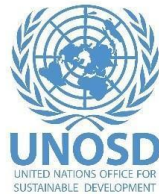




Ministry of
Environment



Syllabus and Participant Guide

5th Sustainable Development Goals Youth Summer Camp

17 – 20 August 2021, Online (Zoom)

Organized by the United Nations Office for Sustainable Development (UNOSD) of the UN Department of Economic and Social Affairs (UN DESA), the Ministry of Environment (MoE) of the Republic of Korea, and the Korea Environment Corporation (K-eco) in partnership with the Design Factory Korea (DFK) of Yonsei University.

1. Rationale

Since the adoption of 17 Sustainable Development Goals (SDGs) of the 2030 Agenda for Sustainable Development in September 2015, UN Member States have taken voluntary actions to achieve this transformative agenda. However, the rate of global progress is not keeping pace with the aspirations of member states, and societies are still confronted with daunting challenges such as climate change, inequality, environmental degradation, energy crises, lack of or weak public services and most recently, a global pandemic that has threatened to delay progress on the Global Goals. To tackle these problems, it is imperative for stakeholders at all levels to accelerate collective initiatives and actions. But one stakeholder – today's youth is of primary importance in forging the leadership, ideas, energy and hope to demand change and build constructive solutions to these challenges.

As UN Secretary-General Antonio Guterres said, young people hold the key to creative solutions, and as digital natives, they can drive innovation and accelerate progress. Young people are essential partners for development as they amplify outreach and multiply impact.¹ Actively engaging youth and shaping their knowledge, skills and mindsets for sustainable development is vital to the successful implementation of the 2030 Agenda in the Decade of Action.

Acknowledging the role of youth in sustainable development, organizations and governments alike have established strategies to raise youth's awareness and capacity for the SDGs. For instance, "Youth 2030: The United Nations Youth Strategy" was launched in 2018 by the UN Secretary-General. It seeks to strengthen and increase commitments from global to national levels to empower youth's capacity and contributions for the SDGs. The UN also has a youth network, Sustainable Development Solutions Network (SDSN) Youth, for conducting peer-learning programmes to improve youth engagement and knowledge. With more opportunities to pioneer innovative solutions to address the world's biggest challenges, young people can be a major driving force for the implementation of the SDGs.

In this context, UNOSD has developed the capacities of youth on Sustainable Development since the office's inception a decade ago. With the adoption of the 2030 Agenda for Sustainable Development in 2015, UNOSD began organizing SDGs Youth Summer Camps to empower youth leaders to think critically and get engaged in implementing the Goals. The SDGs Youth Summer Camps have been organized with over 150 youth trained thus far.²

2. Objectives

The objectives of the SDGs Youth Summer Camp will include, but are not limited to the following:

- Build and enhance knowledge of selected youth on the 2030 Agenda for Sustainable Development;
- Foster youth leadership skills, with design-thinking, critical-thinking, and engagement through dialogues and exercises on SDG implementation specifically on SDG 12 (Responsible Consumption and Production);

¹ Retrieved from: [Deputy Secretary-General's video message on the Initiative for Revival and Sustainable Development 2021: Youth Empowerment Initiative Webinar | United Nations Secretary-General](#)

² UNOSD has organized four Summer Camps thus far, with the following number of participants per session, 2017 included 37 youth participants, 2018 included 40 youth participants, 2019 included 41 youth participants and 2020 included 41 youth participants. In total, 159 youth participants were trained through these events.

- Provide opportunities for networking among youth; and
- Expand the host institution's partnership with youth leaders for the SDGs.

3. Methodologies

The 5th SDGs Youth Summer Camp will take place with a fully virtual learning methodology, using Zoom to enable and strengthen youth engagement. To maximize the effectiveness of the training, this year's Camp will focus on SDG 12 (Responsible Consumption and Production).

The learning process for the camp will use a Design Thinking methodology for a user-centric approach in developing accelerated solutions. Through this methodology, youth will contribute to SDG implementation by understanding users, redefining problems and creating innovative solutions. The design thinking approach allows participants to develop empathy, systems-thinking, and critical-thinking skills, while also developing ideation or creative thinking, collaboration, negotiation, evaluation, advocacy, and other essential leadership skills.

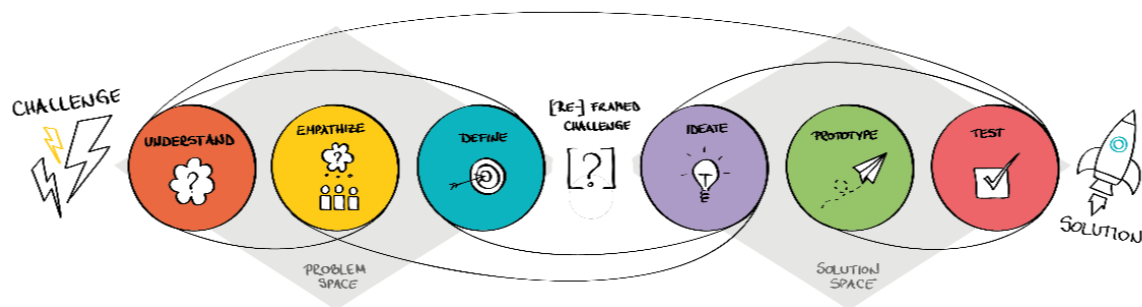


Figure 1. Stanford D-School Design Thinking Methodology to Develop Effective Solutions in the Decade of Action³

4. Learning Outcomes

After taking part in the 5th Youth SDGs Summer Camp, students will be able to

- Communicate on the role of youth in implementing the 2030 Agenda for Sustainable Development and its 17 Sustainable Development Goals
- Gain knowledge on SDG 12 and its interlinkages with other SDGs
- Describe the steps of the design thinking methodology and how design thinking can accelerate effective SDG implementation
- Apply design thinking to the development of prototype solutions to advance the SDGs

5. Participants

Those who are born between 1993 and 2003 are eligible to apply regardless of their nationalities by submitting application forms and supplementary documents posted on the organizers' websites. English proficiency is required among applicants.

Participants should currently be residing in the Republic of Korea. The organizers will select a maximum of 40 participants based on their motivation, capacities and English proficiency while aiming for gender and geographical balance.

6. Structure and Agenda

Given the current impact of the COVID-19 pandemic and social distancing measures imposed by the national and the local authorities, the 5th SDGs Youth Summer Camp will be held fully online using Zoom.

Experts from international organizations, academia and government will share their insights on the SDGs and facilitate productive dialogues. The session that involves design thinking methodology will

³ Integrated Consulting Group. Design Thinking Methodology. Retrieved from <https://www.integratedconsulting.eu/insights/design-thinking/>

be taught by the professors and the teaching assistants from Design Factory Korea of Yonsei University, who are highly specialized in the teaching method. It will ensure the Summer Camp's overall quality and motivate the participants to be fully engaged in their roles as inventors and innovators for the SDGs solutions and implementation.

Each session will include group work which will allow participants to be highly interactive and share creative ideas and critical thinking on developing a more practical approach to the SDGs implementation. All sessions will be conducted in English.

Agenda (Tentative)	
Day 1 (Tue), 17 August	
Time	Content
10:00-10:30	<p>Opening and Welcome Remarks</p> <ul style="list-style-type: none"> Mr. Chun Kyoo Park, Head of Office, UNOSD Mr. Yeon Seob Ha, Vice-President, Yonsei University Mr. Park Chan-ho, K-eco <p>Moderator</p> <ul style="list-style-type: none"> Ms. Yujeong Kim, Senior Development Management Expert, UNOSD
10:30-11:00	<p>Session 1: Overview of SDGs and the Decade of Action to Accelerate Progress and the Role of Youth</p> <ul style="list-style-type: none"> Intro to UNOSD and Overview of SDGs (UNOSD) Intro to Design Thinking (DFK) Q&A <p>Speakers</p> <ul style="list-style-type: none"> Ms. Youngeun Choi, Associate Research and Policy Development Expert, UNOSD Prof. Younah Kang, Director, Design Factory Korea, Yonsei University Prof. Semee Yoon, Associate Director, DFK, Yonsei University <p>Moderator</p> <ul style="list-style-type: none"> Ms. Yujeong Kim, Senior Development Management Expert, UNOSD
11:00-11:10	Break
11:10-11:50	<p>Session 2: Invited Lecture on SDG 12 – Sustainable Consumption and Production</p> <ul style="list-style-type: none"> 30-minute lecture, 10-minute Q&A session <p>Speaker</p> <ul style="list-style-type: none"> Ms. Sara Castro Hallgren, Economist, UN Resident Coordinator System
11:50-12:30	<p>Session 3: Youth Case on SDG 12 Responsible Consumption and Production</p> <ul style="list-style-type: none"> Cases on Youth-led solutions in the real world 30-minute lecture, 10-minute Q&A session <p>Speaker</p> <ul style="list-style-type: none"> Mr. Jichen Liu, Founder and CEO, Clear Plate
12:30-13:30	Lunch
13:30-14:10	<p>Session 4: Korean Policies on Circular Economy</p> <ul style="list-style-type: none"> 30-minute lecture, 10-minute Q&A session <p>Speaker</p> <ul style="list-style-type: none"> Ms. Youngjoo Baek, Senior Manager, Dep of Resource Recirculation, K-eco
14:10-14:50	<p>Session 5: Call to Action to Build Back Better</p> <ul style="list-style-type: none"> Climate-Resilient Recovery from COVID-19 Latest trends in SDG 12

	Speaker <ul style="list-style-type: none"> Prof. Semee Yoon, UIC, Yonsei University
14:50 – 15:00	Break
15:00-16:10	Session 6: Empathize in Groups <ul style="list-style-type: none"> Design Thinking Step 1: Empathize with users Overall Theme of SDGs: What does it mean in the global, national and local context? Speaker <ul style="list-style-type: none"> Prof. Hyunkyung Lee, UIC, Yonsei University Prof. Semee Yoon, UIC, Yonsei University
16:10-16:15	Break
16:15-17:00	Session 7: Share Group Empathy maps <ul style="list-style-type: none"> Share teams' empathy maps (Facilitator <ul style="list-style-type: none"> Prof. Hyunkyung Lee, UIC, Yonsei University Prof. Semee Yoon, UIC, Yonsei University
Day 2 (Wed), 18 August	
Time	Content
10:00-11:00	Session 1: Design-thinking for the SDGs Revisited <ul style="list-style-type: none"> Defining the Problem for Ideation Part Examples of SDG12 Facilitators <ul style="list-style-type: none"> Prof. Semee Yoon, UIC, Yonsei University Prof. Hyunkyung Lee, UIC, Yonsei University
11:00-12:00	Session 2: Define exercise in Groups <ul style="list-style-type: none"> Goal: make the problem statement Facilitators <ul style="list-style-type: none"> Prof. Semee Yoon, UIC, Yonsei University Prof. Hyunkyung Lee, UIC, Yonsei University
12:00-13:00	Lunch
13:00-13:30	Session 3: Ideate based on group research - Ideating for successful SDG implementation <ul style="list-style-type: none"> Goal: Solution scenario that describes your product/service Facilitators <ul style="list-style-type: none"> Prof. Younah Kang, UIC, Yonsei University Prof. Keeheon Lee, UIC, Yonsei University
13:30-15:30	Session 4: Ideate - group work <ul style="list-style-type: none"> Goal: Solution scenario that describes your product/service Facilitators <ul style="list-style-type: none"> Prof. Younah Kang, UIC, Yonsei University Prof. Keeheon Lee, UIC, Yonsei University
15:30-17:00	Session 5: Pitch #1 <ul style="list-style-type: none"> Share results from Empathy & Ideation Facilitators <ul style="list-style-type: none"> Prof. Youn-ah Kang, UIC, Yonsei University Prof. Keeheon Lee, UIC, Yonsei University

	<ul style="list-style-type: none"> • Prof. Hyunkyung Lee, UIC, Yonsei University • Prof. Semee Yoon, UIC, Yonsei University
Day 3 (Thu), 19 August	
Time	Content
10:00-11:00	Session 1: Prototyping Solutions <ul style="list-style-type: none"> • Prototyping for the SDGs - How? Speaker <ul style="list-style-type: none"> • Prof. Keeheon Lee, UIC, Yonsei University • Prof. Younah Kang, UIC, Yonsei University
11:00-12:00	Session 2: Prototyping Solutions Innovation for SDG 12- Ensuring Sustainable Consumption and Production – Sustainable by Design <ul style="list-style-type: none"> • Break-out groups Speaker <ul style="list-style-type: none"> • Prof. Keeheon Lee, UIC, Yonsei University • Prof. Younah Kang, UIC, Yonsei University
12:00-13:00	Lunch
13:00-13:50	Session 3: Testing <ul style="list-style-type: none"> • Lecture and Break-out groups Speaker <ul style="list-style-type: none"> • Prof. Keeheon Lee, UIC, Yonsei University • Prof. Younah Kang, UIC, Yonsei University
13:50-14:00	Break
14:00-14:30	Session 4: Guest Speaker Speakers <ul style="list-style-type: none"> • Mr. Wai Kit Si Tou (Jackie), Associate Social Affairs Officer, UN ESCAP
14:30-14:40	Break
14:40-16:00	Session 5: Pitch #2 <ul style="list-style-type: none"> • Share results from Prototype and Testing Facilitators <ul style="list-style-type: none"> • Prof. Younah Kang, UIC, Yonsei University • Prof. Keeheon Lee, UIC, Yonsei University • Prof. Hyunkyung Lee, UIC, Yonsei University • Prof. Semee Yoon, UIC, Yonsei University
Day 4 (Fri), 20 August	
Time	Content
10:00-12:00	Session 1: Preparation for final --reiterate and refine <ul style="list-style-type: none"> • Reiterate and refine • 10-minute lecture, 110-minute preparation Facilitators <ul style="list-style-type: none"> • Prof. Younah Kang, UIC, Yonsei University • Prof. Keeheon Lee, UIC, Yonsei University • Prof. Hyunkyung Lee, UIC, Yonsei University • Prof. Semee Yoon, UIC, Yonsei University
12:00-13:00	Lunch
13:00-14:30	Final Group Presentation <ul style="list-style-type: none"> • 10 minutes per group

	<p>Judges</p> <ul style="list-style-type: none"> • Ms. Yujeong Kim, Senior Development Management Expert, UNOSD • Mr. You Jeen Nam, Manager, Korea Environment Corporation • Prof. Jae-Yun Ho, Creative Technology Management at UIC, Yonsei University <p>Facilitator</p> <ul style="list-style-type: none"> • Prof. Younah Kang, UIC, Yonsei University • Prof. Keeheon Lee, UIC, Yonsei University • Prof. Hyunkyung Lee, UIC, Yonsei University • Prof. Semeo Yoon, UIC, Yonsei University <p>Moderator</p> <ul style="list-style-type: none"> • Ms. Youngeun Choi, Associate Research and Policy Development Expert, UNOSD
14:30-15:00	<p>Break</p> <ul style="list-style-type: none"> • Judges Deliberate
15:00-16:00	<p>Award Ceremony and Closing Remarks</p> <ul style="list-style-type: none"> • Statements by Judges • Presentation of Awards <ul style="list-style-type: none"> - Mr. Chun Kyoo Park, Head of Office, UNOSD - Reflections from Awarded Group (group leader) • Closing Remarks <ul style="list-style-type: none"> - Mr. Chun Kyoo Park, Head of Office, UNOSD - Prof. Youn-ah Kang, Director, DFK, Yonsei University <p>Moderator</p> <ul style="list-style-type: none"> • Ms. Youngeun Choi, Associate Research and Policy Development Expert, UNOSD

7. Organizers

This event will be organized by UNOSD, the Ministry of Environment of the Republic of Korea, Design Factory Korea of Yonsei University, and the Korea Environment Corporation.

8. Background Readings

Required

- Design Thinking and SDG-12 Learning Brief (shared as an attachment)
- Sustainable Development Goals, Targets, and Youth (shared as an attachment)
- Foundational Primer on the 2030 Agenda for Sustainable Development. Accessed at: <https://unsdg.un.org/sites/default/files/2019-11/UNSDG-SDG-Primer-Report.pdf>
- The Field Guide to Human-Centered Design (IDEO, 2015) (shared as an attachment)
- United Nations Global Sustainable Development Report Press Release and Infographics (2019) Accessed at: <https://sustainabledevelopment.un.org/globalsdreport/2019#media>
- The Sustainable Development Goals Report 2021. Accessed at: <https://unstats.un.org/sdgs/report/2021/>
- United Nations (2021) Long-term future trends and scenarios: impacts in the economic, social and environmental areas on the realization of the Sustainable Development Goals (May 2021). Accessed at: <https://undocs.org/en/E/2021/61>
- United Nations (2020) Long-term future scenarios and the impact of current trends on the realization of the Sustainable Development Goals (May 2020). Accessed at: <https://undocs.org/en/E/2020/60>
- United Nations (2020) Political declaration of the high-level political forum on sustainable development convened under the auspices of the General Assembly (October 2019) (A/RES/74/4). Accessed at: <https://undocs.org/A/RES/74/4>
- Cserhati, Agnes (2019) The Power of Innovation and Design Thinking in Implementing the 2030 Agenda for Sustainable Development. United Nations System Staff College. Accessed

at: <https://www.unssc.org/news-and-insights/blog/power-innovation-and-design-thinking-implementing-2030-agenda-sustainable/>

Videos

- United Nations (2018) "Do you know all 17 SDGs?"
<https://www.youtube.com/watch?v=0XTBYMfZyrM>
- UNDP – "This is how the UN moves the SDGs from paper to practice"
<https://www.youtube.com/watch?v=TH8lsHLQ2mQ>

Optional Readings and Resources

- United Nations (2021) ministerial declaration of the high-level segment of the 2021 session of the Economic and Social Council on "Sustainable and resilient recovery from the COVID-19 pandemic that promotes the economic, social and environmental dimensions of sustainable development: building an inclusive and effective path for the achievement of the 2030 Agenda in the context of the decade of action and delivery for sustainable development". Accessed at: https://sustainabledevelopment.un.org/content/documents/275792021_MD_REVISION_1_MAY.pdf
- United Nations (2021) Report of the Secretary-General. Progress towards the Sustainable Development Goals (April 2021). Accessed at: <https://undocs.org/en/E/2021/58>
- United Nations (2020) Report of the Secretary-General. Accelerated action and transformative pathways: realizing the decade of action and delivery for sustainable development Accessed at: <https://undocs.org/en/E/2020/59>
- SDG Acceleration Actions. Sustainable Development Knowledge Platform. Accessed at: <https://sustainabledevelopment.un.org/sdgactions>

9. Additional Online Tools

Mural is a web-based online digital workspace for visual collaboration. The program is fee-based, but Design Factory Korea of Yonsei University will sponsor each team's workspace throughout the camp (<https://www.mural.co/>).

*Each team is advised to identify and coordinate the best avenue to share ideas such as Kakaotalk or Whatsapp.

10. Online Course Dos and Don'ts

Please do:

- Test your computer audio and video before you join a session (please use desktop or laptop instead of mobile phones)
- Mute microphones during presentations (however, keep your videos on at all time)
- Use 'raise hand' function before asking questions during Q&A session and raise a question once your name is called upon
- Type in any questions to speakers on chatbox
- Use your designated first & last name and email address (the one you used for the application) in registering for the Zoom session.
- Focus on the Zoom session, there is a function that shows participants' attentiveness
- Abide by the **UN Values (Integrity, Professionalism, Respect for diversity)** during the entirety of the course, including group discussions and offline peer to peer engagement

Please don't:

- Quit in the middle of the session
- Claim host when you join the Zoom session
- Unmuting yourself while the presentation is undergoing
- Attend class/session while driving or riding in a moving vehicle
- Use profanity or offensive language
- Use emoji function
- Writing irrelevant questions and inappropriate comments on chatbox
- Send unsolicited or inappropriate private messages to others during the sessions

11. Criteria for Final Presentations and Evaluation (TBD)

Creativity/ Innovativeness	The innovativeness of the idea to solve an evidence-based problem or issue
Compatibility	The compatibility of the idea to the 2030 Agenda and the Sustainable Development Goals and specific targets
Plausibility	The applicability and feasibility of the solution for practical implementation to accelerate the SDGs
Process	The application of the Design Thinking Methodology throughout the whole design process
Influence/Pitch delivery	The ability of the presentation and presenters to captivate and persuade the audience

12. Contact information

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