2020 RCE Dobong Annual Report
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Introduction to RCE Dobong Annual Report

The district of Dobong-gu enacted the nation’s first basic ordinance for sustainable development in 2015, and established the nation’s first dedicated department in 2016 and formed the Sustainable Development Committee. Dobong-gu established the Dobong-gu Sustainable Development Index in 2017, and the nation’s first basic plan for sustainable development through talks and discussions based on public-private cooperative governance. Dobong-gu established the first implementation plan out of 25 autonomous districts in Seoul on its own, and is taking the lead in implementing sustainable development, such as completing the sustainability implementation system.

As education should accompany the implementation of sustainable development, the district came to prepare the ‘Regional Centre of Expertise on Education for Sustainable Development (RCE)’ certified by the UN University since 2018 to promote more professional and systematic education for sustainable development (ESD). During the preparation process for UN University RCE certification, we presented a roadmap for realizing the practices and actions necessary for a sustainable future, social change, and ecological transformation life. As a result, on January 13, 2020, Dobong-gu was approved as a ‘Regional Centre of Expertise (RCE)’ selected by UN University. RCE Dobong, which has been the first accomplishment of an autonomous district in Seoul and the 6th RCE city in Korea, is striving to solidify its role as a hub of education for sustainable development through projects and domestic and foreign networks.

The 2020 RCE Dobong Annual Report contains the preparation process for UN University RCE certification and the contents of the project for the first year after certification. In the future, we will focus on solving community challenges based on collaboration for sustainable life while also working to achieve new values and practices.

<table>
<thead>
<tr>
<th>RCE (Regional Centre of Expertise on Education for Sustainable Development)</th>
<th>RCE function</th>
<th>ESD (Education for Sustainable Development)</th>
</tr>
</thead>
</table>
| As a ‘Sustainable Development Education’ hub for sustainable development of the environment, society, and economy, UN universities are certified to local governments, universities, institutions, etc. that lead sustainable development education. | • Discovering educational cases and establishing a network between the world’s RCEs as a regional hub of ESD  
• Promoting ESD proliferation in the region and spreading and promoting it to the surrounding areas  
• Sustainable development education for each region by utilizing the characteristics of each region case finding  
• Establishing networks, exchanging information, and carrying out projects among international RCEs | An education aimed at a society where everyone can benefit from high-quality education and learn the values, actions, and lifestyles necessary for a sustainable future and social transformation. |
2020
RCE도봉 연간 보고서
FOOTPRINT ONE.

UN University
RCE Certification Promotion Process

1 Year 2018

2 Year 2019
Benchmarking of Previous Cases

As the first step to prepare for the RCE Dobong certification, we visited the RCE Tongyeong, RCE Inje, and RCE Changwon, which are domestic RCE cities, and conducted written interviews and gathered opinions with related parties in connection with the RCE.

RCE Tongyeong Sejatra Forest

Date of visit March 13, 2018
Contents of investigation Tongyeong RCE Centre establishment process, ESD program

RCE Inje

Date of visit April 19, 2018
Contents of investigation Linking process with UN University RCE network, RCE application for certification process

RCE Changwon

Written investigation RCE Changwon application, application-related research service related data

Explain and consult with the Sustainable Development Committee

2018 1st Sustainability Committee Steering Committee (January 31, 2018)

In 2018, the 1st Subcommittee System Administration Division (February 19, 2018), Economic and Industry Division (February 21, 2018)

The 1st Sustainability Committee Main Committee in 2018(February 21, 2018), the 2nd Sustainability Committee Steering Committee in 2018 (July 12, 2018)
Interview with the UN University and RCE related stakeholders

Participated in the Tongyeong RCE International Forum and interviewed with Dr. Philip Vaughter of UN University (November 7, 2018)

Participated in 2018 SDG Network Forum and exchange information (November 13, 2018)

Participated in the symposium of RCE promotion-related regional culture research centre (November 29, 2018)

Participated in 2018 Seoul Sustainable Development Policy Discussion and proposed the necessity of establishing an education centre

Participated in the 2018 UNESCO ESD Policy Forum and interviewed with the UNESCO Korea ESD Chairperson (August 27, 2017)

Collected materials related to domestic and overseas sustainable development education
2020 RCE도봉연간 보고서
FOOTPRINT ONE.

UN University
RCE Certification Promotion Process

1 Year 2018

2 Year 2019
Composition and operation of the RCE Dobong Preparatory Committee

The RCE Dobong Preparatory Committee was formed and operated to prepare for the systematic RCE certification of RCE Dobong.

**RCE Dobong Preparatory Committee composition and appointment ceremony, RCE preparation related meeting held (February 26, 2019)**

Composition of RCE Dobong Preparatory Committee 6 people

Appointment period February - December, 2019

List of RCE Dobong Preparatory Committee members

<table>
<thead>
<tr>
<th>Serial No.</th>
<th>Position</th>
<th>Name</th>
<th>Title</th>
</tr>
</thead>
</table>
| 1          | Chair    | Lee Seon-gyeong    | Chair of the Korean Committee for ESD in UNESCO  
  Professor, Department of Science Education Cheongju National University of Education |
| 2          | Member   | Kwon Gi-tae        | Representative of the Institute for Social Innovation  
  Chair of Strategic Subcommittee, National Sustainable Development |
| 3          | Member   | Kim Du-rim         | Principal of Nowon elementary school                                |
| 4          | Member   | Shim Seong-bo      | Member, Dobong-gu Lifelong Education Council  
  Emeritus Professor, Pusan National University of Education |
| 5          | Member   | Oh Su-gil          | Member of the Sustainable Development Committee of Seoul City  
  Professor of dept. of Creative Engineering, Korea Cyber University |
| 6          | Member   | Jeong Na-yeon      | Chair of Dobong-gu Sustainable Development Committee                 |
Research service for the establishment of model and vision of RCE Dobong

Research services were carried out to establish the operating model and vision of the RCE Dobong. Under the vision of ‘Sustainable Dobong Community to Learn and Practice Together: From Dobong to the World,’ we identified the challenges Dobong-gu has to achieve.

- **Research title**: Dobong-type RCE model and vision establishment research service
- **Research period**: February - June, 2019 (5 months)
- **Implementing institution**: Chung-ang university (Research director: Professor Moon Tae-hun)

**Task details**

Overall system analysis for RCE Dobong construction

Presented specific plans to contribute to the spread of awareness of sustainable development among residents by presenting the RCE Dobong vision and goal setting and detailed implementation tasks.

**Major issues**

- Held an initiation report meeting (March 21, 2019)
- Interim report and workshop of related organizations (April 11, 2019)
- Final reporting session held (June 18, 2019)
- Expert advice on the final report of research service (June 25, 2019)
Letter of intent of designation for RCE certification

Dobong-gu received a letter of intent from 22 RCE-related organizations and bodies in the jurisdiction to strongly express our will for UN University RCE certification, and delivered it to the UN University.

Visit period  March 12 - April 4, 2019

Visiting organizations  RCE Dobong related organizations and bodies
Submitted with RCE application for certification
Letter of intent of designation containing the wish for RCE certification
To obtain information on RCE, we visited UN universities and RCE cities and interviewed with relevant personnel to identify trends in education for sustainable development and collect information.

Visit period  March 18 - 20, 2019
Places to visit  Kitakyushu and Yokohama, Japan

Main contents

Visited 421 Lab at Kitakyushu city university
(Professor Hiroyuki MIYAKE, interview with a lecturer Fumitoshi MURAE)

Visit to Moritsune civil centre in Kitakyushu
(Interview with the person in charge. Komuta HAOMI)

Visit Kitakyushu city Hall
(Mika KAMIGOSHI manager, Environmental Learning Division. General Affairs Policy Department, Environment Bureau)

RCE Kitakyushu ESD Council
(Interview with a coordinator, Tae MORIKAWA)

Visit the Environmental museum and Eco house

Kitakyushu Asian Women Exchange Research Forum
(Interview with Takahiko HISASUE, Manager)

Participated in an RCE Kitakyushu community activity
(Participation in a youth activity)

Visit to Ikeriji making school (recycling of a closed school)
(Ken Takeda, person in charge)

Visited BankArt 1929 (Cultural space, creative city promoted by Yokohama city)
United Nation University (UNU) visited

Established in 1973, the UNU (United Nations University) is a specialized academic institution affiliated with the United Nations and is playing a role in linking with the UN and the academic world. The UNU, an international community of scholars and researchers to study world issues related to the survival, development, and welfare of mankind, is headquartered in Tokyo, and consists of 13 departments (12 countries) worldwide. The department in each region has established and operated cooperative organizations/teams by subject with other UN organizations. The RCE Dobong continued to refine the direction of RCE Dobong through two visits to the UNU.

Visit period  March 20, July 29 - 30, 2019
Place to visit  UN University
Main contents  Application for certification consulting, etc.
             (Expert interviews with Dr. Philip Vaughtner, Coordinator Ayako Shimura, Dr. Noguchi Fumiko, and Uematsu Kiyoko)
Interview with an RCE official at UN University (March)

Consulting for UN University certification application (July)-1

Consulting for UN University certification application (July)-2

In front of UN University
Completion of the UN University RCE application for certification

To receive the UN University RCE certification, you must complete the RCE application for certification. Based on the data by research report, we filled out the first application for certification, consulted with the UN University, and filled out the second application for certification at the UN University. And then Dobong-gu’s application to RCE certification was submitted to the UN University along with a letter of intent submitted by 22 RCE-related institutions in the city.

1st Submission  April 30, 2019 / An email sent to the UN University

Peer review  September 4 - 6, 2019 / Review of the certification applications of RCE Inje and RCE Tongyeong

Second submission  September 9, 2019 / An email sent to the UN University
2019 Dobong-Gu RCE Application

- For the UN Sustainable Development Education Base City -
2019 Dobong-Gu RCE Certification Application (2nd)

사람을 향한 도시 더 큰 도봉
City towards People, Further develop Dobong

【Dobong-Gu】
Domestic and foreign RCE network activities

1) 12th RCE Asia-Pacific RCE regional meeting

The Asia-Pacific RCE regional meeting is an annual meeting by RCE cities in the Asia-Pacific region to share cases and network. The RCE Dobong, as the first city in Seoul and the first RCE candidate city to be invited to the ‘RCE Case Presentation Session’ with the theme of ‘Gathering sunlight to my neighbors’, presented a good case of the nation’s first solar power generation facility built through voluntary participation of local residents, and the ‘Dobong Citizens’ Sharing Sunlight Power Plant,’ which practiced local government-led environmental administration.

**Theme** Enabling a Low-carbon Society through Education for Sustainable Development

**Date** June 4 - 6, 2019

**Venue** Low carbon science & technology museum (Hangzhou, China)

**Host-organizer** UN University, RCE Hangzhou (Hangzhou, China)

**Presentation contents**
Presented with a title of ‘Gathering sunlight to my neighbors’, an example of ‘Dobong Citizens’ Sharing a Sunlight Power Plant’, which was the first in the country to build solar power generation facilities through voluntary participation of local residents and practiced local government-led environmental administration
Group photo of the 12th Asia Pacific RCE regional meeting

Conference hall

With UN University and UNESCO officials

With youth activists of the Asia Pacific RCE regional meeting

With elementary school students

Case presentation of Dobong-gu (Department of Sustainable Development. Official: Dr. Bae Hyun-soon)

Case presentation of Dobong-gu (Department of Environmental Policy, Official: Cho Seok-gyu)
2) ISAP Forum

The ISAP is an international forum that began in 2009 under the leadership of IGES (Global Environmental Strategy Institute) and has been held annually in collaboration with UN University since 2011, and it serves to share information and promote diverse discussions on sustainable development in Asia and the Pacific with the participation of group studies such as the United Nations Environment Program (UNEP) and other partners.

The 2019 ISAP was held for two days from July 30-31 at Annex Hall, the Yokohama International Peace Conference Centre, under the theme of 'Inclusive Transformation-Multilateral Collaboration Leading the World through Cycle and Eco-Economy.' The RCE Dobong participated in the 'Next step of ESD for achieving the SDGs' section, which would help set the direction for sustainable development.

We participated in the 'Next step of ESD for achieving the SDGs' section, which would help us set the direction for sustainable development. It was an opportunity to hear from experts from around the world on the transformative role of ESD and its contribution to the achievement of the Sustainable Development Goals (SDGs), the challenges and lessons learned from recent ESD practices, and the inclusion of a monitoring and evaluation framework.

**Theme**  Inclusive Transformation-Multilateral Collaboration Leading the World through Cycle and Eco-Economy

**Date**  July 30 - 31, 2019

※ Dobong-gu attended Section 7 (July 30)

**Venue**  Yokohama International Peace Conference Hall, Annex Hall

**Host-organizer**  IGES, UN University
3) 2019 Dobong ESD International Forum

"2019 Dobong ESD International Forum" was intended to provide a ground to spread the importance of sustainable development and education for sustainable development, and share cases of sustainable development and education for sustainable development that are implemented in various forms at home and abroad.

**Theme**  Education, Community, and Sustainability
- **Forum day 1**  Sustainable Development Education meeting at School
- **Forum day 2**  Local Community and Sustainable Development

**Date**  October 29 - 30, 2019

**Venue**  Dobong-gu office
- **October 29**  (14:00 - 17:30): Jaunbong Hall on the 16th floor
- **October 30**  (14:00 - 17:30): Seoninbong Hall on the 2nd floor

**Host-organizer**  Dobong-gu

**Sponsor**  Korean National Commission for UNESCO

**Attendees**  350 people, including experts and related personnel for sustainable development and ESD, teachers, students and residents of Korea
Forum Day 1

Dobong ESD international forum structure

Venue

Placard performance

Postcards for future generations

Together with speakers and presenters
Forum Day 2

Venue 1

Venue 2

Placard performance

Together with youth volunteers

Together with speakers and presenters

Discussion
Overseas Presenters’ Tour of Dobong-gu

Dobong forest village

Peace culture bunker

Gansong’s old House

Chang-dong childcare centre

Craft participation-1

Craft participation-2
2020 RCE도봉 연간 보고서
FOOTPRINT TWO.
2020
RCE Dobong Story

1. Year 1 Project: ESD textbook production
2. RCE logo production
3. Domestic and foreign RCE networks
Obtaining a UN University RCE certification

On January 13, 2020, Dobong-gu received the ‘Regional Centre of Expertise (RCE) certification from UN University for the first time in Seoul’s autonomous district, and is the 6th RCE city in Korea after RCE Tongyeong, RCE Incheon, RCE Ulju, RCE Inje, and RCE Changwon. As of year 2020, 175 cities in 62 countries around the world received the RCE certification.
Certificate of Acknowledgement

This is to certify that

RCE Dobong-Gu

was acknowledged by
United Nations University

13 January 2020

United Nations University
Institute for the Advanced Study of Sustainability (UNU-IAS)
1st Year project: ESD textbook production

To embody the implementation of the Sustainable Development Goals (SDGs), the core operating value of the district administration, RCE Dobong produced ESD textbooks for elementary school students as a first-year project. Based on private-government-school collaboration, we have formed a consensus on the importance of sustainable development; education for sustainable development through the production of textbooks conducted by ourselves.

<table>
<thead>
<tr>
<th>Division</th>
<th>Content</th>
<th>Promotion matters</th>
<th>Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESD textbook planning</td>
<td>Basic analysis</td>
<td>• Analysis of connection between elementary school curriculum and cross-curricular learning topics by Ministry of Education</td>
<td>December 2019 - February 2020</td>
</tr>
<tr>
<td></td>
<td>Perception survey</td>
<td>• Perception survey for sustainable development - education for sustainable development for elementary school teachers in Dobong district</td>
<td>January - July</td>
</tr>
<tr>
<td>ESD textbook development</td>
<td>ESD textbook writing and expert advice</td>
<td>• Composition of writers and writing of textbooks</td>
<td>April - December</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• For students (3rd-4th grade, 5th-6th grade level)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Expert advice and content supervision</td>
<td>February - December</td>
</tr>
<tr>
<td></td>
<td>Induce participation of village instructors</td>
<td>• Discovery of village instructors (those who have completed training instructors for global citizenship education, environmental education, etc.)</td>
<td>June - September</td>
</tr>
<tr>
<td>ESD textbook monitoring and content supervision</td>
<td>ESD textbook monitoring</td>
<td>• (Monitoring plan draft 1) Teacher conducts during regular curriculum ♦ (Monitoring plan draft 2) The village instructor conducts using the creative experience activity time, etc. ♦ Participating schools: Ssangmun elementary school, Banghak elementary school, Gain elementary school, Dobong elementary school, Korea Research Institute of Women's Life (Institution for primary &amp; secondary education certification)</td>
<td>October - November</td>
</tr>
<tr>
<td></td>
<td>Supervision of content in ESD textbooks (at any time)</td>
<td>• Supervision of contents by experts, etc.</td>
<td>August - December</td>
</tr>
<tr>
<td>Publication of ESD textbooks</td>
<td>Select textbook title</td>
<td>• Cooperation with Department of Sustainable Development and Dobong-gu Sustainable Development Committee</td>
<td>November - December</td>
</tr>
<tr>
<td></td>
<td>Publication of ESD textbooks</td>
<td>• Application for issuance of International Book Standard Number (ISBN)</td>
<td>December</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Publication of ESD textbooks</td>
<td></td>
</tr>
</tbody>
</table>
1) Analysis of connection between elementary school curriculum and cross-curricular learning subjects

Period December 2019 - February 2020

Contents Select the subject of the unit used for the ESD curriculum
  · Selecting seven unit themes that can be written by linking the Sustainable Development Goals, elementary curriculum and cross-curricular learning topics with characteristic examples of Dobong-gu

Material for research
2) Perception survey for sustainable development - ESD for elementary school teachers in the district

Survey design (January - February, 2020)
Gathering of experts' opinions for the validity of the survey measurement tool (February, 2020)
× Seoul Northern education support office, ESD experts, etc.

Visiting the school for participation in the survey and distributing and collecting questionnaires (March 2 - July 12, 2020)

Survey target: Elementary school teachers in 23 schools in Dobong-gu
Survey method: Online-Offline / Total 59 items
  - Results: A total of 245 copies were collected (81.6%), and 219 copies were actually analyzed
  - Analysis method: SPSS 23.0 statistical program (frequency analysis and difference analysis)

Results: The elementary school teachers' awareness of SD and ESD was low, but the intention to participate was high.
### 3) Composition of writers and writing of textbooks

**Composition of writing staff (January - April, 2020)**

**Writers' writing textbooks (April - December, 2020)**

<table>
<thead>
<tr>
<th>Unit</th>
<th>SDGs connection</th>
<th>Division</th>
<th>Unit topic</th>
<th>Major content</th>
<th>Writer</th>
</tr>
</thead>
</table>
| 1    | 4, 17          | Stage 1 (4) | It starts from me | • Understanding each other’s connection for sustainable development  
• Learning about actions to contribute to sustainable development | Ahn Eun-mi, Lee Eun-mi,  
Won Mi-sook, Lee Hye-soon,  
Kweon Hye-hyun  
(GCSE learning club) |
|      |                | Stage 2 (4, 17) | From me, from us |               |        |
| 2    | 2, 3           | Stage 1 (2, 3) | What is a sustainable diet? | • Finding out the types of food for a sustainable diet  
• Understanding sustainable eating through shopping activities | Ki Ji-bin  
(Banghak elementary school) |
|      |                | Stage 2 (2, 3) | Let’s practice sustainable eating | • Understanding eating broadcast and sustainable eating  
• Learn the meaning of eating well |        |
| 3    | 5,10           | Stage 1 (5,10) | Women and men are the same | • Finding out your gender stereotype mentality | Oh Yu-jin,  
Kim Yoon-hae  
(Dobong elementary school) |
|      |                | Stage 2 (5,10) | I believe in the greatness of you | • Finding out about career and gender stereotype mentality |        |
| 4    | 3, 11          | Stage 1 (3,11) | My day changed with a mask | • Understanding the daily life changed to COVID-19  
• Sharing your masked day with your friends | Bae Hyun-soon  
(Dobong-gu office) |
|      |                | Stage 2 (3,11) | Preparation for the post COVID-19 era and future generations | • Try sharing the world changed by COVID-19 (family, school life, social life, etc.)  
• Talking about the world that can be given to future generations in the post COVID-19 era |        |
| 5    | 7, 9, 11       | Stage 1 (7,9) | Find hidden new and renewable energy | • Understanding new renewable energy  
• Create a new renewable energy map | Lee Mi-young  
(Gain elementary school) |
|      |                | Stage 2 (7,11) | New renewable energy and a bright future | • Understanding various new renewable energies  
• Understanding energy citizenship for new renewable energy |        |
| 6    | 13, 15         | Stage 1 (13,15) | We are looking for our local flagship species | • Understanding the story of a dung beetle disappeared due to environmental pollution  
• Understanding the importance of flagship species through examples such as tail silk butterfly | Bae Hyun-soon  
(Dobong-gu office) |
|      |                | Stage 2 (1,12,16) | Good chocolate | • Understanding the chocolate production process  
• Understanding inequality and ethical consumption of fair trade and labor exploitation |        |
| 7    | 3, 6, 11       | Stage 1 (3,11) | Useful microbial EM story | • Finding out the types of microorganisms living around us  
• Understanding microorganisms useful in real life | Lee Mi-young  
(Gain elementary school) |
|      |                | Stage 2 (3,6) | EM that saves us | • Understanding the concept of EM  
• Knowing cases of using EM and making products |        |
|      | Appendix        | All        | Stage 1 | Textbook activity sheet | Bae Hyun-soon  
(Dobong-gu office) |
|      |                | All        | Stage 2 |               |        |
Writing direction

Textbook type  ESD textbook One (3rd - 4th grade level)
               ESD textbook Two (5th - 6th grade level)

Textbook composition  Seven units per level (opening of thought, unfolding, expanding, and matching)
                   · Includes illustrations, stickers, and game boards to stimulate interest
                   · Contains the story of the Dobong-gu region in connection with the Sustainable Development Goals

Meeting of writers to develop educational materials for sustainable development
                   · Meeting more than seven times including face-to-face and non-face-to-face
School visit

Together with the Global Citizenship Education Learning Club

Writing staff meeting
4) Collecting expert opinions for textbook production

- The 1st expert meeting (March 2 - 13, 2020)  Written consultation, 8 participants participated
- The 2nd expert meeting (August 19, 2020)  Dobong-gu office, Ssial Hall (9F), 9 people participated
- The 3rd expert meeting (December 9 - 17, 2020)  Written consultation, 11 participants participated
  - Content supervision through at any time interviews with experts and local activists
5) Textbook monitoring

Recruitment of elementary schools for monitoring textbooks, etc. (June - August, 2020)

Four pilot schools (four areas) Ssangmun, Banghak, Gain, Dobong elementary school

Institution for primary & secondary education certification
Korea Research Institute for Women’s Life (Jung-gu, Seoul)

Preliminary meetings of village instructors for monitoring textbooks (October, 2020)

EM instructor (Dobong Environmental Education Centre), GCSE instructor (GCSE learning club)

Sustainable development education textbook monitoring (October - November, 2020)

Participating schools Ssangmun, Banghak, Gain, Dobong elementary school, Korea Research Institute for Women’s Life (literacy education institution)

Participation performance 15 classes, 289 participants

Content Classes performed by writing staff, village lecturer and homeroom teacher, survey for students’ understanding of textbooks

Participation status by school

<table>
<thead>
<tr>
<th>Serial number</th>
<th>School (institution)</th>
<th>Schedule</th>
<th>Participating class</th>
<th>Number of participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Gain</td>
<td>October 12,13,15,16</td>
<td>3rd grade 3 classes (67 students)</td>
<td>158</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>6th grade 4 classes (91 students)</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Korea Research Institute for Women’s Life</td>
<td>October 24,30</td>
<td>Secondary school 1st grade (7 students)</td>
<td>26</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Secondary school 2nd grade (10 students)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Secondary school 3rd grade (9 students)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>× 1 class for each grade</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Ssangmun</td>
<td>November 10,12</td>
<td>2nd grade 1 class (23 students)</td>
<td>43</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>6th grade 1 class (20 students)</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Banghak</td>
<td>November 23</td>
<td>5th grade 1 class (23 students)</td>
<td>23</td>
</tr>
<tr>
<td>5</td>
<td>Dobong</td>
<td>November 24,27</td>
<td>3rd grade 1 class (19 students)</td>
<td>39</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>4th grade 1 class (20 students)</td>
<td></td>
</tr>
</tbody>
</table>
FOOTPRINT TWO. 2020 RCE Dobong Story Year 1 Project: ESD textbook production

Korea Research Institute for Women's Life school textbook monitoring

Gain elementary school's Unit 7 activity (making EM mosquito repellent)

Gain elementary school's Unit 7 activity (making EM earthen ball)

Gain elementary school's Unit 7 activity (throwing EM earthen balls at Banghak stream)

Textbook monitoring process-1

Textbook monitoring process-2
여러분은 엄격할 나가나 동아리 적어 안녕하세요?
오늘 전화를 받아요. 요약하고 있는 부분은 음식을 먹은 후 동아리를 갖는 형태로요. 요약의
과정을 보게요. 다음 음식을 먹는 순서대로 음식을 먹는 후 동아리를 갖는 음식을 먹는 순서
대로 보세요. 음식을 먹은 후 동아리를 갖는 순서대로 음식을 먹는 후 동아리를 갖는 음식을
먹고 있을 때요. 외국인들이 동아리를 갖는 음식을 먹는 후 동아리를 갖는 음식을 먹고 있을 때요.

악행은 사람들의 사생활에 어떤 영향을 미칠까요?

- Questionnaire survey
List of textbook monitoring participants

**Ssangmun elementary school**

2nd Grade - Class 1  TEACHER Choi Eun-suk

Kim Beom-jun, Park Ki-seong, Park Ki-tae, Park Tae-kyeong, Ahn Ji-wan, Yang Hyeon-wu, Oh Hyeon-min, Lee Seo-hwi, Lee Hyeong-ju, Cha Hee-jun, Park Seong-jin, Ko Ji-yeong, Kim Ji-yeong, Noh Ji-eun, Seo Hyo-rin, Yoo Chae-yun, Lee Eun-seo, Lee Ji-won, Jeong Ji-wu, Jo Yun-a, Hong Min-yeong, Choi Ga-eun, Park Jin-hee

6th Grade - Class 2  TEACHER Kang Soo-jeong


**Banghak elementary school**

5th Grade - Class 2  TEACHER KI JI-BIN


**Gain elementary school**

3rd Grade - Class 1  TEACHER Lee Su-yeon


3rd Grade - Class 2  TEACHER Kim Da-sol

6) Textbook title selection

Department of Sustainable Development x Dobong-gu Sustainable Development Committee members worked together to create the textbook title.

<table>
<thead>
<tr>
<th>Stage</th>
<th>Major Contents</th>
<th>Schedule</th>
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| Stage 1 | • Held training (academy) at the 2020 Sustainable Development Committee  
• Climate and environment section (5 persons), Education and culture section (7 persons), Health and welfare section (7 persons), System administration section (6 persons), Economic industry section (4 persons) → 29 persons in total | October 12-28 |
| Stage 2 | • Text mining analysis using R program  
• Sentence analysis submitted by 29 people (137 items)  
• 92 words extracted from 137 sentences  
• Word ranking: Earth (Priority 1), Me (Priority 2), Us (Priority 3), All (Priority 4), Future (Priority 5)  
• Create the title centering on the 1st-5th ranking words (5) / Department of Sustainable Development  
• Text mining: A statistical analysis technique that finds information by identifying the frequency of occurrence of words and the relationship between words | November 2-13 |
| Stage 3 | • Conduct a survey to select the 1st-3rd ranking title (online survey)  
• Private sector members of the Sustainable Development Committee (27/42 people)  
• Survey method: anonymous offline survey (2 votes per person)  
• **1st priority - 17 promises from our village to planet Earth (63%)**  
• 2nd priority - Sustainable Planet Earth Story (51.9%)  
• 3rd priority - Sustainable life starting with ‘me! you! us!’ (37%)  
• 4th priority - Me, you, tomorrow, and the next generation (33.3%)  
• 5th priority - Sustainable Action Stories that We Can Tell: From the village to planet Earth (14.8%) | December 7-10 |
| Stage 4 | • Select textbook title: 17 promises from our village to planet Earth |
7) Textbook publication

- Internal and expert editing review and content supervision (November 20 - December 24, 2020)
- 17 promises from our village to planet Earth (one, two) publication (December 30, 2020)
I have already read it 20 times!

Internal review of textbooks

Textbook editing design

17 promises from our village to planet
Earth - 1

17 promises from our village to planet
Earth - 2
FOOTPRINT TWO.

2020

RCE Dobong Story

1 Year 1 Project:
ESD textbook production

2 RCE logo production

3 Domestic and foreign RCE networks
Together with design dream trees of Seoul culture high school located in Dobong-gu, we made a logo to promote RCE Dobong nationwide.

**Period**  July - December, 2020

**Participation target**  Students of the Culture Contents Design Department at Seoul Culture High  
  School teacher and students  
  • Guidance teacher: Jo Hyeon-young  
  • Students: Lee Ji-won, Lee Su-a, Shin Bo-young

**Meeting method**  5 meetings in the field workshop, 7 zoom meetings for supplementary work

**Logo direction**  Expressing ‘City for people, Bigger Dobong’ and the three axes of sustainable development (environment-social-economic)  
  ✖ Mt. Dobong (environment), people (society), graphic motif (economy)  
  ✖ Graphic motif: Mt. Dobong, Jeon Hyeong-pil’s house, Robot museum, Arena-complex-Transfer centre

**Colors**  Sustainable Development BI – Use of green (environment), orange (economy), and blue (social)
The University of Sustainable Development, which marks its third year this year, is a program of education for sustainable development for district residents, and it was established in 2018 to enhance the understanding of the sustainable development of district residents, and achieve the environment preservation, economic growth, and social integration with district residents, and further make Dobong-gu sustainably developed. Despite the difficulties arising from COVID-19, we have strictly followed the precautionary rules of operation for COVID-19, such as social distancing and pre-post quarantine.

**Period** July 14 - 30, 2020, 10:00 - 12:00 (Tuesday and Thursday)

**Place** Dobong-gu office, Ginkgo tree Room (B1F)

**Number of completion persons / Applicants** 30/41
The Competition project of the program for ESD, which started in 2018, is contributing to spreading awareness of sustainable development in the region and strengthening the capacity of district residents to practice sustainable development.

**Period**  May - November, 2020

**Project target**  Private bodies, private organizations, corporations, public institutions, etc.

**Contents of support**  Support for operating expenses for educational programs related to social, economic and environmental sustainability

  • Training expenses such as lecturer fees, textbooks and materials, public relations fees, and operating expenses

**Supported areas**  SDG 1-7, 11, 13-15, 17 (program of ESD related to human, Earth, and partnership)
Face-to-face ESD class

On-tact ESD class
2020 RCE도봉 연간 보고서

2020 RCE Dobong Annual Report
FOOTPRINT TWO.

2020
RCE Dobong Story

1. Year 1 Project: ESD textbook production
2. RCE logo production
3. Domestic and foreign RCE networks →
Domestic and foreign activities of RCE networks

1) Webinar of RCE cities in Asia-Pacific region

**Theme** COVID-19 response cases based on sustainable development education behaviors of RCE cities in Asia Pacific region

**Date** May 14 (1st), June 9 (2nd), June 11 (3rd), 2020

**Host-organizer** UN University, RCE Srinagar (Srinagar, India), RCE Greater Western Sydney (Greater Western Sydney, Australia)

**Participation method** Zoom platform

**Presentation contents** Dobong-gu case of blocking the spread of COVID-19 and overcoming the crisis in the local community

2) Webinar of IDRR in Asia-Pacific region

**Theme** Disaster Risk Reduction (DRR) Preparedness, COVID-19 and Sustainability

**Date** October 13, 11:00 - 13:00 (JST)

**Host-organizer** UN University, RCE East Kalimantan, RCE Srinagar, RCE East Java (Candidate)

**Participation method** Zoom platform

**Presentation contents** Sharing Dobong-gu’s disaster mitigation cases
RCE Dobong-Gu

1. A sudden, unpredictable occurrence
2. To prepare various scenarios for disaster occurrence with communities
3. Build a new disaster education system
3) Published in the webinar report

- **Date**: September 7, 2020
- **Contents of publication**: A case of response to COVID-19 based on ESD actions
  - Published on the RCE network homepage
Webinar report-1

Webinar report-2

REPUBLIC OF KOREA
RCE DOBONG-GU

RCE Dobong-gu is a government-led RCE. Taking advantage of the government-led strength, RCE Dobong-gu is systematically responding to COVID-19 along with various institutions and local residents in the community. Below is the summary:

- Health: Carrying out screening, providing the free mobile app for self-isolation, giving free hand sanitizers and masks to residents, disinfection of apartments, buildings, and space in Dobong-gu district.
- Promotion: Promoting posters, social media to inform COVID-19 response, posting daily on the website of the Dobong-gu office to inform the statues of COVID-19, campaign proposition for ‘green mask sharing’ by donating masks to needy neighbours.
- Online engagement: Meetings changed to online, especially governance meeting included Dobong-gu office and civilians.
- Education and culture: Opening free online courses like MOOCs, holding live music streams and virtual concerts to watch online.

Presented by: Dr. Bae Hyunsoo
4) The 13th Asia Pacific RCE regional meeting

The 13th Asia-Pacific RCE regional meeting was held in RCE Kyrgyzstan in Central Asia. This year, due to COVID-19, the RCE regional meeting was held four times in a form of webinar. RCE Dobong presented cases of the first-year project, ‘Textbook Production for Education for Sustainable Development’ and the response to COVID-19 based on ESD actions.

Theme: Building capacity for Sustainability
Period: September 10 (1st), September 24 (2nd), October 8 (3rd), October 22 (4th), 2020
Host-organizer: UN University, RCE Kyrgyzstan
Participation method: Zoom platform
Presentation contents: First year project of RCE Dobong, response to COVID-19 of RCE Dobong Based on ESD
Supporting mechanism to enhance ESD during/after the Pandemic

RCE Dobong-Gu’s Aiming at 4.7 of SDG4

**Target 4.7**
By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and non-violence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development.

Dobong-Gu is already engaged in ESD activities in various areas, even thought we do not use the terms such as SD and ESD.
- In the future, RCE Dobong-Gu will discover and link the human, material, and social capital of RCE Dobong-Gu to continuously establish the foundation for RCE operation.

RCE Dobong-Gu’s bike for sustainability

RCE Dobong concept – Bicycle towards sustainability
5) Green Consumer’s Day

In the webinar on the Green Consumer Day, we presented a good case compatible with environmental protection for the next generation through sustainable consumer behavior on the importance of green consumption and SDG 12 (sustainable production and consumption) in eight RCE cities in six countries, and shared the information.

Theme  Making right Choices, Becoming a Responsible Consumer
Period  September 28 - 29, 2020
   ☒ Participation of Dobong-gu: September 29
Host-organizer  UN University, RCE East Kalimantan, RCE Srinagar
Participation method  Zoom platform
Presentation contents
- Green Buddy, an environmental cafe
   - Presenter: Yang Yoon-sik, Team leader of Dobong Regional Self-Sufficiency Centre
- Making eco-friendly masks
   - Presenter: Kim Mi-young, Chief director of Dobong village education social cooperative ‘Hamdarak’
6) The 12th Tongyeong ESD International Forum · The 15th UNESCO ESD Colloquium

Theme  New normal era, Korea, Education and partnership for sustainable development

Date  October 30, 2020., 13:30 - 15:10

Host-organizer  Korean commission for UNESCO, Tongyeong city ESD centre

Participation method  Youtube live broadcast

Presentation contents  RCE Dobong project
Case presentation of Dobong-gu
7) Exchange with Asia-Pacific RCE cities

RCE Kitakyushu is a city which provided RCE Dobong with a lot of information and assistance when we received the UN University RCE certification. For the first time this year, members of Dobong-gu office, Dobong-gu Sustainable Development Committee, and RCE Kitakyushu ESD Council members met on a LAN line to discuss the education for sustainable development.

Theme Dobong-gu and Kitakyushu’s ESD activities in the COVID-19 situation

Date December 12, 2020, 14:00 - 17:00

Organize RCE Kitakyushu ESD council

Participation method Zoom platform

Exchange contents

Current status of RCE Dobong and RCE Kitakyushu, ESD operation status in COVID-19 situation, future direction of ESD operation, LAN line tour, etc.

[ kitsushuru: Location in Fukuoka, Japan, a world-class environmental city and RCE city (citizen-centered), Global Lifelong Learning City (GNLC), participated and presented at the 2019 Dobong RCE international forum

In addition, we conducted case submissions on SDG4 (Quality education for all) in Asia-Pacific region (a case of education for public officials in Dobong-gu for sustainable development, April 29, 2020), UNDRR GETI, DESA and UNOSD webinar (June 10, 2020), and participated in indigenous people day webinar (August 10, 2020) and world youth day webinar (August 12, 2020).
Preliminary meeting for exchange meeting

Case presentation of Dobong-gu

Exchange between Dobong-gu Sustainable Development Committee x RCE Kitakyushu ESD Council.
RCE Dobong, continuing the line for Year 2021

In 2021, we will continue the sustainable line of RCE Dobong through the textbook of ‘17 promises from our village to planet Earth’, through ‘Youth activities’, and through the ‘Domestic and foreign networks’.