



8TH
INTERNATIONAL
WILDLAND FIRE
CONFERENCE

Thematic Session: Forest & Economy -Public Policies

Date: 18 May 2023- Time: 14:30-16:00

Place: Arquivo Room/ALFÂNDEGA DO PORTO CONGRESS CENTER
Porto/Portugal

İsmail BELEN

About İsmail Belen

- Born in Türkiye, a Forest Engineer by training and expert on public management
- Currently;
 - Chief Inspector at the General Directorate of Forest of Türkiye- <https://www.ogm.gov.tr/tr>
 - Vice –Chair/Rapporteur of the United Nations Forum on Forest (UNFF)- <https://www.un.org/esa/forests/index.html>
 - Adviser to the President of the Chamber of Forest Engineers of Türkiye- <https://ormuh.org.tr/>
 - Chair of the International Platform of the Associations of Nature and Forestry- <http://www.gonder.org.tr/>
- Before;
 - Chair of the Committee on Mediterranean Forestry Questions (Silvamed) of FAO
 - Member of the General Coordination Committee of Forest Europe
 - Vice-Chair of UNECE Committee on Forests and the Forest Industry (COFFI)
 - Senior Agricultural and Forestry Expert of the World Bank
 - Deputy Director General of Forest
- For Contact;
 - Email: ismailbelen52@gmail.com
 - LinkedIn: <https://www.linkedin.com/in/ismailbelen/>
 - Facebook: <https://www.facebook.com/ismail.belen2>



Forest and Economy-Some facts and figures

- There can be no healthy economy on an unhealthy planet.
- On the other hand, if there is no economic value, there is no ecology and conservation.
- World gross domestic product-GDP (USD 84.4 trillion in 2020) depends moderately (USD 31 trillion per year) or highly (USD 13 trillion per year) on ecosystem services, including those provided by forests.
<https://www.fao.org/3/cb9360en/cb9360en.pdf>
- One-third of the global population (about 2.6 billion people) relies on wood and other traditional fuels for household cooking
- In general, 80 % of the extreme poor live in rural areas

Public policies that create incentives to develop economic activities in rural land

- Chile:
 - Thanks to a long-term reforestation policy, Chile's forest industry represents 2.1% of national GDP. USD 6.8 billion export, representing 9.1% of Chilean total export.
 - Annual harvesting of 48 million m³ from a total of 3.1 million hectares of plantation forest. Average annual increment of 30-40 m³ per hectare. ([World Bank](#)).
- Saudi Arabia:
 - In the year of 2022, the Kingdom of Saudi Arabia pledge to restore land and plant 50 billion trees and increase its vegetation cover by 12 times. ([UNCCD](#))
- Türkiye:
 - Thanks to the "Honey Forests", which started to be established by the General Directorate of Forestry since 2011, young people and women also turned to beekeeping besides men. ([AA](#))
 - An average of 10 thousand hectares of Forest land is damaged by forest fires per year. However, in 1946, a total of 165 thousand hectares of forest burned in one year.

This is [because](#) all forests were nationalized by a law approved by the Parliament in 1945.

BAL ORMANLARI



DÜNYA'DA 2.



Almost a hundred thousands hectares forests designated for beekeeping in Türkiye



20
02

4.1
MİLYON
KOVAN

74.500
TON BAL

20
21

8.1
MİLYON
KOVAN

104.000
TON BAL

TOP
LAM

673 ADET
BAL ORMANI

87.987
HEKTAR

Bringing communities closer to the planning process,

No leave behind in forestry

30 BÖLGE MÜDÜRLÜĞÜ



30 Regional Forestry
Directorate

ORGANİZASYON YAPISI

274 İŞLETME MÜDÜRLÜĞÜ



274 Sub Regional Directorate



ORGANİZASYON YAPISI

2141 ŐEFLİK




2141 Forest Management Unit



ORGANİZASYON YAPISI

Making rural land more managed and less prone to the landscape fires.

- In January 2022, the Forest Service of the USA launched a robust, 10-year strategy called “[Confronting the Wildfire Crisis: A Strategy for Protecting Communities and Improving Resilience in America’s Forests](https://www.fs.usda.gov/managing-land/wildfire-crisis),” that will dramatically increase the scale and pace of forest **health treatments** over the next decade. <https://www.fs.usda.gov/managing-land/wildfire-crisis>
- Wood-based products, which we use in many fields such as construction, furniture and paper, guarantee the health of Forests.
- Forests and trees become more resistant to fire and other threats when wood based are produced in accordance with forestry techniques and silvicultural methodologies.



Archie Hooted, fire prevention supervisor on the Flagstaff Ranger District, observes the Cavello Fire's progress in burning off forest fuels such as the pine needles carpeting the forest floor in this area. The 2015 Cavello Fire occurred southwest of Mitten Lake, near Flagstaff, AZ, on the Coconino National Forest. Fires such as this help remove down and dead forest fuels, increasing safety for communities and lessening the threat of severe wildfires in the area. USDA Forest Service photo by Deborah Lee Seltzer.

WILDFIRE CRISIS strategy

+20
MILLION

Complete treatments on up to an additional 20 million acres of National Forest System lands.

+30
MILLION

Complete treatments on up to an additional 30 million acres of other Federal, State, Tribal, and private lands.

10
YEARS

Develop a plan for long-term maintenance beyond the 10 years.

Parliament adopts new law to fight global deforestation

Press Releases [PLENARY SESSION](#) [ENVI](#) 19-04-2023 - 12:29



- An area larger than the EU was lost to deforestation between 1990 and 2020, with EU consumption causing around 10% of losses
- Cattle, cocoa, coffee, palm-oil, soya, wood, rubber, charcoal and printed paper products are covered by the new rules
- Human rights and the rights of indigenous people added as additional requirements

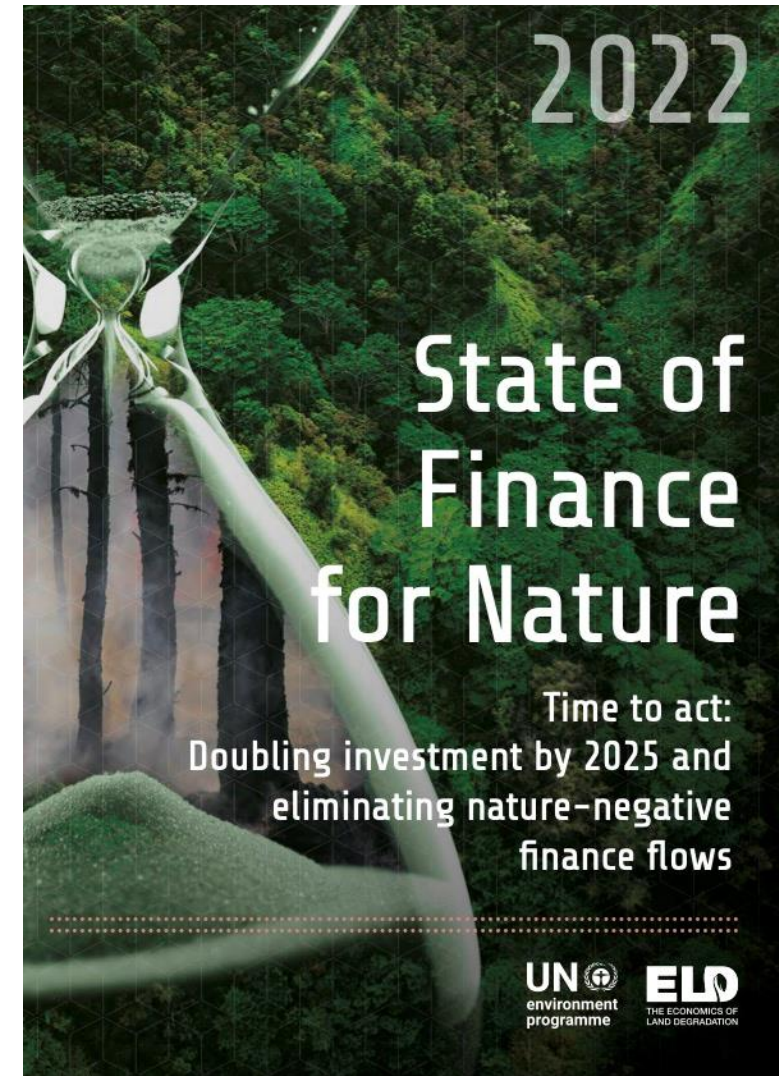


Further information

- > [Adopted text will become available here \(19.04.2023\)](#)
- > [Procedure file](#)
- > [EP research: Regulation on deforestation-free products \(12.04.2023\)](#)
- > [EP research: the European Union and Forests](#)
- > [EP research: Brazil and the Amazon Rainforest: Deforestation, biodiversity and cooperation with the EU and international forums](#)

Financing Nature Based Solutions

- The United Nations Environment Programme (UNEP) calculates that finance for nature-based solutions currently amounts to USD133 billion per year (UNEP, 2021); public funds make up 86% of this and private finance accounts for only 14%.
- State of Finance for Nature report indicated that annual investments in nature-based solutions will have to triple by 2030 and increase four-fold by 2050 (using 2020 as the base year).



State and Trends of Carbon Pricing

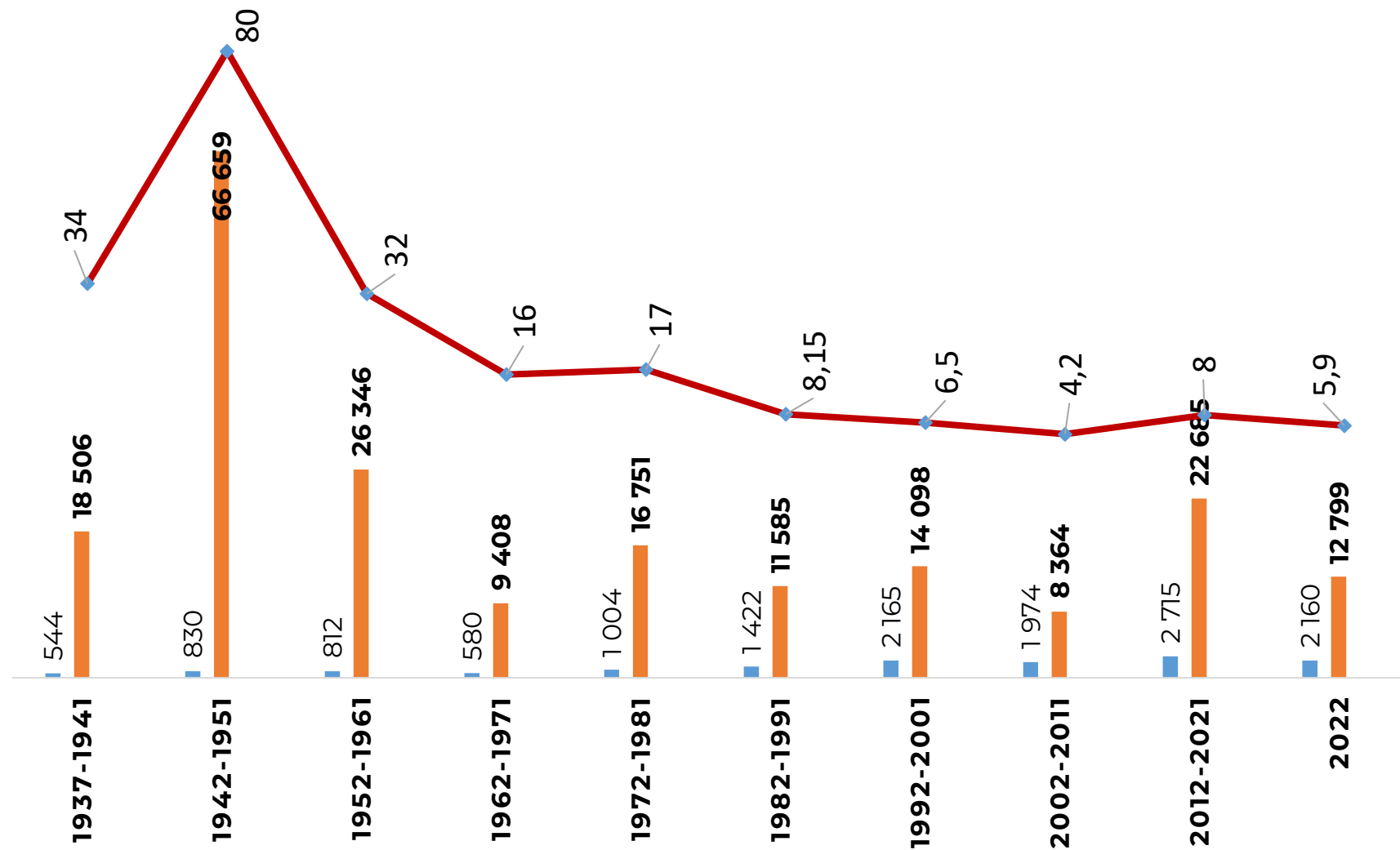
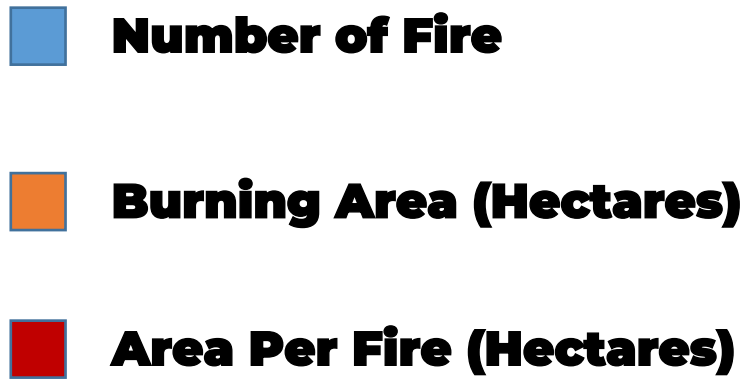
- In 2021, higher carbon prices resulted in a record USD 84 billion of global carbon pricing revenue, around 60% higher than in 2020.
- Nature-based credits are in especially high demand.
- Forestry and land use transactions more than doubled between 2020 and 2021.
- Increasing demand for carbon removals has resulted in price increases for these credits. (The World Bank-State and Trends of Carbon Pricing 2022)

Landscape Fire Governance Framework

- With over 300 million hectares burned annually, Landscape Fires are causing more severe impacts on populations and ecosystems.
- To better prepare societies the 8th International Wildland Fire Conference in Porto, proposes a fire governance model called [Landscape Fire Governance Framework](#).
- In my capacity as the Vice Chair and Rapporteur of the United Nations Forum on Forest (UNFF),
 - I fully support this Framework and,
 - I kindly invite The International Liaison Committee (ILC) of the International Wildland Fire Conference to actively participate the UNFF Process which the next session will be organized in New York between 6-10 May 2024 with the participation of Ministers and Heads of State/Government.

Fire Management needs systems, administrations, workers, technics and sure finance

Türkiye



OUR POWER TO FIGHTING FOREST FIRES



25.792
WORKERS



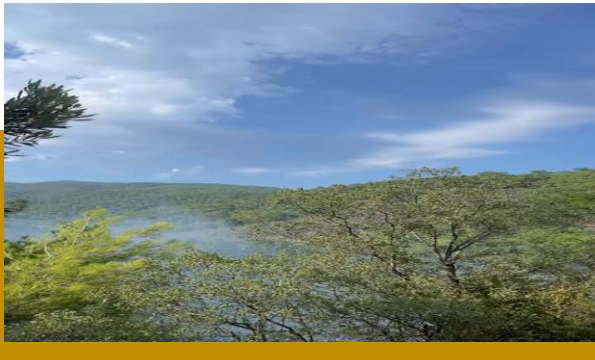
1.563
SPRINKLERS



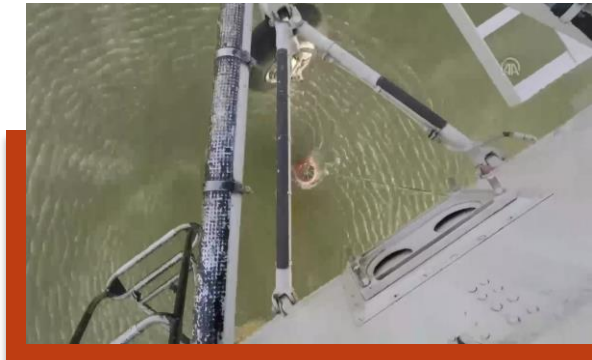
692
GRADERS AND VEHICLES



2.440
URGENT RESPONSE VEHICLES



19
WATER DROPPING PLANES



69
WATER DROPPING
HELICOPTERS



6
UNMANNED AIR VEHICLES

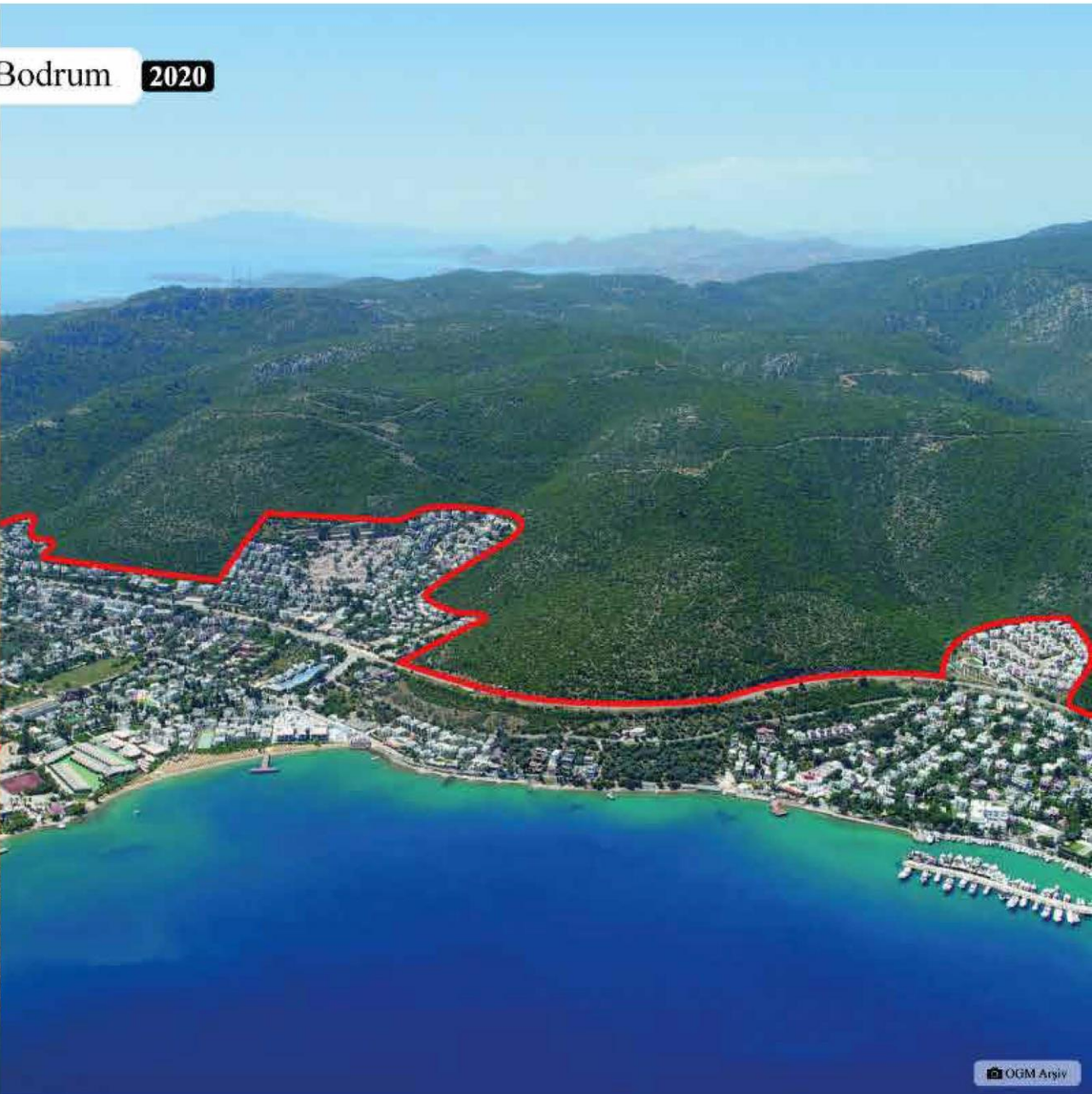


2
DİHA-VİTOL

UNMANNED AIR VEHICLE



2003 Muğla/Bodrum 2020



2017

İzmir/Foça

2020





Reducing the number of fires as much as possible, extinguishing the fires in the fastest and most economical way, rehabilitating the environment, forests and people after the fire, and finding appropriate financing for all these are among the basic duties of the public.

İsmail BELEN
Muito obrigado