#### **Engineering Programme**

Jing Zhao

Junior Professional Officer; Section for Basic Science, Research, Innovation, and Engineering (RIE)

Division of Science Policy and Basic Science (PBS)

Natural Science Sector

UNESCO HQ; Paris, France

Section for Basic Science, Research, Innovation, and Engineering (RIE):

https://www.unesco.org/en/basic-sciences-engineering/engineering





### Africa Engineering Week (AEW23)

- Opening Ceremony
- Women's Parallel Event
- Youth Parallel Session
- Youth STEM Bootcamp
- Technical Paper Session
- Poster Paper Session
- B2B Parallel Event
- Exhibition Area





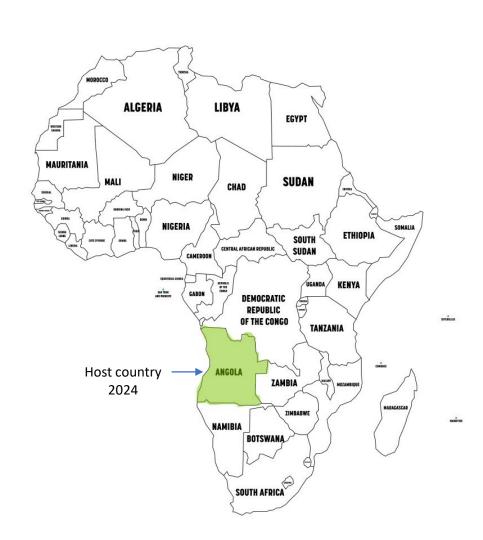




YOUTH STEM BOOTCAMP

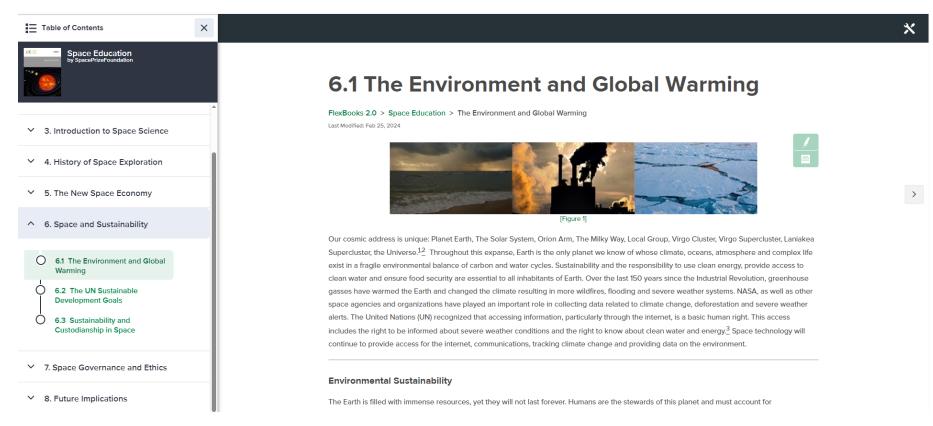
# Africa Engineering Week (AEW24)

- 10<sup>th</sup> AEW
- Main event in Angola (9-13 September 2024)
- In the planning stage
- Continent-wide celebration to raise awareness and build capacities of school and engineering students, early-career engineers
- Entrepreneurship Bootcamp (Early-career Engineers)
  - Participants from at least 10 Member States
  - Mentors & Resource persons from the region through our networks
- Other activities to be confirmed



### Space Education

- Space Education Curriculum
- Training of Teachers
- Pilot online training for teachers in Rwanda ongoing



## **Engineering Report**

- 1. <u>Engineering: issues, challenges and opportunities for development;</u> <u>UNESCO report</u>
- 2. Engineering for sustainable development: delivering on the Sustainable Development Goals
- 3. Upcoming: Flagship Engineering Report
  - Access to data and statistics
  - Peer-reviewing
  - Additional resources
  - Dissemination & Outreach

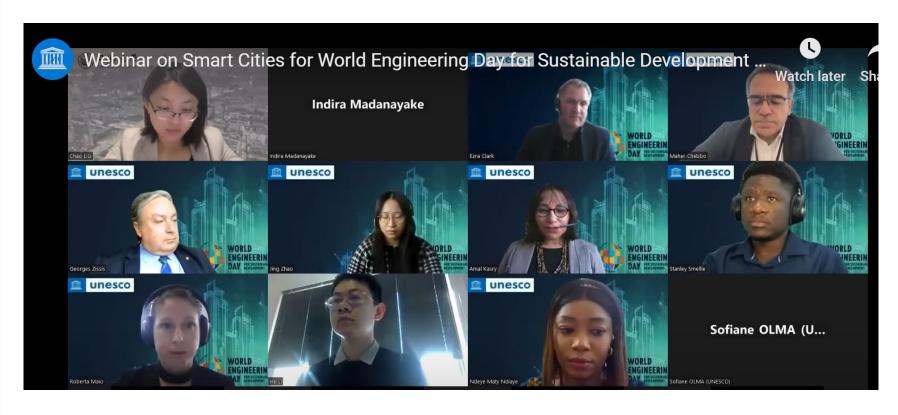


## World Metrology Day (WMD24)

- 42<sup>nd</sup> GC proclaimed 20 May of every as WMD
- First celebration in 2024 with the support of Bureau International des Poids et Mesures (BIPM)
  - <u>Launch Event</u> (14 May 2024)
  - A poster exhibition



#### World Engineering Day for Sustainable Development



- ✓ Webinar
- ✓ In collaboration with WFEO 24-hour stream
- ✓ Hackathon
- ✓ Global events



Winning team of the WED Hackathon

Sponge

Philippines

Ateneo Naga University

