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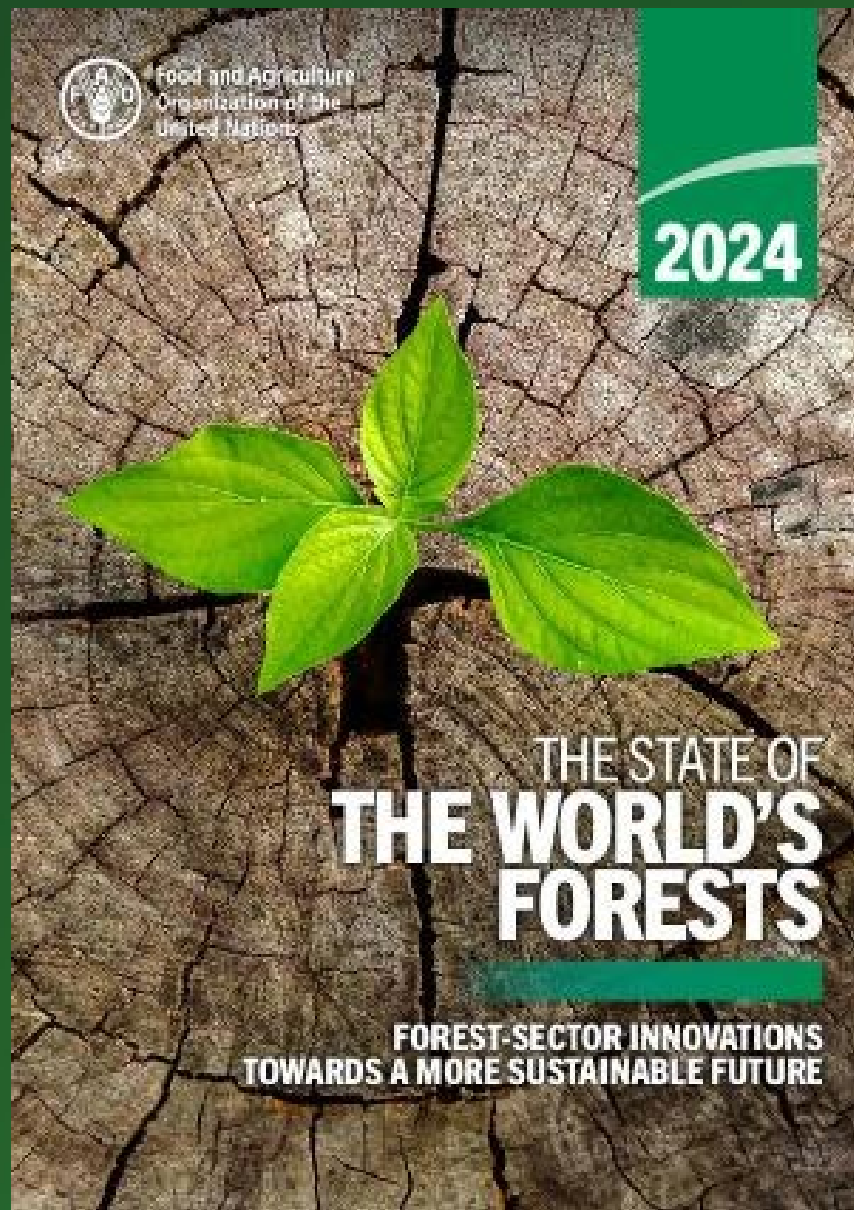
# **State of the World's Forests 2024: Forest-sector innovation towards a more sustainable future**

**COP29**

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# The State of the World's Forests 2024

This edition of *The State of the World's Forests* (SOFO) provides highlights on the state of the world's forests and explores the transformative power of evidence-based innovation in the forest sector, ranging from new technologies to creative and successful policies and institutional changes, to new ways of getting finance to forest owners and managers.



**SOFO 2024 Report and In Brief available in 6 languages**

Arabic, Chinese, English, French, Spanish and Russian



# Latest trends and need for forest-sector innovation

Recent data indicate **significant reduction in deforestation** in some countries

But **climate change making forests more vulnerable to stressors** (wildfires and pests)

**Global wood production at record levels** (~4 billion m<sup>3</sup> per year), and **nearly 6 billion people use non-timber forest products**

**Projections to 2050 indicate significant increases in wood demand**, albeit in a wide band

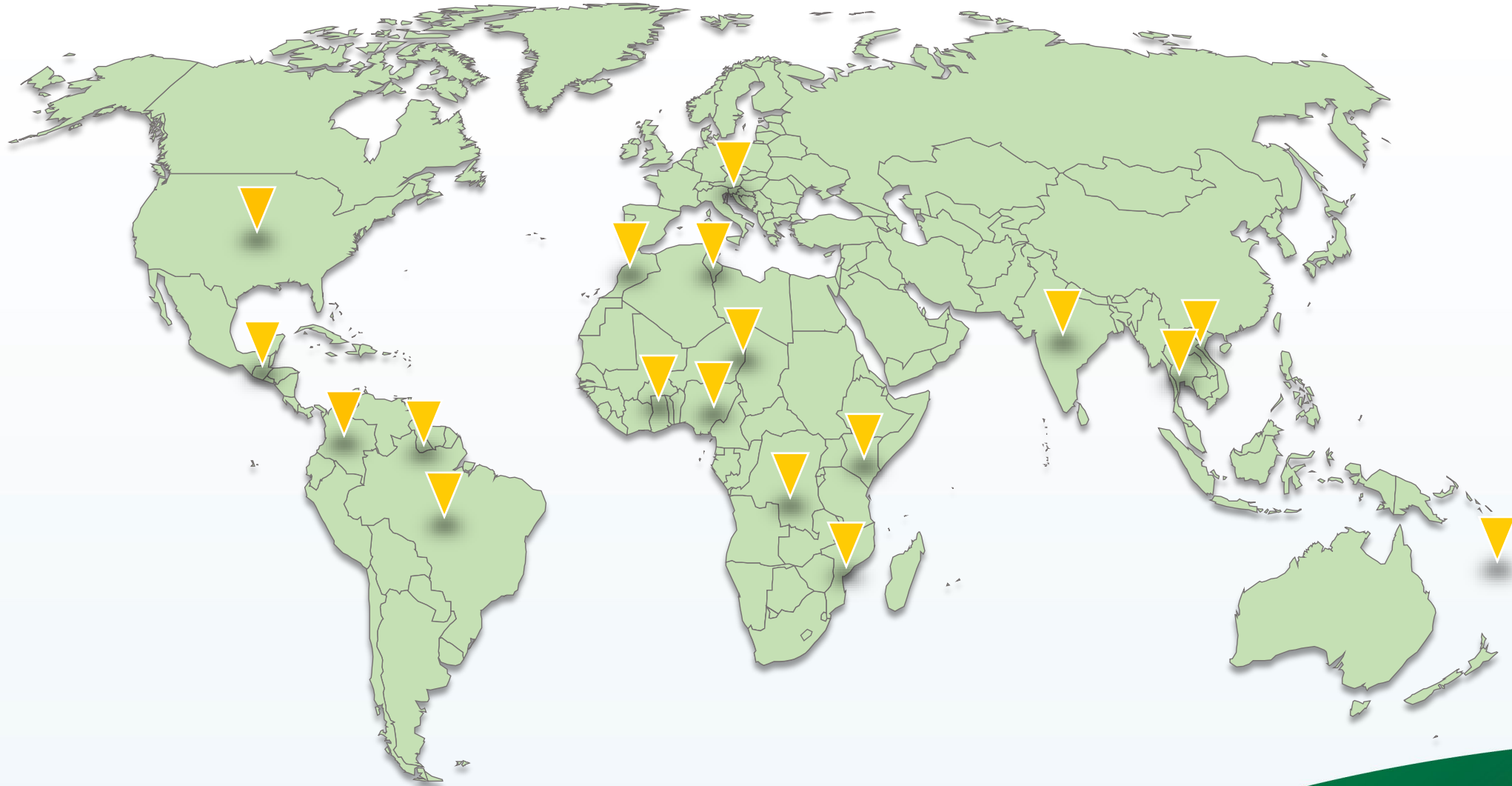
**Climate change and rising demand for forest products drive need for innovation**



**5 types of innovation are enhancing potential of forests and trees to address global challenges**



# 18 case studies illustrate forest-sector innovation



# Halt deforestation and maintain forests



**Sustainably use forests and build green value chains**

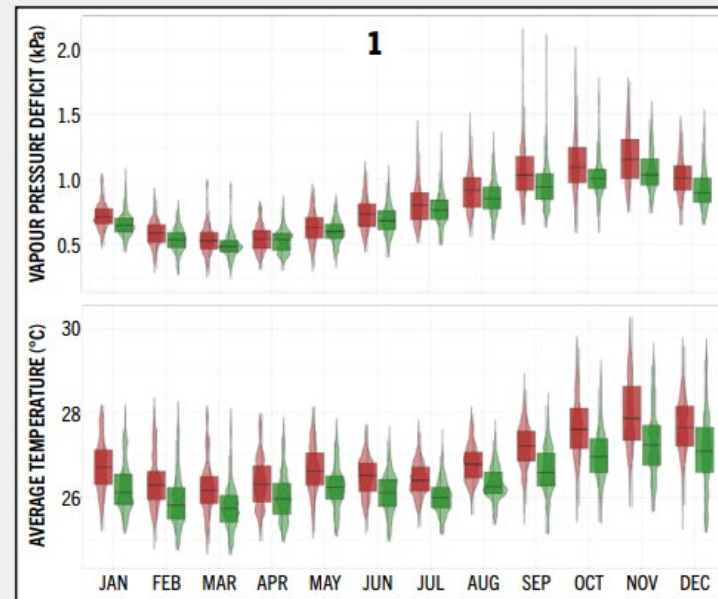
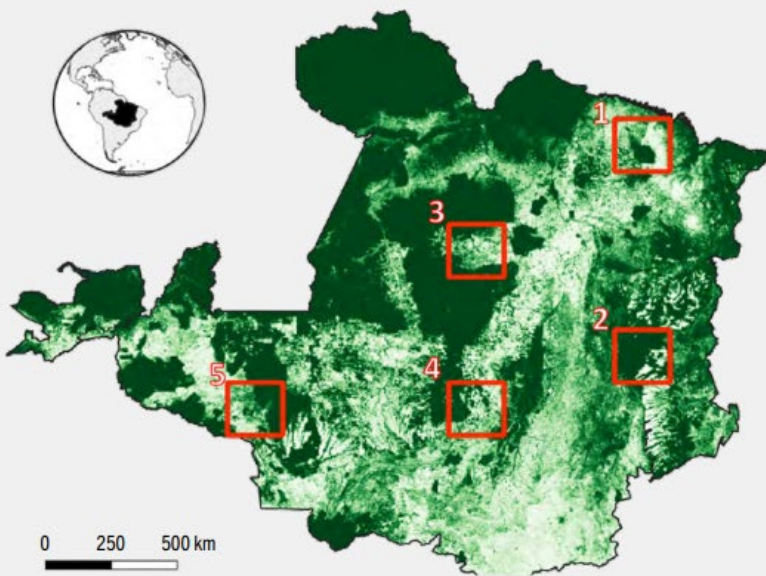
# Bolster restoration and expand agroforestry





# Financing forest conservation through new data on role of forests in agricultural productivity

**FIGURE 8** DEFORESTATION IN THE AMAZON–CERRADO REGION AFFECTING VAPOUR PRESSURE DEFICIT AND MEAN TEMPERATURE IN LANDSCAPES WITH DIFFERING LEVELS OF AGRICULTURAL INTENSIFICATION, OVER A CALENDAR YEAR



- Digital innovation quantified cooling benefits of forests for soybean yields in Brazil
- **CONSERV Programme:** Incentives for soy farmers to protect forests on private lands

# Restoration monitoring

<https://ferm.fao.org/>



FRAMEWORK FOR ECOSYSTEM RESTORATION MONITORING

UNITED NATIONS DECADE ON ECOSYSTEM RESTORATION 2021-2030

## FRAMEWORK FOR ECOSYSTEM RESTORATION MONITORING

→ REGISTER  
Your restoration initiative and good practices

VISUALIZE  
The latest geospatial data on restoration

SEARCH  
For good practices on ecosystem restoration

Download the FERM user guide

- The FERM, launched in 2022, has been developed and updated by the **UN Decade on Ecosystem Restoration Task Force on Monitoring**.

### PURPOSE

FERM is the official platform for:

- **Tracking global progress and disseminating good practices for the UN Decade on Ecosystem Restoration.**
- **Reporting areas under restoration for the Kunming-Montreal Global Biodiversity Framework Target 2.**



# Green funds for producer organizations



- **Collateral-free microfinance delivered to small forest businesses** through Viet Nam Farmers Union
- **53% forest and farm producer cooperatives** supported for agroforestry and long-rotation timber cultivation
- Drawing on power of **collective organizations**

Forest and Farm Facility



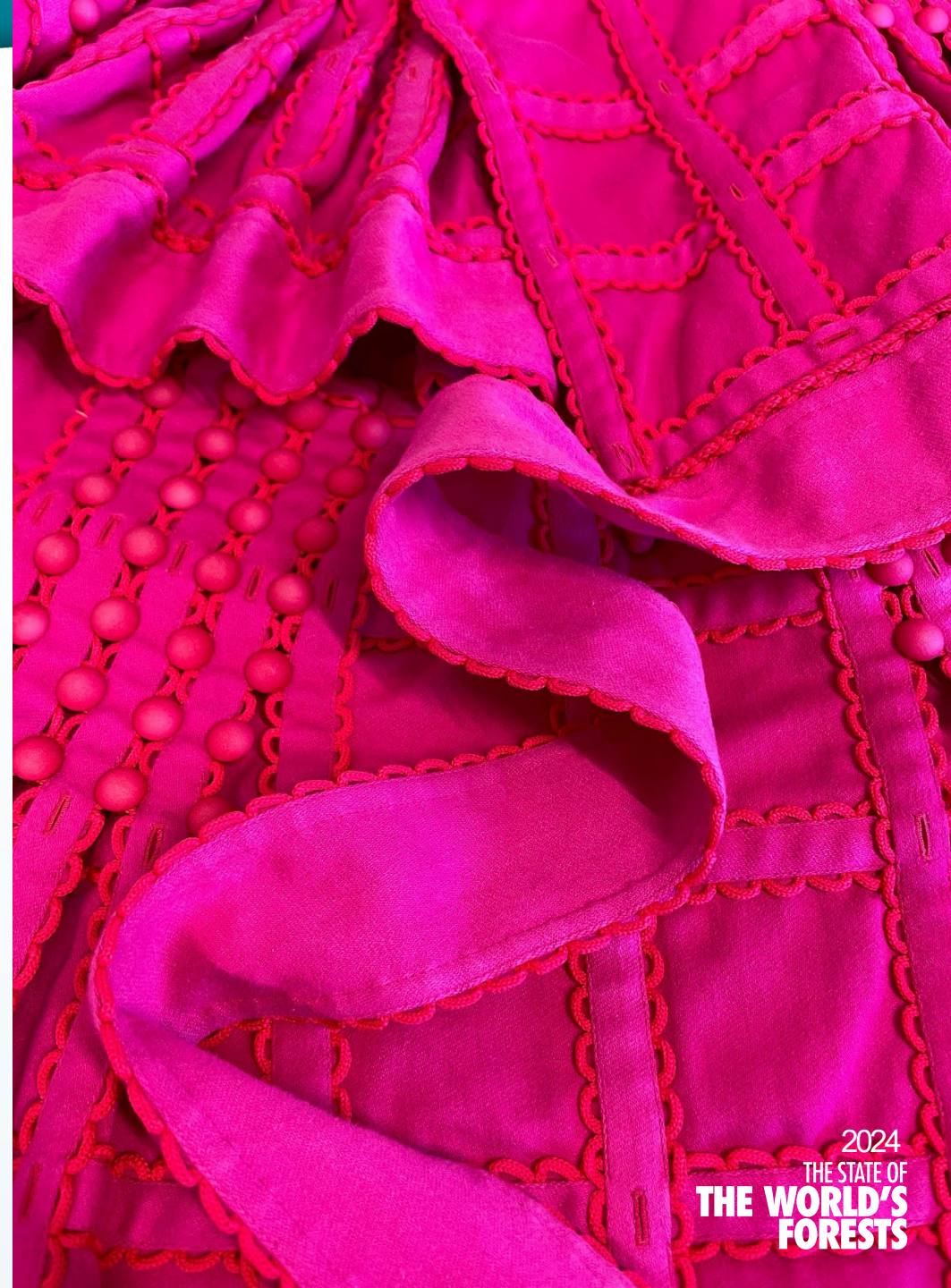
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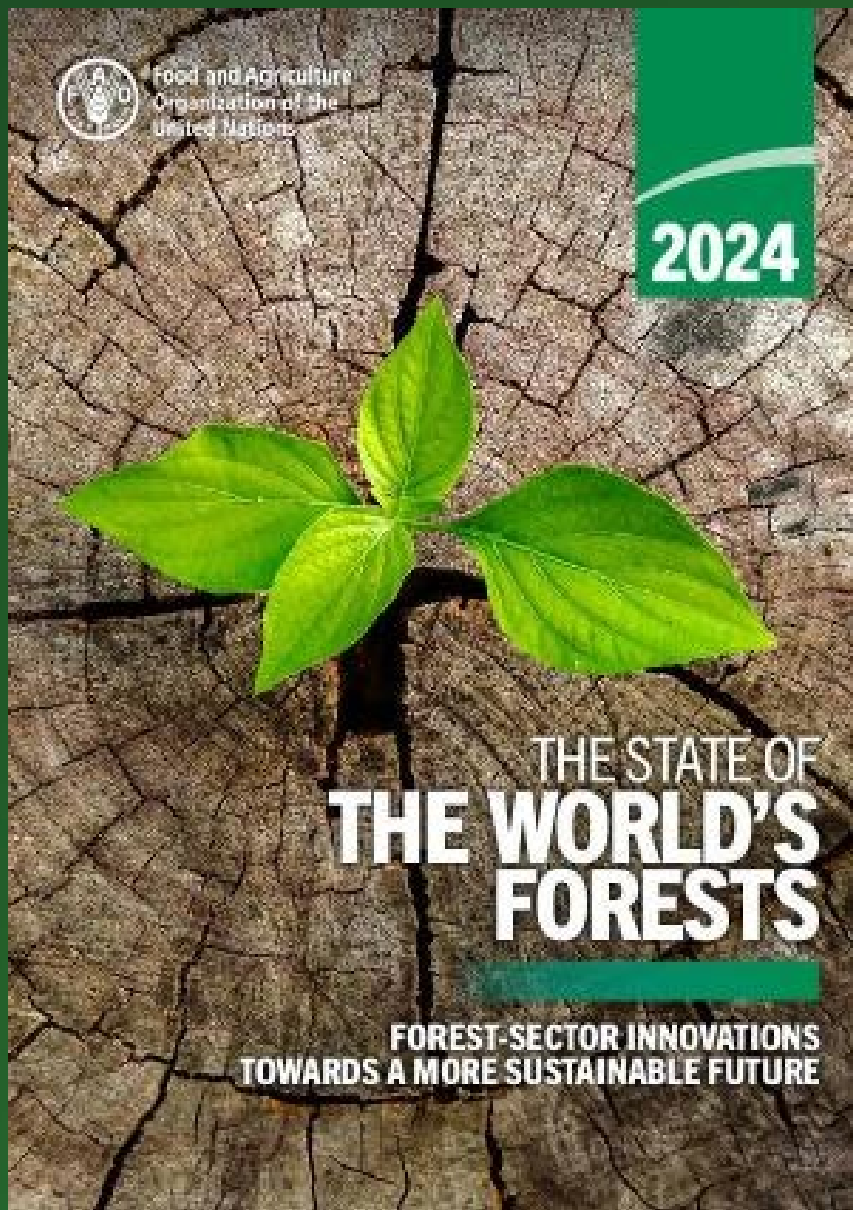


# Five actions to encourage responsible and inclusive innovation in the forest sector

1. Raise **awareness &** promote **culture of innovation**
2. Boost **skills, capabilities and knowledge**
3. Encourage **transformative partnerships**
4. Ensure **financial resources**
5. Provide **incentivizing policy and regulatory environment**







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