



Syllabus and Participant Guide

6th Sustainable Development Goals Youth Summer Camp

16 – 19 August 2022

Yonsei University International Campus, Incheon, Republic of Korea

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 at the United Nations General Assembly, 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 the member states, and societies are still confronted with daunting challenges such as climate change, inequalities, environmental degradation, energy crises, lack of public services, and most recently, COVID-19 pandemic that has drastically impacted societies at all levels. To address these problems, it is imperative for all stakeholders to take immediate action and accelerate initiatives. At this decade of action, one stakeholder – ‘Youth’ is of primary importance in forging leadership, ideas, momentum, and hope to facilitate change and build constructive solutions.

According to UN Secretary-General Antonio Guterres, 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 Thus, youth actively striving to further advance 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 to enlarge the youth’s participation in peace and security, human rights, and sustainable development. It also seeks to strengthen the UN’s capacity to engage young people and learn from their innovative views, insights, and ideas in more ‘coordinated, coherent, and holistic manner’². 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 the SDGs Youth Summer Camps annually to empower youth leaders to think critically and get engaged in implementing the SDGs. Since its first summer camp in 2017, UNOSD trained nearly 200 youth thus far³.

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;

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 Retrieved from: <https://www.unyouth2030.com/about>

³ UNOSD has organized four Summer Camps thus far, with the following number of participants per session: 37 participants in 2017, 40 participants in 2018, 41 participants in 2019, 41 participants in 2020, and 38 participants in 2021. In total, 197 youth participants were trained.

- Foster youth leadership skills, with design-thinking, critical-thinking, and engagement through dialogues and exercises on SDG implementation specifically on SDG 4 (Quality Education), SDG 15 (Life on Land), and SDG 17 (Partnerships for the Goals)
- Provide opportunities for networking among youth; and
- Expand the host institution's partnership with youth leaders for the SDGs.

3. Methodologies

The 6th SDGs Youth Summer Camp will be held at the Yonsei University International Campus located in Incheon, Republic of Korea. This will be the first in-person summer camp ever since the COVID-19 outbreak. This year's summer camp will focus on SDG 4 (Quality Education), SDG 15 (Life on Land), and SDG 17 (Partnerships for the Goals) which are selected from thematic areas of the 2022 High-Level Political Forum⁴.



Figure 1. Focused SDGs for the 6th SDGs Youth Summer Camp (SDG 17 for crosscutting)

The programme will use a Design Thinking methodology which is a user-centric approach in developing accelerated solutions. Through the methodology, the participants will be able to learn how to contribute to the progress for achieving the SDGs by understanding the problems from other's point of view (understand and empathize), redefining the problems (reframe) and creating innovative solutions (ideate, prototype, and test) to address challenges. The design thinking approach allows participants to utilize empathy, systems-thinking, and critical-thinking skills to develop skills in ideation, creative thinking, collaboration, negotiation, evaluation, advocacy, and leadership.

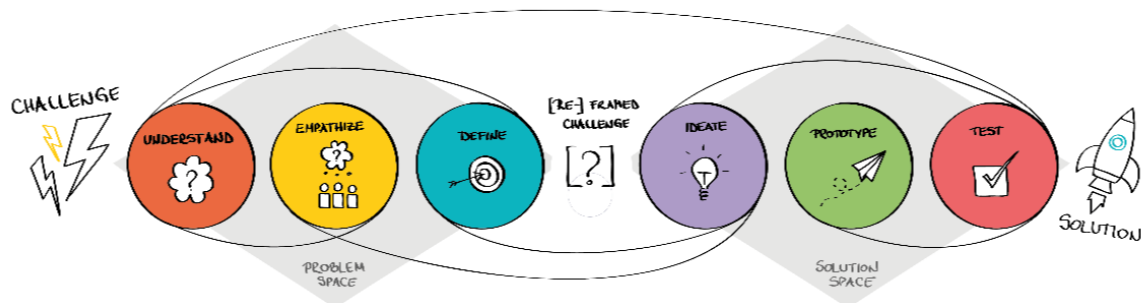


Figure 2. Stanford D-School Design Thinking Methodology to Develop Effective Solutions in the Decade of Action⁵

4. Learning Outcomes

After taking part in the 6th Youth SDGs Summer Camp, students will be able to;

- Communicate on the role of youth in implementing the 2030 Agenda for Sustainable Development
- Gain knowledge on SDG 4, SDG 15, and SDG 17 and its interlinkages with other SDGs
- Understand design thinking methodology as a tool to accelerate effective SDGs implementation
- Apply design thinking to the development of prototype solutions to advance the SDGs

⁴ SDGs Knowledge Platform: <https://sustainabledevelopment.un.org/hlpf>

⁵ Integrated Consulting Group. Design Thinking Methodology. Retrieved from <https://www.integratedconsulting.eu/insights/design-thinking/>

5. Participants

Those who are born between 1994 and 2004 are eligible to apply regardless of their nationalities by submitting application forms and other required documents via google form. Proficiency in English is required for all participants.

The participants who wish to participate in the event from abroad must cover their own expenses for transportation to and from the venue (accommodation and meals provided by organizers). The organizers will select a maximum of 50 participants based on their motivation, capacities and English proficiency while considering gender and geographical balance.

6. Structure and Agenda

The organizers will invite experts and practitioners from international organizations, academia and government sector to share their insights on achieving the SDGs and facilitate productive dialogues with the participants. The programme will mainly be facilitated by professors and the teaching assistants from Design Factory Korea of Yonsei University who are highly specialized in teaching and applying design thinking methodology into practice. Their knowledge, skills, and experiences will ensure overall quality of the summer camp and motivate the participants to be fully engaged.

The sessions will include group works to allow much interaction among the participants and host an open platform to share creative ideas on how to design and apply practical approaches to the SDGs implementation. All sessions will be conducted in English.

Agenda (Tentative)	
Day 1 (Tue), 16 August	
Time	Content
9:30-10:00 (30')	Registration <ul style="list-style-type: none"> - Attendance sign-in & hand-rub time - Activity group arrangement <i>/ Venue: Makerspace i7 lounge (Building "Veritas" B 1st Floor)</i>
10:00-10:30 (30')	Opening and Welcome Remarks <ul style="list-style-type: none"> • Mr. Chun Kyoo Park, Head of Office, UNOSD • Mr. Hyun Soo Cho, Director, Green Transition Policy Devison, MoE • Mr. Hyun Sik Yoon, Director General, Global Cooperation Department, K-eco Short photo ops & Brief Camp announcements Moderator <ul style="list-style-type: none"> • Ms. Chaela Shin, Associate Research and Policy Development Expert, UNOSD
10:30-11:00 (30')	Session 1 Overview of SDGs and the Theme for the Summer Camp <ul style="list-style-type: none"> - Intro of UNOSD and Overview of SDGs (UNOSD) - Intro of Design Thinking (DFK) - 20-minute lecture, 10-minute Q&A session Speakers <ul style="list-style-type: none"> • Prof. Hyunkyung Lee, UIC, Yonsei University • Mr. Huiyong Kim, Administrative Assistant, UNOSD
(10')	Break
11:10-12:00 (50')	Session 2 Invited Lecture on SDG 15 – Life on land <ul style="list-style-type: none"> - 35-minute lecture, 15-minute Q&A session Speaker <ul style="list-style-type: none"> • Ms. Vivian Fu, Communication Officer, East Asian-Australian Flyway Partnership (EAAFP)
12:00-13:00	Lunch
13:00-14:00 (60')	Session 3 Invited Lecture on SDG 4 – Quality Education <ul style="list-style-type: none"> - 40-minute lecture, 20-minute Q&A session Speaker

	<ul style="list-style-type: none"> Mr. Tae Kim, Strategist, Impact Strategy and Partnership Development, Enuma Facilitators <ul style="list-style-type: none"> DFK Coach Soohwan Lee, Prof. Hyunkyung Lee, UIC, Yonsei University <i>/ Venue: DFK Ideashop (Building "Veritas" B206)</i>
(10')	Break
14:10-15:40 (90')	Session 4 Design Thinking Phase 1: Empathize <ul style="list-style-type: none"> Empathize with users - group work given on the 1st step of DT 30-minute lecture, 60-minute group work Facilitators <ul style="list-style-type: none"> DFK Coach Soohwan Lee, Prof. Hyunkyung Lee, UIC, Yonsei University
15:40-17:00 (80')	Session 5 Design Thinking Phase 1: Empathize <ul style="list-style-type: none"> Share empathy maps 60-minute presentation time, 20-minute closing & wrap up Dorm room announcement Facilitators <ul style="list-style-type: none"> DFK Coach Soohwan Lee, Prof. Hyunkyung Lee, UIC, Yonsei University
Day 2 (Wed), 17 August	
	Content
9:30-10:30 (60')	Session 1 Invited Lecture on SDG 17 – Partnerships for the goal <ul style="list-style-type: none"> 40-minute lecture, 20-minute Q&A session Speaker <ul style="list-style-type: none"> Mr. Peter Chin Tse, Nam, Associate Social Affairs Officer, UNESCAP Moderator <ul style="list-style-type: none"> Ms. Chaela Shin, Associate Research and Policy Development Expert, UNOSD <i>/ Venue: DFK Ideashop (Building "Veritas" B206)</i>
10:30-11:00 (30')	Session 2 Design Thinking Phase 2: Define <ul style="list-style-type: none"> Make a problem statement 10-minute lecture, 20-minute discussions Facilitators <ul style="list-style-type: none"> Prof. Hyunkyung Lee, Prof. Jae-yun Ho, UIC, Yonsei University
(10')	Break
11:10-12:00 (50')	Session 3 Introduction to ecological restoration businesses in Korea <ul style="list-style-type: none"> 35-minute lecture, 15-minute Q&A session Speaker <ul style="list-style-type: none"> Mr. Wontae Kim, Manager, Aquatic Ecosystem Restoration Division, K-eco Moderator <ul style="list-style-type: none"> Ms. Chaela Shin, Associate Research and Policy Development Expert, UNOSD
12:00-13:00	Lunch
13:00-14:30 (90')	Session 4 Design Thinking Phase 2: Define <ul style="list-style-type: none"> Work on problem statement from groups 90-minute group work Facilitators <ul style="list-style-type: none"> Prof. Hyunkyung Lee, Prof. Jae-yun Ho, UIC, Yonsei University
14:30-15:00 (30')	Session 5 Design Thinking Phase 3: Ideate <ul style="list-style-type: none"> 20-minute lecture, 10-minute Q&A session Facilitators <ul style="list-style-type: none"> Prof. Jae-yun Ho, Coach Soohwan Lee, UIC, Yonsei University
(10')	Break

15:10-16:30 (80)	Session 6 Design Thinking Phase 3: Ideate <ul style="list-style-type: none"> - Ideate interactively based on group research for successful SDG implementation - 80-minute group work Facilitators <ul style="list-style-type: none"> • Prof. Jae-yun Ho, Coach Soohwan Lee, UIC, Yonsei University 	
16:30-17:30 (60)	Session 7 Mid-pitch <ul style="list-style-type: none"> - Share output from define and ideate - 50-minute presentation time, 10-minute closing & wrap up Facilitators <ul style="list-style-type: none"> • Prof. Jae-yun Ho, Hyunkyung Lee, UIC, Yonsei University 	
Day 3 (Thu), 18 August		
Time	Content	
10:00-10:10 (10')	Session 1 Design Thinking Phase 4: Prototyping Solutions <ul style="list-style-type: none"> - Prototyping for the SDGs - How? - 10-minute online lecture, dividing into 2 groups Speakers <ul style="list-style-type: none"> • Prof Keeheon Lee, Prof Hyunkyung Lee, UIC, Yonsei University <i>/ Venue: DFK Ideashop (Building "Veritas" B206)</i>	
10:10-12:10 (120')	Group A	Group B
	Session 2 Design Thinking Phase 4: Prototyping Solutions <ul style="list-style-type: none"> - 120-minute group work for practical exercise Facilitators <ul style="list-style-type: none"> • Prof Keeheon Lee, DFK Coach Soohwan Lee, Yonsei University <i>/ Venue: DFK Ideashop (Building "Veritas" B206)</i>	Session 2 Design Thinking Phase 4: Prototyping Solutions <ul style="list-style-type: none"> - Facility Safety Course - 120-minute experience: practical group work on prototyping Facilitators <ul style="list-style-type: none"> • Makerspace coaches, Yonsei University <i>/ Venue: Makerspace Prototyping Room (Building "Veritas" B basement space D133)</i>
12:10-13:10	Lunch	
13:10-15:10 (120)	Group A	Group B
	Session 3 Design Thinking Phase 4: Prototyping Solutions <ul style="list-style-type: none"> - Facility Safety Course - 120-minute experience: practical group work on prototyping Facilitators <ul style="list-style-type: none"> • Makerspace coaches, Yonsei University <i>/ Venue: Makerspace Prototyping Room (Building "Veritas" B basement space D133)</i>	Session 3 Design Thinking Phase 4: Prototyping Solutions <ul style="list-style-type: none"> - 120-minute group work for practical exercise Facilitators <ul style="list-style-type: none"> • Prof Keeheon Lee, DFK Coach Soohwan Lee, Yonsei University <i>/ Venue: DFK Ideashop (Building "Veritas" B206)</i>
(10')	Break	
15:20-17:00 (100')	Session 4 Group Testing Discussions <ul style="list-style-type: none"> - 100-minute discussion Facilitator <ul style="list-style-type: none"> • Professors, Coach, Team Coaches, Yonsei University <i>/ Venue: DFK Ideashop (Building "Veritas" B206)</i>	

Day 4 (Fri), 19 August	
Time	Content
10:00-12:00 (120')	Session 1 Finalizing Group Presentations <ul style="list-style-type: none"> - Reiterate and refine - 10-minute lecture, 110-minute preparation Facilitators <ul style="list-style-type: none"> • All faculty, Yonsei University <i>/ Venue: DFK Ideashop (Building "Veritas" B206)</i>
12:00-13:00	Lunch
13:00-14:40 (100')	Session 2 Final Group Presentation <ul style="list-style-type: none"> • 100-minute presentation time (10 minutes per group) Judges <ul style="list-style-type: none"> • Ms. Soojin Jun, Professor, Yonsei University • Mr. Peter Chin Tse, Nam, Associate Social Affairs Officer, UNESCAP • Ms. Yunjin Lee, Manager, International Cooperation Division, K-eco Facilitators <ul style="list-style-type: none"> • DFK Coach Hyojin Lee and Kai Meng, Yonsei University <i>/ Venue: Makerspace i7 lounge (Building "Veritas" B 1st Floor)</i>
(20')	Break <ul style="list-style-type: none"> • Judges Deliberate
15:00-16:00 (60')	Closing <ul style="list-style-type: none"> • Statements by Judges • Presentation of Awards <ul style="list-style-type: none"> - Ms. Yujeong Kim, Senior Sustainable Development Officer, UNOSD - Acceptance speech from Awarded Group • Closing Remarks <ul style="list-style-type: none"> - Ms. Helen J.S. Kim, UIC Dean and DFK Director, Yonsei University - Ms. Yujeong Kim, Senior Sustainable Development Officer, UNOSD Moderator <ul style="list-style-type: none"> • Ms. Chaela Shin, Associate Research and Policy Development Expert, UNOSD

** Makerspace of Yonsei University supports the venue of the camp, also tools and devices that will be used by participants during the camp programmes.*

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 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> (shared as an attachment)
- United Nations Secretary General's Report: Our Common Agenda. (2021). <https://www.un.org/en/content/common-agenda-report/> (shared as an attachment)
- The Field Guide to Human-Centered Design (IDEO, 2015) (shared as an attachment)
- United Nations Global Sustainable Development Report (2022) Accessed at: <https://unstats.un.org/sdgs/report/2022/>
- 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

Miro 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://miro.com/>).

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

10. DOs and DON'Ts

DOs:

- Please be on time for all scheduled program
- Notify the staffs in advance if you are late for certain programs in unavoidable circumstances
- Follow instructions and guidance from the instructors and staff
- Dress properly and always wear given name-tags during the camp
- Keep your dormitories clean and organized
- Take responsibility for your action during the whole program and respect other participants
- Pay attention to speakers and participants and actively participate in programmes
- Follow **UN Values (Integrity, Professionalism, Respect for diversity)** during the entirety of the course, including group discussions and peer-to-peer engagement

DON'Ts:

- Do not show unsuitable behaviors for the camp (* drinking alcohol, gambling, bullying, fighting, smoking in the venue and dormitories are unacceptable)
- Do not present profanity, aggressive behavior and sexual or verbal harassment to other participants and staff members
- Do not disturb the classroom at any point of time by shouting or using abusive words
- Do not leave dormitory during curfew hours (12-5 AM) nor stay out overnight except with a few cases below:
 - To get medical treatment (examination) or prescription of medication (*confirmed by staff members in advance)
 - Exceptional cases that are recognized by the staff
- Do not damage nor steal personal/camp facilities and supplies
- Do not endanger the health and safety of staff and participants

※ NOTE: During the camp, any claims brought against the rules above will NOT be covered by the liability insurance. Please make sure that zero-tolerance policy will be applied for any violation of these rules above and will be expelled from the camp.

<COVID-19 Requirements for the Camp Participants>

- All participants have to **present negative COVID-19 test result** by **August 15.**
(Upload on the Google Form link sent through email)
 - ✓ Submit one of those documents below:
 - COVID-19 home test: Performed within 48 hours before the camp.
 - COVID-19 RAT: Result must be issued within 48 hours before the camp.
 - COVID-19 PCR test: Result must be issued within 72 hours before the camp.
 - ✓ Participants without a valid test result or who test positive right before and during the camp will be prohibited from joining the camp.
- All participants should wear a properly fitted mask to cover nose and chin.
- All participants should clean hands frequently with alcohol-based hand rub or soap and water.
- All participants should keep physical distance from others whenever possible.

<Makerspace i7 & Design Factory Korea(DFK) Facility Use Manual>

- General
 - Use the tools and worktables in the correct way of each usage.
 - Replace and organize all the tools after using it.
 - Make restitutions for tools or facilities if changed, lost or damaged deliberately.
 - Be responsible for any accidents and injuries while using facilities on your own.
 - Wear proper clothing for using the tools (Slippers, loose shirts not recommended)
 - Be well-informed with emergency evacuation so that we can escape safely
 - Make sure that you can be prohibited from using the facility if you don't follow below instructions.
 1. Unauthorized movement, processing, and removal of objects without the permission of the manager

2. Improper use of equipment and tools to cause harm to other users
 3. Mischief that may interfere with or threaten the work of others
 4. Bringing in animals, fire hazards, flammable substances that cause ignition
 5. Other acts that harm public order and good manners
- Tools and devices
 - Wear the protective equipment properly when using the tools.
 - Turn off the devices and get out of the place immediately once you notice fire smoke. And then notify the staff and follow the instructions.
 - Use only the ingredients that are introduced and prepared by the staff.
 - Take a facility safety course before using devices and tools.

11. Criteria for Final Presentations and Evaluation

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

United Nations Office for Sustainable Development (UNOSD)

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