

International Support Network for African Development (ISNAD-Africa)



....raising global and multi-stakeholder support clean energy transition and climate resilience in Africa

ISNAD-Africa: Mentoring for Research Programme

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Founder/Executive Director

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ISNAD-Africa.....sustainable energy, environmental sustainability, and climate resilience

Corporate Presentation: ISNAD-Africa

...raising global and multi-stakeholder support for clean energy transition and climate resilience in Africa

- Facilitate collaborations and partnerships for knowledge transfer
- Build human capacity by raising new generation of sustainable energy, environment and climate experts in Africa
- Increasing environmental literacy among various people groups in African countries
- Stimulate and promote innovations and networking in the areas of focus
- Bridging the gap between education, research and practice in our thematic areas*



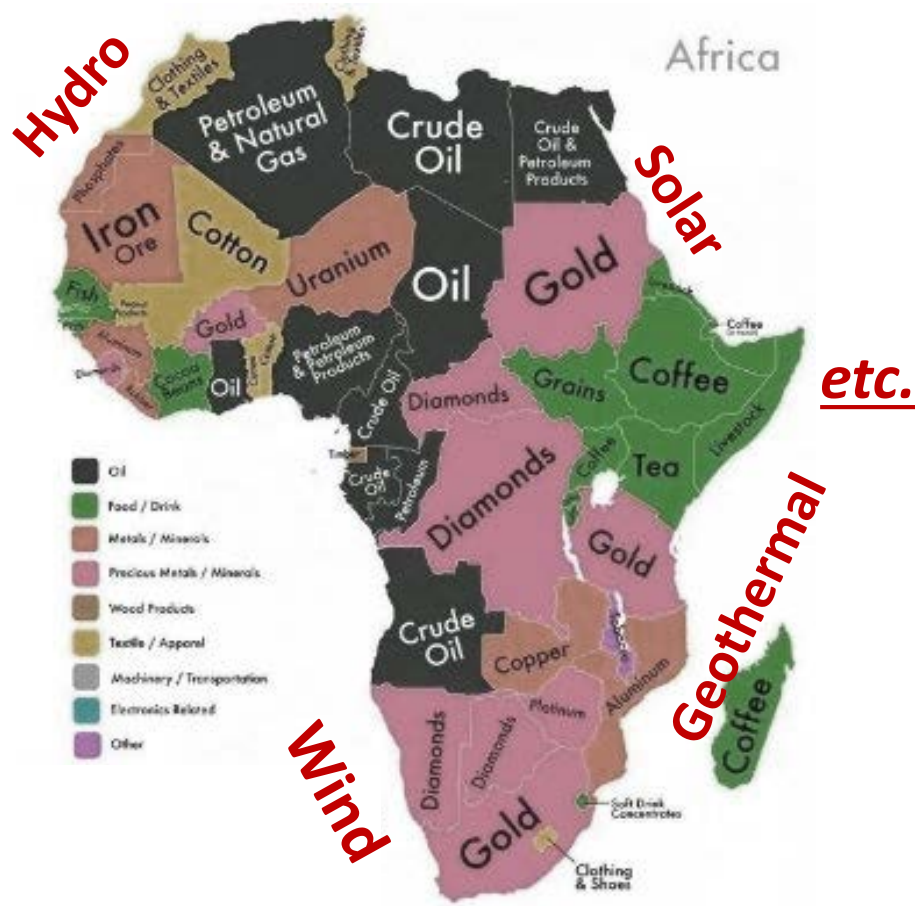
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Stakeholders and Structure

Stakeholders			
Internal Structure	Partnership (Global)	Beneficiaries and Impact (<u>across Africa</u>)	Regulators (Nigeria)
Board of Trustees	Global Network UNFCCC-CTCN Power For All	University students (38 universities, 17countries)	Corporate Affairs Commission (CAC/IT/NO 99790)
Organisational Advisory Board	Support Organisations GGF (USA), CIPSEM (Germany), UW- WISE(Canada), REW (USA), UN Volunteers (Germany), Clean Energy Solutions Center(USA), WWF – Africa (Kenya), UI-CPEEL (Nigeria), UNESCO Chair in Energy for Sustainable Development (Italy)	Secondary (High) School Students (Nigeria, South Africa, Cameroon, Uganda)	Federal Inland Revenue Service (TIN: 20539409- 0001)
Management	Individuals Programme Advisors, Mentors and Resource Persons (over 50 countries)	<i>Still to come:</i> Policy-makers, Professionals among other people groups	EFCC-SCUML (RN: SC 311400411)
Teams			

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Africa is too Rich to be Poor...!



Rich in Natural Resources

Energy Poverty

Low Development Index



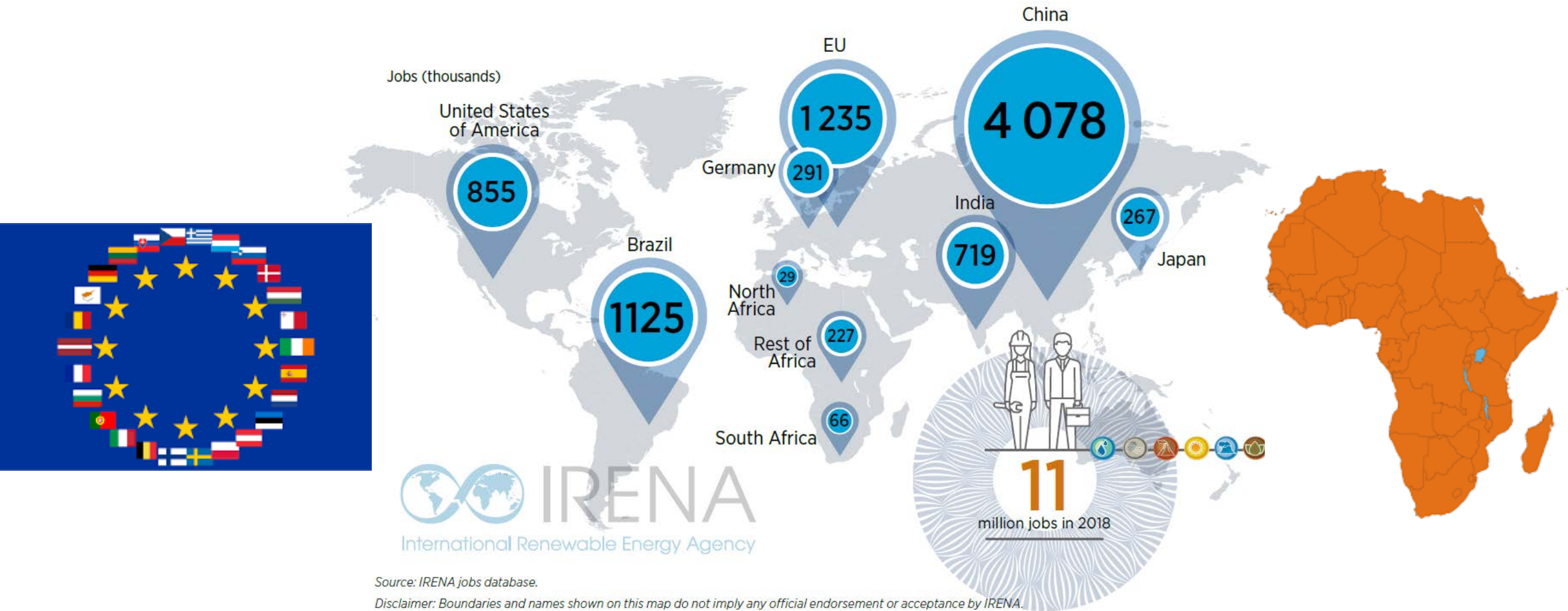
Limiting Creativity and Innovation!

Sub Sahara Africa is the most electricity poor region in the World

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Sit..... Wait.....or Act...?

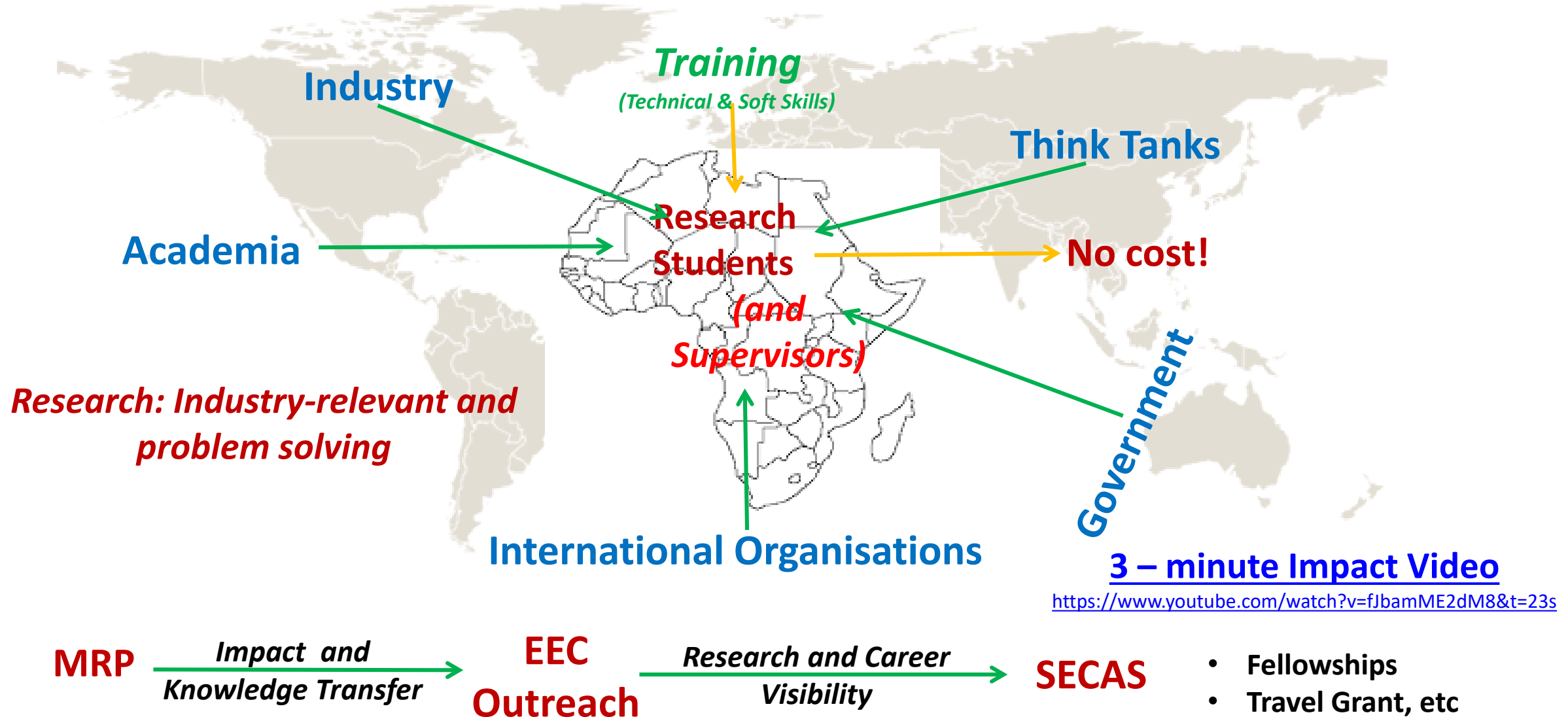
11 million Jobs RE jobs About 3% are in Africa....Need to develop human capacity



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Mentoring for Research Programme

www.isnad-africa.org



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Team of Youth People



Yasmin Khalafallah



Maxine Chikumbo



Agatha Christy Sonma Okoro



Marina Zborowski



Sylvie Tchoumke



Ouddus Busari



Wuraola Okuwobi



Oluwadamilola Pikuda



Enoch Bessah



Tobiloba Adaramati



Victorine Munongo



Aparajita Alam



Amanda Kahunzire



Charles Tumuhe



Temidayo Akinola



Achoroi Aaron



Adekola Adeniran



Charles Bidime Epopa



Oluwaseun Farotimi



Akinleye Folorunsho

Manager (L: Administration, R: Programmes)

Communications Associate

Programme Associate

Advisory Team

ADVISORY BOARD



Professor Howard Alper (Chair)

Distinguished Professor, University of Ottawa,
Ottawa, Canada

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Prof. Emanuela Colombo

UNESCO Chair on Energy for Sustainable
Development

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Prof. Adeola Adenikinju

Director, Centre for Petroleum, Energy
Economics and Law (CPEEL), University of
Ibadan, Nigeria

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PROGRAMME ADVISORS



Prof. John C. Anyanwu

Lead Research Economist, African
Development Bank (AfDB)

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Dr Fridah Kanana Erastus

Senior Lecturer, Department of English and
Linguistics, Kenyatta University, Kenya

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Dr Anna Görner

Managing course director, Centre for
International Postgraduate Studies of
Environmental Management (CIPSEM),
Technische Universität Dresden, Germany

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Mentors' Community

88...Mentors from over 50 countries | Harvard, UCL, IPCC, WWF, Chatham House.,etc




Prof. Venkata Ramayya
Research Interests: Design and Simulation of Renewable Energy Systems, and Biochar-based Climate Change Mitigation Strategies

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Prof. Dr. Eng. Ahmed Hamza H. Ali
Research Interests: Solar Energy Technology, Energy Audit and Energy Efficiency

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Prof. Eilan Morris
Research Interests: Energy Access, Energy Entrepreneurship, Gender and Energy, and Clean Energy Policies

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Prof. Olayinka S. Oshakin
Research Interests: Renewable Energy Technologies, Energy Audits and Modeling, and Energy Efficiency

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Prof. Andy Hira
Research Interests: Climate Change, Renewable Energy, Industrial Policy, Governance

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Prof. Hayley Fowler
Research Interests: Climate change, extreme weather, water resources, natural hazards

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Dr. Hisham Zentifi
Research Interests: Energy Access, Energy and Development, Policy, Regulation, Energy Systems

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Dr. Huang Ha
Research Interest: Climate Change (Policy)

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Ashley Cooper
Areas of Interest: Environmental and Climate Change Photography

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Prof. Donatien Njomo
Research Interests: Solar Energy Engineering, Rural Electrification, Climate Change Mitigation, GHG Emissions Inventory

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Prof. Justin Nathwani
Research Interest: Sustainable Energy (Policy and Risk Management)

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Prof. Matthew Santamouris
Research Interests: High Performance Architecture and Building Energy (Solar Energy and Energy Conservation)

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Prof. Meg Holden
Research Interests: Urban planning and policy, sustainable development in cities and model sustainable neighbourhoods

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Dr. Michael Atchia
Research Interests: Environmental Education, Sustainable Development Education and Sustainable Development

[Read Profile](#)




Dr. Michael MacCracken
Research Interests: Climate Change Impact and Mitigation, Climate Engineering and Global Warming

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Dr. Pradipta Halder
Areas of interest: Energy, Climate change, Education

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David Gibson
Research Interests: Energy Access (Market) and Utility Energy Efficiency

[Read Profile](#)




Dr. Alexandre Strappason
Research Interests: Energy and Climate Change Mitigation, Bioenergy, and Sustainable Land Use

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Prof. Evelia Rivera-Arriaga
Research Interests: Environmental Policy and Governance, and, Impact of Climate on Marine and Coastal Regions

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Prof. Bipasha Baruah
Research Interests: Green Economy; Clean Energy and Gender, Construction, Manufacturing, Transportation

[Read Profile](#)




Prof. Marta Molina
Research Interests: Rural Electrification (Technology), Microgrids and Energy Poverty

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Dr. Ioannis L. Tsiouridis
Research Interests: Renewable Energy Engineering Applications, Climate Change Mitigation

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Gregory Leng
Research Interests: Sustainable Energy and Climate Change

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Dr. Athanasios Digosmas
Research Interests: Sustainable Energy Policy, Economics, Markets and Planning

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Xavier VALLVE
Research Interests: Microgrid Technology, Demand Side Management, Community Development, Integrated Energy Strategies.

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Dr. Susanne Nies
Research Interests: Energy Policy and Energy Economics - Power Generation, Transmission, Distribution and Innovation

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Hibaahy Ibrahim
Research Interest: Solar PV Engineering - Planning, Design, and Installation

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Prof. Akiba Bahi
Areas of Expertise: Water Resources Management, Water Reuse, Agriculture Use of Biosolids in nexus with Energy, Environment and Climate Change

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Prof. Nathalie Tufenkji
Research Interests: Water Resources Management, Clean Water and (Bio)Colloid-Surface Interactions in Aqueous Systems

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Prof. Ambish Chandra FIEE
Research Interests: Renewable Energy Systems (Hybrid, Stand alone and Grid Connected), Power Quality Improvement on Distribution Grid

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Kirsty Hamilton
Research Interests: Renewable Energy - Policy, Investment and Finance

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Dr. William Blyth
Research Interests: Renewable Energy and Climate Change Policy, Emissions Trading and Energy Efficiency

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Dr. Kirsten Davies
Research Interests: Human Rights and the Environment, Climate Law, Community Engagement, Sustainable Development

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Bikitu Labaran
Area of Interest: Environmental Journalism

[Read Profile](#)



George Charley Granvorka
Research Interests: Climate Change, Ecosystems Services, Disaster and Risk Reduction

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Luca Petranolo
Research Interests: Climate Change and Environment Nexus, Sustainable Energy (Policy and Economics)

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Impact Metrics

Cohort	Number of Applicants	Universities	Countries <i>(in Africa)</i>
2018	256	108	22
2019	243	134	25

Cohort	Number of Mentees <i>(MSc & PhDs)</i>	Universities	Countries <i>(in Africa)</i>
2018	37	26	13
2019	20	18	12
Total	57	38	17

Cohort	Number of Mentors	Programme Advisory Board	Countries <i>(globally)</i>
2018	40	3	18
2019	88	3	30

Lessons Learnt

- **Work-Study limit students commitment to research**
- **Timing and short duration of some MSc research**
- **Poor professional online communication skills**
- **Need for research funding and writing trainings**
- **Alignment with calendar of African universities**

Global Relevance and Response

56,142 times by 25,840 visitors 170 countries

Daily traffic from 15-20 countries

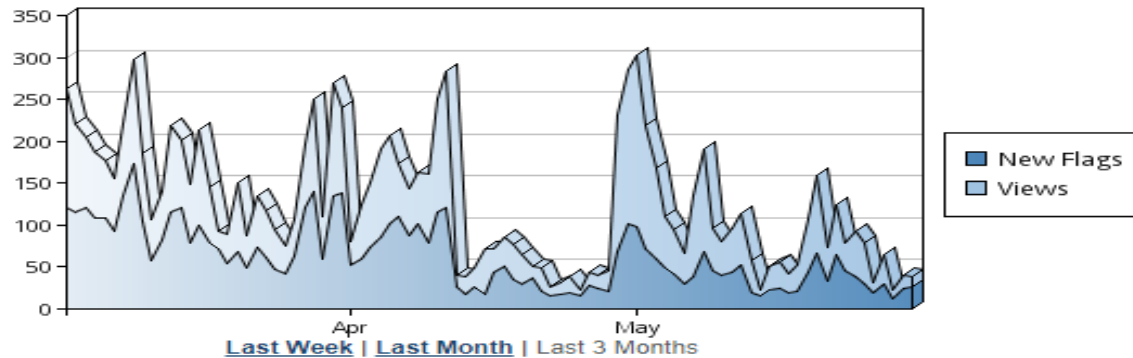


Yesterday's flags | [Last 7 days' flags](#) | [Last 30 days' flags](#)

The following flags were added to your counter yesterday.

Showing countries 1 - 15 of 15. Arrows indicate comparison to the previous day's visitors.

Country	Visitors	Change
1. United States	↑ 11	+10.00%
2. Kenya	↑ 2	+200.00%
3. India	↑ 2	+200.00%
4. Australia	↑ 2	+200.00%
5. Tanzania	↑ 2	+200.00%
6. Belgium	↑ 1	+100.00%
7. Canada	↑ 1	+100.00%
8. Cameroon	↑ 1	+100.00%
9. Nigeria	1	+0.00%
10. Cote d'Ivoire	1	+0.00%
11. Germany	↑ 1	+100.00%
12. Brazil	↑ 1	+100.00%
13. Malaysia	↑ 1	+100.00%
14. Iraq	↑ 1	+100.00%
15. Singapore	↑ 1	+100.00%



This counter has been viewed **56,142 times by 25,840 visitors!**

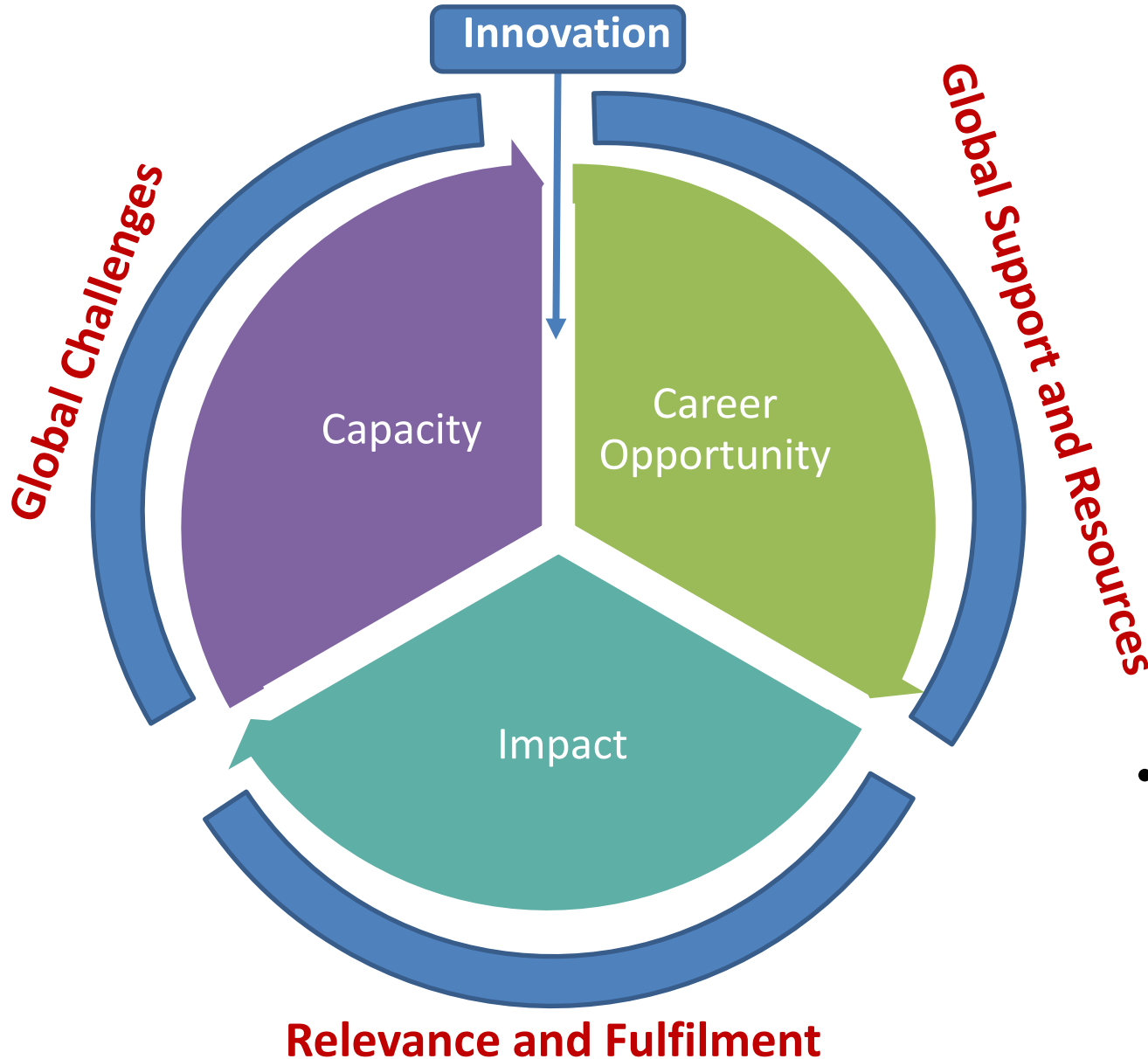
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Environmental Education Programme (EEP)

- Educate young people secondary (high) schools on environmental challenges and foster critical thinking to come up with solutions
- Enlighten and inspire for career in environmental sustainability
- 48 students from South Africa and Nigeria
- Mentees of MRP will also carry out ESI
- Partnering with UN CC: Learn to organise the YCDs in secondary schools in all the five regions in Africa



Career Development Cycle: RE Sector



- Paris Agreement
- UN 2030 Agenda
- **New Deal for Nature and People**
- Increasing interest in the role of youth – Our new Project with WWF and others

Africa is too rich to be poor!...I choose to Act!

*Thank
you*



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