Korean Green New Deal & K-SDGs

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I. Introduction

II. Korean Green New Deal

III. Korean Sustainable Development Goals

IV. Korean Green New Deal and K-SDGs

V. Conclusion
I. Introduction
Introduction: Paris Agreement and SDGs

- **Paris Agreement**: Limit the avg. global temperature increase to <2°C/1.5°C

- **SDGs**: Blueprint for peace and prosperity for people and the planet, now and into the future

- **Sustainable Future**
Introduction: Green New Deal and SDGs

COVID-19 Pandemic (2019~)

Climate Pandemic (Ongoing)

Korean New Deal

- Digital New Deal
- Green New Deal
- Stronger Safety Net
Ⅱ. Korean Green New Deal
Structure of the Korean New Deal

- **Digital ND**
  - Promote digital innovation & transformation
  - Investment in human resources
    - Create new jobs

- **Green ND**
  - Accelerate transition towards low-carbon and eco-friendly economy
  - Investment in human resources
    - Create new jobs

- **Stronger Safety Net**
  - Strengthen Basis for a people-centered inclusive society
Contents of the Green New Deal

Strategies

- Transition to a low-carbon green economy aiming at carbon neutrality; strengthen the competitiveness in green industry
- Global Green Leader: lead climate actions and pursue balanced development

Focus Areas

- Green Remodeling
- Green Smart School
- Renewable Energy
- Green Mobility
Ⅲ.K- SDGs
Establishment of K-SDGs

Cabinet Meeting

Committee on Green Growth
Committee on Sustainable Development

Social Inter-Ministerial Council
- Director General’s Meeting Of related ministries
- Director’s Meeting For governmental works

Inter-governmental committee

Joint Working Groups for each 17 Goals
(Private, public, academic parties including civil organizations)

Public Discussion
- Forum,
- Public survey etc..

Research Team
- Organizing the process of K-SDGs Establishment

Stakeholder Groups (K-MGoS)
(14 social groups)
# Strategy of K-SDGs

## Vision
Build an inclusive, innovative and sustainable nation

## Strategy

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## Goals

1. Inclusive society
2. Improving the quality of life
3. Clean environment
4. Global peace and cooperation

Establish 17 Goals, 119 Targets, 236 Indicators
IV. Green New Deal & K- SDGs
1. Sustainable Infrastructure and Nature Restoration

Project 1-1

- Turning public facilities into zero-energy buildings
  - Green Remodeling
  - Green Smart School

Directly Related K-SDGs

- 7.3 Save energy and increase energy efficiency

Interlinked K-SDGs

- 3.6 Protect and promote children’s health
- 7.2 Increase the generation of clean energy
- 8.1 Maintain the economic growth rate
- 8.2 Enhance policies to create decent jobs
- 8.5 Increase the youth employment rate
- 9.2 Secure industrial competitiveness by pursuing diversity in industries
- 9.5 Pursue industrialization with highly efficient use of resources
- 12.2 Efficient use of natural resources
- 13.1 Reduce the expected risk of climate change
1. Sustainable Infrastructure and Nature Restoration

- Restoring the terrestrial, marine and urban ecosystem
  - Smart Green City
  - Urban Forest
  - Ecosystem Restoration

Directly Related K-SDGs

- 6.6 Protect water-related ecosystems
- 11.6 Reduce the adverse impact of cities
- 11.7 Easy access to public green spaces
- 14.1 Preserve marine environment
- 14.6 Sustainable use of marine resource
- 15.1 Terrestrial ecosystem conservation
- 15.8 Ecological axis restoration

Interlinked K-SDGs

- 1.3 Strengthen the provision of social services to the poor and the vulnerable
- 2.3 Build sustainable food production system
- 3.1 Manage risk factors of chronic diseases
- 3.2 Improve mental health
- 3.4 Prevent infectious diseases
- 6.1 Provide safe and equitable drinking water for all
- 6.3 Improvement of water quality
- 8.1 Achieve economic growth for the benefit of everyone

...
1. Sustainable Infrastructure and Nature Restoration

Project 1-3

- Building a management system for clean and safe water
  - Smart Water Supply and Sewerage
  - Drinking Water Management

Directly Related K-SDGs

- 6.1 Provide safe and equitable drinking water for all
- 6.2 Provide sufficient and equitable sewer service
- 6.4 Pursue the effective use of water resource

Interlinked K-SDGs

- 1.3 Strengthen the provision of social services to the poor and the vulnerable
- 2.2 Increase the income of farmers by diversifying their income sources
- 3.1 Manage risk factors of chronic diseases
- 3.2 Improve mental health
- 3.4 Prevent infectious diseases
- 8.1 Achieve economic growth for the benefit of everyone
- 8.8 Improve working conditions
- 9.1 Provide reliable welfare services
- 11.5 Reduce the number of deaths and economic losses from disasters
Green New Deal & K-SDGs

2. Low-carbon and Decentralized Energy Supply

Project 2-1

Building a smart grid for more efficient energy management

- Smart meters
- Eco-friendly generation system
- Underground cables

Directly Related K-SDGs

7.3 Save energy and increase energy efficiency

Interlinked K-SDGs

3.3 Prevent death and injuries from accidents including traffic accidents
3.6 Protect and promote children's health
4.8 Build and upgrade education facilities
7.1 Ensure reliable access to energy services
7.2 Increase the generation of clean energy
8.1 Achieve economic growth for the benefit of everyone
8.3 Limit environmental damage caused by economic growth
8.5 Increase the youth employment rate
2. Low-carbon and Decentralized Energy Supply

Project 2-2

Promoting renewable energy use and supporting a fair transition
- Wind farm
- Solar farm
- Fair transition

Directly Related K-SDGs

7.2 Increase the generation of clean energy

Interlinked K-SDGs

2.2 Increase the income of farmers by diversifying their income sources
2.3 Build sustainable food production systems
7.3 Save energy and increase energy efficiency
8.5 Increase the youth employment rate
9.3 Strengthen international competitiveness by building technical capacity
12.2 Achieve sustainable management and efficient use of natural resources
13.4 Reduce greenhouse gases
### 2. Low-carbon and Decentralized Energy Supply

**Project 2-3**

Expanding the supply of electric and hydrogen vehicles
- Electric and hydrogen vehicles
- Old diesel cars phase-out

**Directly Related K-SDGs**

7.4 Minimize air pollution from energy consumption in the transportation sector

**Interlinked K-SDGs**

- 3.7 Reduce death from hazardous chemicals
- 9.2 Secure industrial competitiveness by pursuing diversity in industries
- 9.3 Strengthen competitiveness by building technical capacity
- 9.4 expand the country’s human and financial resources
- 11.6 Reduce the adverse environmental impact of cities
- 13.4 Reduce greenhouse gases
3. Innovation in the Green Industry

Project 3-1

Promoting prospective businesses to lead the green industry, and establishing low-carbon and green industrial complexes

- Green startup town
- Smart energy platforms

Directly Related K-SDGs

- 9.2 Secure industrial competitiveness by pursuing diversity in industries
- 9.4 Expand the country's human and financial resources
- 9.5 Pursue industrialization with efficient use of resources through eco-friendly industrial activities

Interlinked K-SDGs

- 2.2 Increase the income of farmers by diversifying their income sources
- 2.3 Build sustainable food production systems
- 7.2 Increase the generation of clean energy
- 7.3 Save energy and increase energy efficiency
- 8.1 Achieve economic growth for the benefit of everyone
- 8.2 Enhance policies to create decent jobs
- 8.5 Increase the youth employment rate
- 13.1 Climate change adaption
3. Innovation in the Green Industry

Project 3-2
Laying the foundation for green innovation via the R&D and finance
- Carbon capture utilization and storage (CCUS)
- Measures against fine dust
- Resource recycling
- Green finance

Directly Related K-SDGs
9.2 Sustainable Industry
11.6 Urban air quality and waste management
12.9 Plastic recycle
13.4 Reduction of greenhouse gases

Interlinked K-SDGs
3.6 Protect and promote children’s health
3.7 Reduce death from hazardous chemicals
8.1 Achieve economic growth for the benefit of everyone
8.2 Enhance policies to create decent jobs
8.3 Limit environmental damage caused by economic growth
12.2 Achieve sustainable management and efficient use of natural resources
12.5 Reduce waste generation
13.1 Reduce the expected risk of climate change
Green New Deal & K-SDGs

Directly Related K-SDGs

Interlinked K-SDGs
V. Conclusion
• Greener Recovery Package for Covid-19

• Inclusive dialogue for Green Transition for All

• Aligning Green Recovery Package/Climate Actions and the SDGs

• Good Practices for synergies (CC, Air Pollution, Health, Job)
Conclusion

Sustainable Society

Carbon Neutrality

GND Outcomes

K-SDGs Outcomes

Green Recovery and Just Transition