:00</p> <p>Friday 15 March 10.00 - 13.00</p>	<p>The plenary meetings will include the national statements sessions from Tuesday afternoon until Friday morning. These sessions will cover the theme of the Assembly and will include, among others, statements from Member states, non-member states, International Governmental Organizations, UN Entities, Secretariats of Multilateral Environmental Agreements & Major Groups and Stakeholders.</p> <p>Organizers and partners: UN Environment</p> <p>For more information, please contact: yannis.derbali@un.org or hind.ildrissi@un.org</p>
<p>Tuesday, 12 March 15.00 - 16.30: SIE Panel V: Mobilizing Sustainable Finance for Eco-Innovation and Sustainable Consumption and Production (Expo Hub)</p>	<p>The Panel will explore opportunities for banks to mobilize finance to accelerate the development of business strategies aligned with sustainable consumption and production in diverse industry sectors. UN Environment is developing a framework to align banking with society's goals, as expressed in the UN Sustainable Development Goals and Paris Climate Agreement. Some banks and investors are already working to support the transition to a circular economy by financing businesses for their transition to more sustainable production processes and circular business models. The ultimate objective of those investments is to build value chains which offer more resource efficient and less polluting products to consumers, so that they can make sustainable choices.</p> <p>Key outcomes of the panel discussion could be increasing understanding of the enabling environment needed to unlock and scale up financing for a circular economy.</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/sustainable-innovation-expo/panel-discussions or contact: Liesel.vanast@un.org</p>

<p>Tuesday, 12 March 15.00 - 18.00: Environment Management Group Nexus Dialogue on Sustainable Food Systems: ensuring food security for future generations (Conference Room 13)</p>	<p>The 2030 Agenda for Sustainable Development provides a transformative vision for overcoming the complex challenges that the world faces, embracing the principles of sustainability and tackling the root causes of poverty and hunger to leave no one behind. Sustainable Food Systems are at the centre of this framework, connecting many of the Sustainable Development Goals (SDGs); without meeting the dietary needs of people and protecting the land that produces our food, the SDGs cannot be achieved. In this light, the UN Environment Management Group, in close collaboration with the UN Environment Programme, will organize a Nexus Dialogue on Sustainable Food Systems. This Dialogue will bring together a diverse group of stakeholders to discuss innovative solutions to food systems and food security. The outcome of this Dialogue will be a set of key messages to be considered in policy debates, implementation and for advancing the Sustainable Food Systems agenda.</p> <p>Relevant organizations participating include the One Planet Network Sustainable Food Systems Programme, WHO, FAO, WWF, The UN Standing Committee on Nutrition, the World Economic Forum, World Business Council for Sustainable Development, EAT), UNDP, Nestle, 10YFP, World Agroforestry Centre.</p> <p>For more information, please visit https://unemg.org/our-work/supporting-the-sdgs/nexus-dialogues/ or contact: jannica.pitkanen-brunnsberg@un.org</p>
<p>Tuesday, 12 March, 13:15 - 14.45: Human rights- based approaches to innovation for sustainable development (Side Event) (Conference Room 1)</p>	<p>The event will consider the implications of a human rights-based approach to innovation for sustainable development. It will explore the implications of the Convention on Economic, Social and Cultural Rights which establishes that all persons have a right to benefit from science and its applications, as well as other instruments which protect indigenous peoples' traditional knowledge, for innovation for sustainable development. Potential speakers will represent indigenous peoples, human rights experts, UN agencies, member States and the private sector.</p> <p>Organizers and Partners: UN High Commissioner for Human Rights, in partnership UN Special Rapporteur on human rights and environment, UNDP-UN Environment Poverty-Environment Action, UN Environment, UN Framework Convention on Climate Change, Government of Sweden, Indigenous peoples' representatives on traditional knowledge and the new local communities</p> <p>For more information, please visit http://web.unep.org/environmentassembly/human-rights-based-approaches-innovation-sustainable-development or contact: bschachter@ohchr.org or arnold.kreilhuber@un.org</p>
<p>Tuesday, 12 March 17.30 - 19.30: Networking Reception: 2019 Sustainable Innovation Expo (by invitation) (Expo Hub)</p>	<p>The Networking Reception will bring together selected participants from Government, private sector and civil society. The Reception will provide participants with the opportunity to network and engage on two specific topics of Sustainable Consumption and Production and Sustainable Finance. Drinks and snacks will be served. By invitation only.</p> <p>For more information, please contact: charlotte.ndakorerwa@un.org or salma.serrano@un.org</p>

<p>Tuesday, 12 March, 18:15 - 19:45: Pollution in South East and Southern Europe: Presentation of the Ministerial Conference “Innovative Solutions to Pollution in South East and Southern Europe” (Side Event) (Conference Room 1)</p>	<p>UN Environment and the Government of the Republic of Serbia, with support from the Italian Ministry of Environment, Land and Sea, convened a Ministerial Conference on Innovative Solutions to Pollution in South East and Southern Europe that took place on 4-5 December 2018 in Belgrade, Serbia. The side event will provide a strategic opportunity to present the Regional Vision on Innovative Solutions to Pollution adopted by the 15 participating countries at the global level. The Belgrade Conference outcome results, such as the background report on Pollution in the Western Balkans, and selected posters on innovative solutions to Pollution, will be displayed at the margins of the side event.</p> <p>Organizers and Partners: Republic of Serbia, Republic of Italy and UN Environment Programme</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/pollution-south-east-and-southern-europe-presentation-ministerial-conference-“innovative-solutions” or contact: harald.egerer@un.org; nairobi@embassyofserbia.or.ke; ambasciata.nairobi@esteri.it or filippo.montalbetti@un.org</p>
<p>Tuesday, 12 March 19.00 - 21.00: Global Business Alliance for the Environment High Level Dinner (by invitation) (Delegates Lounge)</p>	<p>Members of the Business and Industry Major Group have established the Global Business Alliance for the Environment (GBA4E) for the UN Environment Assembly. The intent is to strengthen and augment business’ engagement and to reflect the important and indispensable role that business plays in matters concerning the environment.</p> <p>The Alliance will host an interactive and high-level dinner around the overarching theme of the Assembly, Innovative Solutions for Environmental Challenges and Sustainable Consumption and Production.</p> <p>For more information, please visit http://web.unep.org/environmentassembly/programme or contact: mumbi@emergingag.com</p>
<p>WEDNESDAY, 13 MARCH 2019</p>	
<p>Wednesday, 13 March 7.30 - 10.00: Annual Breakfast Meeting of the Network of Women Ministers and Leaders for the Environment (by invitation) (Global Partnership on Marine Litter/ Clean Seas Tent)</p>	<p>The Breakfast meeting is co-hosted by the Network of Ministers and Leaders for the Environment and UN Environment as the Secretariat for the Network. In keeping up with the overall theme of the UNEA 4, namely “Innovative Solutions for Environmental Challenges and Sustainable Consumption and Production”, the meeting will explore the possibility of establishing a Global Framework for Action that will build on an earlier one adopted by the Network in 2012. The proposed Framework for Action will outline actions to be undertaken by the Network members at country and institutional level over the next five years on mainstreaming gender perspectives into implementation of the environment related sustainable development goals. In addition will be presentations on the FOR All Coalition, a joint initiative between the government of Costa Rica, UN Women and OHCHR for the promotion of gender equality and human rights in the Multilateral Environment Agreements (MEAs); and the Resolution on Women and Environment proposed for adoption by the government of Costa Rica.</p> <p>The Breakfast meeting will be chaired by a Minister/Deputy Minister for Environment who will moderate two sessions. The first will be a brief introductory session where key note speakers will address key aspects of gender and innovation and sustainable consumption and production, the FOR All Coalition and give options for a way forward. The second session will be Round-Table Dialogues between Ministers, Heads of Delegation, Ambassadors, UN and civil society which will focus on the establishment of a second Global Framework for Action to accelerate progress in mainstreaming gender perspectives in the implementation of the s environment-related Sustainable Development Goals. The Round Table Dialogues will also discuss the Resolution on Women and Environment and provide suggestions on the way forward. The final amendments, once agreed upon, will be shared with the UNEA 4 plenary for integration into the overall outcome of the assembly.</p> <p>Organizers and partners: UN Environment - Gender and Safeguards Unit & Governance Affairs office</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/womens-ministerial-breakfast or contact: Janet.Macharia@un.org</p>

<p>Wednesday, 13 March 8.00 - 10.00: Leaders' Breakfast on Business Innovations to Environmental Challenges (by invitation) (Delegates Lounge)</p>	<p>This Leaders' Breakfast will highlight innovative business solutions to environmental challenges with a focus on sustainable consumption and production. The Breakfast Meeting will showcase new technologies and innovations in Kenya, Russia and South Africa and discuss opportunities and challenges to scale-up these innovations. Leaders from Government, business and civil society will have the opportunity to engage in an interactive dialogue to discuss best practices and lessons learned on private sector innovations for environmental challenges. The Leaders' Breakfast will also discuss the role of other stakeholders, such as governments and international organizations, such as UN.</p> <p>Organizers and partners: UN Global Compact Russia, Kenya Networks and UN Environment.</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/programme or contact: lebedeva@globalcompact.ru</p>
<p>Wednesday, 13 March 9.00 - 19.00: Cities Summit (ICRAF)</p>	<p>Cities are responsible for three quarters of resources and greenhouse gas emission. Trends in urbanization, population and economic growth will drive up these numbers if we don't consume and produce smarter. To address this concern, UN Environment Programme, UN Habitat, United Cities and Local Governments, ICLEI, the Global Taskforce and Cities Alliance are co-organising the Cities Summit with the objective of providing an opportunity for high level dialogue by mayors, ministers, private sector leaders and civil society representatives on challenges and innovative solutions to achieve liveable and sustainable cities.</p> <p>The Summit is a unique opportunity to focus on ways to reduce the 'weight of cities' by using our resources more efficiently through urban systems integration and circularity, and thereby harnessing climate and societal benefits, including health and jobs. We will discuss how, by developing integrated solutions for urban systems, we can build more sustainable, prosperous, and equal cities into the coming decades, in line with the vision set out in the New Urban Agenda.</p> <p>The Summit aims to Identify key messages for the 4th session of the UN Environment Assembly on innovation for sustainable consumption and production in cities and to kick start a process to develop partnerships and commitments ready for the Secretary General's Climate Summit on integrated urban infrastructure.</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/sustainable-innovation-expo/cities-summit or contact: Martina.Otto@un.org</p>
<p>Wednesday, 13 March 9.00 - 11.00: Sustainability Literacy Test workshop: Raising awareness on Circular Economy for SCP (Conference Room 13)</p>	<p>Sulitest was created following Rio+20 as an easy to use, online, multiple choice assessment platform, consisting of a set of questions identical worldwide, and other specialized modules that consider regional realities. Sulitest has been already taken by more than 115,000 students. Each question is aligned with one or more of the 17 SDG, creating one of the largest databases on citizens' awareness and understanding of the SDGs. UN Environment Environmental Education and Training and Sulitest are leading a process to create a set of specialized questions on the Circular Economy. This specialized module, focused on SDG12, will be made available free via the Sulitest platform to universities and organizations worldwide. The objective of the session is to present Sulitest, discuss the relevance of this SDG 12 module's questions; and engage people in becoming contributors to the future improvements of the module.</p> <p>Organizers and partners: UN Environment and Kedge Business School</p> <p>For more information, please contact: pablo.fuentenebro@un.org or jccarteron@kedgebs.com</p>

<p>Wednesday, 13 March 10.00 - 13.00: Global Environment Outlook interactive dialogues (Conference Room 1)</p>	<p>The GEO-6 team will hold a 3 hour (half-day) session at UNEA4 to address the key findings of the GEO-6 report, have an interactive discussion with key stakeholders and to introduce one of GEO's first derivative products, the GEO for Youth. Specifically, this will include presentations and a moderated discussion from the co-chairs of the GEO-6 advisory bodies and the assessment's lead authors, an interactive dialogue with major groups and key stakeholders, a brief session on the GEO for Youth process and finally a discussion on 'jobs of the future' and the day-to-day sustainability actions that people can take.</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/global-environmental-outlook-geo-un-environment-assembly or contact: Pierre.Boileau@un.org</p>
<p>Wednesday, 13 March 10.00 - 11.30: SIE Panel Session VI: Public-Private Approaches for Feeding our World and safe-guarding our environment (Expo Hub)</p>	<p>The panel of experts will explore energy, water, chemicals, land, and ecosystem-based avenues for integrating or scaling up sustainability in the value chains of key commodity crops. This event will feature the Sustainable Rice Platform (www.sustainable-rice.org) as an innovative UN-Environment-hosted and co-founded with the International Rice Research Institute Public-Private partnership. Also, it will discuss ways to finance these initiatives by bringing in Rabobank and other finance facilities being developed by UN Environment.</p> <p>For more information please visit: http://web.unep.org/environmentassembly/sustainable-innovation-expo or contact: James.Lomax@un.org</p>
<p>Wednesday, 13 March 10.30 - 12.30: The High Ambition Alliance on Chemicals and Waste (by invitation) (Conference Room 11)</p>	<p>The High Ambition Alliance was established in July 2018 with the aim to create and enhance awareness and understanding about the urgency to act on chemicals and waste at all levels in the context of the Beyond 2020 process and thereafter. The Alliance comprises of a group of committed leaders of ministers and the senior representatives from intergovernmental organizations, industry and civil society.</p> <p>Organizers and Partners: The Oriental Republic of Uruguay and the Kingdom of Sweden</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/programme or contact: Frida.jangsten@gov.se; uruetiopia@mree.gub.uy or Jacob.Duer@un.org</p>
<p>Wednesday, 13 March 11.15 - 12.30: Media Event: Roundtable on 'SWITCH to Green' (Press Room)</p>	<p>The UN Environment, in partnership with the European Union and other partners have been implementing regional programmes to support countries transition to an inclusive green economy based on Sustainable Consumption and Production practices, resource efficiency, and redirecting investments towards low emissions and climate resilient products and services. The programmes include : SWITCH- Asia, SWITCH Africa Green, SWITCHMed and EaP GREEN. This Roundtable will bring the different programmes together under one platform entitled "SWITCH to Green". It will enable stakeholders to share their success stories, encouraging cross-regional learning while highlighting how the transition to an inclusive green economy can take place. There will be high-level representation from the European Union and UN Environment.</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/programme contact: Kamala.Ernest@un.org</p>

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<p>Wednesday, 13 March 11.30 - 12.30: IWT & Beyond: A New Deal for Nature in Malawi (Pop-Up Chat) (Conference Room 13)</p>	<p>Malawi has achieved considerable success in its fight against illegal wildlife trade and is now looking to apply the same progressive approach to protect its wider natural heritage towards a 'new deal for nature and people', aligned with the post-2020 global biodiversity framework and working in partnership with the UN Environment. Behaviour change communications will be placed at the heart of this initiative, and research to understand people's knowledge, attitudes and practices in relation to nature is currently being undertaken to inform that campaign strategy and messaging. The development of an 'ecological consciousness' score will hold significant practical value as a tool to not only measure the effectiveness of the communications and to predict future behavior but also in its application to design informed and comprehensive biodiversity strategies in other countries.</p> <p>Organizers and partners: Government of Malawi and UN Environment</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/programme or contact: Lisa.Rolls@un.org</p>
<p>Wednesday, 13 March 13.00 - 14.00: Launch of the GEO-6 Report (Media Event) (Press Room)</p>	<p>The Global Environment Outlook is UN Environment Programme's flagship environmental assessment that reviews the state of the global environment, the effectiveness of our policy response and the pathways we might use to achieve a more sustainable future. The sixth edition of the Global Environment Outlook has been in preparation for more than two years by a group of more than 200 experts. The launch will focus on the transformational pathways that governments, business and citizens can follow to achieve a truly sustainable world.</p> <p>For more information, please visit https://www.unenvironment.org/global-environment-outlook or contact: Pierre.Boileau@un.org</p>
<p>Wednesday, 13 March 13.00 - 14.30: Taking Action to Achieve Water and Sanitation for All (VIP Lounge)</p>	<p>The importance of water for human health, well-being and livelihoods, ecosystem functioning and services, and the survival of all living species is clear – this is a central tenet of the Sustainable Development Agenda and was reaffirmed in UNEA Resolution 3/10, "Addressing Water Pollution to Protect and Restore Water-related Ecosystems." These essential ecosystems include forests, mountains, wetlands and rivers, but they are increasingly under threat. Action must be ramped up to achieve the water-related SDGs, in particular SDG 6. This also means exploring the local relevance of the 2030 Agenda process and related information needs of local stakeholders. This is the focus of the International Decade for Action on Water for Sustainable Development, 2018-2028. There is an urgent need to invest in adequate infrastructure, take measures to monitor, protect and restore water-related ecosystems, and promote water efficiency and wastewater treatment technologies.</p> <p>Organizers and partners: Government of Kenya and UN Environment</p> <p>For more information, please contact: lis.bernhardt@un.org</p>
<p>Wednesday, 13 March, 13:15 - 14.45: The contribution of sustainable finance to a circular economy (Side Event) (Conference Room 1)</p>	<p>This side event aims to raise awareness on the interlinkages between the circular economy and sustainable finance including sustainability impacts and natural capital risks and motivate sustainable finance actors from the public and private sector to actively engage on integrating circular economy finance into the sustainable finance agenda. Participants will discuss how current initiatives by the UN Environment Programme, the European Union and the private sector can contribute to sustainable consumption and production and a more efficient use of resources through the circular economy approach.</p> <p>Organizers and Partners: European Commission and UNEP Finance Initiative</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/contribution-sustainable-finance-circular-economy or contact: sebastian.GIL@eeas.europa.eu ; astrid.schomaker@ec.europa.eu or eric.usher@un.org</p>

<p>Wednesday, 13 March, 13:15 - 14.45: Innovative approaches from governments, the private sector, and civil society to measure and reduce food waste (Side Event) (Expo Hub)</p>	<p>There has been a groundswell of awareness about, and action towards, reducing food loss and waste across the globe in recent years. Governments, international agencies, the private sector, academia, and the non-governmental community have led innovative efforts to improve the measurement of loss and food waste, and this event will bring them together to present policies, tools, technologies and processes to help countries measure and reduce their food loss and waste and to implement Innovative solutions for environmental challenges and sustainable consumption and production, the UNEA-4 theme.</p> <p>Organizers and Partners: Governments of the United States, Italy, World Wildlife Fund International, Waste & Resources Action Programme, World Resources Institute, International Dairy Federation, and the Singapore National Environment Agency.</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/innovative-approaches-governments-private-sector-and-civil-society-measure-and-reduce-food-waste or contact: besch.brianna@epa.gov or mark.radka@un.org</p>
<p>Wednesday, 13 March 14.00 - 15.00: The Future of Fashion for Social Impact (Pop-Up Chat) (Conference Room 13)</p>	<p>Transforming the textile and apparel sector provides tremendous opportunities for engendering positive social and environment impacts, from tackling climate action and increasing food security, to creating inclusive green jobs in emerging economies. The development of non-conventional fibers and markets can provide a wide range of co-benefits for small-holder farmers and textile producers, ranging from increased agricultural yields, rural income and food security (through enhanced soil fertility from fiber production, and the creation of new fiber markets), to sequestration of atmospheric carbon to mitigate climate change. The Pop-up chat would demonstrate the employment of new sources of fiber and production techniques, while exploring their significance for social impact, e.g. local artisanal and digital factory production, organic certified GOTS silks and handmade embroideries, recycled fabrics (remnants used to create new designs), natural elements, harvesting fiber from forests, oceans and fungi.</p> <p>Organizers and Partners: Olistic the Label (France, Portugal and Switzerland) and Zoï Environment Network (Switzerland)</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/programme or contact: otto.simonett@zoinet.org or michael.stanley-jones@un.org</p>
<p>Wednesday, 13 March 14.00 - 15.00: Visualizing Arctic/global connections through Vital Graphics (Press Room)</p>	<p>The new Vital Arctic Graphics report, produced by UN Environment and its collaborating center GRID-Arendal, is a set of maps and graphics, accompanied by short narratives to synthesize and illustrate the most critical, connected environmental challenges with Arctic and global relevance and focusing on issues which call for common solutions. The graphics builds on Arctic and global environmental assessments and reflect the dynamic connection between the Arctic and the rest of the planet. It presents both trends and outlooks and provides actionable recommendations focused on policy development and options for solutions. The issues covered by this product reflect the themes of the current Finnish Chairmanship of the Arctic Council – climate change, biodiversity conservation and pollution prevention. After the launch at the UN Environment Assembly as part of the Global Environment Outlook roll out, the Vital Arctic Graphics will be also presented at the closure of the Finnish Chairmanship of the Arctic Council, at the Arctic Council Ministerial meeting in Rovaniemi, 6-7 May 2019.</p> <p>Organizers and partners: GRID-Arendal and UN Environment</p> <p>For more information, please visit: https://www.unenvironment.org/resources/report/vital-arctic-graphics-people-and-global-heritage-our-last-wild-shores or contact: matthew.billot@un.org</p>

<p>Wednesday, 13 March 15.00 - 18.00: Global Resources Outlook International Chemical's Outlook interactive dialogues (Conference Room 1)</p>	<p>The GEO-6 team will hold a 3 hour (half-day) session at UNEA-4 to present the key findings of the GEO-6 report, have an interactive discussion with key stakeholders and to introduce one of GEO's first derivative products, the GEO for Youth. Specifically, this will include presentations and a moderated discussion from the GEO-6 co-chairs and the assessment's lead authors, an interactive dialogue with governments and key stakeholders, a brief session on the GEO for Youth process and finally a discussion on 'jobs of the future' and the day-to-day sustainability actions that people can take.</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/addressing-sustainability-challenges-through-integrated-innovative-solutions-insights-global or contact: Pierre.Boileau@un.org</p>
<p>Wednesday, 13 March 15.00 - 16.30: Panel Session VII: Faith for Earth: Faith-Based Initiatives for Addressing Environmental Challenges (Expo Hub)</p>	<p>Around the world, hundreds of millions of people either have faith as an integral part of their lives or are affiliated with a religious group. Globally, faith and religious identities continue to be a major driver of behavior among many people. Indeed, the role of faith-based groups and religious organizations in mobilizing action for the sustainable development goals cannot be over-emphasized. As faith and religion constitute a key part of human identity and cultural values in most parts of the world, any serious efforts on development ought to incorporate faith. To this end, the UN Environment Programme has launched the Faith for Earth Initiative. The Initiative is a platform for Faith Leaders and Faith-based organizations to share experiences on how the environment is an integral part of different faiths and how issues ranging from climate change to sustainable lifestyles impact us all.</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/sustainable-innovation-expo/panel-discussions or contact: lyad.Abumoghli@un.org</p>
<p>Wednesday, 13 March 16.30 - 18.00: Entertainment as a tool for Environmental Change (Media Event) (Press Centre)</p>	<p>Why aren't we using entertainment to mobilize public support for environmental protection? Can environmental stories inform as well as thrill young audiences? These are some of the questions we'll be asking TV executives, media and ministers at the UN's first roundtable on entertainment and the environment. Special guests, Globo - with a daily audience reach of 100 million - Maria Farinha Filmes and Believe Earth, will join us to provide a sneak preview of the world's first ever Environmental TV Thriller. Filmed in the heart of the Amazon, on specially constructed TV sets and in Brazil's major cities, Aruanas, represents innovation in entertainment in a way never seen before on TV. The 10 part thriller tells the story of three women's fight for environmental justice in the Amazon, set against a backdrop of violence, environmental degradation, and heroism. It has all of the ingredients of suspenseful drama but with an environmental theme. Before the series airs on televisions across the world in June, Globo TV, along with some of Brazil's biggest actors and actresses will unveil the series at UNEA. The discussion that will follow is expected to be just as entertaining.</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/programme or contact: Niamh.Brannigan@un.org</p>
<p>Wednesday, 13 March 16.30 - 17.30: Elevating electrics and electronics to the forefront of circular economy - an integral and multi-disciplinary approach (Pop-Up Chat) (Conference Room 13)</p>	<p>This high-level pop-up chat will focus on the need for a new vision for the electrics and electronics industry, according to the principles of circular economy. It will refer to the multitude of actors across the life-cycle of equipment, and the mountain of e-waste generated from our throw-away society. This event, organized by the Environment Management Group, will build on the e-waste sessions that took place at the World Economic Forum Annual Meeting in Davos, in January 2019.</p> <p>Organizers and partners: UN Environment and Algeria</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/programme or contact: jannica.pitkanen-brunnsberg@un.org</p>

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<p>Wednesday, 13 March 18.00 - 19.00: Global Partnerships: Keys to Unlocking Resource Efficiency and Inclusive Green Economies (Conference Room 2)</p>	<p>This event will showcase experiences from India, host of the World Environment Day in 2018, and from partners, to address the resource efficiency challenge. Closely linked to the overarching theme of <i>"Innovative solutions for environmental challenges and sustainable consumption and production,"</i> it will touch on new pathways to sustainability including life-cycle approaches to resource efficiency, energy, chemicals and waste management towards greener and more inclusive economies.</p> <p>Organizers and partners: Ministry of Environment, Forest and Climate Change (MoEFCC), Government of India</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/node/42167/ or contact: madhur.das@un.org or bagai@un.org</p>
<p>Wednesday, 13 March, 18:15 - 19:45: Leapfrogging to electric mobility: a strategy to detoxify and decarbonize (Side Event) (Conference Room 1)</p>	<p>The transition to electric mobility has accelerated exponentially in the recent years, and Latin America and the Caribbean are no exception. Even though the adoption levels of this technology are still at an early stage, several countries and cities in the region are drafting ambitious plans and taking significant steps to accelerate deployment. During the side event, representatives from governments, financial institutions and private sector will present their national perspectives on how to leapfrog to electric mobility while at the same time creating investment opportunities and "Green Jobs".</p> <p>Organizers and Partners: Secretariat for the Environment and Sustainable Development, Argentina, Ministry of the Environment and Energy, Costa Rica. Ministries of the Environment of Barbados, Belize, Bolivia, Chile, Colombia, El Salvador, Grenada, Guatemala, Honduras, Mexico, Santa Lucia Uruguay, and private sector/industry organizations (BYD, Renault, BMW, Enel, Engie), Latin American Association for Sustainable Mobility (ALAMOS), European Union.</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/leapfrogging-electric-mobility-strategy-detoxify-and-decarbonize or contact: pholzman@ambiente.gob.ar; andrea.mezamurillo@gmail.com or rob.jong@un.org</p>
<p>THURSDAY, 14 MARCH 2019</p>	
<p>Thursday, 14 March 9.00 - 10.45: One Planet Summit: Opening Ceremony and High-Level Session (by invitation)</p> <p>Afternoon Sessions 12:00 – 14:00: Business and Networking Lunch, Pitches and Deal Rooms</p> <p>14:00 – 17:30: Sectoral Panels</p>	<p>Co-organized by France, Kenya and the World Bank, the One Planet Summit will showcase concrete achievements and breakthrough initiatives, and trigger new coalitions and commitments. The One Planet Summit will start by a high-level session focused on promoting renewable energy and fostering resilience, adaptation and biodiversity. This will be followed by a "business and partnership" session showcasing the work of African entrepreneurs and initiatives and finally "sectoral deep dives" which are breakout sessions to discuss key sectoral issues.</p> <p>For more information, please visit: www.oneplanetsummit.fr or contact: Charlotte.Balouzat@developpement-durable.gouv.fr or Estelle.Halimi@diplomatie.gouv.fr</p>

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<p>Thursday, 14 March 10.00 - 11.30: SIE Panel Session VIII: Accelerating Circularity Actions for a Sustainable Textile Value Chain (Expo Hub)</p>	<p>The textiles industry has grown to become one of the largest global industries. Environmental and social impacts associated with the textile value chain are significant and therefore of increasing concern to the global community. Generally, sustainability considerations in the production of textiles have gained traction, particularly for labour issues. However, the global textile value chain is still far from closing loops and reducing its environmental impacts. With sales expected to grow further, accelerated through ever increasing demand for fast fashion, actions for a sustainable textile value chain, including new business models, are indispensable. The global growing fashion appetite has also a potential to be a highly visible engine for lifestyle change and consumer education.</p> <p>The discussion will build on the ongoing engagement of UN Environment with relevant stakeholders in the textile and fashion community and will contribute to the definition of key focus areas to deliver impact and concrete results in countries along the textile and fashion value chain. The session will convene partners from the textile/fashion industry, governments and experts on circular economy to jointly develop solutions to advance on a sustainable textile value chain within a broader Circular Economy by providing policy solutions, concrete business solutions as well as education and advocacy approaches targeted at consumers.</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/sustainable-innovation-expo/panel-discussions or contact: Elisa.Tonda@un.org and Catherine.Beltrandi@un.org</p>
<p>Thursday, 14 March 11.00 - 12.30: UNEA High Level Segment Official Opening Plenary (Conference Room 2)</p>	<p>H.E. Mr. Siim V. Kiisler, Minister of Environment of Estonia and President of the UN Environment Assembly, will open the High Level Segment of the fourth session of the UN Environment Assembly. This will be followed by national statements by Heads of State and Heads of UN agencies. The Assembly will address the theme "<i>Innovative Solutions for environmental challenges and sustainable consumption & production</i>". Detailed information on the High Level Segment of the fourth session, including the calendar of meetings and scenario note of the session is available at the official UN Environment Assembly website: http://web.unep.org/environmentassembly/fourth-session-un-environmentassembly</p>
<p>Thursday, 14 March 12.30 - 14.00: Launch of the UN Alliance for Sustainable Fashion (Media Event) (Expo Hub)</p>	<p>The textiles and clothing industries – fashion – contribute \$2.4 trillion to global manufacturing and employ approximately 60 million people worldwide, most of them women. Yet fashion faces social, economic and environmental challenges across the global value chain. The fashion industry is the second-biggest consumer of water, producing 20 percent of wastewater, and is responsible for 8-10% of global greenhouse gas emissions. More than US\$ 500 billion of value is lost every year due to clothing underutilisation and the lack of recycling. The effects of climate change pose an increasing threat to the safety and health of workers in the sector, particularly in the least developed countries. The UN Alliance on Sustainable Fashion is coordinating across the UN system to bring One UN Voice to fashion. Through the Alliance, the UN commits to changing the path of fashion, reducing its negative environmental and social impacts; and turning fashion into a driver of the implementation of the Sustainable Development Goals.</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/putting-brakes-fast-fashion or contact: Michael.Stanley-jones@un.org</p>

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<p>Thursday, 14 March, 14:15 - 15:45: Ministerial roundtable on main outcomes of the 2018 UN Biodiversity Conference and the development of the post 2020 global biodiversity framework (Side Event) (Conference Room 1)</p>	<p>The High-level Segment of the UN Biodiversity Conference was held from 14-15 November 2018 and gathered all stakeholders under the theme mainstreaming of biodiversity into the sectors of energy and mining, infrastructure, manufacturing and processing, and health. The High-level Segment included: panel discussions on the importance of investing in biodiversity for people and planet, and the post-2020 Framework and 2050 Vision; and round tables on mainstreaming biodiversity in infrastructure, manufacturing and processing, energy and mining, and health sectors. The event will galvanize political support towards a post-2020 global biodiversity framework, which will replace the Strategic Plan for Biodiversity 2011-2020.</p> <p>Organizers and Partners: Ministry of Environment of Egypt, Secretariat of the Convention on Biological Diversity, UN Environment Programme</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/ministerial-roundtable-main-outcomes-2018-un-biodiversity-conference-and-development-post-2020 or contact: hhzedan@hotmail.com or jyoti.mathur-filipp@cbd.int</p>
<p>Thursday, 14 March, 14:15 - 15:45: The NextWave of Innovation: A P4G State of the Art partnership having maximizing impact today on one of our most pressing global challenges - plastic pollution in the marine environment (Side Event) (Expo Hub)</p>	<p>NextWave Plastics is keeping plastic in our economy and out of the ocean through developing the first global network of ocean-bound plastic suppliers and permanently locking up this material into company products that will never make their way back into the ocean, achieving full circularity and having direct impact on the marine environment. At this event, private sector leaders will discuss the necessary strategies that foster true collaboration across and within industries and geographic boundaries, how these strategies are being applied to create maximum impact today on our most pressing social and environmental issues and early supply chain development learning that are shaping future directions for sustainable consumption. The event will also feature the critical importance of addressing social needs and interests in the development of the first-ever global network of ocean-bound plastics suppliers.</p> <p>Organizers and Partners: Lonely Whale is an award-winning incubator for courageous ideas that drive impactful market-based change on behalf of our ocean. Founded in December 2015 by UN Environment Programme Goodwill Ambassador Adrian Grenier and Lucy Sumner, Lonely Whale is inspired by the power of community to create the change needed to ensure a healthy planet.</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/nextwave-innovation-p4g-state-art-partnership-having-maximizing-impact-today-one-our-most-pressing or contact: dune@lonelywhale.org or barbara.hendrie@un.org</p>
<p>Thursday, 14 March 16:00-17:30: Leadership Dialogue: Environmental challenges related to poverty and natural resources management, including sustainable food systems, food security and halting biodiversity loss (Conference Room 1)</p>	<p>The Dialogue focuses on how food systems are putting increasing pressure on our environment and are failing to provide for the food for the world's vulnerable people, both in terms of agricultural yield and nutritional quality. In this way, maximizing agricultural productivity and shifting to sustainable food systems is critical to eradicating poverty, creating income opportunities, enhancing inclusive socio-economic growth and reducing vulnerabilities across the globe. To achieve this, there is a need to invest in resilient, climate-smart agriculture, as well as secure sustainable value chains. To this end, individual actions can go a long way to achieve sustainable food-systems.</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/unea-4-leadership-dialogue or contact: Alberto.Pacheco@un.org</p>

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<p>Thursday, 14 March 17:30-19:00: Multi-Stakeholder Dialogue: Innovative Solutions for Sustainable Consumption (Conference Room 1)</p>	<p>Innovative technical solutions need to be complemented by deep changes in behavior, social, cultural and business practices, and public policy. Such transformative changes need to engage all stakeholders and can often build upon existing traditional or cultural practices that are aligned with sustainability objectives.</p> <p>The Multi-Stakeholder Dialogue at the 2019 session of the UN Environment Assembly will provide an opportunity to present and discuss innovative solutions, including social and societal, to achieve more sustainable consumption patterns that contribute to more sustainable living. It will build upon the Leadership Dialogues that will have been held before, engaging governments and public sector, and will incorporate the views of Major Groups and Stakeholders and the private sector.</p> <p>For more information, please visit: https://goo.gl/BYh85n or contact: Alexander.Juras@un.org</p>
<p>Thursday, 14 March, 17:45 - 19:00: UN Young Champions of the Earth: Speaking Youth to Power cocktail reception</p> <p>19:00 - 20:30: UN Young Champions of the Earth: Speaking Youth to Power townhall dialogue</p> <p>(One Planet Summit Tent)</p>	<p>There has never been a more urgent time than now to find solutions for our environmental crises. For those born in the last three decades, we represent the single largest generation that the world has ever seen. We are also the first generation to grow up with an understanding of climate change and possibly the last generation to have the chance to prevent its most disastrous effects. What a profound opportunity. What a profound responsibility. The world is full of young people excelling in finding new solutions to old challenges. We are brave, bold and bring new ideas to the table. But are we being heard? Are we part of your conversations? As Ministers and decision-makers head into their sessions to pass ground-breaking resolutions, we need ground-breaking ideas. Join us for an evening of discussion, new ideas, big solutions and innovative thinking led by those of us under 30. Seating will be on a first-come-first-serve basis with a subset of seating reserved for VVIPs on request.</p> <p>Organizers and Partners: UN Environment</p> <p>For more information, please visit: https://web.unep.org/youngchampions/ or contact: georgina.avlonitis@un.org</p>
<p>Thursday, 14 March, 18:15 - 19:45: Advancing the sustainability of chemicals throughout the life cycle (Side Event) (Expo Hub)</p>	<p>As reported in the Global Chemicals Outlook II, megatrends like population growth and increase in chemicals production worldwide, with emerging economies forecasted to achieve the highest growth rates, are crucial challenges for our global society. The report recognizes that large amounts of hazardous chemicals are continuously released to indoor and outdoor environments, in addition to large volumes of hazardous wastes generated. The impacts of chemical pollution on human health and ecosystems remain significant, despite a range of valuable chemicals management instruments and approaches developed and applied over the past decades. The megatrends and related market demands create challenges concerning health and environment impacts in the future, but also opportunities for innovation and change. Given the need to advance innovative solutions, a number of private sector actors in the chemical industry and downstream sectors have put in place proactive initiatives to advance sustainability of chemicals within global supply chains and through private standard setting.</p> <p>To scale up innovative and proactive private sector solutions throughout the life cycle, existing private efforts need to be supported through policy making. This interplay as well as sharing experiences, successes and challenges of these initiatives is crucial in complementing public sector regulatory frameworks.</p> <p>Organizers and Partners: Organizers and partners, Federal Ministry for the Environment, Nature, Conservation and Nuclear Safety, Secretariat of the Basel, Rotterdam and Stockholm Conventions, Chemicals and Health Branch of UN Environment</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/advancing-sustainability-chemicals-throughout-life-cycle or contact: stephan.contius@bmu.bund.de</p>

FRIDAY, 15 MARCH 2019

<p>Friday, 15 March 8.00 - 10.00: Ministerial Breakfast: Natural resource use: towards a Safe Operating Space (by invitation)</p>	<p>The Ministerial Breakfast will discuss the political need for the definition of criteria and reference values for a sustainable level of use of natural resources (e.g. materials, land/soil, water). This 'safe operating space' would allow maintaining resource extraction, production and use within planetary boundaries while at the same time allowing sustainable growth and prosperity, in line with the objectives of the 2030 Agenda for Sustainable Development. While setting targets and reference values is a political decision, it would need to be underpinned by robust science. The Ministerial Breakfast will provide an occasion for discussing the interplay between policymaking and the development of scientific advice in the field of natural resources.</p> <p>Organizers and Partners: European Union</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/programme or contact: Sebastian.GIL@eeas.europa.eu</p>
<p>Friday, 15 March 9.00 - 11.00: Panel: Sustainable Finance for Climate Impact (Conference Room 13)</p>	<p>The high-level event, jointly organized by UN Environment and the Green Climate Fund, will bring together donor countries, beneficiary countries, and financial institutions to identify key achievements towards low emission and resilient development, challenges, gaps, and needs for sustainable climate finance, in light of the first formal replenishment of the Green Climate Fund.</p> <p>Organizers and partners: UN Environment and Green Climate Fund.</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/programme or contact: hemini.vrontamitis@un.org</p>
<p>Friday, 15 March 10.00 - 11.30: Leadership Dialogue: Life-cycle approaches to resource efficiency, energy, chemicals and waste management (Conference Room 1)</p>	<p>This moderated high-level dialogue will be guided by the concerns and interests of Ministers of the Environment. The dialogue will focus on life-cycle approaches and strategies as essential tools to decoupling economic activity and human well-being from resource use and negative environmental impacts.</p> <p>Life-cycle approaches are essential tools to inform innovation to improve resource efficiency; promote sustainable consumption and production; and encourage the efficient management of energy, chemicals and waste. For many years, industry players have successfully used such approaches to identify and address 'hotspots' in their value chains. This has allowed them to ramp up production without necessarily using more resources or increasing their impact on the environment. Life-cycle approaches can also help to identify those sectors that are responsible for bigger shares of an economy's environmental footprint. The systemic information provided by life-cycle approaches allows decision-makers to understand trade-offs between social, environmental and economic impacts, thus accelerating the progress towards more sustainable consumption and production patterns and advancing the 2030 Agenda for Sustainable Development.</p> <p>The dialogue will last 90 minutes and will be organized as a high-level, interactive and moderated session. The meetings will be open to representatives of Member States and to representatives of Specialized Agencies, United Nations bodies, other intergovernmental organizations, special guests and observers of international non-governmental organizations. The dialogues will be broadcasted.</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/unea-4-leadership-dialogue or contact: Alberto.Pacheco@un.org</p>

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<p>Friday, 15 March 10.00 - 11.30: Panel Session IX: Leveraging Sustainable Procurement to Transform the Tourism Sector (Expo Hub)</p>	<p>This panel will explore how we can transform tourism value chains to low carbon and resource efficient operations through sustainable consumption and production practices. By incorporating sustainability requirements into purchasing processes, corporate and public buyers can convey a strong market signal and drive markets towards sustainability and help scale the market for these products and services. Setting up public-private partnerships in view of developing resorts, ports, airports, destination infrastructure, and public transportation, as well as solving environmental challenges may offer the opportunity to engage suppliers to provide innovative and sustainable solutions, products and services. The effective implementation of sustainable procurement practices in tourism can further advance resource efficiency and generate innovative solutions to beat pollution.</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/sustainable-innovation-expo/panel-discussions or contact: Helena.Rey@un.org</p>
<p>Friday, 15 March 11.30 - 13.00: Leadership Dialogue: Innovative business development at a time of rapid technological change (Conference Room 1)</p>	<p>This moderated High-level Dialogue will be guided by the concerns and interests of Ministers of the Environment. The Dialogue will focus on Innovative sustainable business development at a time of rapid technological change. Rapid technological change, if managed properly, can help unlock a vast set of opportunities to widen prosperity and generate long-term sustainable value from innovative solutions that encourage natural systems to flourish and entrepreneurship to grow.</p> <p>Innovative sustainable business represents an opportunity for companies that can bring value to people and the environment. Since our consumption and production patterns must change so radically, companies can seize the opportunity to drive change by embracing emerging innovative technologies that, for example, support standardization, sustainable production, and transparency across the value chain. Technological change includes new and powerful tools that can help to realize the vision of the 2030 Agenda for Sustainable Development. The report of the Secretary-General on harnessing new technologies to achieve the Sustainable Development Goals points out however to the potential of these technologies to advance human well-being, but also to generate more inequality and more violence with significant implications for the protection of human rights.</p> <p>The Dialogue will last 90 minutes and will be organized as a high-level, interactive and moderated session. The meetings will be open to representatives of Member States and to representatives of Specialized Agencies, United Nations bodies, other intergovernmental organizations, special guests and observers of international non-governmental organizations. The dialogues will be broadcasted.</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/unea-4-leadership-dialogue or contact: Alberto.Pacheco@un.org</p>
<p>Friday, 15 March, 13:15 - 14.45: The correlation between migration and environment: what do we do next? (Side Event) (Conference Room 1)</p>	<p>In recent years, environmental migration questions have increasingly featured in global environmental and climate change policy discussions, notably under the United Nations Framework Convention on Climate Change, in previous United Nations Environmental Assemblies, the Sendai Framework for Disaster Risk Reduction and the United Nations Convention to Combat Desertification. As policy discussions intensify on a topic seen as a key challenge of today and tomorrow's global governance, this event will give to the participants of the UN Environment Assembly the opportunities to discuss the current evidence on the poverty, natural resources management and migration nexus, global governance of environmental migration and reflections on concrete solutions.</p> <p>Organizers and Partners: Permanent Mission of Morocco and International Organization for Migration</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/correlation-between-migration-and-environment-what-do-we-do-next or contact: saidou.hamani@un.org, lilmahken@iom.int or marika.palosaari@un.org</p>

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<p>Friday, 15 March, 13:15 - 14:45: Ministerial Luncheon: Innovative Policies and Solutions for a Circular Economy (Side Event) (Expo Hub)</p>	<p>The High-level Luncheon underlines the need for systemic thinking and focuses on sustainable and circular economy solutions that contribute broadly to the UNEA-4 outcome. The systemic transition to a more circular economy is needed to achieve the Paris Agreement and the 2030 Agenda for Sustainable Development. The event will present the highlights from the Yokohama World Circular Economy Forum, and take forward outputs from the other relevant UN and international events and processes, such as the PAGE Ministerial Conference in Cape Town in January 2019, and the One Planet Network and its thematic programmes. The High-Level Luncheon provides a global platform for Governments, businesses and other stakeholders to share good practices, scalable ideas and innovative solutions for circular economy, supported by latest findings of the scientific community. The aim is to facilitate a Leaders' Debate and create a dynamic scene for inspiration and interaction. The Luncheon is by invitation and is extended to all Heads of Delegations.</p> <p>Organizers and Partners: Ministry of the Environment of Finland, Government of Japan, Government of Kenya</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/ministerial-luncheon-innovative-policies-and-solutions-circular-economy or contact: annika.lindblom@ym.fi or ligia.noronha@un.org</p>
<p>Friday, 15 March 15:00 - 18:00: Wrap-up Plenary Session & Closing Plenary of UN Environment Assembly (Conference Room 2)</p>	<p>The Wrap-up Plenary Session will bring together four speakers who will give an inspiring talk, in an informal environment. The speaker will convey their messages in support of the Ministerial Outcome Declaration on innovative solutions for the environment with an emphasis on fostering a culture for accessible innovations to everyone. The Wrap Up Plenary Session will gather Ministers and heads of delegations, as well as leaders from civil society and the private sector. The Wrap-Up Plenary Session will transition into the Closing Plenary of the UN Environment Assembly and will be followed by the closing plenary.</p> <p>The closing plenary is expected to consider a summary of commitments from Governments, the private sector, stakeholders as well as a summary of the Leadership Dialogues and Multi-Stakeholders' Dialogue. The Ministerial outcome document of the high-level segment, integrating key messages from Ministers of Environment, will be presented by the President of the Assembly for consideration. The closing plenary of the fourth session of the Environment Assembly will consider the report of the Committee of the Whole and will consider for adoption outstanding draft resolutions and decisions.</p> <p>For more information, please visit: http://web.unep.org/environmentassembly/ or contact: Hind.ildrissi@un.org, yannis.derbali@un.org or ying.wang@un.org</p>

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Further information:

To download the logistics note for Assembly Participants, please visit: <http://wedocs.unep.org/bitstream/handle/20.500.11822/26891/Logistical%20Note%20-%20UNEA-4%202019.asd%20%28002%29.pdf?sequence=6&isAllowed=y>

For information on how to register (for NGO participants): http://csonet.org/content/documents/Indico_Quick_Guide_for_NGO_Participants.pdf

To register, please visit: <https://reg.unog.ch/event/26989/>

For general questions on private sector participation: unenvironment-privatesector@un.org

For more information, kindly visit: <http://web.unep.org/environmentassembly/>

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