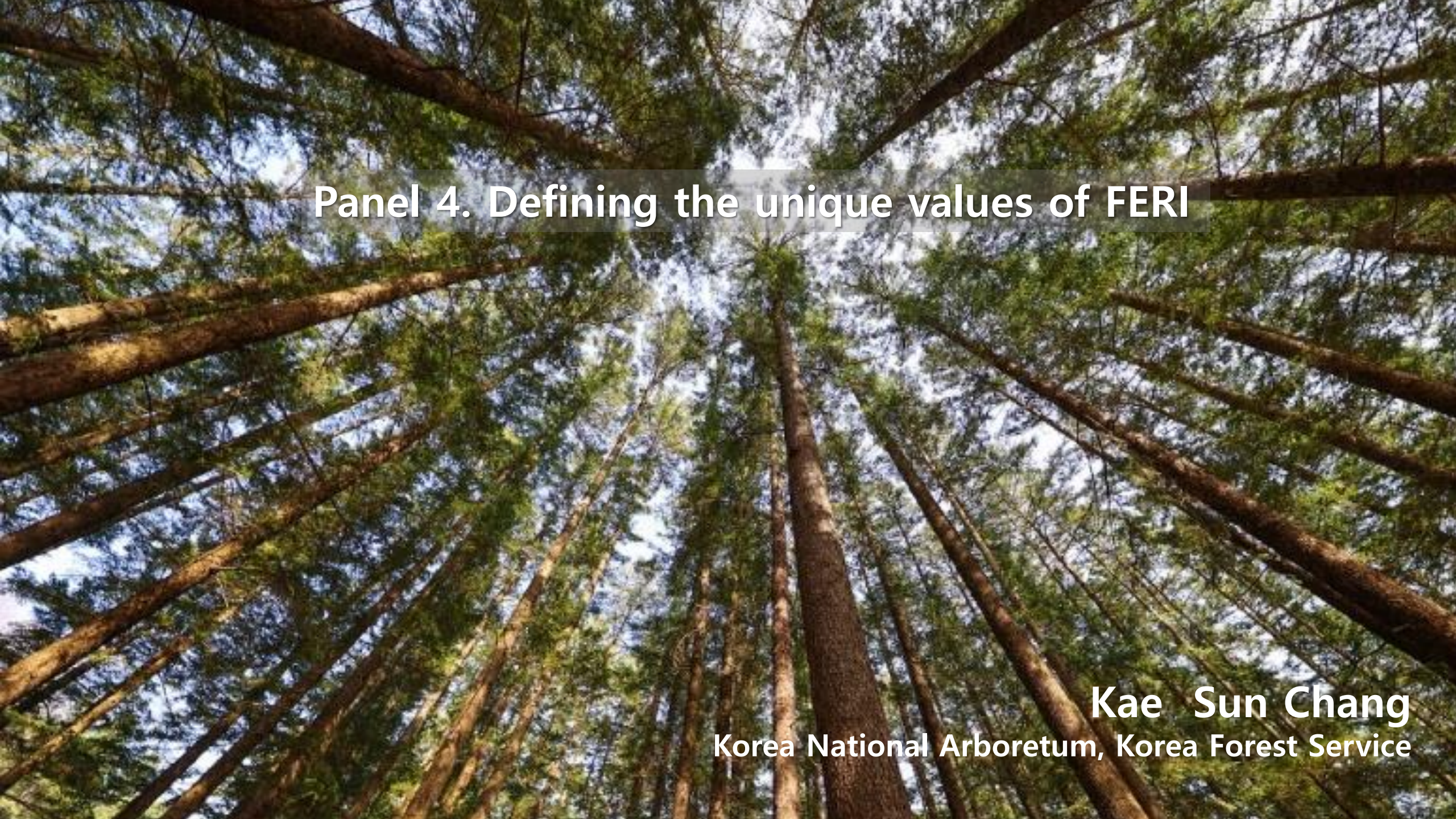




Panel 4. Defining the unique values of FERI

Kae Sun Chang
Korea National Arboretum, Korea Forest Service

THE WORLD'S FORESTS

Forests cover 31% of the world's land area, equivalent to 4 billion hectares. (2020, FAO)

In Korea, forests account for 63% of the land area, equivalent to 6.3 million hectares. (2020, KFS)

The world consumes 3.9 billion m³ of wood annually (Korea accounts for 30 million m³), and the total volume of wood in Korea is estimated at 1 billion m³.



Forests cover more than 30 million km², 1/3 of the Earth's surface.
Forests absorbs up to 1/3 of carbon dioxide released from fossil fuels every year.

Source: National Geographic Special Edition "Saving the Forests" (May, 2022)

Half a century ago..



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Korea National Arboretum



Success in mountain reforestation



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Gyeongsangbuk-do
Bonghwa-gun
Mt. Cheongoksan
Ecological Management
Forest
(Korea's Top 100
Premium Forest)

FERI at CBD COP 12, 2014



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10 YEARS AT A GLANCE

COP 16 (Cali, Colombia)

Updated NBSAPs and national targets to the KMGBCF

2024

2025

COP 15 (Montreal, Canada)

Adoption of the Kunming-Montreal Global Biodiversity Framework FERI Side Event

Massive Open Online Course on Ecosystem Restoration
16,835 people trained, 170 countries involved

2022

2023

Global Workshop Roadmap for Target 2 (Rome, Italy)
29 countries attended, 102 participants
Decision Supporting Tools Restoring Hope project, WePlan-Forests – Forests Platform

2021

FERI Publication The Forest Ecosystem Restoration Initiative on the Ground: Case Studies from Twelve Small-scale, Innovative Ecosystem Restoration Projects around the World
UN Decade on Ecosystem Restoration
<https://www.decadeonrestoration.org>

Workshop Caribbean sub-region (Castries, St. Lucia)

10 countries attended, 47 participants

2020

2019

Workshop Pacific sub-region (Nadi, Fiji)
8 countries attended, 37 participants
Workshop Thematic Workshop for the Post-2020 GBF (Rio de Janeiro, Brazil)
39 countries attended, 95 participants

COP 14 (Sharm El-Sheikh, Egypt)

Decision 14/30 on the importance of Forest Landscape Restoration (FLR)

2018

Publication Partnering with nature: The case for natural regeneration in forest and landscape restoration

COP 13 (Cancun, Mexico)

Updated assessment of progress towards Aichi Biodiversity Targets 5 and 15
62 Country dossiers
Decision XIII/5: Ecosystem Restoration: short term action plan

Workshop Latin America region (Bogota, Colombia)

19 countries attended, 66 participants

Workshop subregions of Asia (Bangkok, Thailand)

18 countries attended, 47 participants

2016

2017

Workshop Mediterranean and other countries (Agadir, Morocco)
11 countries attended, 15 participants
Workshop Central, Eastern and Southern Africa (Durban, South Africa)
15 countries attended, 60 participants
Publication A companion to the Short-Term Action Plan on Ecosystem Restoration – Resources, cases studies, and biodiversity considerations in the context of restoration science and practice.

COP 12 (Pyeongchang, Korea)

Decision XII/19 on ecosystem conservation and restoration GB04

2014

2015

Workshop West Africa subregion (Accra, Ghana)
15 countries attended, 60 participants

from FERI at 10 years (2024)

FERI at CBD COP 12, 2014



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Locations of projects supported by the Forest Ecosystem Restoration Initiative

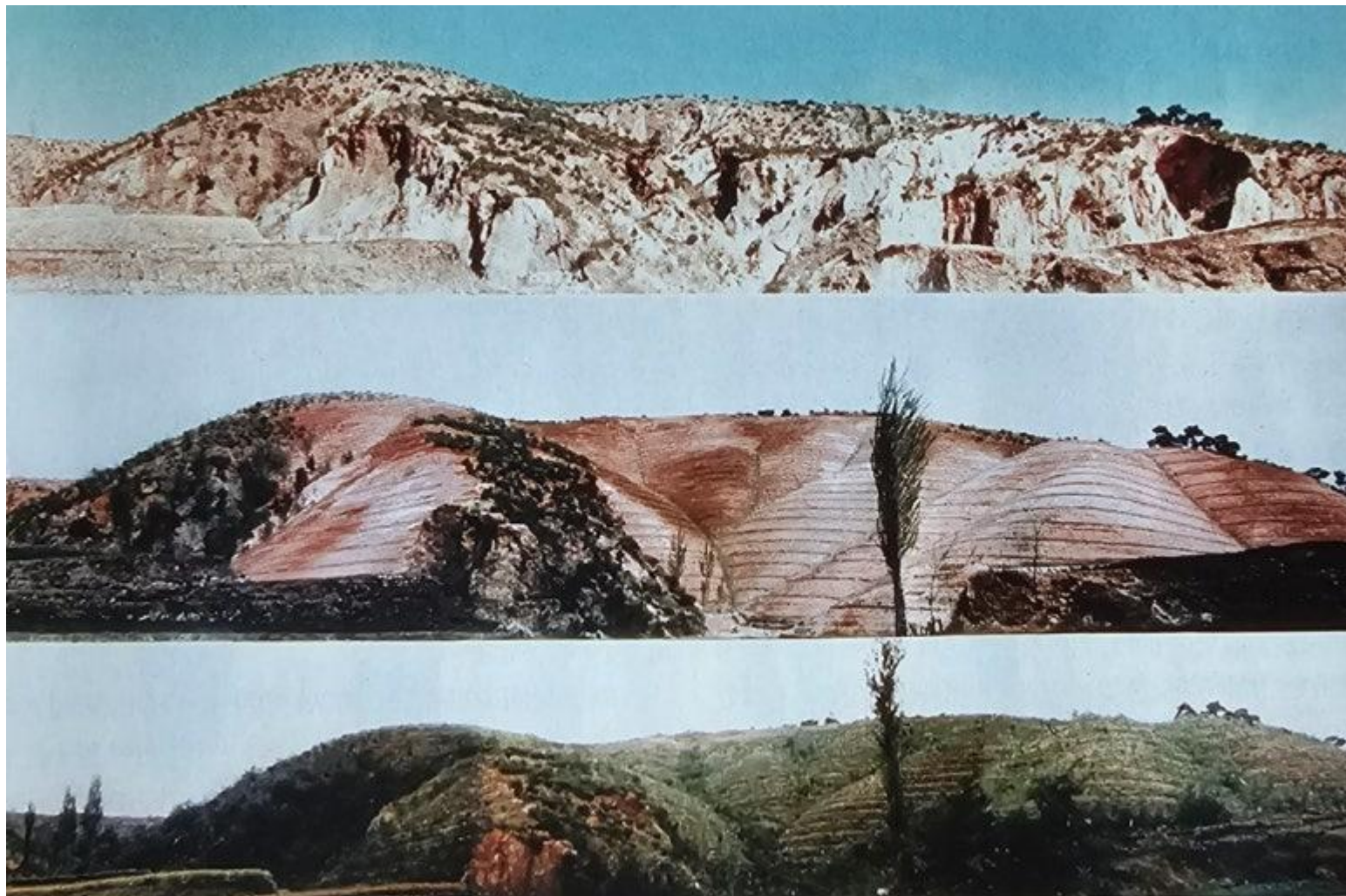


Reforestration on Korea



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Reforestration on Korea



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Grassland restoration in Daegwallyeong

Reforestration on Korea



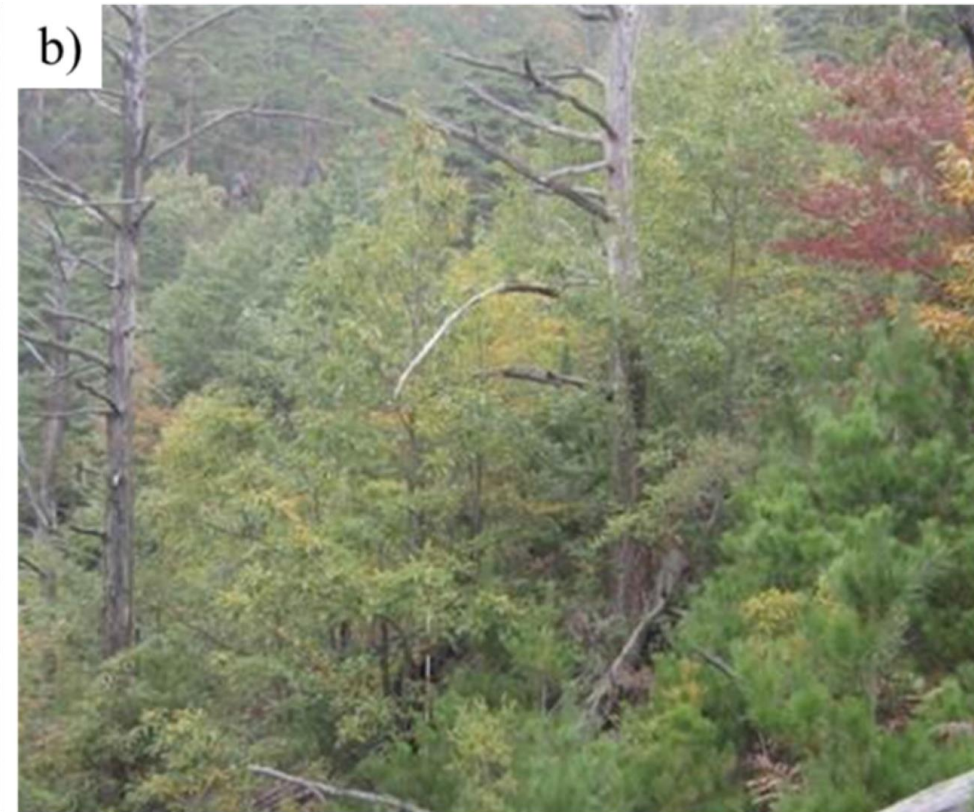
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Mining in Baekdudaegan

Reforestation in Korea



(a) Immediately after a fire (2000) and (b) passive restored site (2006)

Reforestation on Korea



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DMZ

Reforestation in Korea



(a) Log strip terracing and (b) partially burned trees piling along a topographic contour in a burned area to prevent soil erosion

Reforestation in Korea



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Supply systems for native species



Reforestation in Korea



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Restoration of Subalpine Conifer Forests



Reforestration in Korea



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On-site discussion on the outcomes and future management of the Baekdudaegan Ecological Axis forest restoration site



Other Events

1. 2019, Post-2020 Workshop
2. 2024, COP15 FERI side event
3. 2023, SBSTTA 25 side event
4. 2023, Target 2 Roadmap WS
5. 2023, UNFF – CBD side event



from FERI at 10 years (2024)

