

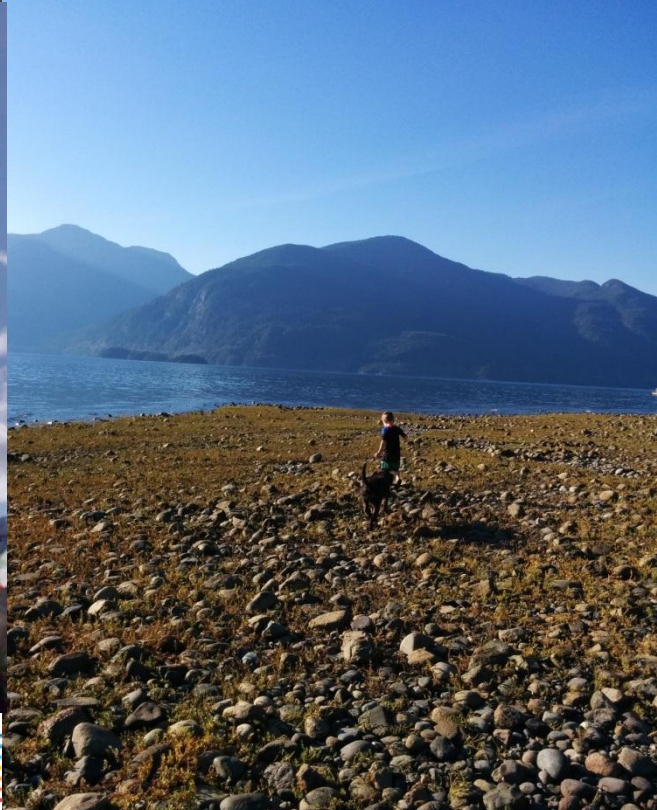
23 -27 May 2016  
Nairobi, Kenya

***A post second session of the  
United Nations Environment  
Assembly (UNEA-2)  
consultation workshop for  
stakeholders in East and  
Southern Africa region***



## Ecosystems Division

1. Protecting, conserving and making use of ecosystems to realize sustainable development
2. Ecosystem based adaptation
3. Marine, freshwater and terrestrial ecosystem management
4. Forests and climate change
5. Biodiversity conservation and sustainable use
6. Etc...





## The Ecosystems Division works to achieve...

1. Change on the ground
2. Capacity Building
3. Education and training
4. Policy solutions
5. Awareness raising
6. Stakeholder engagement

# LIST OF RESOLUTIONS ADOPTED BY THE SECOND SESSION OF THE UNITED NATIONS ENVIRONMENT ASSEMBLY THAT YOUR DIVISION IS IMPLEMENTING

## Resolutions under the Ecosystems Division

- Investing in human capacity for sustainable development through environmental education and training
- Oceans and seas
- Marine plastic litter and micro-plastics
- Sustainable coral reefs management
- Sustainable management of natural capital for sustainable development and poverty eradication



SUSTAINABLE  
DEVELOPMENT

GOALS



# LIST OF RESOLUTIONS ADOPTED BY THE SECOND SESSION OF THE UNITED NATIONS ENVIRONMENT ASSEMBLY THAT YOUR DIVISION IS IMPLEMENTING

## Resolutions under the Ecosystems Division

- **Illegal trade in wildlife and wildlife products**
- **Protection of the environment in areas affected by armed conflict**
- **Mainstreaming of biodiversity for well-being**
- **Combating desertification, land degradation and drought and promoting sustainable pastoralism and rangelands**

## 9 Resolutions



**SUSTAINABLE DEVELOPMENT GOALS**

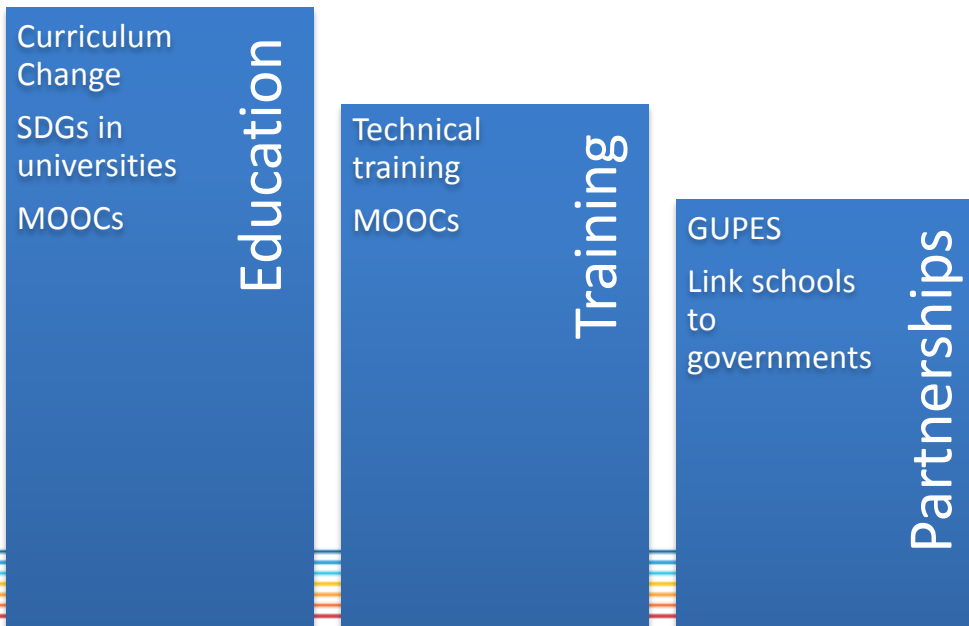


# Investing in human capacity for sustainable development through environmental education and training



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Nairobi, Kenya

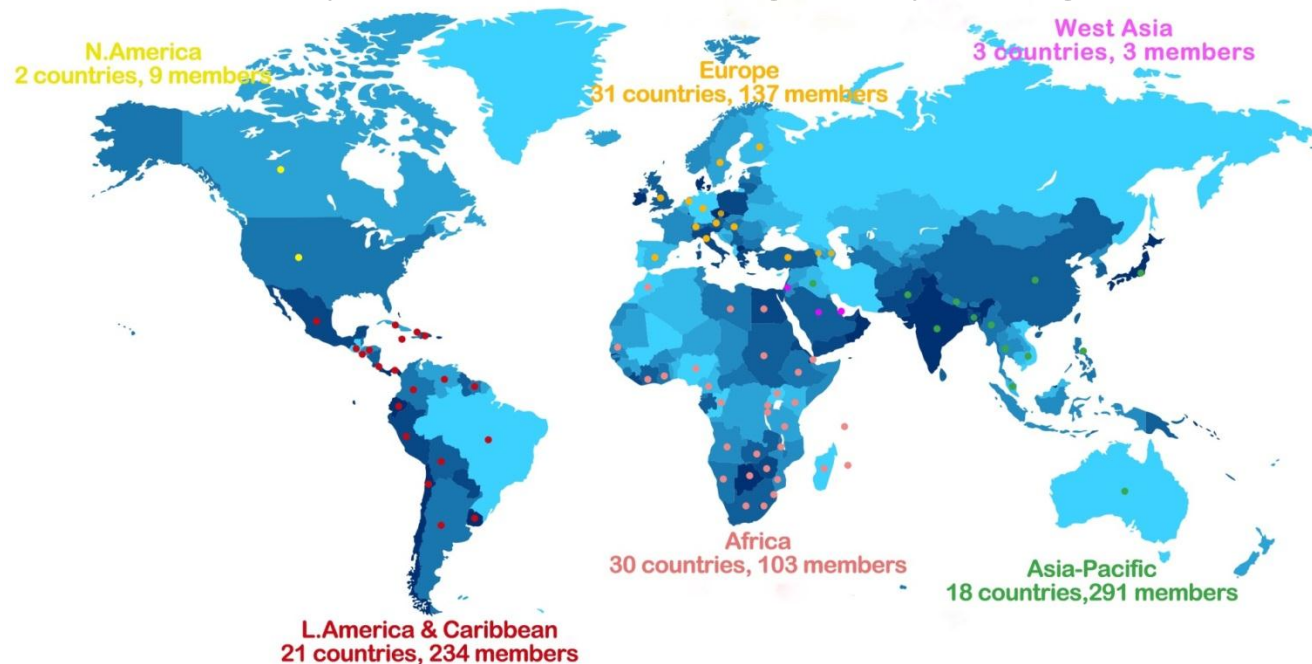
- Enhancing support for education for sustainable development
- Engagement of higher education students and teachers and ministers of education
- Builds on existing networks: GUPES (Global) MESA (Africa)



# Global Universities Partnership on Environment for Sustainability (GUPES)

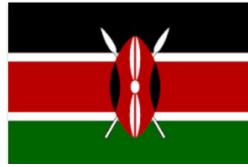


- Established in 2012 to escalate UNEP's engagement with universities;
- Promotes the integration of environment and sustainability into teaching, research, community engagement, management of universities,
- Current membership – 811 Universities globally (1 August 2016)





# Kenya Green University Network (KGUN)



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Nairobi, Kenya

- Network of over 70 Kenyan HEIs aiming at incorporating environment, low carbon-climate resilience development strategies and sustainability aspects in their education, training, campus operations; and enhancing student engagement;
- Help with the adoption of the Greening Universities Toolkit;
- Catalyze and raise profile of the need for more sustainable universities;
- Foster student innovations and acquisition relevant skills in the area of environmental sustainability aimed at ensuring sustainable local communities;



nema  
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UNEP

# KGUN Pillars



## Green Campus

Develop low carbon universities in Kenya;

- Green sustainable campuses;
- Promote innovation, collaborative research & popularization of green architecture;
- Development 'Going Green' Campus culture

## Green Curriculum

Develop & implement a Green Curriculum to engender an environmental conscious generation

- Incorporate of green growth development agenda & sustainability as core units;
- Empower future policy makers

## Students' Engagement

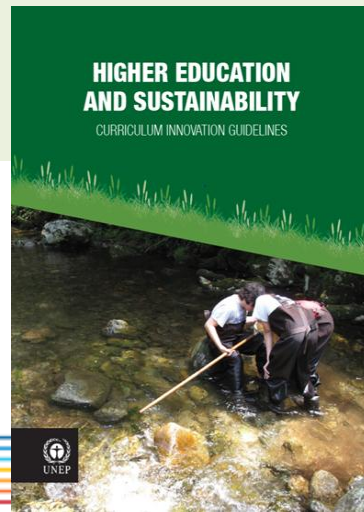
Promote active youth (student) participation & voices in addressing sustainability challenges and offering solutions

- Promote sustainable consumption patterns;
- Influence immediate community through outreach programmes;
- Enhance need based research and capacity development

## Community Engagement

Promote Public– Private partnerships through CSR initiatives & outreach

- Training programs for communities, policy makers & industry on priority
- Utilise non-formal & information education
- Make communities self reliant & productive



# Investing in human capacity for sustainable development through environmental education and training



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- Link to Doha Work Programme
  - UN Alliance to support climate change education
- Articles 11 and 12 in the Paris Climate Agreement
  - Enhance climate change education

# Oceans and seas and Sustainable coral reefs management



23 -27 May 2016  
Nairobi, Kenya

- **Strengthen support for implementation of ocean-related international agreements**
- **Link to regional seas programmes, including in Africa**
- **Increasing ocean acidification and rising temperatures mean most coral reefs in Africa are projected to be extinct long before 4°C warming is reached**
- **In Africa, the fisheries sector employs 12.3 million people as full-time fishers or full-time and part-time processors**

# Oceans and seas and Sustainable coral reefs management



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Nairobi, Kenya

- **Climate change mitigation**
  - 83% of the global carbon cycle is circulated through the ocean
  - Carbon emissions from mangrove deforestation account for up to 10% of emissions from deforestation globally
- **Preamble to Paris Climate Agreement**
  - Need to protect ecosystem including in oceans

# Sustainable management of natural capital for sustainable development and poverty eradication



UNEA

United Nations Environment Assembly  
of the United Nations Environment Programme  
Delivering on the 2030 Agenda



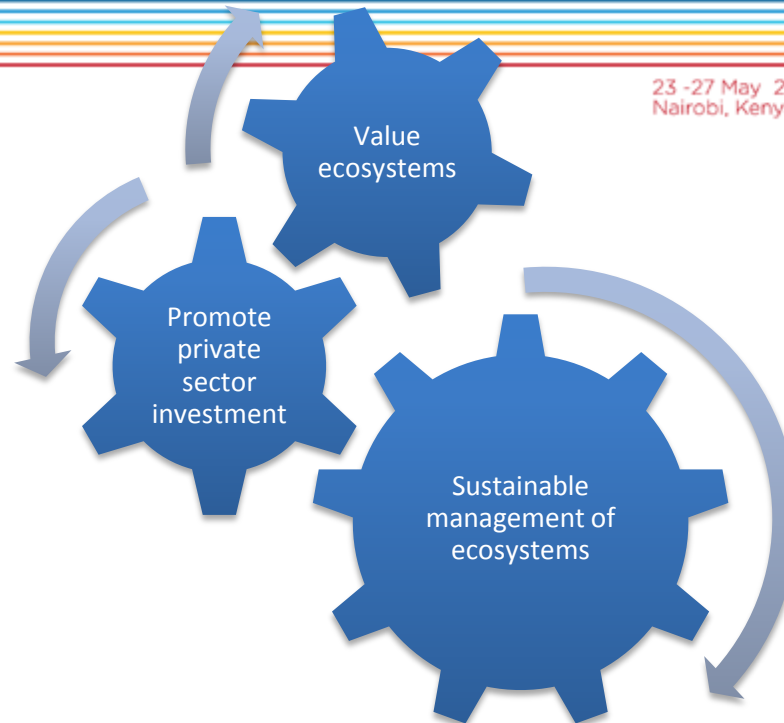
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- **Improve the understanding and recognition of the value of natural capital**
- **Enhance the sustainable management of natural capital**
- **Build public-private partnerships**
- **AMCEN declaration on Africa's Natural Capital: policy action and partnerships to reverse current natural capital losses**
- **Degraded ecosystems cost Africa up to 68 billion dollars annually**

# Sustainable management of natural capital for sustainable development and poverty eradication



23 -27 May 2016  
Nairobi, Kenya



- **Preamble to Paris Climate Agreement**
  - Need to protect ecosystem including in oceans
- **Article 7**
  - Protect vulnerable ecosystems and livelihoods

# CONCLUSION- WHY ENGAGE WITH UNEP?

- Holistic approach to the SDGs and climate change
- Mechanisms are already in place – education, capacity building, training
- I have noticed even people who claim everything is predestined, and that we can do nothing to change it, look before they cross the road. – *Stephen Hawking*







Thank you.