

Preparing Leaders for ESG Management at Universities: The Case of Green Leadership Program at SNU

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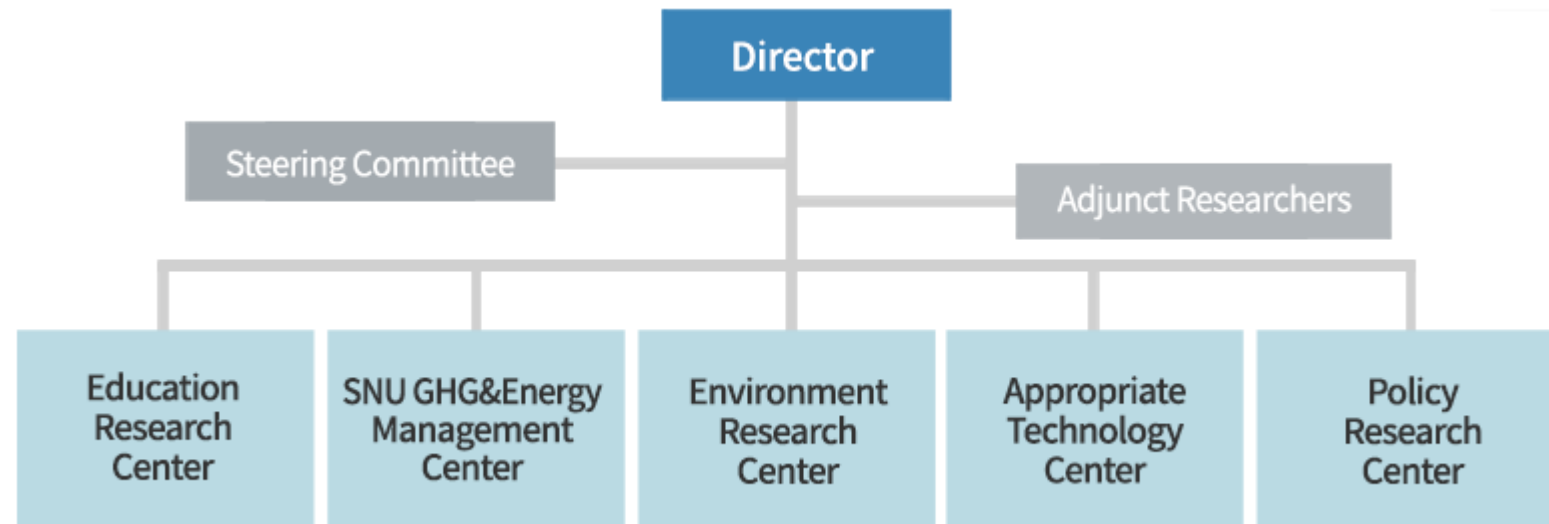
Graduate School of Environmental Studies

Seoul National University

ISD of SNU

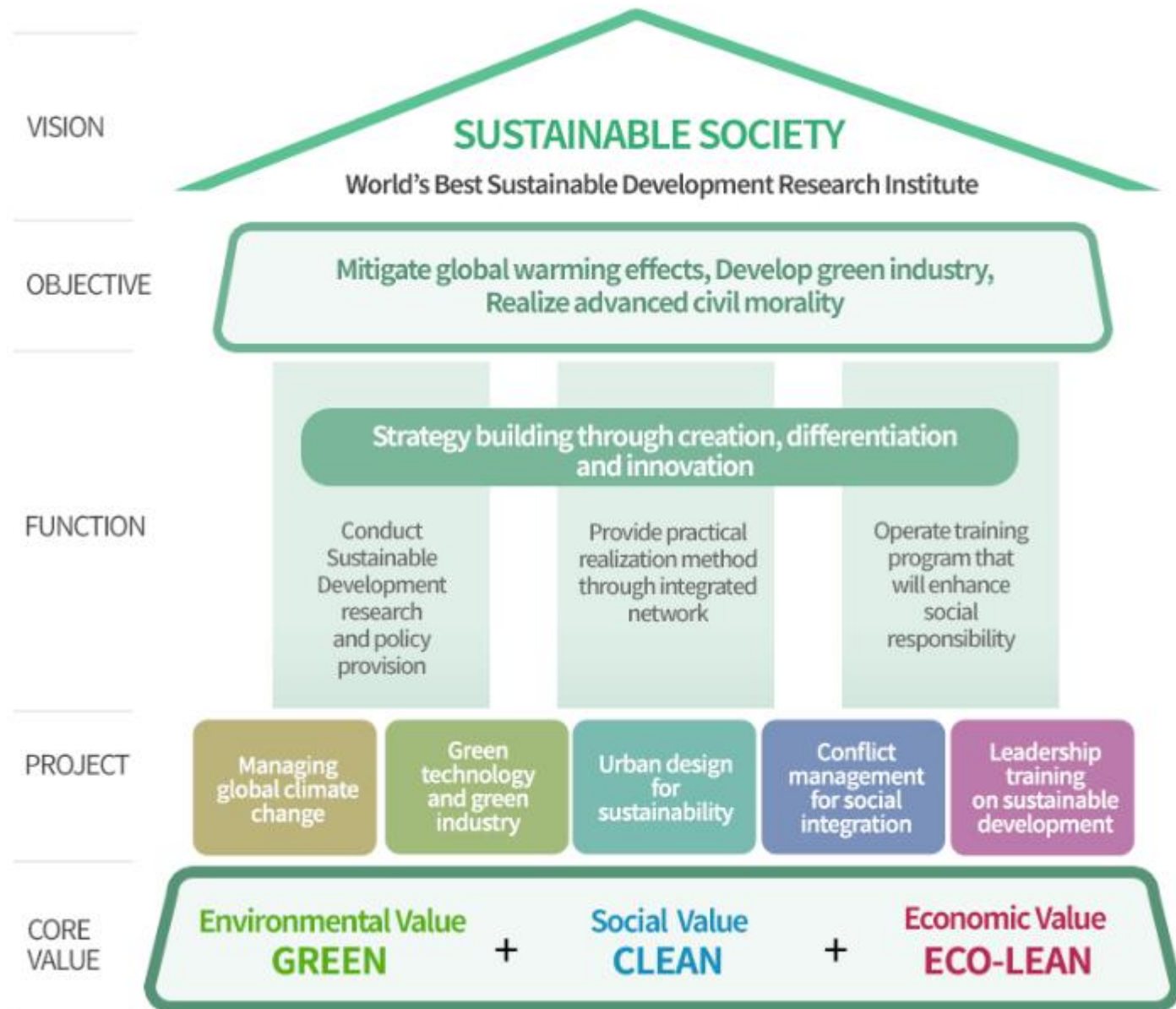
March 2009: Asia Institute for Energy, Environment and Sustainability (AIEES) was established

August 2019: AIEES was renamed to Institute for Sustainable Development (ISD)



**Green Leadership
Certificate Program**

The Vision of ISD



Essential Function of ISD



01

Beginning of GLP curriculum





“Sustainable SNU” Declaration

2008. 10. 13



The Settlement Process of GLP

During early five years

- Oct. 13, 2008 Declaration of Sustainable SNU
- March 2009 Establishment of AIEES
- May 18, 2010 Signing MOU among Public–Private–Academic
- Aug. 2010 – March 2011 Development of GLP Curriculum (15 colleges, 36 professors)
- Dec. 12, 2010 Curriculum Development Workshop (Ministry of Environment–SNU)
- June 16, 2011 Requesting establishment of GLP curriculum management guidelines
- Jan. 12, 2012 Promulgation of GLP curriculum management guidelines
- Feb. 1, 2012 Composition of the Steering Committee
- March 13, 2012 The 1st Meeting of the Steering Committee (Deliberation of disciplines)
- June 2012 Starting GLP Internship
- Sep. 20, 2012 Holding a Workshop for GLP Management
- Feb. 2013 Completion of the 1st term of GLP (4 students)

The Settlement Process of GLP

MOU for Green Leadership

- **SNU** : Development & Management of GLP curriculum
- **Ministry of Environment** : Provision of Certification
- **Private corporations** : Offering internship
- **Green Leadership Certificate**: to students who complete 15 credits (5 courses) of GLP courses are given certificates with the name of President of SNU as well as the name of Minister of Environment



Asian Univ. Workshop for Green Leadership Edu.

International Symposium on Establishing **Green University**

Oct 27-28, 2010

Beijing China



APIEL International Symposium 2010 **Environmental Leadership Education**

Nov 22-23, 2010

Tokyo, Japan



Asian University Conference for **Green Leadership**

June 3, 2010

Seoul, Korea



GLP Curriculum: Green Internship

Starting Green Internship (2012년 하계 계절학기)

Home plus (left)
SK Hynix (right)



Completion of the 1st term of GLP (Feb. 2013)



June 2012

Green Leadership Program Workshop :

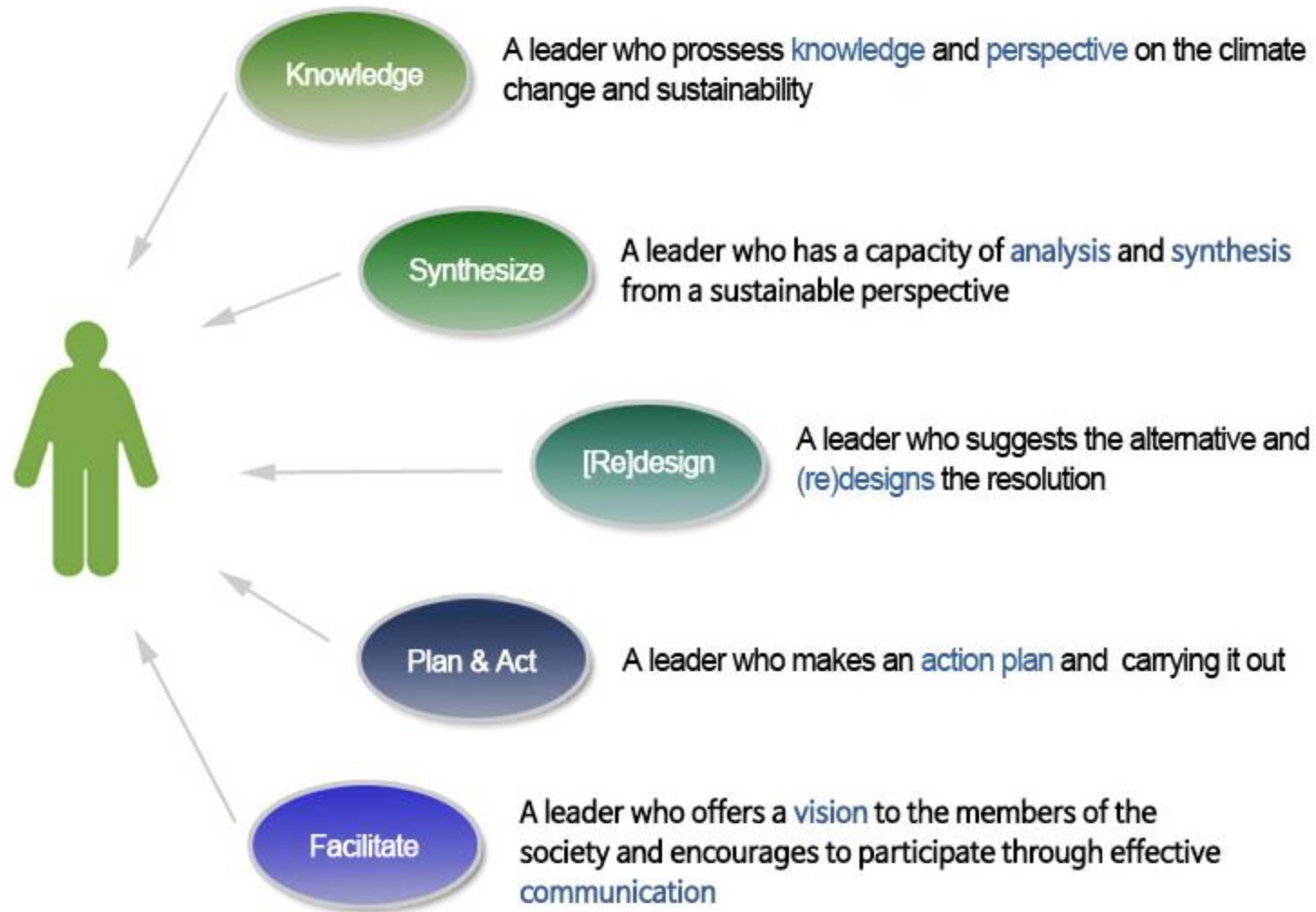


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The Current Status of GLP

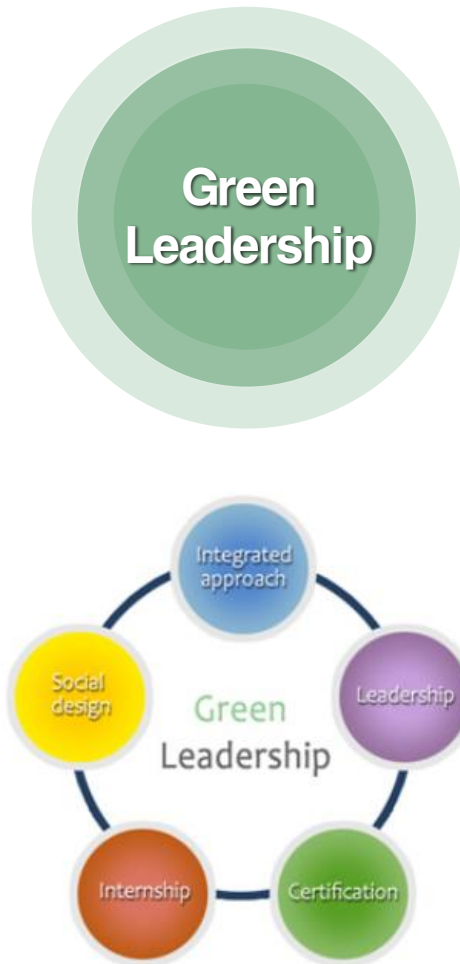


Who is a Green Leader?



General Outline of GLP

The Objectives of Green Leadership



Objective 1 : Acquire Knowledge on Sustainability

Grows out of **Existing Courses** :

Incorporate “sustainability” into existing disciplines

Objective 2 : Foster Social (Re)design Ability

Create Courses for **Social (Re)design** :

(Re)design social institutions respondign to climate change

Objective 3 : Serving Others for Sustainable Society

Create Courses for **Green Leadership** :

Leadership for a Sustainable Society

General Outline of GLP

Course Options (14 Courses)

Objective 1		Objective 2	Objective 3
Green Leadership	Green Life & Consumption	Green City & Community Design	Green Leadership Internship
Green Energy	Climate Change & Health	Arts - Designs & Green Society	Sustainable Business Management
Understanding Green Economy	Ecological Philosophy & Environmental Ethics	Sustainable Society & Institution	Gwanak Omnibus Course Sustainable Development
Green Social Sciences (34)	Sustainability Sciences (37)		

Completion Criteria

- **Green Leadership Curriculum** : 5 Courses / min. of 15 Credit hours
- **Courses previously taken** : Average grade of 3.0 or over
- **Requisites** : <Green Leadership Intership>
- **Qualificaton exam** : Green Leadership Completion Essay Application for a qualification exam

그린리더십 인증서

인증번호 : 서울대2000 (그린리더) 0000


소속: _____

성명: _____

생년월일: _____

학번: _____

위 사람은 환경부와 서울대학교가 공동으로 인증하는 서울대학교 그린리더십 과정을 이수함으로써 에너지 및 환경의 지속가능성에 대한 지식을 바탕으로 바람직한 인류 사회를 구상하고 실천하는 그린리더십을 갖추었기에 이를 인정함.

 환경부 장관

위 권한의 위임을 받아
이 증서를 수여함.

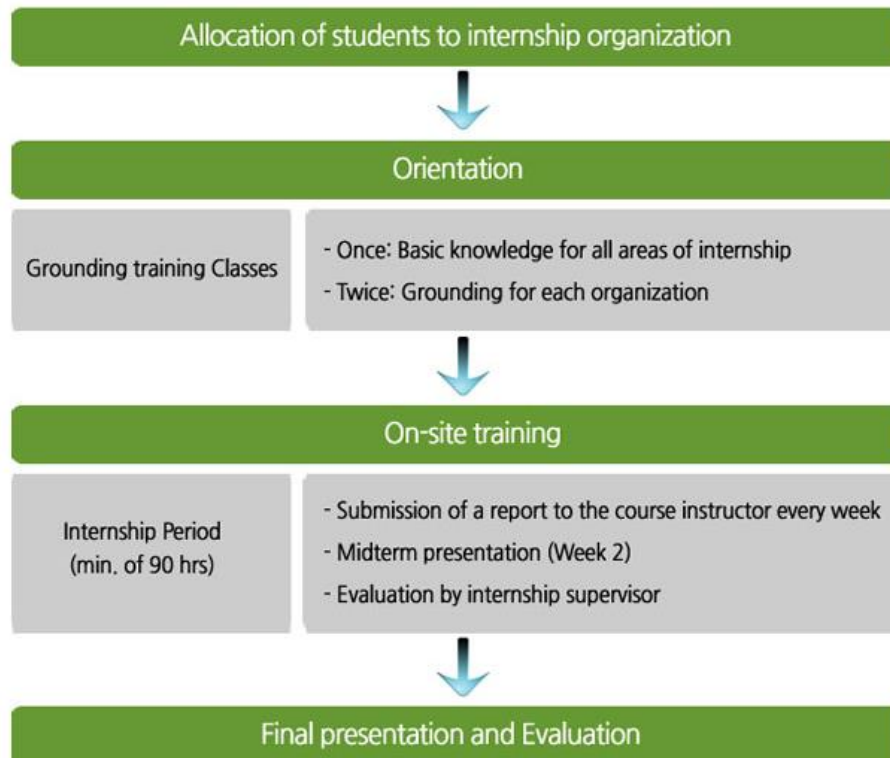
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서울대학교 총장 (권인)

General Outline of GLP

Green Leadership Internship and Partners

- Course Opening time: Seasonal semester
- Purpose: to integrate in-class learning materials about the environment and sustainability with real world on-site experiences through internships at governmental organizations, enterprises, research institutes, or civic group. in order to take this course, students have to have completed at least two prerequisites from Green Leadership Program Credit Courses.



General Outline of GLP

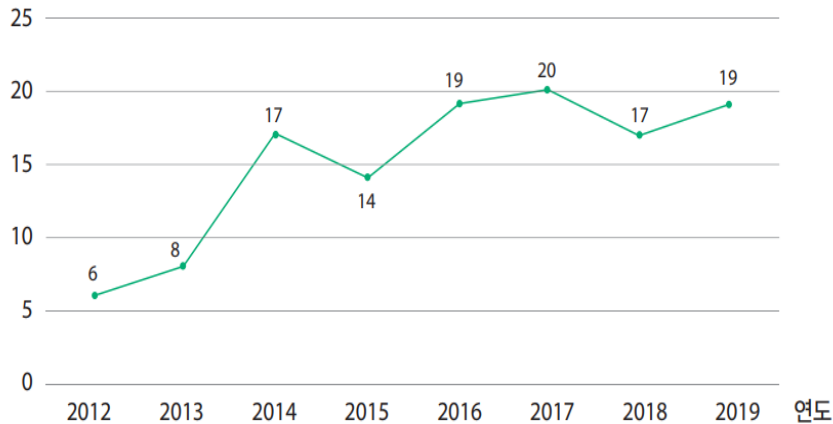
Distribution of Green Leadership Internship Partners

Government Organization	Enterprise
<ul style="list-style-type: none">• Gyeonggi Research Institute• The Seoul Institute• ChungNam Institute• National Institute of Biological Resources• National Institute of Environmental Research• National Institute of Forest Science• Embassy of Denmark, Seoul• Sudokwon Landfill Site Management Corporation• Korea Environment Corporation• Korea Institute of Science and Technology	<ul style="list-style-type: none">• SK Hynix• Hanwha Energy• Samil Accounting Firm• Hanyoung Accounting Firm• SolarConnect• Tree Planet• Market In U(Jarakdang)• Glory & Tech Co.• Root Energy• Crevisse Partners• Gridwiz• Energy transition Korea• Hankook Research
Non Government Organization	Research Institute
<ul style="list-style-type: none">• Green Fund• EcopeaceAsia• Greenlaw• Korea Environmental Education Center• UN ESCAP East and Northeast Asia• WWF-Korea• Greenpeace Korea• Solutions for Our Climate	<ul style="list-style-type: none">• Management Center for Greenhouse Gas & Energy• Green Energy Strategy Institute• HEUKSALIM• Institute for Environmental Safety and Health

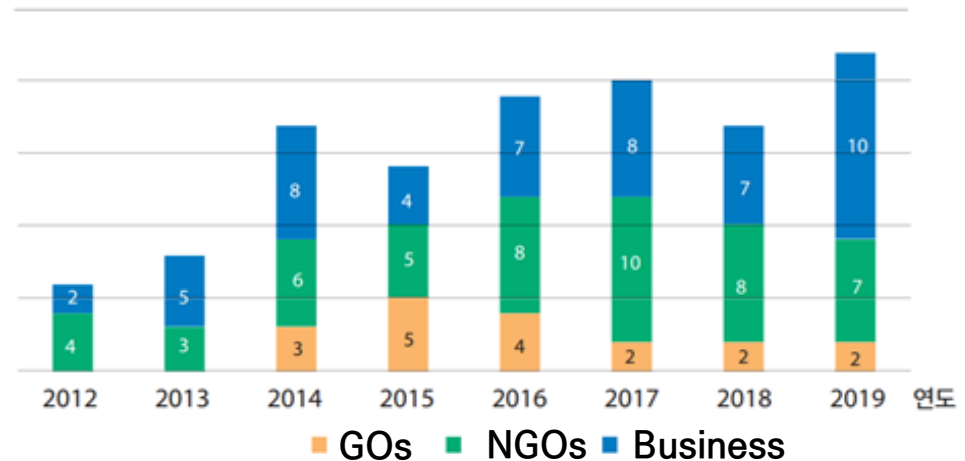
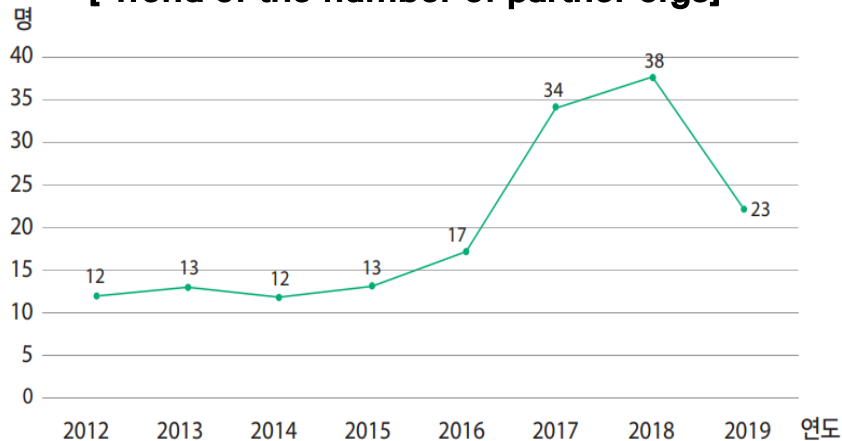
General Outline of GLP

Partner Organizations for Green Leadership Internship of GLP

- The number of Orgs.: around 40s (more than 20 orgs participate annually, 1-2 orgs newly participate each year)
- Students' demand for internship increases every year



[Trend of the number of partner orgs]



[Composition of Partner Orgs.]

◀ [Trend of the number of students with internship]

General Outline of GLP

Testimonials of the graduates

Lawyer Shin-young Joo

Law firm ELPS

The 2nd graduate of GLP



In an essay submitted at the end of the Green Leadership course around 2013, I expressed some shameful aspirations as follows:

“Right after graduating from graduate school, I want to become a lawyer specializing in environmental and international affairs at a law firm and build a working experience in resolving environmental disputes, and after about 10 years of such a process, I will serve the country……Specifically, I would like to design environmental laws to improve the domestic environment or work as an expert in harmonizing the values of national interests and environmental protection at the site of the International Environmental Convention. Using this career as a cornerstone, I have a vision to contribute to solving international environmental problems, the ultimate dream for environmental organizations in the long run.”

Thankfully, as of 2020, about seven years after that, I have been working as a four-year lawyer specializing in environmental affairs as I wanted. Seven years ago, when I completed the Green Leadership course, I was full of confidence and I will try my best to continue my ambition without shame as a Green Leadership graduate.

Performance of GLP

Core Courses were taken by 778 students during recent 3 years.

Course	2017	2018	2019
Green Leadership	23	13	18
Green Life & Consumption	38	38	–
Climate Change & Health	46	17	54
Green Energy	–	9	–
Ecological Philosophy and Environmental Ethics	13	18	18
Sustainable Life Design	30	26	16
Sustainable Society & Institution	–	35	–
Green Leadership Internship	34	38	23
Understanding Green Economy	9	–	–
Sustainable Development	101	–	95
Enterprises and Social Responsibility	11	21	34
Total of participating students	305	215	255
Total of Courses opened	12	10	9

Performance of GLP

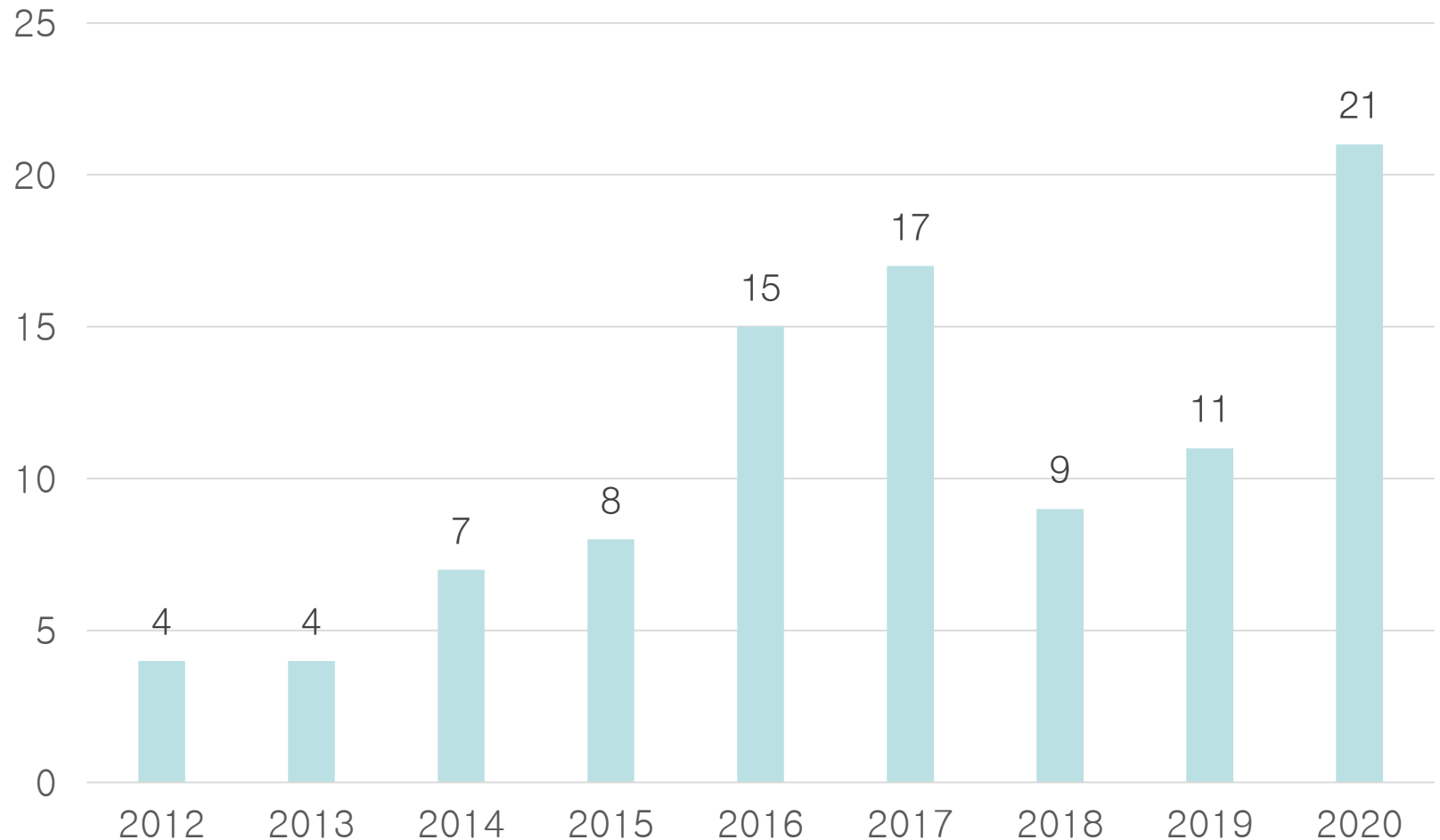
The Number of Accredited Courses Opened & Students (2019)

Spring Semester		Fall Semester	
Course	#	Course	#
Human Beings and Foods	7	Environment & Society in an Era of Globalization	16
Biodiversity and the Environment	89	Changes in Global Environment	49
Theory of Climate and the Environment	26	Environmental Engineering (2)	34/41
Environmental Management Studies	17	Ecology Education	20
Energy and Environmental Engineering	11	Theory of Sustainable Development Education	5
Environmental Sanitation Studies	59	Environment and World Politics	12
Integrated Environmental Design	5	Introduction to Environmental Policy	16
Environmental Psychology	7	Ecology in Daily Life	11
Global Environment and Energy Issues	12	Ecological Anthropology	29
Theory of International Environmental Orgs.	11	Forest Policy Studies and Practice	10
Global Environmental Science	53	Theory of Green Regional Planning	27
New and Renewable Energy	28	Volcanoes and Earthquake	39
Ecological Economics and Practice	7	Energy, Environment, Technology and Management	21
Theory of Sustainable Environmental Planning	5	Environment and Education	39
Human Beings and Space (English)	28	Environment and Geography	29
Environment and Health	122	Ecological Tourism and Practice	21
Diet and Environment	88	Human Beings and Global Environment	30
Environmental Geology	11	Landscape Ecology	18
Ecology	36	Plant Ecology	17
Water Crisis	12	Agriculture, Environment and Micro-organisms	30
Human Beings and Space (Korean)	47	Analysis in Landscape Architecture and Ecology	28
Introduction to Environmental Engineering	11	Water Crisis/Human Beings and Space (2) etc.	154
22 Courses	692	26 Courses	696

Performance of GLP

Students Awarded

- The number of students awarded the certificates: 96 until Feb. 2021

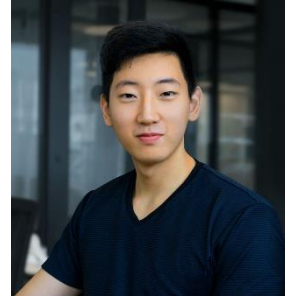


Performance of GLP

Interesting Employment Case

: A case in which a student directly proposes an internship agency and is employed by the agency

Manager Lee
Solar Connect
The 7th Graduate of GLP



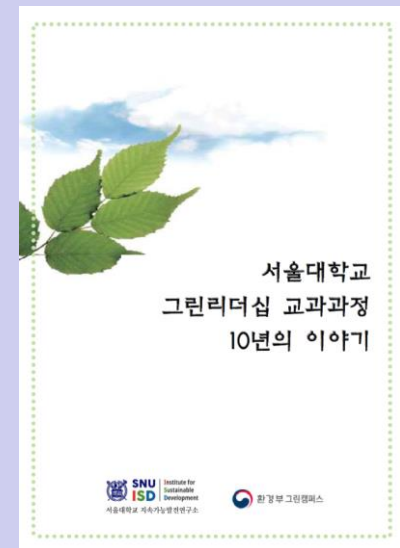
As the company grew in size, many young employees with passion were needed, but it was not easy to find people. For it was a small company that was not well-known. I came up with the idea of linking the Green Leadership internship program with the company to bring in good people. After I personally proposed the company as an internship agency to the school, I first completed the program as the company's first "Green Leadership" intern. After finishing my "Green Leadership" internship, I had a year left until graduation, but I was recognized as an early member of the company and became a full-time employee.....Green leadership was an inseparable piece of 'Solar Connect' growth.

More than 10 students have gone through the company so far through Green Leadership internships, four of whom have been converted to full-time jobs and remain in the company.

"Solar Connect" grew up with Green Leadership

03

Desirable Future of GLP



Overcoming Crisis of GLP

University's Willingness to Support GLP and Budgets

Securing stable financial resources to enhance the quality of curriculum is necessary

- The main driving force is the dedicated participation of the faculty in addition to lectures outside of their departments.
- Overcoming problems such as coordination of lecture contents, proper management of special lectures and activity-oriented classes, recognition of the number of classes, and continuous support for assistants with creative administrative support

Increasing demand for Green Leadership internships and increasing response from participating partner organizations

- Continuous efforts to improve the quantitative and quality of internship participating institutions through the school-outdoor network in response to the growing concerns about students' careers and the demand for prior experience sharing

Challenges to GLP

A New Decades of Challenge to GLP

Strengthening its status as a representative curriculum for sustainable development at SNU

- Redefining the identity of Green Leader, which pursues universal leadership in consideration of the socially disadvantaged and others
- Strengthening quality management of curriculum and program developing more diverse and field-linked curriculum to capture the needs of the times
- Developed into an integrated curriculum for sustainable development representing SNU through connection and integration with similar curricula in schools

Strengthening social contributions through external expansion

- Contribute to the social expansion of green leaders through joint certification courses linked to other universities
- Promotion of graduates' advance into related fields through qualitative management of green leader certification programs and strengthening their status
- Contribute to improving the sustainability of our society through connections between course graduates and enrolled students.

Economy

Ecology

Thank You

Urban design

Society

Environment

Management

그린리더십 홈페이지

<https://isd.snu.ac.kr/greenleadership/website/>

Climate change

Energy