

Cluster on Sustainable Development Goal #12 Responsible Consumption and Production
Summary of Member Activities
2022-2023

***Activity Report submitted on the 9th of May 2023 for SDG 12: Responsible Consumption and Production,
within the IAU HESD Cluster
Lead: University of Regina, Luther College***

In this report we highlight how SDG12 along with related SDGs are being integrated into our universities through institutional strategy, projects implemented and collaborations since summer 2022. Included are general cluster-wide activities and SDG activities from the satellite universities.

Consumption and Resilience: The Role of Institutes of Higher Education Workshop

In October 2022, the SDG12 Cluster, working with SWITCH-Asia, held a two-hour workshop webinar. It brought together Asian and global experts on sustainable local resilience, educational institutions, and lifestyles to exchange perspectives, experiences, and learning to support the creation of a sustainable and resilient ‘next normal’ in regional and global production and consumption. The goal was to think about how universities could lead or contribute to efforts to build sustainable systems of consumption and production that are equitable, secure, resilient, and that left no one behind. The workshop explored three key features of post-secondary educational institutions resulting from their core goal of investigator-driven pursuit of knowledge, namely their: (1) distinctive governance structures, (2) capacity to attract, generate, and mobilize diverse capitals, and (3) ability to convene and build communities. Each of these 3 higher education features lend themselves to developing just these sorts of systems – particularly with regard to disaster/crisis preparedness, response, and resilience. Both the [video of the workshop](#) and the [webinar backgrounder](#) are available.

Educating for Responsible Consumption and Production and Transformative Technologies Workshop

In April 2023, the SDG12 Cluster, working with the RCE Americas Network and the Association for the Advancement of Sustainability in Higher Education, hosted a two-hour workshop. It was part of a larger course entitled “[Localizing the UN SDGs through Education, Training and Regional Collaboration](#)”. The event introduced key elements of SDG12, including a definition of sustainable consumption and production (SCP) and reviewed the targets of SDG12. Four case study presentations highlighted (1) education for cradle-to-cradle technologies in rural Kenya, (2) professional education for engineers in collaborating to address housing issues with Indigenous communities in Canada, (3) community education to promote sustainable lifestyles in Colombia, and (4) education for a “whole region” including strategic letter writing to government officials in Canada to promote SCP. The following individual members of the cluster presented: Rose Ramkat, Moi University “Community Initiatives on Responsible Consumption and Production”, Diana Carolina Páez, El Bosque University “Education for Sustainable Lifestyles project”, Roger Petry, Luther College at the University of Regina “A Whole Region & Humanist Approach to SDG12”.

1. University of Regina and Luther College (SDG12 Co-Lead Institutions)

- The University of Regina mobilized nine cross-cutting teams of faculty, staff and students using the SDGs to develop key project ideas to be built into a five year [Sustainability Action Plan](#) that was approved in 2022. This work was led through the commitment to sustainability in the University’s strategic plan and the President’s Advisory Committee on Sustainability. It has a strong focus on understanding that sustainability is rooted in social justice and takes into account environmental, economic, cultural, social and personal wellbeing, including Indigenization.

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- University of Regina Vice-President (Research) Dr. Chris Yost was a University leadership panelist discussing higher education and research for sustainability at the IAU HESD Global Cluster Meeting in April 2023.
- Luther College developed its strategic plan [Strategic Plan: Vision 2025](#) and sustainability is one of the five pillars. Specific prioritized initiatives include advancing Responsible Consumption and Production (e.g., creating a maker space with shared equipment).
- Luther College's Nonprofit Voluntary Sector Studies Network is working with the City of Regina and a local group to possibly embed the SDGs into the City's strategic measurements and local indicators.

2. **Pontifical Catholic University of Peru:**

- The University held the "Life Cycle Assessment of Food International Conference" in October 2022. The conference theme was the role of emerging economies in global food security and focused on topics related to food science, life cycle assessment, industrial ecology and food security. For more details, visit [the website](#), [proceedings](#), [conclusions](#) and [presentations](#).
- INTE-PUCP, also known as the Institute for Nature, Earth and Energy, publishes *Kawsaypacha Journal: Society and Environment*, on the relationship between society and environment from different perspectives. In October 2022, INTE-PUCP hosted the [11th Kawsaypacha Environmental Reflection Table](#) to address environmental justice issues. It consisted of four sessions on climate vulnerability, water and climate, environmental crimes and closing discussions.
- In September 2022, INTE-PUCP helped to organize [PUCP Sustainable Mobility Week](#). The initiative aimed to advance cycling, public transportation, carpooling and walking, to promote awareness of ecological and social footprints, and to encourage action.
- INTE-PUCP is working on the [Sustainable Campus Project](#), which promotes environmental sustainability through education and management, and involves students, faculty and administrators. The goal is to minimize resource consumption in infrastructure, foster an active socio-environmental academic culture, and promote sustainable interactions with stakeholders.

3. **University of Vechta:**

- The University is reviewing how it heats campus buildings to be more independent from gas, and changing the energy structure/system e.g. transition to green energy.
- The University's return to face-to-face learning from virtual teaching included discussions of sustainable consumption and production, in addition to didactical considerations.
- Cluster members Detlev Lindau-Bank (University of Vechta) and Kenneth Ochoa (El Bosque University) developed a form to capture university best practices on SDG12. The form is intended to help the cluster share what sustainable consumption and production projects are taking place on our respective campuses and encourage collaboration.
- An abstract proposal was developed by Detlev Lindau-Bank on the university as a living laboratory for sustainable consumption and production.

4. **Universiti Sains Malaysia:**

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- Waste management is a top priority for the school. The University has a waste management framework for all three of its campuses. It was launched in 2022, which is sustainability month at USM.
- The University has a sustainability roadmap for five years, and SDG12 is one of the key areas.
- USM is collaborating with local council and a waste management agency for a campus landfill to properly manage solid waste and recycling. The landfill will serve as a visible resource. Phase 1 of the recycling centre has been completed (roof, etc). A bamboo fence has been set up this year. The centre will be used to promote recycling on campus.
- An oil recycling program has been launched with a small centre to collect used oil.

5. **Moi University:**

- The University is advocating for renewable energy e.g., biogas and solar panels, and even assisted four schools in installing biogas systems.
- The University is minimizing/cutting down on waste e.g., virtual meetings and encourages online teaching and the sharing of resources such as facilities, equipment, and boardrooms. Instead of every school having a fully-equipped boardroom, they can book shared boardrooms to cut down on duplicating equipment and spaces, and help to cut expenses. Lab equipment such as FTIR, analytical and chemistry equipment are shared.
- There is a project to develop and review environmental hot spots in Kenya i.e future sustainability challenges of the sector related to thread and textile processing and manufacturing of fabrics, such as the carbon footprint from transportation (import/export).

6. **El Bosque University:**

- The University's new President is working on sustainable development.
- Courses are being developed for public servants on the circular economy for waste management. Presentations will take place over the coming year.
- Sustainable consumption and production calls have been issued for experts to work with the UN, and is open to participation from the satellite regions to consult with experts.
- A sustainable lifestyles survey was conducted. They are developing an expert meeting to validate the survey results.

SDG 12 Satellite Partner Universities and Institutional Leads:

University of Regina, Luther College (Canada): Jocelyn Crivea, Roger Petry (Cluster Leaders), Pontifical Catholic University of Peru (Peru), Moi University (Kenya), University of Vechta (Germany), El Bosque University (Colombia), Universiti Sains Malaysia (Malaysia)

Informal and Theme-based Affiliated Institutions:

Nalanda University (India), EU-SWITCH Asia SCP Facility