THE FUTURE OF HIGHER EDUCATION

INTEGRATING THE SDGS IN HIGHER EDUCATION

Tuesday, 29 Sept. 2020
2:30pm - 4:00pm CEST
(Paris time)

Charles Hopkins,
UNESCO Chair, Reorienting Education towards Sustainability,
York University

Shakuntala Laskar
Senior Professor
Assam Don Bosco University

Alexander Leicht
Chief of Section, Education for Sustainable Development
UNESCO
Welcome and Introduction

• Welcome:
  *Hilligje van’t Land, IAU Secretary General*

• Introduction: Higher Education and Research for Sustainable Development (HESD) and the IAU Global Cluster on HESD

*Isabel Toman, IAU Programme Officer, Sustainable Development*
IAU Global Cluster on HESD
IAU Global Cluster on HESD

• Launched in 2018; 16 Universities from all world regions lead SDG 1 – 16; IAU leads SDG 17: Partnerships

• 1 common Goal: to bring Sustainable Development in Higher Education and Research forward and to promote the role of universities for Agenda 2030

• Cluster develops innovative multidisciplinary and international collaboration and a holistic approach to the SDGs

• Two concrete objectives:
  • to serve as a resource and networking hub for
    • universities already engaged in SDGs locally and seeking partnerships
    • universities starting to engage with the SDGs and who turn to the Cluster for collaboration/guidance to translate and advance SDGs in local, national and international contexts
  • to serve as a global voice for higher education and sustainable development
IAU Global Cluster on HESD - Satellites in Subclusters

Alexander Leicht

Chief of Section, Education for Sustainable Development, UNESCO
“Education for Sustainable Development: Towards achieving the SDGs (ESD for 2030)”
Education for Sustainable Development: A Roadmap

Societal transformation:
Enable the achievement of the SDGs towards building a more sustainable world

Pedagogy and learning environment:
Employ interactive, project-based, learner-centred pedagogy. Transform all aspects of learning environment through a whole-institution approach to ESD to enable learners to live what they learn and learn what they live.

Learning outcomes:
Empower people to take responsibility for present and future generations and actively contribute to societal transformation.

Learning content:
Integrate sustainability issues, in particular those enshrined in the 17 SDGs such as climate change, into all kinds of learning.

The General Assembly reaffirms education for sustainable development as an integral element of the Sustainable Development Goal on quality education and a key enabler of all the other Sustainable Development Goals.

UN General Assembly Resolution 72/202 (2017)
Education for Sustainable Development aims to raise knowledge, awareness and action in order to:
The implementation of ESD for 2030

Priority Action Areas
1) Advancing Policy
2) Transforming learning environments
3) Building capacities of educators
4) Mobilizing and empowering youth
5) Accelerating sustainable solutions at local level

ACTIVITIES BY MEMBER STATES

Country initiatives
- in the 5 priority action areas
- build on existing efforts on ESD, create a more inclusive multi-stakeholder initiative
- aligned with the national SDGs framework
- education perspective to sustainable development policies and actions (SD)
- SD perspectives in education

UNESCO SUPPORT TO MEMBER STATES

- Country Initiatives on ESD
- Inclusive network of stakeholders
- Tracking issues and trends
- Mobilizing resources
- Monitoring & Evaluation

GLOBAL ACTION PROGRAMME (2015-2019)
NEW FRAMEWORK (2020-2030)
Thank you for your attention

For further information:
future.esd@unesco.org
https://en.unesco.org/themes/education-sustainable-development
Charles Hopkins

UNESCO Chair in Reorienting Education towards Sustainability, York University Toronto, Canada (IAU HESD Cluster SDG 4)
IAU Global Higher Education Cluster to address the 2030 Agenda

**IAU Subcluster on SDG 4**

Focusing on ESD at the core of a quality education and a whole-institution approach towards sustainability:

- Creating executive material on the history of the whole-institution approach, adding best practice experience and proven benefit
- Advising universities and colleges on change strategies in embedding ESD
- Addressing sustainability in student and faculty mobility in higher education
- Enhancing existing network activities of members
York University’s example of a university-wide approach towards the SDGs

York University’s Academic Plan 2020-2025

• Blueprint for action with 6 priority areas to elevate York University’s action to contribute to the UN SDGs
• Addressing a whole-institution approach towards sustainability
• Building on a comprehensive Sustainability Strategy (2017)
• To come: revised Internationalization and Global Outreach Strategy with SDGs as an anchor
UNESCO/UNITWIN Chairs Programme

- Established in 1992 with 700 institutions in 116 countries today
- Promotes North-South, South-South and North-South-South cooperation and networking towards the SDGs
- Chairs = think tanks and bridge-builders between the academic world, civil society, local communities, research and policy-making
- Collaborate to address pressing challenges and contribute to the development of their societies
- Enhancing the capacities of higher education as a community
Shakuntala Laskar
Senior Professor, Assam Don Bosco University, India (IAU HESD Cluster SDG 7)
Eco-Friendly Campus
(SDG 13 & 15)

1. Land utilization
2. Energy conservation
3. Water management
4. Waste management
5. Air quality improvement

Impact Rankings 2020: life on land

Chulalongkorn University (Thailand) 75.4 – 81.3
Delft University of Technology (Netherlands) 73.7 – 78.8
University of Geneva 73.6 – 75.3
University of Vienna 72.2 – 75.3
Green Energy Initiatives
(UNESCO SDG 7 & 13)

- Grid-connected rooftop solar photo-voltaic power projects (2X160 kWp projects in 2 campuses at Azara and Tapesia)
- Micro-Hydel Power Project (Plan for a Micro Hydel Plant of 10 kW generation is under way)
- Energy Conservation measures (Passive architectural design, use of LED lamps, Periodical Energy Audit)
Energy Sustainability
(SDG 7)

Research for energy efficiency
• Solar Cells
• DC Microgrid
• Micro Wind Turbines
• Solar Powered Systems
• Power Optimization
• Generation Scheduling

Conference on New and Renewable Energy (6-7 October 2017)

Webinar by Prof. Izael Da Silva from Strathmore University, Kenya (10 May 2019)

Webinar by Debanjan Borthakur from McMaster University, Canada (12 June 2020)
Service Learning

Procedure of Service Learning
- Course-Based
- Volunteering/Internships
- Self-Placement

Requirement:
- 2 credit course in the First Semester
- Minimum of 200 hours/student
- Minimum of 40 hours/procedure

Evaluation Procedure
100 marks
(60% internal and 40% external)

- Presentation
- Viva Voce Examination
- Reports

Stakeholders
- University
  - Core Committee
  - CDSI
  - Nodal Faculty
  - Students
- Community Partners
  - Agency
  - Communities
  - Organisation

17 Partnerships for the Goals

13 Climate Action
3 Good Health and Well-being
4 Quality Education
5 Gender Equality
6 Clean Water and Sanitation
7 Affordable and Clean Energy
10 Reduced Inequalities
15 Life on Land
Discussion

How can HE contribute to integrate (E)SD strategies in national policies?

How to better equip universities with more theoretical and practical tools to transform teaching, research, and institutional mindset for a more sustainable future?
Thank you for joining us!

Make sure you follow IAU and the speakers:

@IAU_HESD @iau_aiu @VantlandH

https://iau-aiu.net/
https://www.iau-hesd.net/

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Assam Don Bosco University
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UNESCO / ESD for 2030
https://en.unesco.org/themes/education-sustainable-development
www.sdg4education2030.org

@UNESCO @Education2030UN
#ActingTogether4Education #LearningNeverStops
#Education2030

future.esd@unesco.org
Further links and Information

- The International Association of Universities (IAU): [https://iau-aiu.net/](https://iau-aiu.net/) ; [https://www.iau-hesd.net/](https://www.iau-hesd.net/)
- IAU Publication on SDG 13 Climate Action: [https://iau-aiu.net/IMG/pdf/sdg_13_climate_action_compressed-2.pdf](https://iau-aiu.net/IMG/pdf/sdg_13_climate_action_compressed-2.pdf)
- IAU & BBC Storyworks short films: [https://www.iau-aiminghigher.org/](https://www.iau-aiminghigher.org/)
UPCOMING WEBINARS

6 October 2020  Exceptionally 4:00-5:30 pm CEST
LEADING UNIVERSITIES IN AN AGE OF UNCERTAINTY

13 October 2020
The UNESCO GLOBAL CONVENTION ON THE RECOGNITION OF HIGHER EDUCATION QUALIFICATIONS: TOWARDS A GLOBAL & MOBILE KNOWLEDGE ECONOMY?

20 October 2020
DIGITAL DIMENSION: INNOVATION IN TEACHING AND LEARNING: THE FUTURE IS NOW

27 October 2020
HIGHER EDUCATION UNDER EXAMINATION: ARE WE READY TO TRAIN THE FUTURE HEALTHCARE WORKFORCE? PERSPECTIVES FROM THE IAU SDG 3 SUBCLUSTER


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