IKI Brown Bag Lunch
Scaling up Biodiversity Finance

From Finance Plans to Market Disclosures

Online, 26 August 2026

Federal Ministry
for the Environment, Climate Action,
Nature Conservation and Nuclear Safety

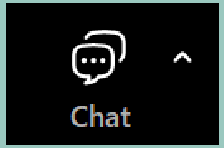
IKI INTERNATIONAL CLIMATE INITIATIVE

Welcome

IKI Brown Bag Lunch

Netiquette:

- Please log in with your full name and organization
- Please switch off all microphones
- Chat icon for content-related questions and technical questions



- Please note: This meeting is being recorded.

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Agenda

IKI Brown Bag Lunch

1) Welcome Remarks from Elke Steinmetz (BMUKN) and Midori Paxton (UNDP)
2) Input I: Biodiversity Finance Initiative (BIOFIN II)
3) Input II: Enabling and Scaling up Market Adoption of Nature-related Financial Disclosures (IKI-TNFD)
4) Case Study: South Africa
5) Q&A Session
6) Closing Remarks

Welcome Note

Elke Steinmetz
Head of Division N I 5 International Cooperation on Biodiversity, Federal Ministry for the Environment, Climate Action, Nature Conservation and Nuclear Safety (BMUKN)

Midori Paxton
Global Head – Ecosystems and Biodiversity, Planet Hub, UNDP

UNDP Nature Pledge

Addressing the drivers of biodiversity loss and pressing levers for systemic change!

VISION

A world where we protect nature because nature is at the heart of sustainable development and humanity's planetary safety net

CHALLENGE

Economic development interests and environmental interests are believed to be 'trade-offs' and mutually exclusive

LIGHTHOUSE POSITION

Nature is the foundation of human wellbeing and prosperity. It has the power to drive poverty eradication and prevention and sustainable development

THREE TRANSFORMATIONAL SHIFTS

VALUE SHIFT

REWRITING NARRATIVES AND CATALYZING BEHAVIOR CHANGE

ECONOMIC AND FINANCE SHIFT

ACCOUNTING FOR NATURE AND SHIFTING FINANCE FLOWS

POLICY & PRACTICE SHIFT

HARNESSING THE POWER OF NATURE

Three Essential Sifts and Targets

Bringing the whole of UNDP approach

1. VALUE SHIFT

Support at least 50 countries to fill action gaps for nature, shifting social norms through new narrative creation, advocacy campaigns, civil society and community mobilization, and leveraging of legal and human rights instruments catalysing:

- Increased nature-as-development asset narratives in media and public fora including industry circles;
- Improved legal system and increased access to environmental justice in 50 countries;
- Increased use of legal and regulatory tools for mitigating and reducing nature destruction.

2. ECONOMIC & FINANCE SHIFT

Support at least 130 countries to close the biodiversity finance gap through development and implementation of a robust biodiversity finance plan catalysing:

- $100 billion new financing mobilized for nature from public and private sources;
- $ 200 billion nature-harmful subsidies redirected, repurposed and eliminated.

Incentivize the private sector to increase nature-positive investment catalysing:

- Significant increase in private sector financing in the percentage of global companies' portfolios (real sector companies and financial institutions) classified as nature-positive in line with TNFD framework.

3. POLICY & PRACTICE SHIFT

Support at least 140 countries to integrate nature into their national and sectoral plans and practice with a gender responsive approach, catalysing:

- 100 countries have increased and/or strengthened conservation areas and/or Indigenous and community conserved areas, covering at least 500 million ha of land and 500 million ha of ocean, strengthening water and food security for 500 million people;
- Improved livelihoods of 50 million people through support to development of nature-based enterprises and jobs, and decreased vulnerability towards climate change impact and other external shocks.
- 50 million hectares of land and marine areas newly restored for conservation, food and water security, climate resilience and peace.
- 100 countries are promoting women's leadership and decision making in natural resource management and closing gender gaps in access to and control over natural resources.
- Increase in hectares of Indigenous claimed territories in priority ecosystems under Indigenous land tenure.

Nature Relationship Index

As part of the 2026 Human Development Report.

Recalibration of our relationship with nature is prerequisite for sustainable human development.

	a **Traditional** Societies thriving with nature	b **Industrial** Societies improving relationships with nature	c **Planetary** Societies reshaped to thrive together with nature
Nature is thriving and accessible	1 Sacred spaces 2 Seasonal access and use	7 Parks and protected areas 8 Urban parks and planning	13 Indigenous Peoples and Community Conserved Areas and Territories (ICCAs) 14 Ecosystem and species restoration
Nature is used with care and respect	3 Propagating and tending species 4 Cultural burning	9 Soil conservation 10 Wildlife management	15 Clean energy 16 Circular economy
Nature is safeguarded	5 Kinship relations with species 6 Cultural protections for nature	11 Legal protections for air, water and species 12 Environmental education	17 International agreements protect oceans, atmosphere and ecosystems 18 Rights of and to nature

Biodiversity Finance Initiative (BIOFIN II)

INTERNATIONAL
CLIMATE
INITIATIVE

The Biodiversity Finance Initiative

BIOFIN is a global initiative led by **UNDP,** supporting over 130 countries to develop evidence-based **Biodiversity Finance Plans** and implement solutions that mobilize and unlock funding for nature.

Convention on Biological Diversity

Recognized as an 'enabling action'

Biodiversity COP 16

> "Increasing financial support for the Biodiversity Finance Initiative of the United Nations Development Programme and other related initiatives to facilitate resource mobilization, including through the implementation of national biodiversity finance plans;

Decision adopted by the Conference of the Parties to the Convention on Biological Diversity on 27 February 2025

138 countries

$3.3 billion unlocked since 2018

98 countries preparing Biodiversity Finance Plans through partnership with GEF

40+ countries implementing finance solutions

200 finance solutions

Biodiversity Finance Plans in Action

UNDP's Biodiversity Finance Initiative, supports countries in developing and implementing Biodiversity Finance Plans that identify financing needs, strengthen public and private finance solutions, and helping to close the biodiversity finance gap. BIOFIN-supported solutions have helped countries unlock more than US$3.3 billion in finance for nature.

138 Partner Countries

Deign Stage

Albania
Algeria
Angola
Antigua and Barbuda
Armenia
Azerbaijan
Bahamas
Bahrain
Bangladesh
Barbados
Benin
Bolivia
Bosnia and Herzegovina
Burkina Faso
Burundi
Cabo Verde
Cameroon
Central African Republic
Chad
Chile
Comoros
Congo, Republic of the
Cook Islands
Côte d'Ivoire
Djibouti
Dominica
Dominican Republic
DRC
El Salvador
Equatorial Guinea
Eritrea
Eswatini
Ethiopia
Gambia
Ghana
Grenada
Guinea
Guinea-Bissau
Guyana
Haiti
Honduras
Iraq
Jamaica
Jordan
Kenya
Kiribati
Lao PDR
Lebanon
Lesotho
Liberia
Libya
North Macedonia
Madagascar
Malawi
Maldives
Mali
Marshall Islands
Mauritania
Mauritius
Micronesia
Moldova
Montenegro
Morocco
Namibia
Nauru
Pakistan
Palau
Panama
Papua New Guinea
Paraguay
Saint Kitts and Nevis
Samoa
São Tomé and Príncipe
Senegal
Serbia
Seychelles
Sierra Leone
Solomon Islands
Somalia
South Sudan
St. Lucia
Sudan
Suriname
Syria
Tajikistan
Timor-Leste
Togo
Tonga
Trinidad and Tobago
Tunisia
Türkiye
Turkmenistan
Tuvalu
Uruguay
Vanuatu
Venezuela
Yemen
Zimbabwe

Implementing

Argentina
Belize
Bhutan
Botswana
Brazil
Cambodia
China
Colombia
Comoros
Costa Rica
Cuba
DRC
Ecuador
Egypt
Ethiopia
Fiji
Gabon
Georgia
Guatemala
India
Indonesia
Kazakhstan
Kenya
Kyrgyzstan
Madagascar
Malawi
Malaysia
Maldives
Mexico
Mongolia
Mozambique
Namibia
Nepal
Niger
Peru
Philippines
Rwanda
South Africa
Sri Lanka
Tanzania
Thailand
Uganda
Ukraine
Uzbekistan
Viet Nam
Zambia

Early Implementation (6)

Comoros
DRC
Ethiopia
Kenya
Maldives
Namibia

This project is co-funded by the European Union

The Biodiversity Finance Initiative – BIOFIN
A UNDP global programme since 2012

- In country presence
- Continued dialogue with Ministries of Finance
- Existing biodiversity finance global network managed by a global team
- Wide number of existing partners
- Working with countries reporting to the CBD financial framework

From biodiversity finance plans to transformational change

A clearer way to explain the “deliver better / generate revenues / avoid future costs / realign expenditures” framework.

- Address the drivers of biodiversity loss through institutional, policy and financing shifts.
- Build cross-government partnerships, with Environment and Finance jointly leading the agenda.
- Embed biodiversity finance in national priorities, budgets and investment decisions.
- Use four finance pathways to improve delivery, raise revenue, prevent future costs and shift spending toward nature.

Four pathways for biodiversity finance

Deliver better

Improve the effectiveness, equity and impact of existing finance.

Generate revenues

Mobilize new public, private and community sources for nature.

Transform systems, not just projects

Avoid future expenditures

Reduce long-term costs from biodiversity loss, disasters and degradation.

Realign expenditures

Shift harmful spending and incentives toward nature-positive outcomes.

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ECUADOR

Green Credits for Small and Medium Enterprises

BIOFIN
The Biodiversity Finance Initiative
UN DP

Eco-agriculture Renewable Energy Green Buildings

2030

January 2026
$1 billion
Green Loans Disbursed

7X Growth

$108m
2022

Partnership with 78 Credit Unions

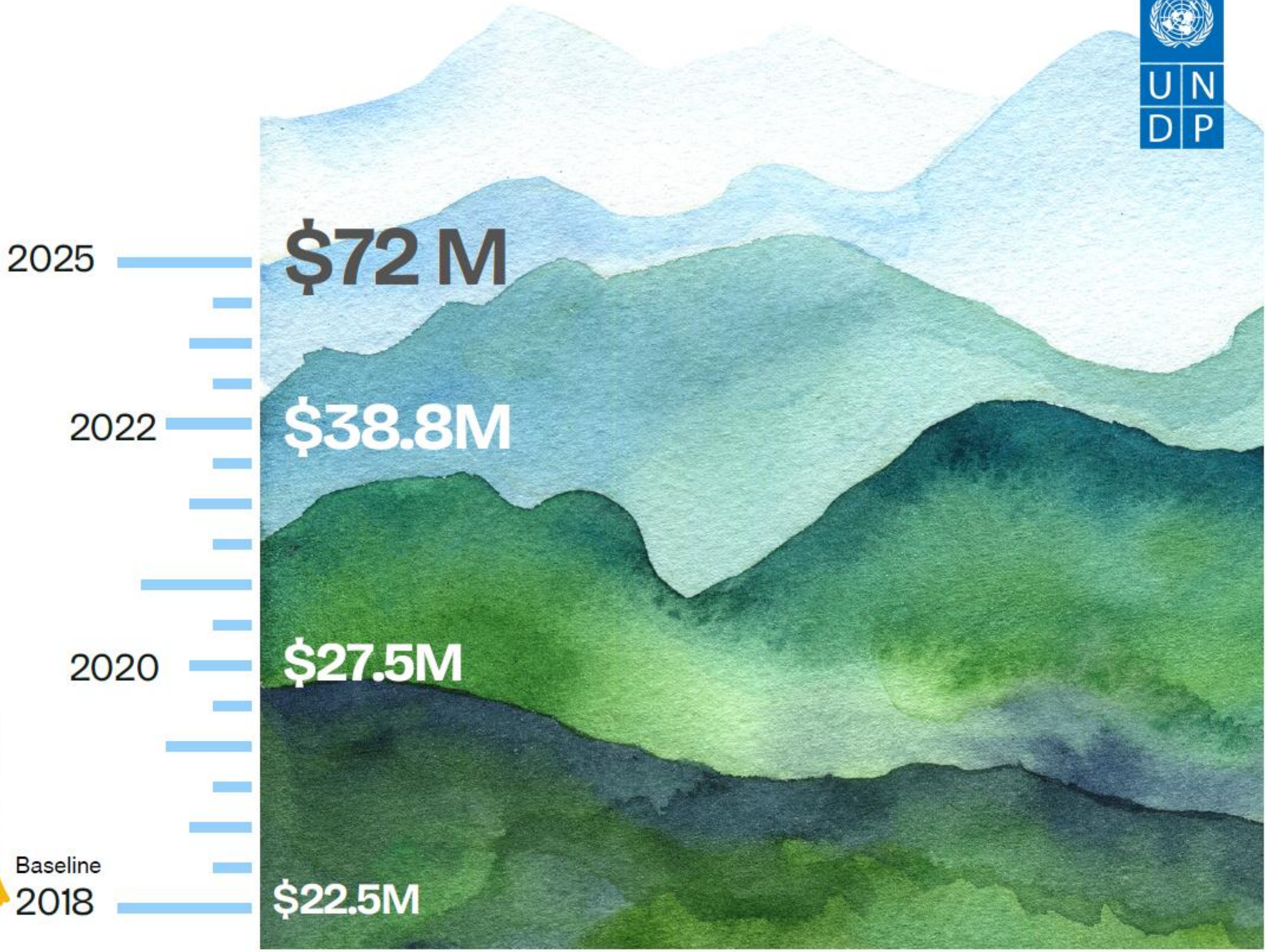
50%+ loans to women-led businesses

Kazakhstan

6.1 million hectares added to conservation

As of 2024, Kazakhstan designated 29 million hectares as protected areas, covering 10.77 percent of the country's land

Protected Area Budgets



BIOFIN and Target 19: Unlocking Biodiversity Finance at Scale

The Ambition

Thank you!

Enabling and Scaling up Market Adoption of Nature-related Financial Disclosures (IKI-TNFD)

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Nature loss is a systemic financial risk

Biodiversity loss and ecosystem collapse rank as the second most severe long-term threat to the global economy over a ten-year horizon

Global risks ranked by severity, long term (10 years)

"Please estimate the likely impact (severity) of the following risks over a 10-year period."

Rank	Risk	Rank	Risk
1st	Extreme weather events	6th	Natural resource shortages
2nd	Biodiversity loss and ecosystem collapse	7th	Inequality
3rd	Critical change to Earth systems	8th	Cyber insecurity
4th	Misinformation and disinformation	9th	Societal polarization
5th	Adverse outcomes of AI technologies	10th	Pollution

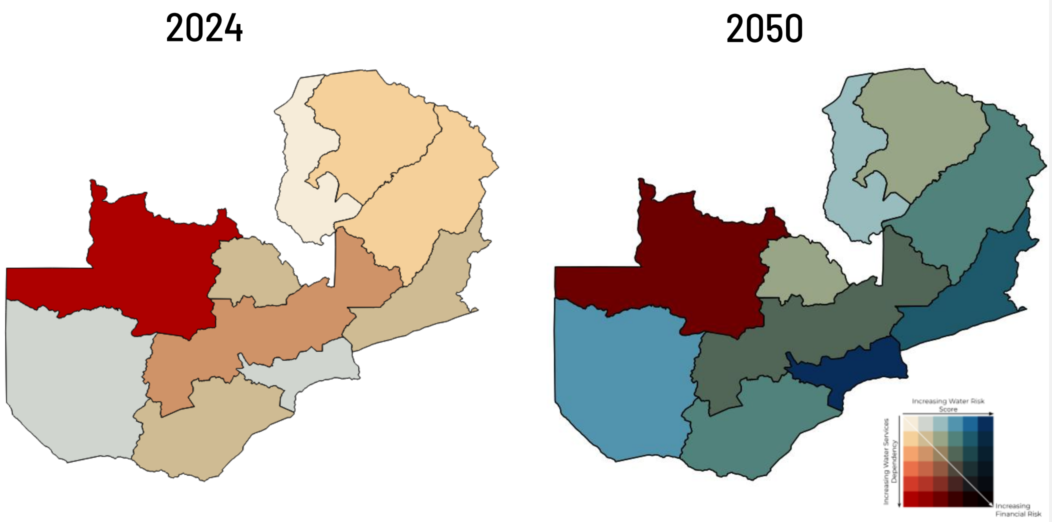
Risk categories: Economic, Environmental, Geopolitical, Societal, Technological

Risks Perception Survey

Source: World Economic Forum, Global Risks report 2025

Zambia commercial loans will be far more vulnerable to water-related risks by 2050.

Provincial water service dependency and 2024 (left) and 2050 (right) water risk scores for the banking sector in Zambia



Source: UNDP BIOFIN, 2025. Study on Nature-Related Financial Risks in Zambia

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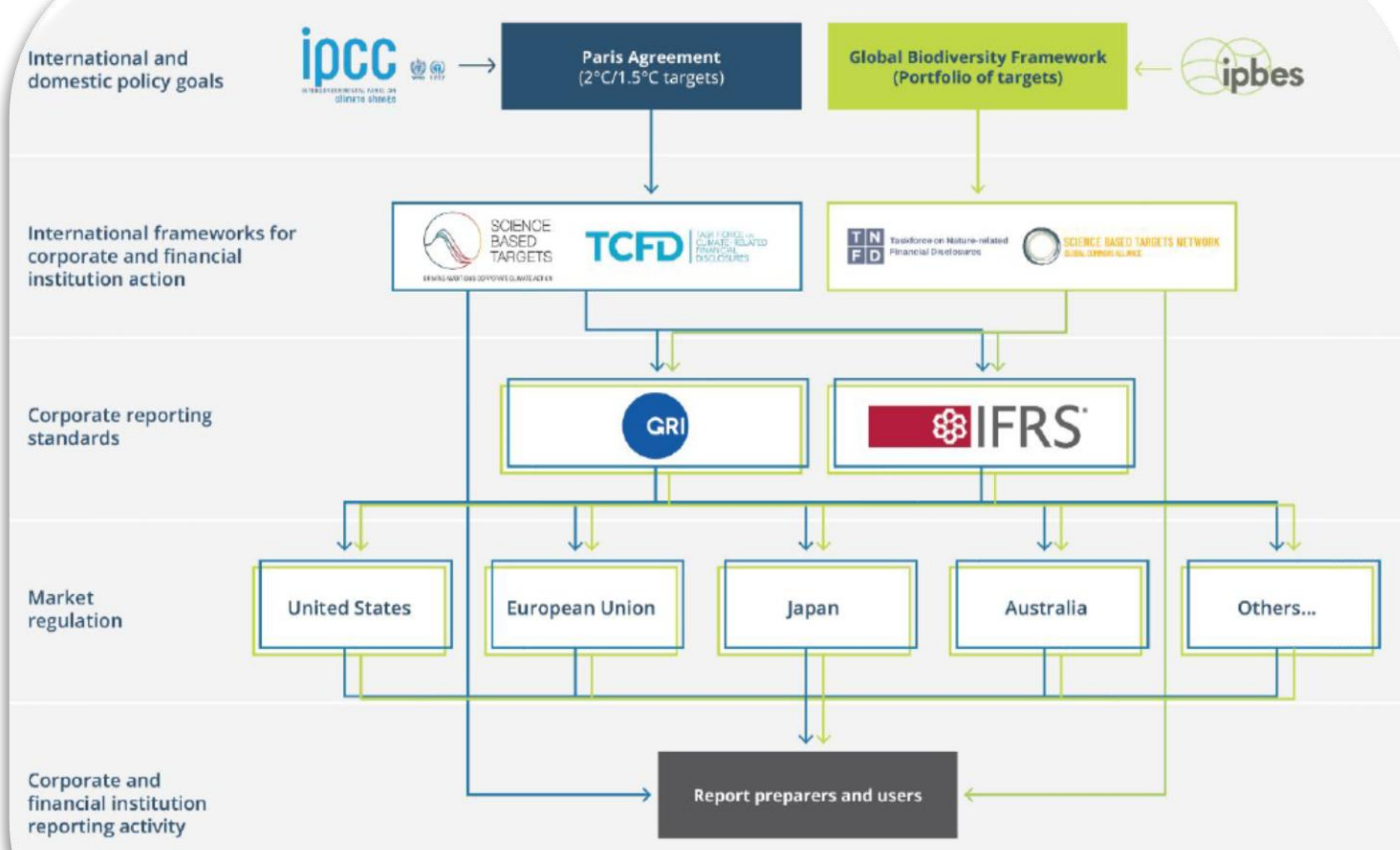
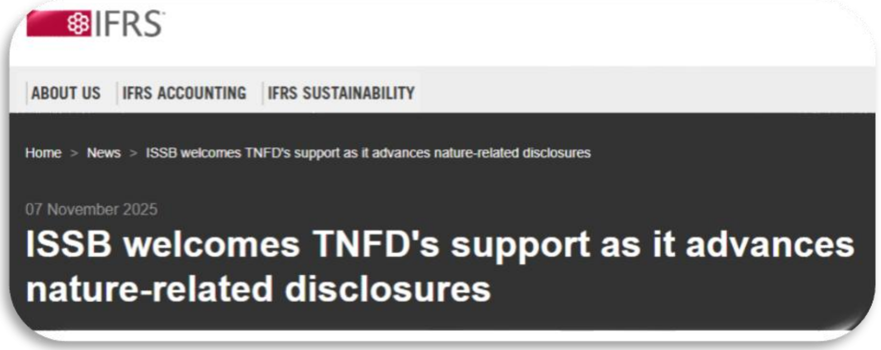
The Nature-Related Reporting Architecture



The emerging global architecture for nature-related corporate reporting, in parallel with what has emerged for climate-related reporting.

700+ Adopters

Taskforce on Nature-related Financial Disclosures



Enabling and Scaling Up Nature-Related Financial Disclosures Project

Overview

- The **Taskforce on Nature-related Financial Disclosures (TNFD)** is a market-led global initiative designed to help organizations assess, manage, and disclose their dependencies, impacts and opportunities, thus ensuring that nature is embedded in financial decision-making.
- UNDP is one of the **founding partners** of the TNFD and along with UNEP FI, WWF and Global Canopy and sits on the TNFD Stewardship Council.
- Through the global project **"Enabling and Scaling up Nature-related Financial Disclosures"**, funded by the **International Climate Initiative (IKI)** of the Government of Germany, UNDP supports, in coordination with partners, the **scaling of uptake in 15 developing countries** of TNFD framework from 2023 to 2028.

Project consortium partners

UNDP; Taskforce on Nature-related Financial Disclosures; UN environment programme finance initiative; Global Canopy; WWF; BIOFIN The Biodiversity Finance Initiative

Additional delivery partners

wbcsd; PRI Principles for Responsible Investment; Sustainable Stock Exchanges Initiative; IFRS Sustainability; IUCN; CONSERVATION X LABS

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Project Components, Objective and Geographical Focus

C1 Technical Development

C2 Capacity Building

C3 Awareness Raising

C4 Regulatory Incentives

C5 Application Tools

C6 Stakeholder Engagement for a Just and Inclusive Transition

OUTCOME OBJECTIVE

Global financial flows are shifted from nature-negative outcomes toward nature-positive outcomes in developing countries

GEOGRAPHIC FOCUS

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Key project results

733
organisations across 56 countries publicly committed to TNFD-aligned disclosure

$22.4tn
AUM held by 179 financial institution adopters of the TNFD framework

542
companies with published TNFD-aligned disclosures (500+ reports identified)

41,336
people directly supported through networking and training

79
countries/jurisdictions with TNFD supporting organisations (48 emerging & developing)

$1.26tn
AUM of developing-country financial institutions assessing nature risk

€8.1m
finance mobilized for TNFD adoption since 2023

108
listed companies in priority developing countries committed to TNFD reporting (36 already published)

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Nature Intelligence for Business Grand Challenge

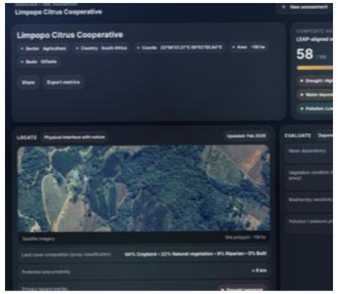
Empowering the Nature Intelligence and Resilience of SMEs

UNDP

TNFD Taskforce on Nature-related Financial Disclosures

CONSERVATION X LABS

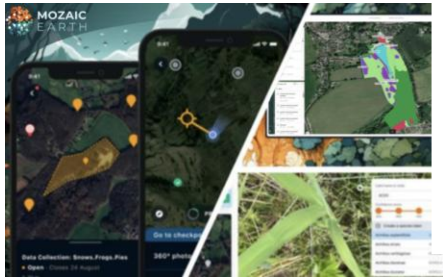
- **The Grand Challenge received 385 initial applications from 46 countries.** A panel of expert judges narrowed the playing field to 12 finalists, who went on to test their solutions with real-world small businesses from around the world.
- **Three winners** were announced on May 12th, 2026: **Dunya Analytics, Mozaic Earth, and Space Eagle Enterprises.**
- **Discover the top three solutions** that make LEAP approach accessible for SMEs: https://www.conservationxlabs.com/natureintelligence



SOUTH AFRICA

Space Eagle Enterprises

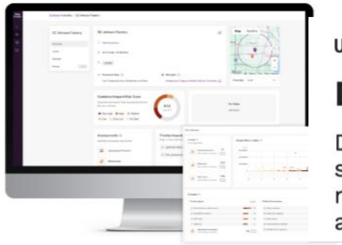
Space Eagle Enterprises develops products for broadband connectivity and next-generation Earth-observation intelligence for governments, enterprises, and communities across Africa.



UNITED KINGDOM

Mozaic Earth

Mozaic Earth is the developer of a platform intended to allow SMEs to collect data with their smart phones, then produce site-level ecosystem condition analysis.



USA

Dunya Analytics

Dunya Analytics is a platform that seeks to help customers identify nature-associated vulnerabilities and prioritize investments.

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BIOFIN and IKI-TNFD: Closing the Nature Finance Loop

Two IKI projects, one finance chain: from public biodiversity plans to private capital markets

BIOFIN II

Public Finance Planning

- Helps governments plan and budget for biodiversity through national Biodiversity Finance Plans
- Tracks expenditures for biodiversity and financial needs
- Works from inside ministries and national budgets
- Identifies and prioritizes finance solutions to mobilize both public and private resources
- Answers: how much is needed, and where will the money come from?

Two halves of one finance chain

IKI-TNFD

Private Market Disclosure

- Helps companies and financial institutions report nature-related dependencies, risks, impacts and opportunities
- Supports market adoption of the global TNFD disclosure framework
- Helps companies and financial institution reduce nature-related financial risks
- Works with banks, investors and capital markets
- Answers: how does private capital find and price nature risk?

South Africa case study: a country pairing an active national Biodiversity Finance Plan (BIOFIN) with hands-on TNFD adoption support for its financial sector (IKI-TNFD), turning public financing plans into signals private capital can act on.

Case study: South Africa

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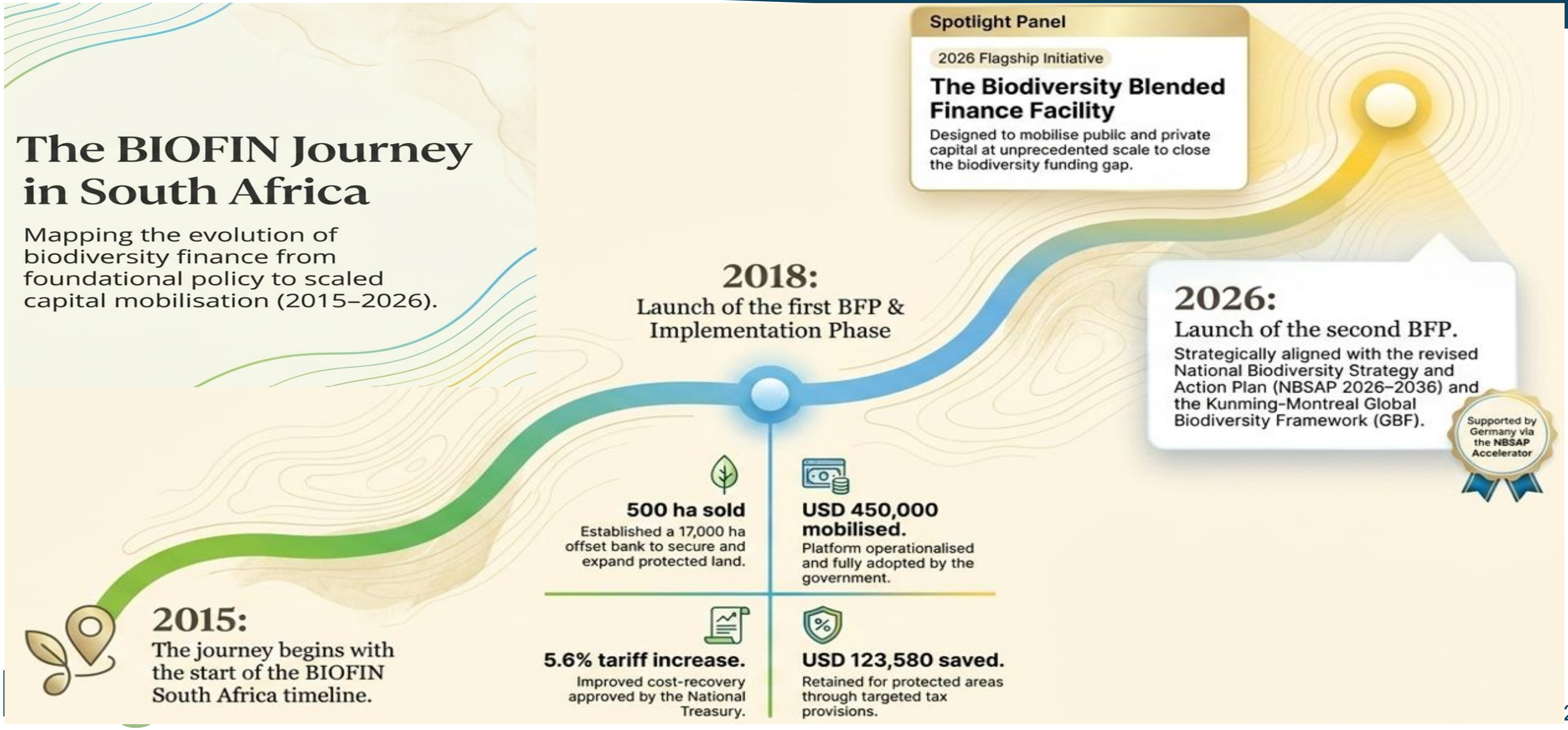
IKI-TNFD & BIOFIN: Projects Overview



South Africa's Flagship Finance Solutions

Institutionalising Sector Sustainability

Standardising the Wildlife Economy

Core Asset
Sustainable Wildlife Economy Standard (SWES) Version 2

Milestones
Formally endorsed by MinTech as a mechanism for Global Biodiversity Framework (GBF) Target 3.
Version 2 currently in development with the DFFE Wildlife Team to strengthen sustainability criteria and governance.

Aggregating Investable Projects

Core Asset
The Biodiversity Investment Portal

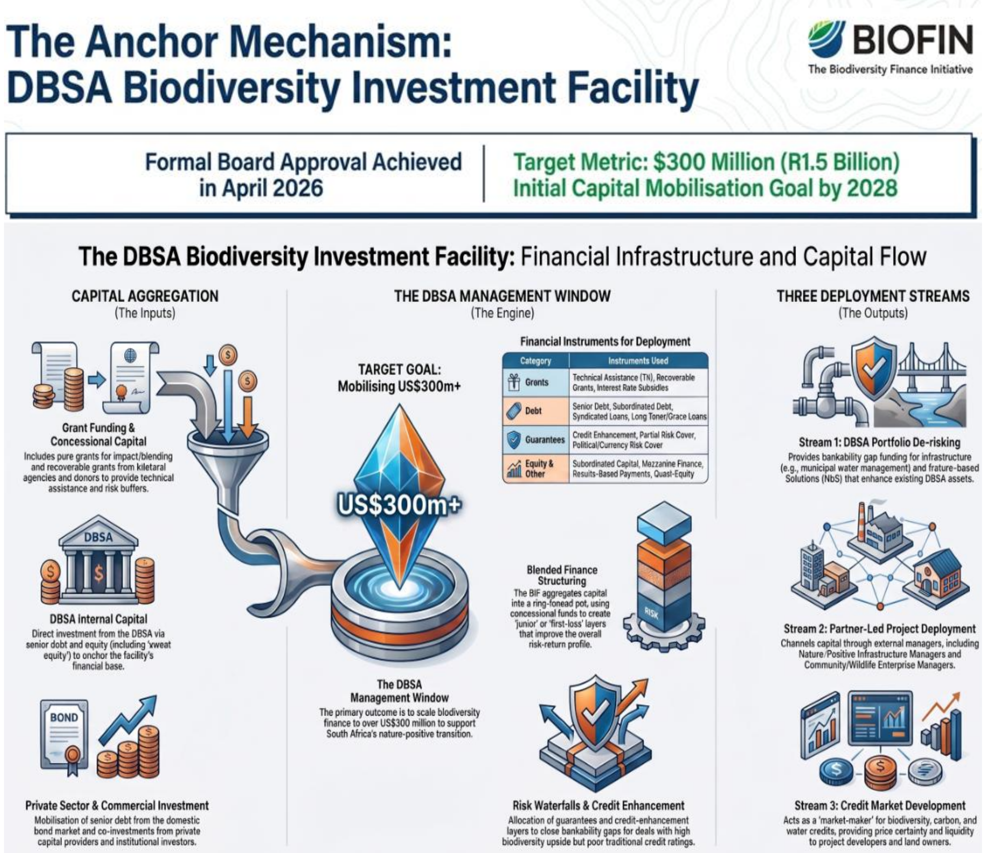
Milestones
Formally recognised by DFFE as a strategic resource mobilisation tool connecting stewardship sites with investors.
Developing business case templates and exploring integration with the DBSA Biodiversity Investment Facility.

Sustaining Historic Results through DFFE Institutional Support

Expanding the Ecosystem of Market Instruments

Instrument	Type	Current Milestone	Strategic Purpose
Offsets	**Compliance Market** Managing residual developer impacts.	**National Portal Launched** Deployment of the National Biodiversity Offset Web Portal and refined training modules.	**Enforcement & Conservation** Securing long-term conservation of priority biodiversity ecosystems.
Credits	**Voluntary Market** Unlocking private corporate capital.	**Roadmap Developed** SADC regional roadmap drafted in partnership with the Biodiversity Credits Alliance (BCA).	**Nature-Positive Targets** Enabling corporates to meet voluntary TNFD and SBTN commitments.
Tagging	**Public Tracking** Monitoring fiscal allocation.	**Feasibility Study Initiated** Biodiversity Budget Tagging (BBT) methodology developed alongside Climate Tagging.	**Expenditure Transparency** Tracking government spending to align with Global Biodiversity Framework targets.

New Finance Solutions



BIF Supporting biodiversity credit schemes and enterprise development

FINANCE SOLUTION

Mainstream Biodiversity in the Finance Sector

A UNDP BIOFIN finance solution that systematically integrates nature and biodiversity considerations into South Africa's financial sector policies, instruments and frameworks, in alignment with the NBSAP 2026–2036 and South Africa's NDCs.

OUTCOME 1

Biodiversity in Key Financial Processes

Work with SARB, the SFI, SFC, the JSE, CIPC and FSCA to integrate nature-related risks and opportunities into financial stability frameworks, taxonomies, disclosure guidance and market mechanisms.

- Nature in financial stability
- Sustainable Finance Initiative – Integrating nature across working groups
- JSE guidance for listed companies (disclosures, bond listing rules)
- Nature-Related Disclosure regulation and ISSB adoption

OUTCOME 2

Scaled Capacity for Nature-Risk Assessment

Equip financial institutions and listed company actors with the knowledge and tools to implement nature-risk frameworks: from asset managers to SMEs, accountants and future finance professionals.

- Asset managers & asset owners (TNFD)
- Professional accountancy training (e.g. SAICA)
- Professional and academic curricula on nature finance (e.g., UCT)
- SMEs (Nature Intelligence toolkit)

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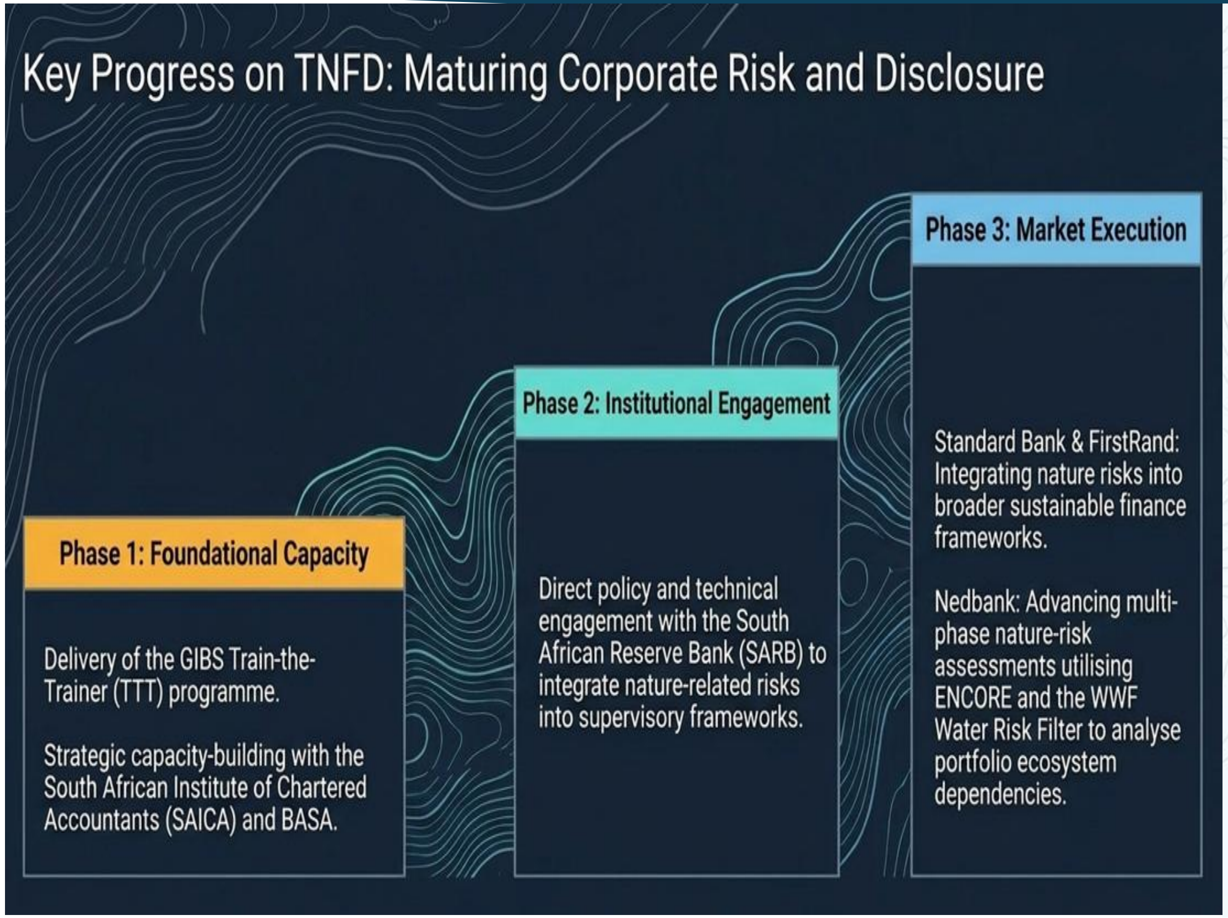
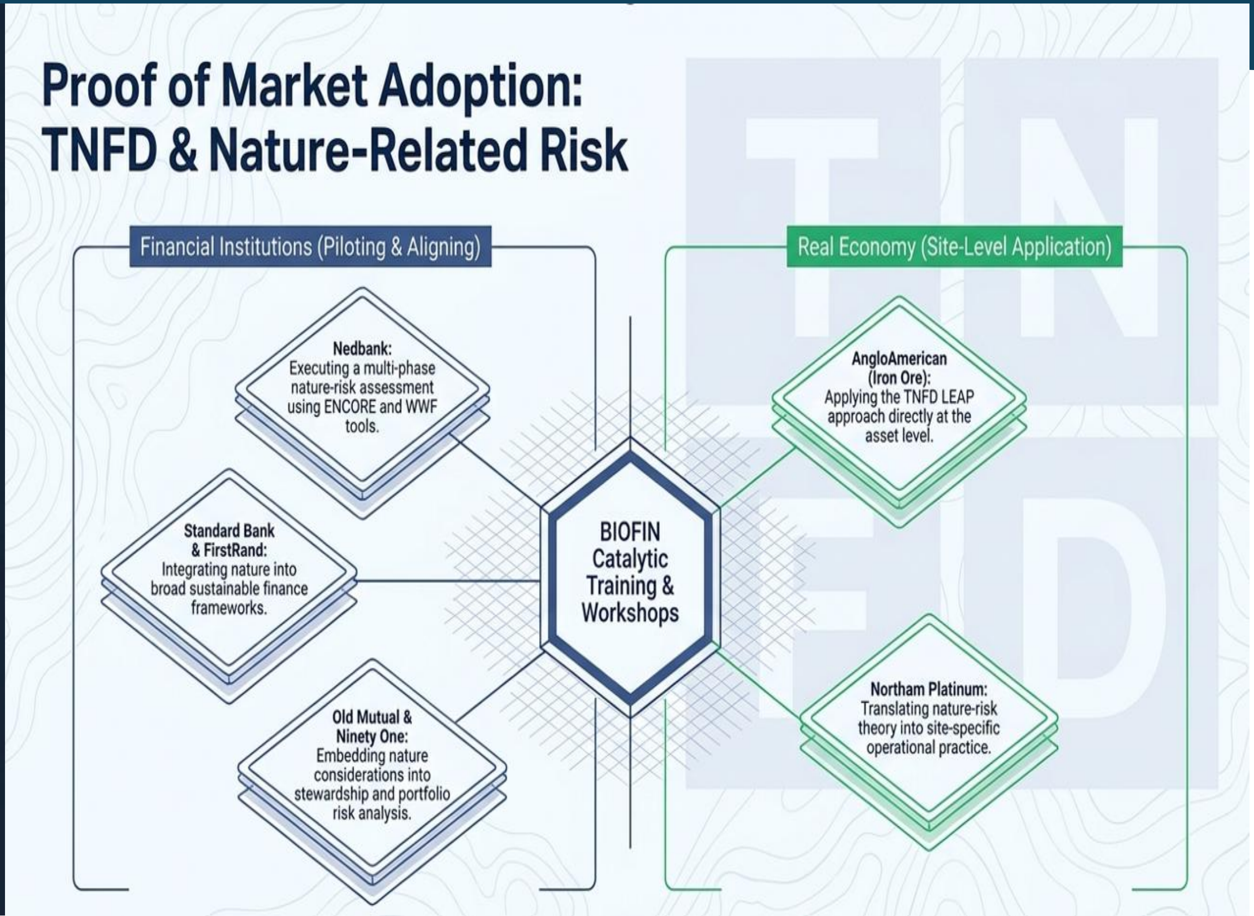
TNFD Institutionalization





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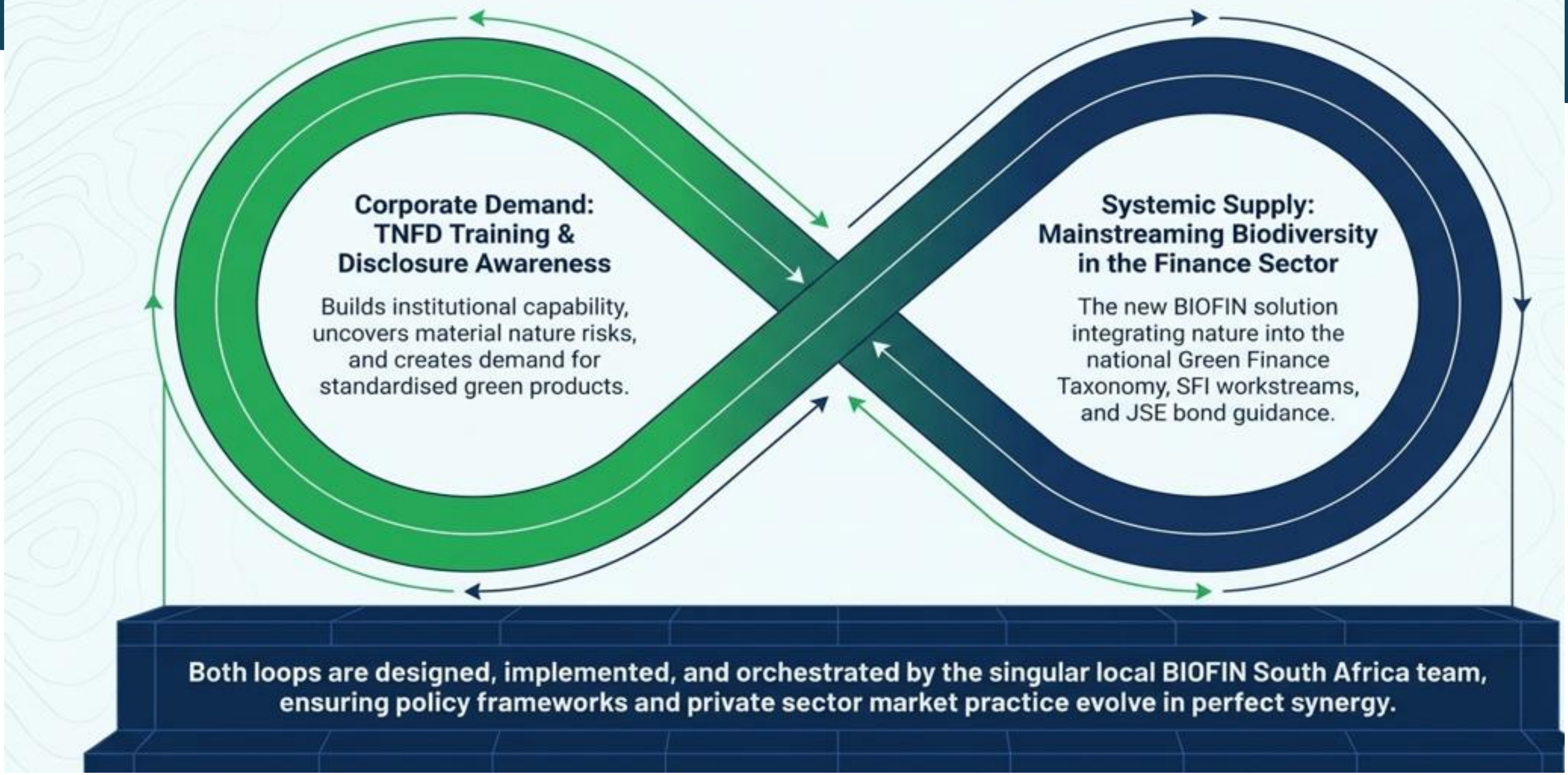
Mutual Reinforcement: Mainstreaming Nature in Finance



Q&A SESSION

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THANK YOU FOR YOUR ATTENTION

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