

Republic of Korea's Global Partnership and forests for wellbeing

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1. Korean Forests

Forest Restoration and Economic Growth of Korea

Forest restoration and economic growth can be achieved **at the same time.**

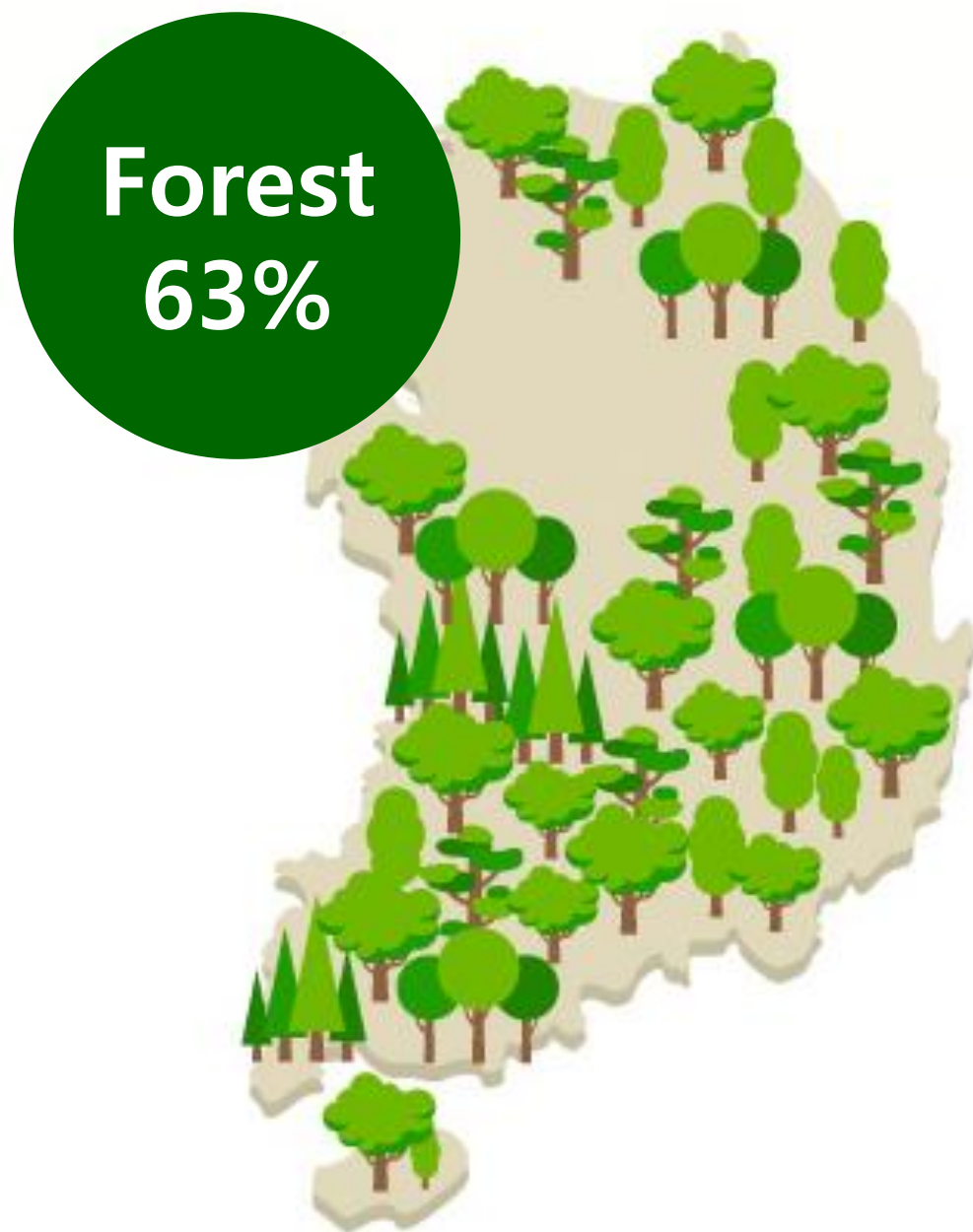


- GNI per capita USD **67** (1953)
- Population density **222** People /km² (1953)
- Growing stock per ha **6m³** (1953)

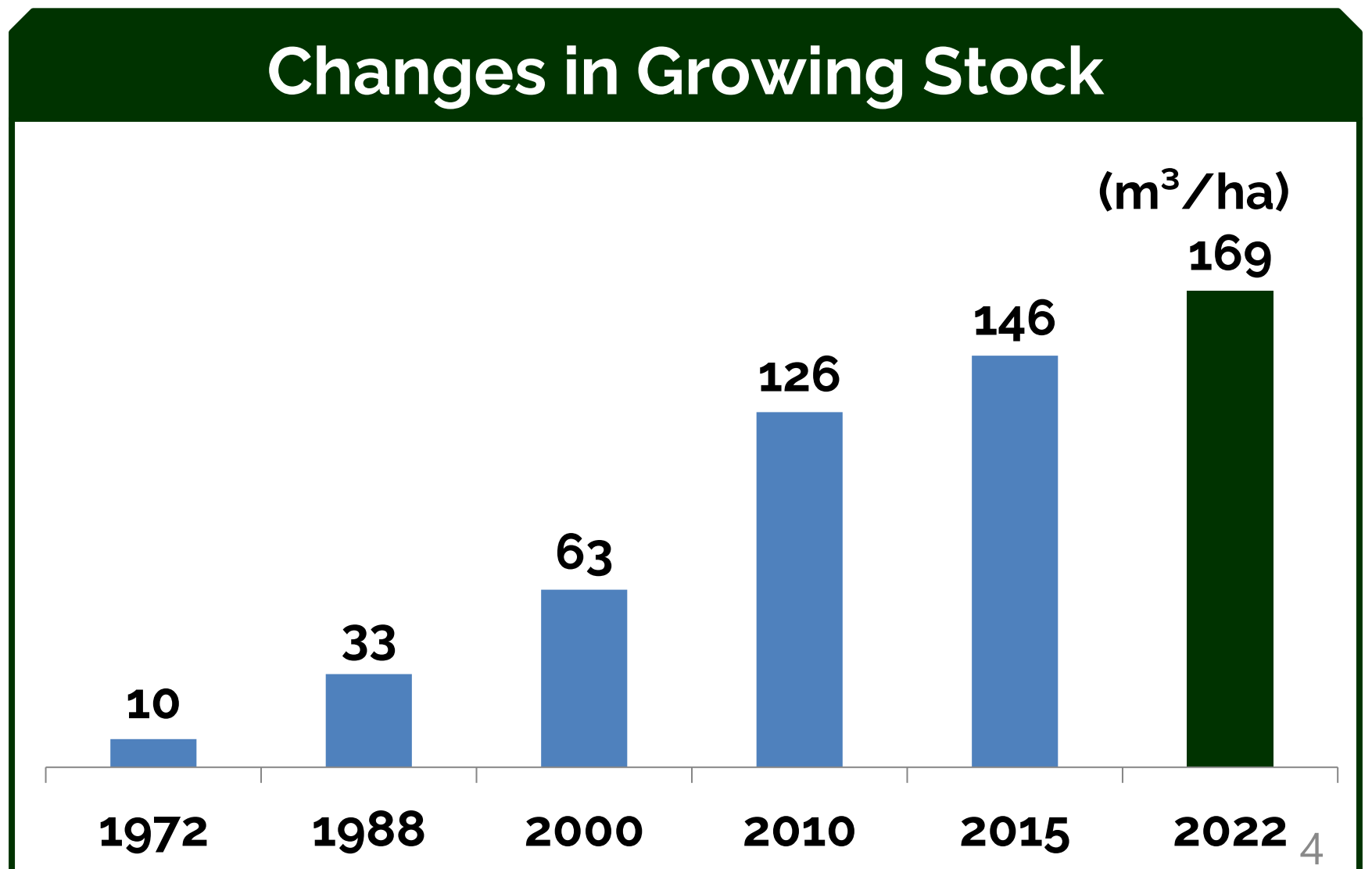
- GNI per capita USD **31,755** (2020)
- Population density **516** People /km² (2020)
- Growing stock per ha **165m³** (2020)

Current Status of Forests and Forestry in Korea

- Forest occupies 63% of the total landmass (6.3 M ha)

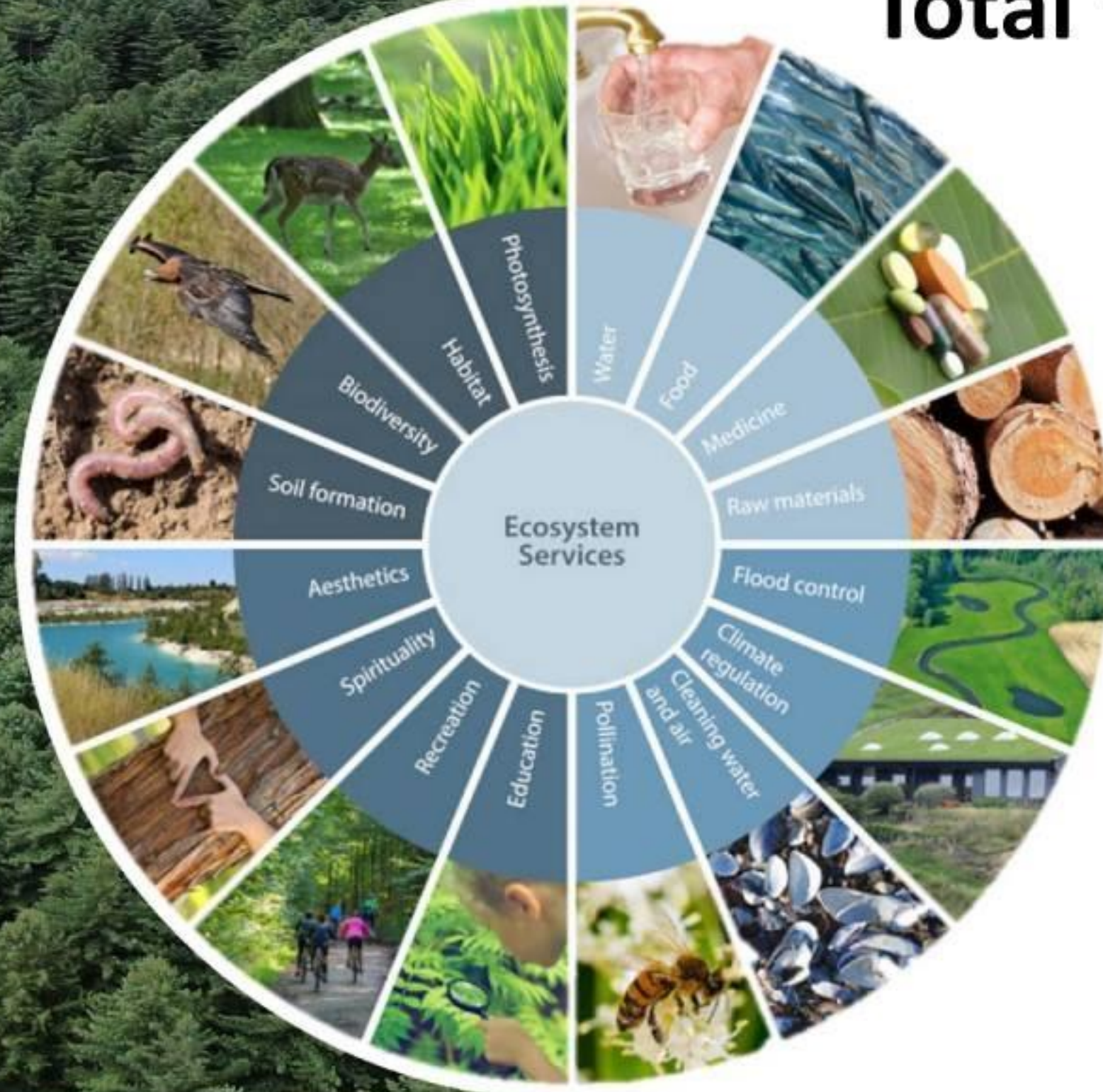


- Total growing stock **1,062 m³** (2022)
- Growing stock per ha **169 m³/ha** (2022)
- Carbon dioxide absorption **4.1 M tCO₂** (2020)



Benefit Evaluation on Forest Ecosystem in Korea

Total Value in 2020



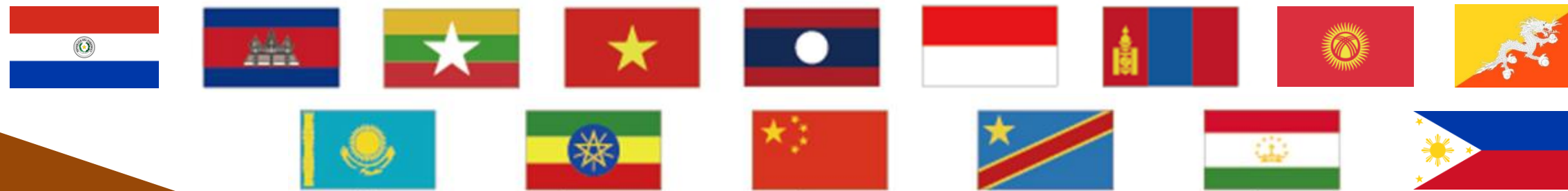
199 Billion USD
1USD = 1,300 KRW
(2023)

13.3 \$ of GDP

3,838 USD
Annual benefits of
forests per person

2. Global Partnership

International Forest Cooperation of Korea



Bilateral

- Having **39** countries in bilateral cooperation
- Implementing bilateral forest cooperation projects (ODA, REDD+, etc.)

International Forest Cooperation

Larger ODA budget followed by increased international forest cooperation
1.2 billion KRW (1M USD) (2007) → 19.6 billion KRW (15M USD) (2023)

- Cooperating with the International organizations (CBD, AFoCO, FAO, UNCCD, etc.)

Multilateral



Bilateral Projects (Official Development Assistance in Asia)

Greenbelt Plantation Project in Mongolia

Period : 2007-2026



Activities

- (1st phase) Planting trees in 3,046 ha, establishing nurseries, and conducting joint research
- (2nd phase) Creating urban forest and building capacity
- (3rd phase) Managing forest fire, restoring forest, and promoting agroforestry



Forest plantation



Tree planting



Urban forest in Ulaanbatar



Forest plantation technology center

Bilateral Projects (Official Development Assistance in Asia)

Cambodia Eco-tourism Project

Period : 2021-2024



Activities

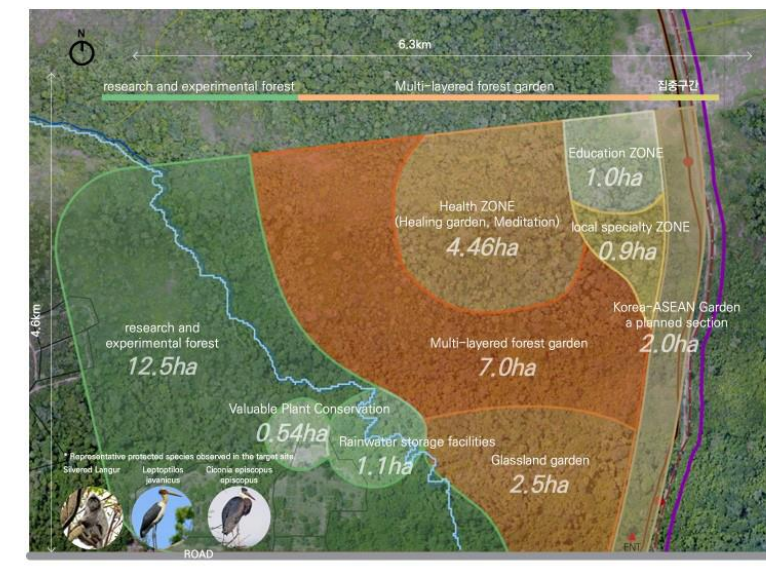
- Promoting eco-tourism that converges forests and tourism by developing Korea-Cambodia recreation forest model in Siem Reap Province
- Contributing to residents' income growth



Project site



High level meeting



Project area map



Project design

Bilateral Projects (Official Development Assistance in Asia)

Rehabilitation of Mangrove Forest

Period : 2020-2025



Activities

- Rehabilitating and managing Mangrove forests
 - Introducing shrimp farming using restored mangrove forests for income generation
- * First cross-sectoral collaboration project between forestry and fishery
Innovative assistance model that was selected by OECD in 2021**



Mangrove Planting



Project Launching



Bilateral Cooperation Meeting



Mangrove Planting

Bilateral Projects (Official Development Assistance in Asia)

Restoration of Burnt Peatland



Period : 2019-2022

Activities

- Implementing peatland forest restoration in burnt peatland
- Supporting re-wetting, revegetation and canal blocking on peatlands in Jambi province
- Improving livelihoods through forest restoration, community development, etc.



Project site



Peatland restoration



Canal management



Project Management Unit Office 11

Multilateral Projects

FERI (Forest Ecosystem Restoration Initiative)

- Period : 2015-2025
- Cooperating organization : CBD
- Objective : To contribute to Global Forest Goals by promoting forest ecosystem restoration through capacity building of developing countries and technical cooperation



FLRM (Forest and Landscape Restoration Mechanism)

- Period : 2014-2025
- Cooperating organization : FAO
- Objective : To contribute to Global Forest Goals by sharing successful experiences of Korean forest rehabilitation and supporting forests



Changwon Initiative

- Period : 2012-Present
- Cooperating organization : UNCCD
- Objective : To support implementation of UNCCD's strategy to prevent desertification and land degradation



PFI (Peace Forest Initiative)

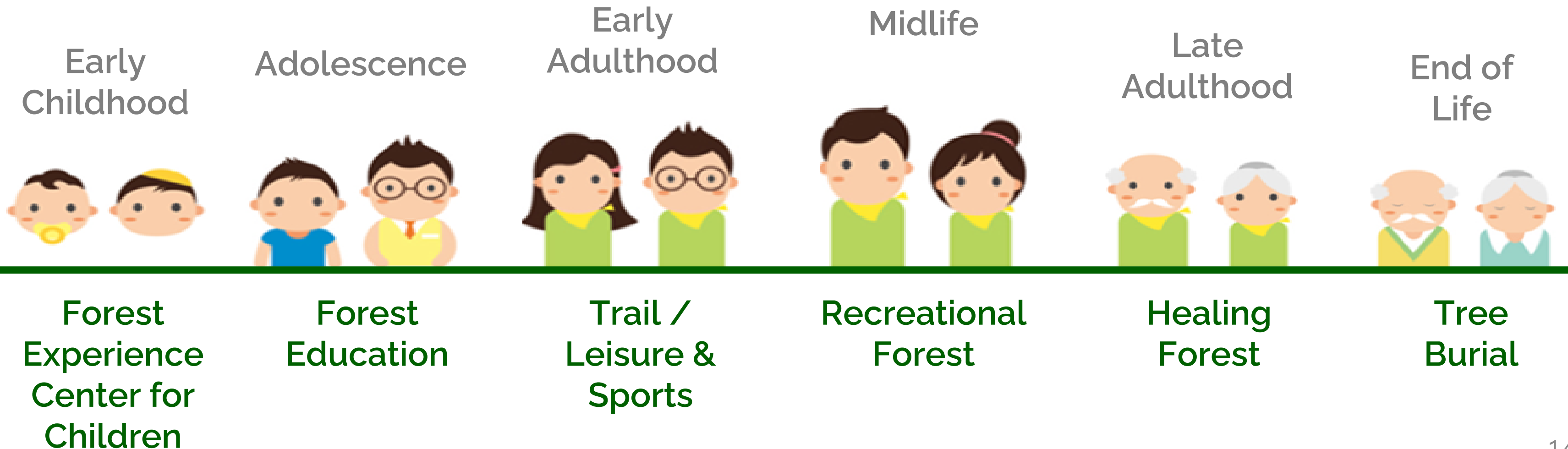
- Period : 2021-2030
- Cooperating organization : UNCCD
- Objective : To promote peace in border areas through reforestation and restoration of degraded land



3. Forests for wellbeing

Forest Welfare Service for Each Life Stage

Forest welfare service of Korea is designed to provide various benefits including recreation, culture, healthcare, education through forests from cradle to grave



Forest Education

What is Forest Experience Center for Children ?

- Educational facility for preschool aged children to experience forests
- 388 Forest Education Centers that are being operated nationwide

Benefits of forest experience for children

- Improving children's social skills and empathy for others
- Boosting creativity and strengthening immune system
- Fostering eco-friendly mindset in children
- Enhancing cognitive, emotional, and social self-concept development in children



Healing in Forests

Definition

- Activity to enhance health and immune system through various benefits of forests

Support for psychological recovery of COVID-19 response staff

- Around 4,000 COVID-19 response staff experienced “Forest Healing” (Improving mental health and reducing depressive feelings)

※ Healing Forests in Korea



< Forest Healing for COVID-19 response staff >



National Trail

- Introducing policy to designate trails with ecological, historical, and cultural value as national trail (June 2020)
- Designating first national trail including those on Mt. Jiri (6 National Trail as of 2021)



Mt. Jiri Trail



Baekdudaegan Trail



Daegwallyeong Trail



Naepo Trail



Recreational Forests

- Establishing recreational forests, forest parks and campsites to nourish mental and physical health of citizens
- 186 Recreational forests, 213 Forest park, 27 Campsites



Recreational Forest in Mt. Byeon



Recreational Forest in Mt. Unak



Recreational Forest in Shinsi Island



Campsite in Hwacheon



Forest Park in Mt. Geomma



Online Reservation System
(www.foresttrip.go.kr)

Establishment of Urban Forest

1. Establishing various urban forests as green infrastructure for day-to-day life
2. Planting roadside trees that reduce noise and air pollutants and create shade in cities
3. Creating gardens that are easily accessible



Urban forest in Ulsan



Roadside trees in Suwon



Smart garden

Roadside Trees



Bongpyeong-dong, Tongyeong



Paldal-gu, Suwon



Hyeonchungsa, Asan



Nami Island, Chuncheon

Gardens

Creating Nearby Gardens

- Build indoor and outdoor gardens, smart gardens, and model gardens to reduce fine dust, mitigate heat waves, and expand carbon sink



Outdoor Garden



Indoor Garden



Smart Garden

Thank You



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