

Korean Green New Deal & K-SDGs

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I . Introduction

Introduction : Paris Agreement and SDGs

Paris
Agreement

Limit the avg. global
temperature increase
to $<2^{\circ}\text{C}/1.5^{\circ}\text{C}$



Sustainable
Future

SDGs

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



Introduction : Green New Deal and SDGs

COVID-19 Pandemic (2019~)



Climate Pandemic (Ongoing)



Korean New Deal



Digital
New Deal



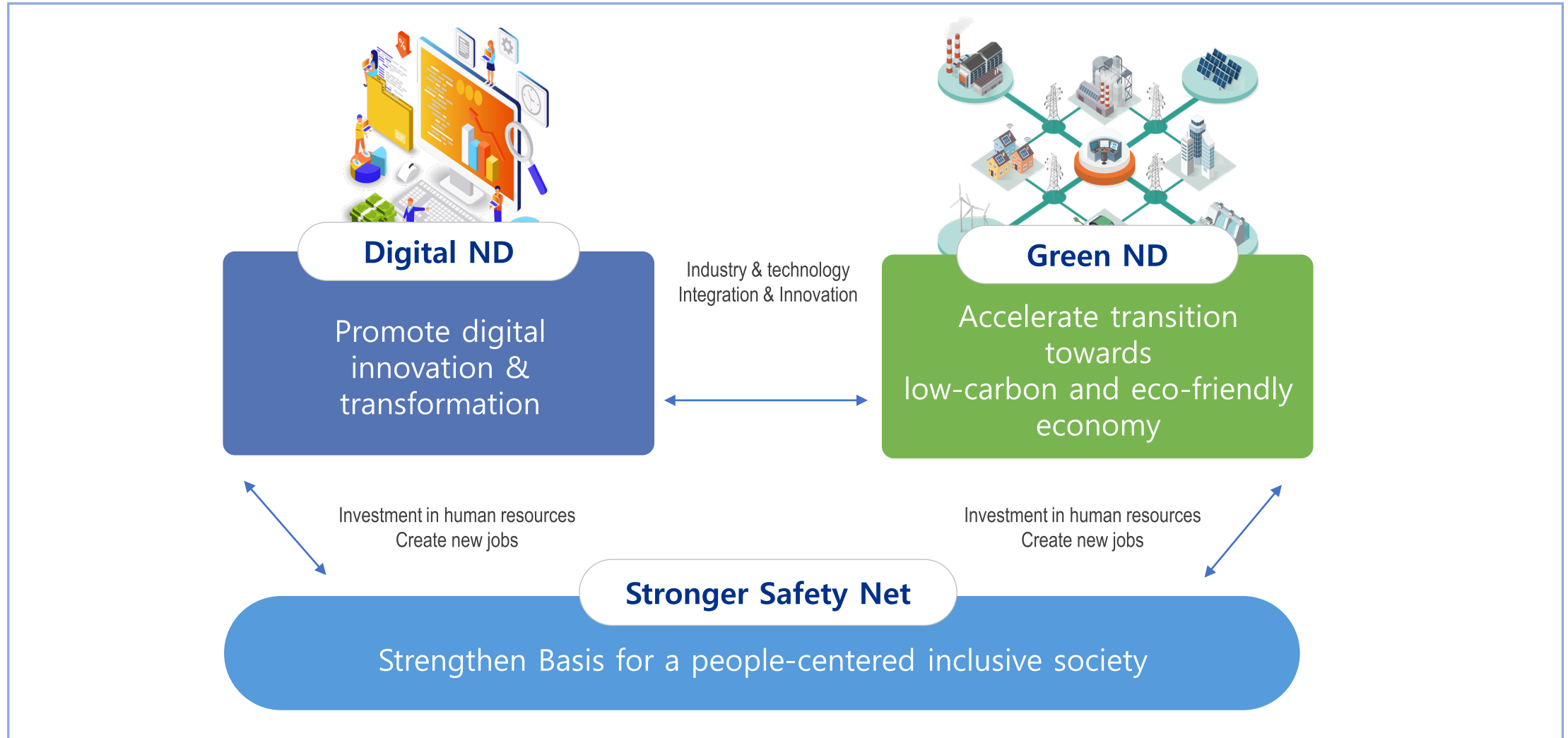
Green
New Deal



Stronger
Safety Net

II. Korean Green New Deal

Structure of the Korean New Deal



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



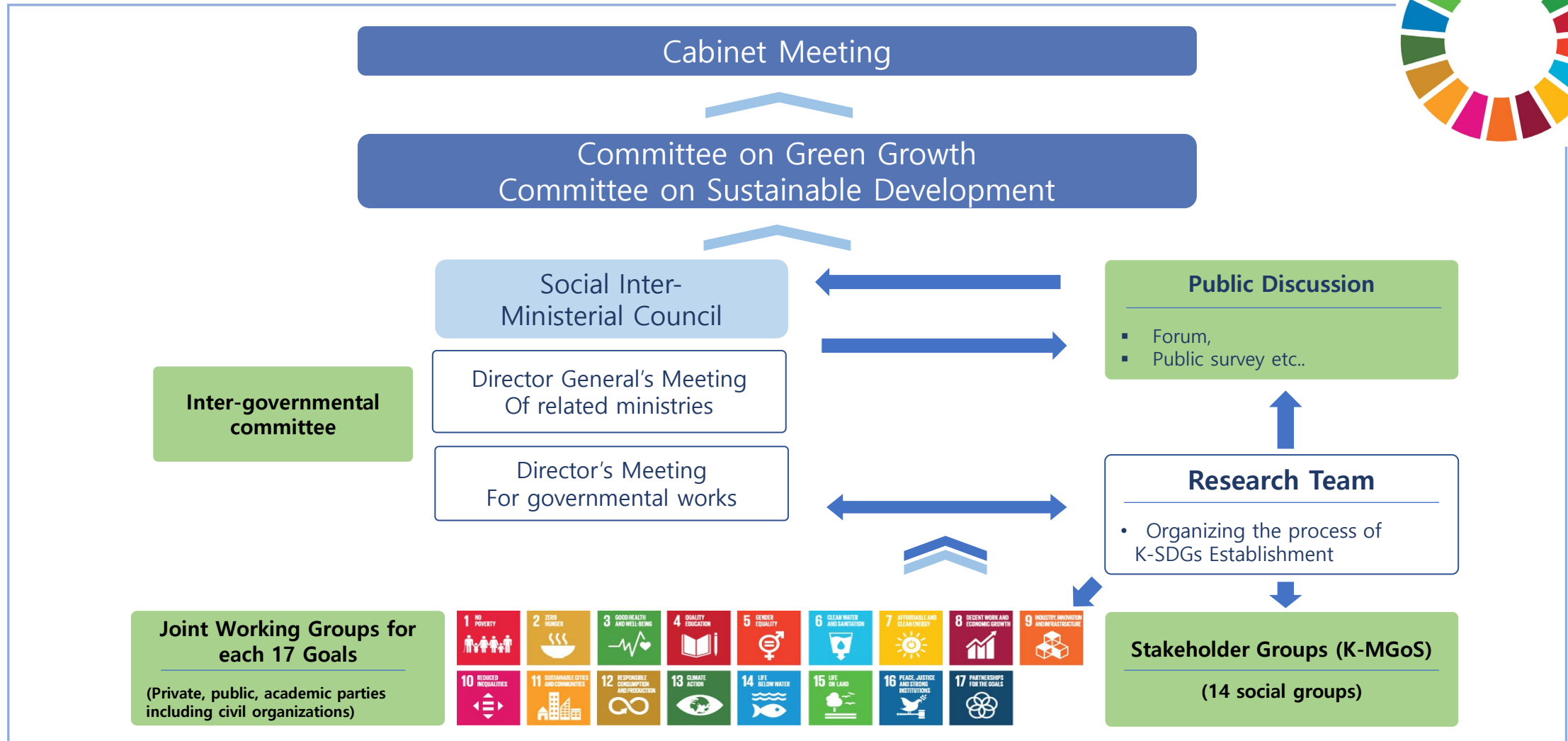
Renewable Energy



Green Mobility

III.K- SDGs

Establishment of K-SDGs



Strategy of K-SDGs



IV.Green New Deal & K- SDGs

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

Green New Deal & K-SDGs

1. Sustainable Infrastructure and Nature Restoration

Project 1-2

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 sys
- 3.1 Manage risk factors of chronic diseases
- 3.2 Improve mental health
- 3.4 Prevent infectious diseases
- 3.7 Reduce death from hazardous chemicals
- 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

...

Green New Deal & K-SDGs

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

Green New Deal & K-SDGs

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

Green New Deal & K-SDGs

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

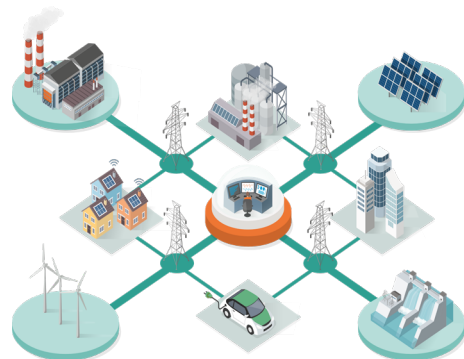


9.2 Sustainable Industry
11.6 Urban air quality and waste management
12.9 Plastic recycle
13.4 Reduction of greenhouse gases

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



Green ND

Directly Related K-SDGs



Interlinked K-SDGs



V.Conclusion

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

