Sustainable Finance & Global Initiatives

Redesigning the finance sector to align institutions & incentives with sustainable & inclusive growth

Stimulating and enabling environment to catalyze innovation in sustainable banking, insurance and investment.

















UNEP FINANCE INITIATIVE

- 1. Overview & strategy
- 2. Regional co-ordination
- 3. Banking work programme

















UNEP FINANCE INITIATIVE

A partnership between UNEP and the finance sector with over 200 banks, investors and insurers as members





















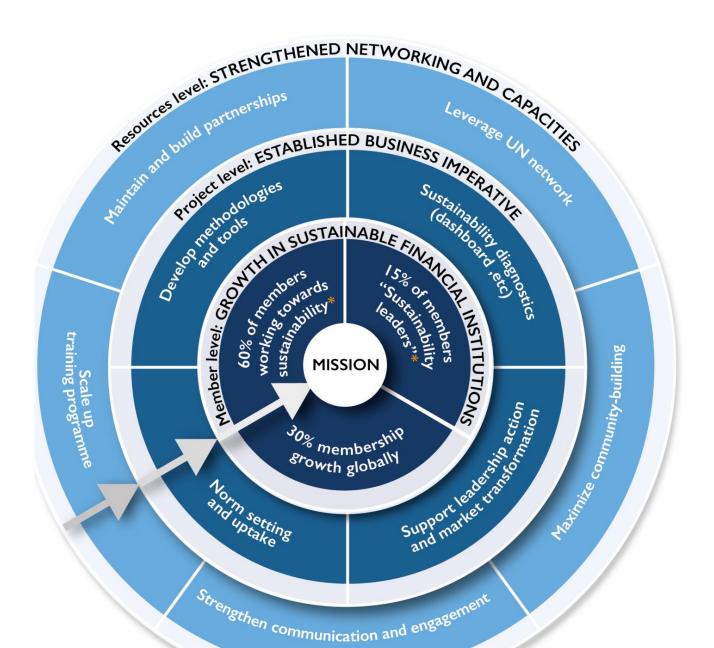


Membership

Data as of 30 September 2017



UNEP FINANCE INITIATIVE

























Mitsubishi UFJ Trust and Banking































Australia's First Bank









BMCE

BANK



Financial Group









Kookmin Bank











Bank Financial Group

Industrial Development Corporation



























OVERVIEW: 25 YEAR ANNIVERSARY



Partnership since 1992 between UN Environment and the global financial sector to promote sustainable finance.

Launch of UNEP Inquiry (2014)

First major climate change report -CEO Briefing on

Climate

Change

2002

Start of responsible property activities 2006

Launch of online training program 2005 Human Rights Guidance Tool 2007

First report on Biodiversity and Ecosystem Services -Bloom or Bust? 2008 Lenses and Clocks: Financial stability and systemic risk 2010

Joins Sustainable Stock Exchanges Initiatives 2012

Launch of Portfolio Decarbonization Coalition 2014 2016 Sustainable Real Estate Investment Framework

2015 Portfolio Carbon Initiative 2016 Banking and Human Riahts

















1994 First Global Roundtable

Launch of UN

Environment

Finance

Initiative

1992

2002 First regional group formed -Africa 2005 Groundbreaking Freshfields Report

2006 Launch of Principles for Responsible Investment

2009 Energy Efficiency and the Finance Sector 2011 Guide to Banking & Sustainability

2011

First report on

REDD+ REDDy,

Set. Grow

2012 Launch of Principles for Sustainable Insurance

2012 Launch of Natural Capital Declaration

2015 Fiduciary Duty in the 21st Century

2015

Positive

Impact

Manifesto

2017
Principles
for Positive
Impact
Finance

2016

G20 Energy

Efficiency

Task Group

2005 First water report Challenges of Water Scarcity

2009 Chief Liquidity Series on water materiality

Goal of UNEP Finance Initiative A finance sector closely involved in the transition to an inclusive green economy

Corresponding activities

- Mainstreaming and improving E&S issues in financial decision makings (capacity building)
- Increasing the level of green/positive impact financing (principles, standards & tools)
- Promoting transparency & disclosure of FIs on sustainability issues (metrics & frameworks)
- Enhancing sustainability in financial regulation & economic policy









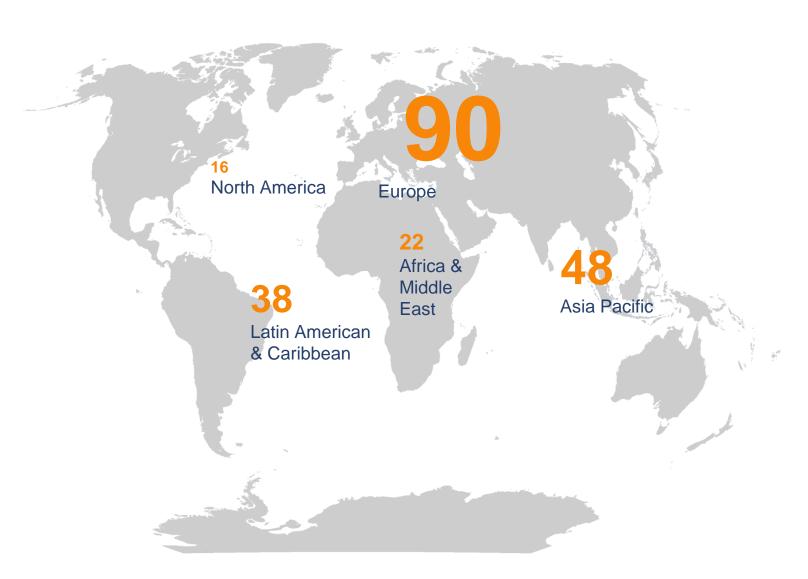








UNEP FI members by region



















Growing examples of policy innovation: Banking

Environmental & Social Risk Management

Bangladesh – Central Bank's ERM Guidelines (2011)

Brazil – Central Bank's mandatory ESRM -Resolution No. 4.327 (2014)

Peru – Superintendence of Banks (2014)

Green Finance

China – Banking
Regulatory
Commission/PBoC/Mini
sty of Envt's Green
Credit Policy (2007);
CBRC's Green Credit
Guidelines (2012)
Lebanon – Central
bank's reduced reserve
requirements for

energy efficiency (2011)

Nigeria – Central Bank's supervision of the Sustainable Banking Principles (2012)

Vietnam – Central bank's Directive on Green Credit & ESRM in lending (2015)

Inclusive Finance

Alliance for
Financial
Inclusion (AFI) global network of
117 central banks
and financial
regulators in 94
countries
Kenya – legal &

regulatory reforms (eg. National Payments System Act (2011)) to promote digital financial inclusion

















Growing examples of policy innovation: Investment

Pension Funds

Environmental & social considerations by pension funds

(1) Mandated to explain extent to which they were taken into account: **UK Pensions Act** (1992) followed by many others in Europe

(2) Mandatory integration: Sweden Public Pension Funds act (2002)

Securities

Non-financial reporting for listed companies

Canada - Securities Commission's Environmental Reporting Guidelines (2010)

EU - Directive on Disclosure of non-financial information (2013)

France – Grenelle Act II on ESG disclosure (2012)

India – SEBI's mandatory CSR reporting for top 100 listed companies (2012)

Korea – Financial Services Commission's Green Posting System (2012)

USA – SEC's climate disclosure guidance (2009); Dodd-Frank's mandatory disclosure on conflict minerals (2010)

Other

France – mandatory carbon reporting of investment portfolios (2015 – draft law)

China – Green
IPOs (2008)
requiring energy
intensive
industries to
undertake
environmental
assessment
before
IPOs/bank loans

















Growing examples of voluntary initiatives

Banking -National

Brazil – Green Protocol (2008 & 2009) Colombia – Green

Protocol (2012)

Kenya – Sustainable

> Finance Guiding Principles (2015)

Mongolia -

Sustainable Banking Principles (2014)

> Banking -Global

Equator Principles on project finance (2003)

Investment - National

Regional & national
Sustainable
Investment
Forums (regional & national) eg.
UK SIF, US SIF,

Investment -Global

Principles for Responsible Investment (2006)

Securities -National

South Africa -Johannesburg Stock Exchange requirement on integrated reporting (2010)

> Securities -Global

Sustainable Stock Exchange Initiative (2009)

> Sustainable Financial Centres

Casablanca statement 2017

Finance Sector - National

UAE – Dubai Declaration on Sustainable Finance (2016)

Finance Sector
- Global

UNEP Finance Initiative (1992)

Insurance -Global

UNEP FI's **Principles for Sustainable Insurance** (2012)

Sustainable Ins.

Forum (2016)

















Example - Banking regulatory work at UNEP FI

Global: Landmark research Stability & Sustainability in Banking Reform: Are Environmental Risks Missing in Basel III? (2014)

National: Promote dialogue between national regulators and UNEP FI members and other relevant stakeholders. For example:

- In Morocco, recently supported the Central Bank set up a CEO Roundtable on a national roadmap for sustainable finance in Morocco.
- In <u>China & Nigeria</u>, works closely with China Banking Regulatory Commission and Nigerian Central Bank to support implementation of the Green Credit Guideline/Nigerian Sustainable Banking Principles
- In <u>Kenya & Mexico</u>, assists the Banking Association to develop their own guidelines on sustainable banking

















Where are we in the Middle East?

Our members in the MENA Region:

- BMCE Bank of Africa, Morocco
- Commercial International Bank, Egypt
- Jordan Ahli Bank, Jordan
- Tawreeq Holdings, UAE
- 7 Stock Exchanges (including Amman Stock Exchange)

Supporting Institutions:

- Association of Banks in Jordan
- Union of Arab Banks

Potential members currently engaged with are in Egypt, Tunisia, Algeria, Bahrain, UAE, and Kuwait

















UNEP FI CO-ORDINATION IN THE MENA REGION

- 1. Invoke interest in sustainable finance among MENA FI's and governments (due to culture). Activities associated include: arranging awareness raising events and cooperating with various stakeholders in the region. Potential stakeholders include: League of Arab States, UN agencies, Gulf Cooperation Council, Environment Ministries, Central Banks and Industry Associations
- 2. Achieve growth in the membership in the MENA. Activities related include taking part of regional events, and bilateral approach to FI's, joining efforts with the Green Economy team in UNEP.
- 3. Develop further work program that corresponds themes of increased interest to the MENA members. This includes Energy Efficiency and Water Scarcity.
- **4. Continue with capacity building** Through customized ESRA training.

















UNEP FI BANKING WORK PROGRAMME



132 **Members** from over 50 countries

UNEP FI's role:

Convening sustainable banking community, leadership initiatives and building capacity to support the banking sector's role in contributing to implementation of the Paris Agreement on Climate Change and UN Sustainable Development Goals (2015).

Collaborate on technical R&D projects, e.g. Climate change and natural capital work streams

















BANKING WORK STREAM

Governance: 2017 Banking Committee

Chair: Chris Bray, Barclays (-2017)

Regional Positions			
Africa/Middle East	Wendy Dobson, Standard Bank (-2019)		
Asia Pacific	Namita Vikas, Yes Bank (-2017)		
Europe	James Vaccaro, Triodos (-2019)		
Latin America	Denise Hills, Itau-Unibanco (-2017)		
North America	Election in February		
Thematic Positions			
Climate Change	Madeline Ronquest, First Rand (-2019)		
Ecosystems Services	Rosemary Bisset, National Australia Bank (-2019)		
Social Issues	Chris Bray, Barclays (-2017) and Stephen Hibbert, ING (-2019)		
Open Positions	Guido Oswaldo Cordero Diaz, Banco Pichincha (-2017) Denis Childs, Société Générale (-2019)		

















BANKING WORK PROGRAMME

- Guide to Banking & Sustainability
- Training and capacity building
- Advancing techniques to integrate environmental factors into analysis
- Positive Impact Financing for the Sustainable Development Goals









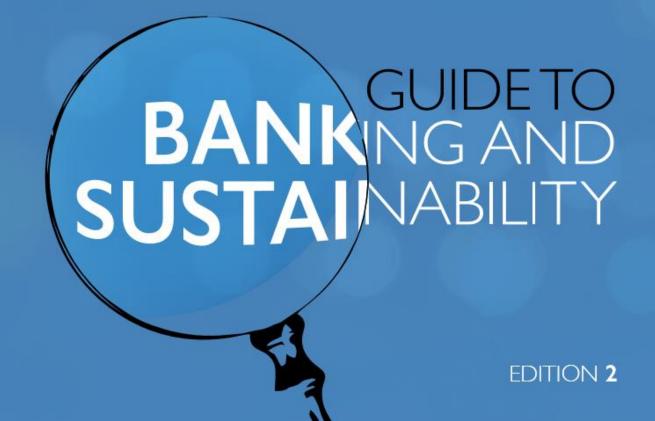




























1) What and who is the Guide for?

- Hands-on guidance for practitioners on integrating sustainability across the bank, including real-life examples from banks around the world
- Helps banks to fulfill commitments as UNEP FI members (Statement of Commitment on Sustainable Development)

Who is the Guide for?

- Senior management and board members seeking to educate themselves and their employees on banking and sustainability
- Sustainability teams seeking to engage employees
- Employees seeking to understand the relevance of sustainability issues to their work
- Banking associations seeking to understand and promote sustainability among their membership

















2) How is the Guide structured?



8 chapters, providing guidance for relevant departments

Each chapter contains:

- The business case why is sustainability relevant for your department?
- Guidance how to go about it
- Case studies of current practice of UNEP FI banks

Resources Section

Points you towards useful materials and contacts

















TRAINING & CAPACITY BUILDING



Environmental & Social Risk Analysis (ESRA)

- Aim: Professional development for risk managers and analysts in banking to develop expertise in identifying, analyzing and managing E&S risks in lending and investment activities.
- **Delivery:** A panel of ESRA trained consultants facilitate online course and deliver training workshops.
- Geographical focus: Emerging markets
- Introductory workshop delivery: 973 participants from 37 countries since 2005
- Online course delivery: 101 ESRA Courses held in English,
 Spanish and French. Over 2,248 participants between 2006-2017.









2018: Climate Change, Green Bonds Training (Mauritius)

















ADVANCING TECHNIQUES TO INTEGRATE ENVIRONMENTAL FACTORS INTO ANALYSIS

- Stress-Testing Banking Portfolios for Drought Risk
- Developing analytical tools and indicators to strengthen banks' assessment and disclosure of climaterelated risks and opportunities.

















ADVANCING TECHNIQUES TO INTEGRATE ENVIRONMENTAL FACTORS INTO ANALYSIS

Developing analytical tools and indicators to strengthen banks' assessment and disclosure of climate-related risks and opportunities.

- 1) Consultation feedback on FSB Task Force for Climate-Related Financial Disclosure (TCFD) recommendations
- 1) Pilot project with 16 banks to jointly pioneer implementation of the FSB framework to enhance understanding of financial institutions' exposure to climate-related risks and opportunities.



















POSITIVE IMPACT FINANCE FOR THE SUSTAINABLE DEVELOPMENT GOALS (SDGS)

MANIFESTO

A common vision to achieve the SDGs

Positive Impact Manifesto.

- A new form of interaction is needed between finance, the broader private sector, and the public sector
- Holistic approach considering social, environmental and economic factors

















SIGNATORIES































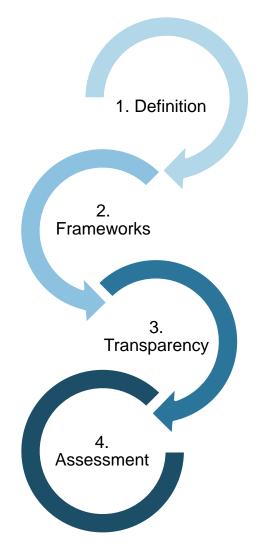








APPLYING THE SDGS TO FINANCIAL PRODUCTS AND SERVICES - THE PRINCIPLES FOR POSITIVE IMPACT FINANCE



Positive Impact Finance =

- Positive contribution to one or more of the three pillars of sustainable development
- Potential negative impacts to any of the three pillars duly identified and addressed
- Processes, methodologies and tools to identify and monitor positive (and negative!) impact
- Activities, projects, programs, and/or entities financed and intended positive impacts
- Processes to determine eligibility, and to monitor and to verify impacts
- · Impacts achieved
- Should be based on impacts achieved

















WORKING GROUPS

Working Group	Main questions to answer
1. Frameworks	How to implement positive impact analysis, building on frameworks currently used by financial institutions? What is a PI Principles – compliant product/service?
2. Impact categories & Indicators	What impact categories to use to identify potential positive impact in the market and inside portfolios? What indicators to use? How to monitor, measure and report on impact?
3. Assessment	How and by who can products and services be verified as Positive Impact? Can they be certified? Can they be rated based on their degree of impact?

















PRODUCT / BUSINESS DEVELOPMENT WORKING GROUP 4

1. Doing more and better with existing products and services

- Capitalise on work done in Working Groups 1-3 on integrating holistic impact assessment to develop and issue PI products
- Encourage information sharing between PI members with a view to taking on joint mandates, syndication, etc.

2. Impact-based finance: Towards a new asset class?

- R&D and Programme development
- Involvement of clients and public authorities (national and regional)
- Themes: Sustainable and smart cities; access to energy / clean energy / energy efficiency in Africa ...

3. What tools do we need?

Databases, capacity-building and consulting services for FIs on holistic impact assessment frameworks, consultancies for governments on impact-based tendering, independent PI rating services ...
What role for the PI Initiative in developing these?

















Positive Impact Product Development

Illustration: Societe Generale Positive impact bond

DEFINITION - TARGETED E&S IMPACTS

PPIF #1: Positive Impact Finance is that which serves to finance Positive Impact Business

PI BOND 2015 EUR 500m

PI BOND 2016 EUR 500m

- Renewable Energy
- Collective Transport& Infrastructure
- Renewable Energy

Direct response to multiple SDGs like









A ROBUST FRAMEWORK

PPIF #2: For the delivery of Positive Impact Finance, entities need adequate processes, methodologies, and tools, to identify and monitor the positive impact of the activities, projects, and/or entities to be financed or invested in



Credit decision process

- Local regulation, credit approval process
- SG E&S risk management system (Equator Principles, IFC Performance Standards, CSR sectorial policies, etc.),



Identification

Eligible categories



Evaluation and selection of the loans qualifying to Positive Impact

Loans compliant with eligible criteria as selected by dedicated E&S experts

TRANSPARENCY

PPIF #3: Entities providing Positive Impact Finance should provide transparency and disclosure on PPIF#1, PPIF#2, PPIF#4

Second Party Opinion

The ESG agency Vigeo confirms the sustainable credentials of SG PI bonds and alignment with market best practices and norms such as the GBP



Audited Impact Reporting

Annual Impact Reporting published on SG investors website and reviewed by an external auditor



Follow up of the Positive Impact indicators

IMPACT ASSESSMENT - REPORTING

PPIF #4: The assessment of Positive Impact Finance delivered by entities, should be based on the actual impacts achieved

Impact Reporting

Climate Benefits as at 31 December 2016	PI BOND 2015	PI BOND 2016
Ex-ante estimated annual GHG emissions avoided in tCO2e *	5 820 000	8 339 048
Pro-Rated indicator GHG emissions avoided in tCO2e for 1K€ investment	0.99	0.9
Total Capacity of Renewable energy plant(s) in MW	3 393	3 721

Allocation Reporting

- Total amount of commitments of eligible Positive Impact Assets
- Percentage of proceeds allocated to Positive Impact Assets

2017 REGIONAL ROUNDTABLES



UNEP FI is establishing Regional Roundtables to provide an opportunity for members and actors in the sustainable finance community in their own region to come together. 2017 marks UNEP FI's 25th anniversary, and in this landmark year, we are holding our first series of Regional Roundtables



AFRICA AND MIDDLE EAST

Johannesburg Nov. 27-29



ASIA PACIFIC

Tokyo Dec. 11-12



EUROPE

Geneva Oct. 16-18



LAT. AMERICA & CARIBBEAN

Buenos Aires Sept. 5-6



NORTH AMERICA

New York Sept. 18-20

Positive Impact Finance

Launch at Johannesburg

Stock Exchange

















THANK YOU

Liesel Van Ast Regional Co-ordination Manager

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