



Enabling the World's
Sustainable Financing

CONFIDENTIAL





OUTLINE

1. About Green Wave Exchange
2. Sustainable Bonds
3. Market Opportunity
4. The Exchange
5. Competition
6. Bond Advisory Firm
7. Team
8. Offering

Intro:

Green Wave Funding is an industry-established Fintech platform supporting the projected **\$200 Trillion** market for Sustainable Funding.

Green Wave has three operational business lines:

1. Comprehensive **Bond Advisory Service**
2. **Dedicated Exchange** for Sustainable Bonds
3. Best-in-breed **AI Tools**

GWF combines deep experience, advanced technology, and expert advisory services to lead the sector through innovative financial solutions.

Source: AXA IM, Bloomberg as of 29th February 2024



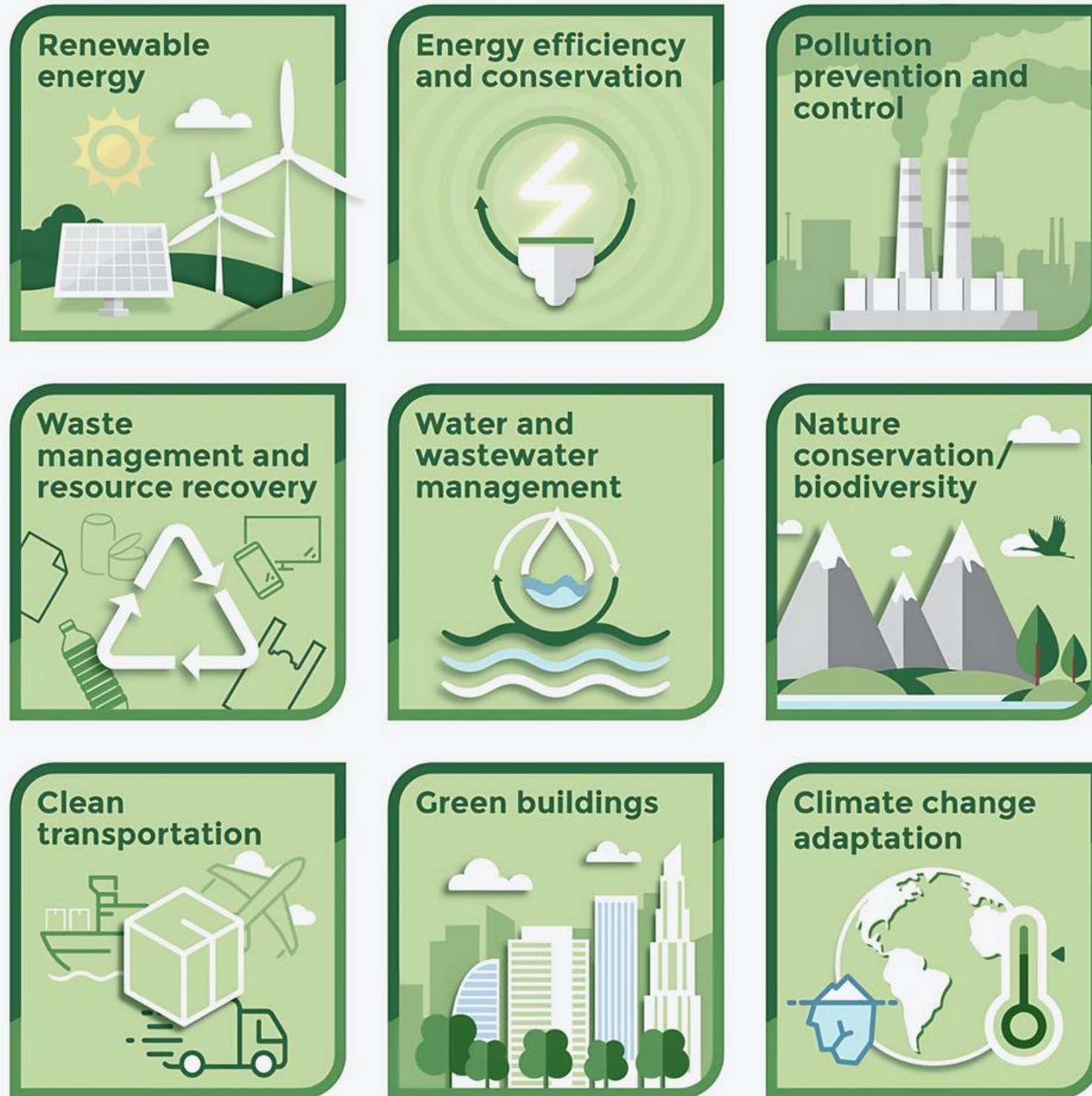
Size of Market and Opportunity Gap



Source: AXA IM, Bloomberg as of 29th February 2024
McKinsey- A net-zero economy

Primary Project Areas

Infrastructure, Energy, Food



Characteristics

- **Green bonds** focus on environmental initiatives
- **Blue bonds** are marine and water conservation
- Projects exist worldwide
- Secured by assets and collateral
- Registered Securities
- Must meet Qualifications
- Only available to Institutional Buyers

Source: AXA IM, Bloomberg as of 29th February 2024

\$30 Trillion “MANDATED” for Sustainable Financing

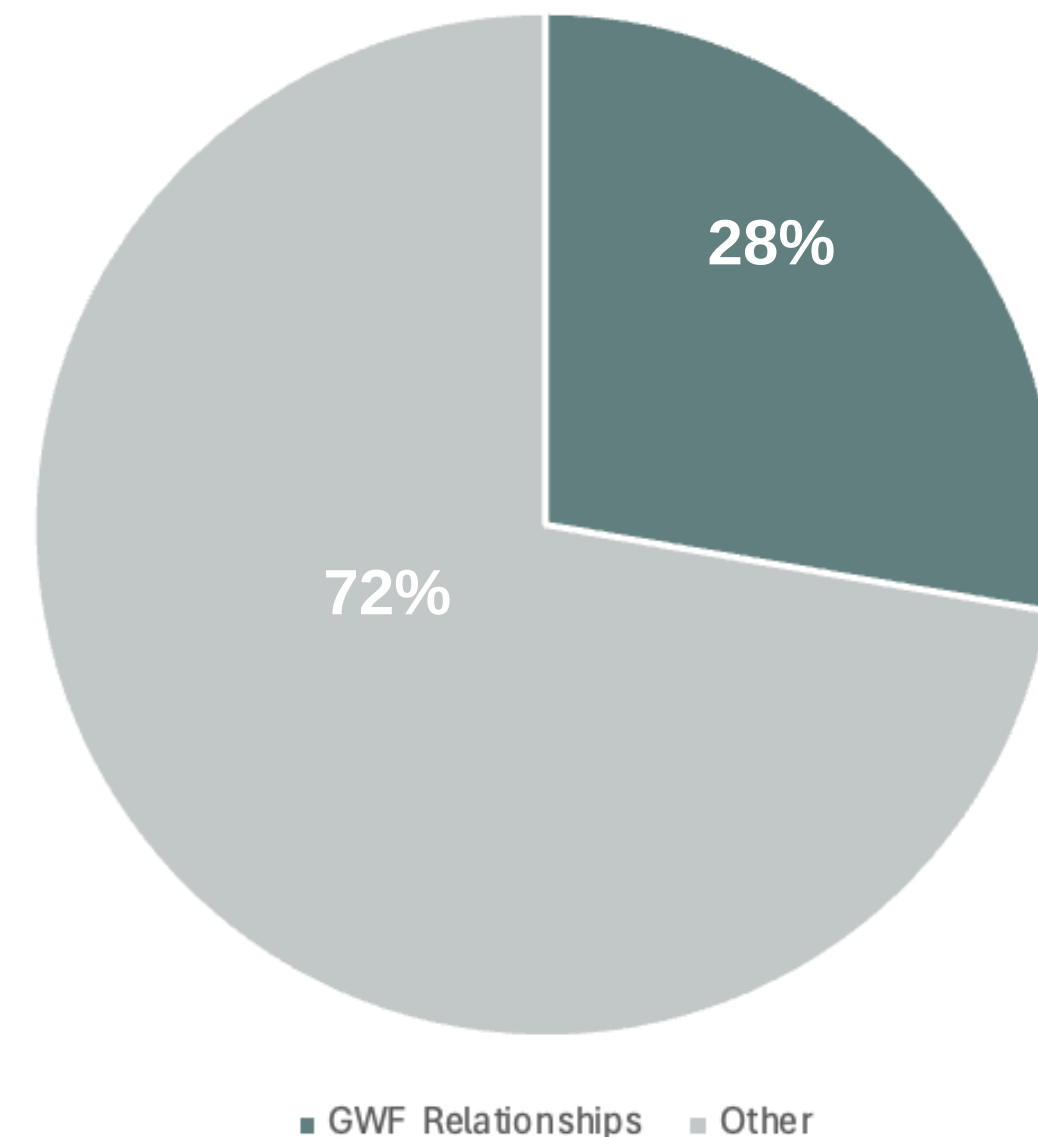
Banks, Financial Institutions, Pension Funds, and Governments all have funds allocated for ESG investing. Many of these funds are mandated for direct investment in qualified green projects.

Institutions with Pledged Capital*

Blackrock-\$6T
JP Morgan- \$2.5T
HSBC- \$1T
Citi-Group-\$1T
Wells Fargo- \$500B
Royal Bank of Canada- \$500B
Standard Charter- \$300B
PIF (Saudi Arabia)- \$10B
KKR- \$1.3B
Emirates NBD
Many Private Funds and Institutions

- Green Wave has relationships with the above Institutions

GWE Has Access to Almost 30%



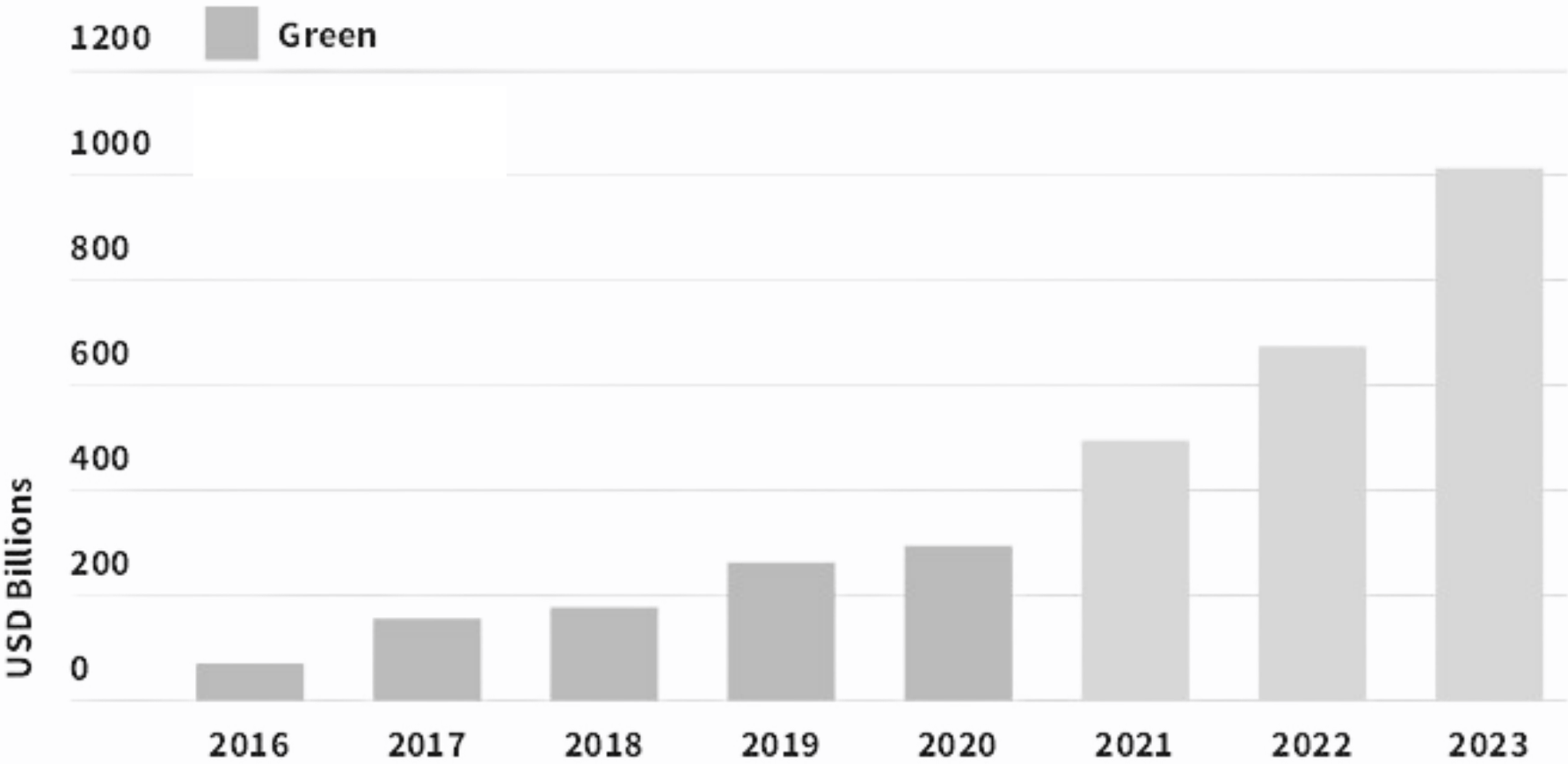
Sustainable Bond Market Growth

The shift to a sustainable economy is now a concrete goal. Companies, governments, and institutions are developing technologies and policies to move towards renewable energy and combat pollution and climate change.

Factors influencing growth for sustainable financing:

- 1. Government Mandates
- 2. Policy Pressure
- 3. Investor Appetite for Energy Transition
- 4. Race to Net-Zero
- 5. \$30T in Pledged Capital
- 6. Project Demand
- 7. Public Sentiment

\$1 Trillion Issued in 2023



© Climate Bonds Initiative, 2021

[1] Climate Bond Initiative

Sustainable Financing: Problem and Solution

THE BANKER

Banking strategies Digital journeys Global economies Regulations ESG & sustainability World

RBC to Triple Renewables Lending Ahead of Shareholder Action

by Anita Hawser



Image: Reuters/Carlos Osorio

Royal Bank of Canada has said it will triple its green energy across its capital markets and grow its overall "low-carbon" financing.

"RBC has committed to providing \$500bn in sustainable finance by 2025.

Last year, according to its latest climate report, the bank provided \$29bn in green finance, referring to dedicated financing in the form of green loans or bonds, and general corporate purpose financing to businesses whose revenue aligns with eligible green activities.

The bank also released the findings of an initial assessment of its energy clients' preparedness for the transition. It concluded that the majority had started preparing, with 79% of RBC who have established transition plans."

Source: <https://www.thebanker.com/RBC-to-triple-renewables-lending-ahead-of-shareholder-action-1710240614>

This article is indicative of the industry as a whole.

Problem:

- Committed **\$500B** (*lots of money committed*)
- Only **\$29B** deployed (*not enough qualified projects*)
- Shareholder **Pressure** (*external mandates to deploy green capital*)
- Businesses must **"qualify"** with green activities (*certifications and audits*)
- **79%** of Clients started an Energy Transition Plan (*customer demand is high*)

Solution:

- 1- Need a **Bond Advisory** firm to help companies issue "qualified" bonds
- 2- Need a **Dedicated Exchange** to easily access mandated capital
- 3- Need **AI-tools** to streamline qualification, reporting, and audits

Source: AXA IM, Bloomberg as of 29th February 2024



- Dedicated Bond Exchange
- Institutional Only
- CUSIP Registered
- Platinum Certified
- Highly Rated
- Qualified Investment Buyers (QIB's)
- Preferred Partners for Liquidity

Bond Issuers

Benefits:

- Bond Advisory Service
- AI tool to Streamline Issuance
- Platinum-Level Certifications
- Access to Liquidity

Bond Investors

Benefits:

- Platinum-Certified
- Higher Trust
- More Deal Flow
- AI evaluation Tools



Bond Advisory Service

Benefits:

- Experienced Strategies
- Platinum Partners
- Access to Capital
- Global Network

AI-Enhanced Tools

Benefits:

- Streamline Due Diligence
- Data-driven reporting
- Improve Audits
- IoT Monitoring

Exchange Revenue Model: Services and Transactions

1. Listing and Transaction

Issuers pay fees to list their green bonds on the exchange. These fees contribute to the exchange's revenue stream.

- Application Fees
- Listing Fees
- Annual
- Transaction Fees

2. Syndication

Offering services for additional syndication, marketing, and promotion can generate additional income.

- Registration
- Marketing
- Road Show
- Presentations

3. Audit/Compliance

Providing additional tools for reporting and audits is an important part of certification and qualification.

- Reporting
- Audit
- Compliance
- Testing

4. Financial Engineering

Companies may need creative financing to restructure debt, fund future projects, or do a Public Listing.

- Debt Restructure
- Future Debt Offerings
- Future Finance Needs
- Public Listing



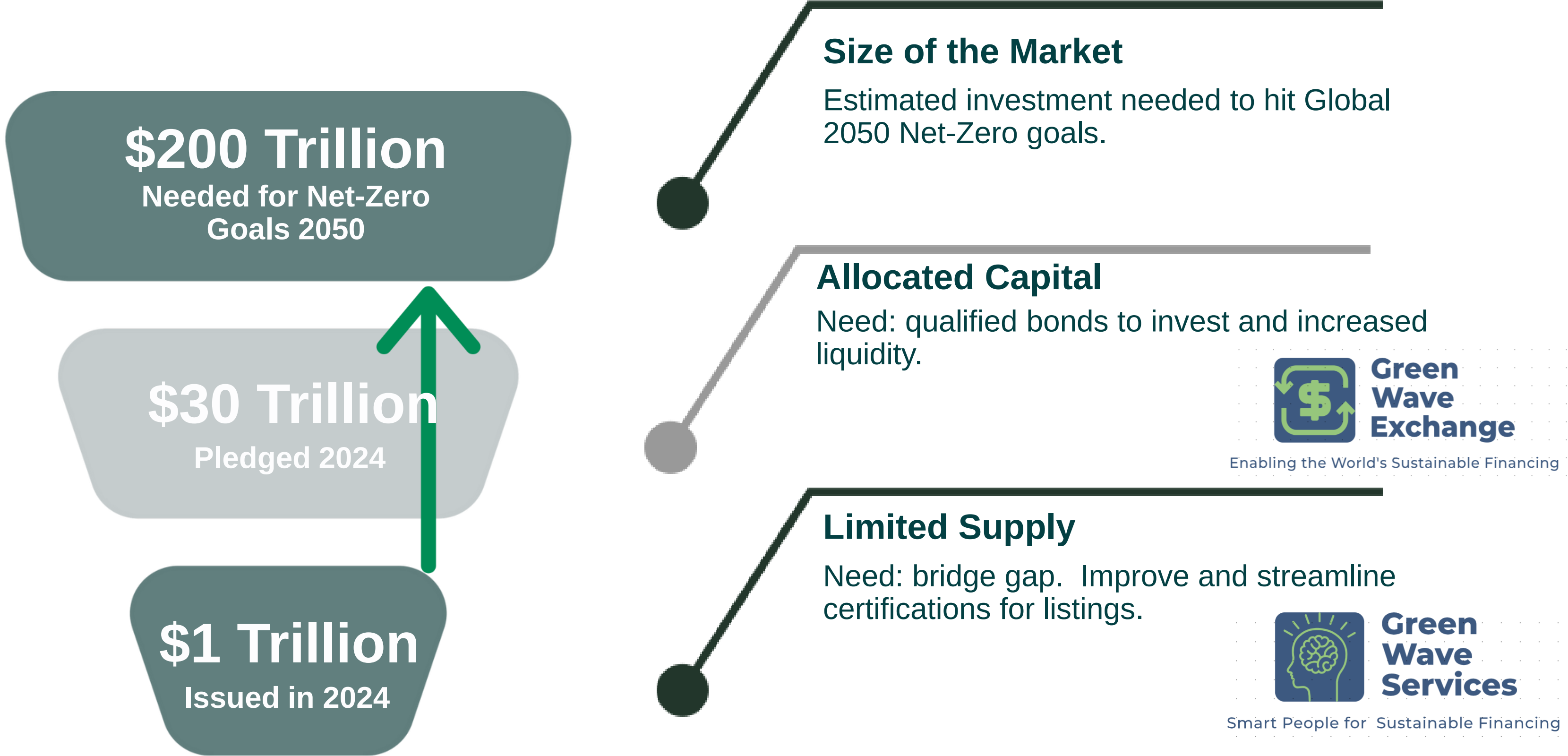
**Green
Wave
Services**

Smart People for Sustainable Financing

- Existing Customers
- Platinum Level Partners
- Experienced Team
- Supports the Exchange
- Preferred Partners

BOND ADVISORY SERVICES

Size of Market and Opportunity Gap



Source: AXA IM, Bloomberg as of 29th February 2024

Many Considerations in Bond Structuring

An issuer contemplating a new bond issuance should carefully consider and clearly define the elements listed below.



To be supported by AI

Full-Service Advisory Firm

1. Strategy & Structure	2. Project Management	3. Registration and Exchange Listing	4. Syndication & Success Fees
<ul style="list-style-type: none"> ◦ Projects from Countries, Governments, and Large Corporations ◦ Existing product, technology, or deployment ◦ Assets, Revenue, or IP for collateralization ◦ Infrastructure, Construction, Housing, Transportation, Energy, Technology, Food 	<ul style="list-style-type: none"> ◦ Prospectus Preparation ◦ Preparation of a PPM for approval, listing, and syndication ◦ Help with getting approval and certification for green/blue band qualification. ◦ Oversee 3rd party Audit, Financial, Legal, SPO, etc* 	<ul style="list-style-type: none"> ◦ Issuance of CUSIP number ◦ Determination of which qualified exchange to list on ◦ Help with approval and exchange listing ◦ Possible Insurance wrapper to provide better financing options and increase bond rating) 	<ul style="list-style-type: none"> ◦ Private Placement ◦ OTC and Direct Listing ◦ Syndication listing and utilization of 7,000+ qualified Funding Sources ◦ Syndication listing on multiple platforms ◦ 3rd Party syndicate partners
Strategy: \$25K+(1 mth.)	(6-9 mths.) \$250K+	3 rd party fees	.75%-3% of Total

* GreenWave Revenue: Strategy, Project Management and Success Fee

** External Underwriting Cost can be 1% of bond amount

Partnerships & Relationships



Legal	Audit	Exchange	Syndication
<ul style="list-style-type: none">◦Global Tier 1 Law Firm◦Rated #1 in the World for Environmental◦Existing experience and portfolio with Green Bonds	<ul style="list-style-type: none">◦Global firm with 21K+ employees, +\$3B Revenue, 70 Countries◦Global Environmental Audits◦Government & Countries	<ul style="list-style-type: none">◦In discussion◦Existing regulated exchange and globally respected, whitelisted Country.	<ul style="list-style-type: none">◦Existing relationships direct◦Potential to plug into existing financial exchanges globally

BlackRock



Traction: Current Projects

Green Bonds:

Indonesia Sustainable Mining: \$400MM (initial) \$5.2B Total

Public/Private Partnership with Indonesian President Joko Widodo, who has committed his country to environmental mining, specifically silica, nickel, and copper mining and processing.

Worlds FIRST Green Shipping Bond: \$680 MM (initial)

\$400MM for two new container ships made with sustainable materials including steel, interior, and more. \$250MM for the purchase of an existing shipping fleet to be converted over time.

Arizona Sustainable City: \$500MM (initial) \$4.8B Total

1100 acres on Native American land near Scottsdale AZ. The development will include three hotels, a 5-acre wave pool, e-sports and entertainment venues, a movie studio, an industrial park, high-tech business facilities, and 100% sustainable energy production.

Idaho Solar Glass: \$500MM

Quantum X, a leader in the semiconductor and solar industries, leverages advanced technologies and strategic partnerships to manufacture solar cells, modules, and glass. The company plans to reach 80% production in 12-14 months. Potential for \$4.5B in 45x Solar Tax Credits.

Ghana: Energy Transition: \$200MM (initial)

Conversion of diesel-powered sanitation trucks to sustainable fuel.

Zimbabwe: Gold back for Sustainable Food: \$250MM (initial)

Under the Country's "Horticulture" program, farming facilities to improve food security, improve GDP, increase population health, and increase export capabilities.

USA Solar Mobility: \$300MM (initial) \$1B Total

Full Solar (no EV environmental or battery impact). Manufacturing facility needed for production. The company has an extensive IP portfolio and over 35,000 pre-orders (\$1.5B). Expansion to UAE.

Blue Bonds:

Bermuda: \$1.4B

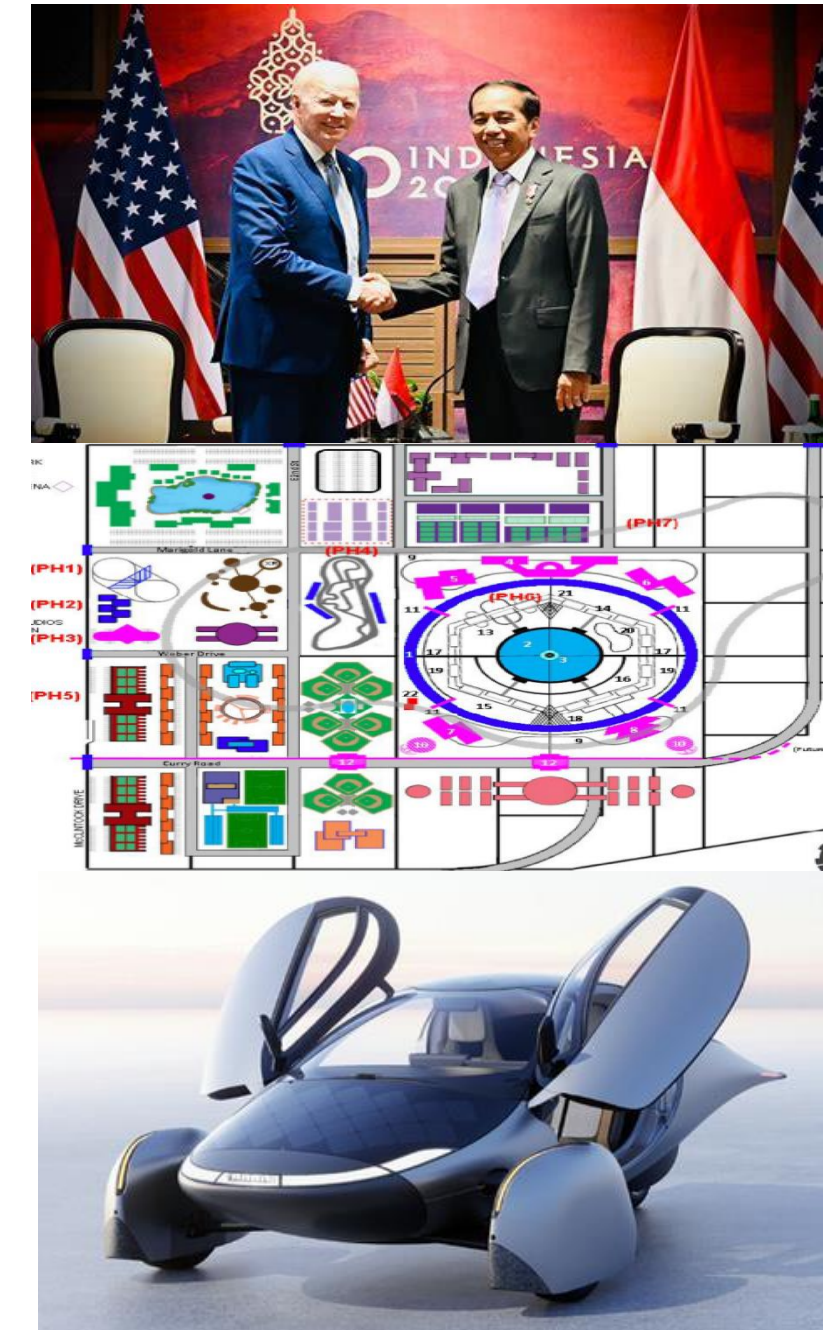
Nature Preserve, Sustainable Fisheries, Deep-Sea Port, Business Center, Hotels, Energy.

Jamaica: \$2.2B

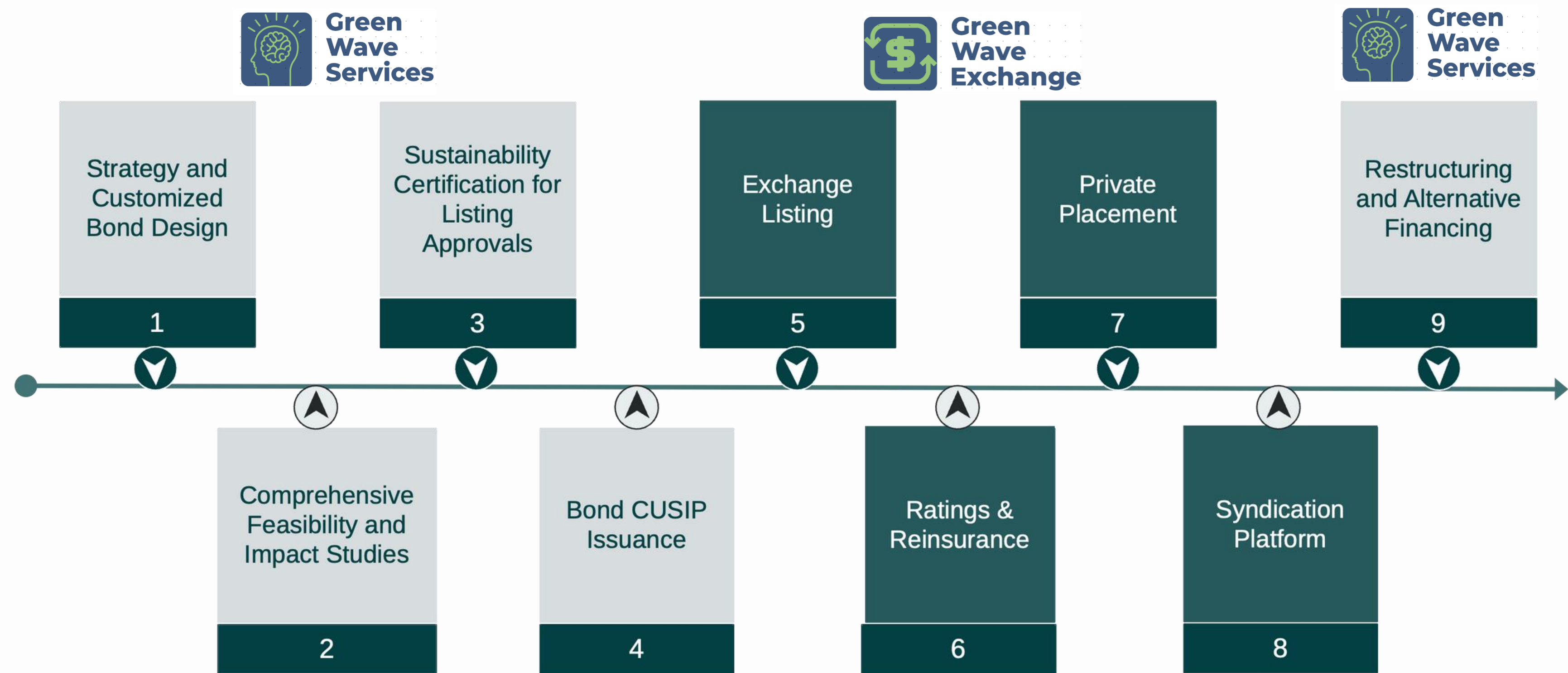
Hotels, Energy, Food Production, Sustainable Fisheries, Business Center.

Sustainable Super Yachts: \$50MM

Converting existing Super Yachts to sustainable power plant, interior materials, etc.



Green Wave Offers Complete End-to-End Solution



Team



Stephen Meade
CEO/Co-Founder

Stephen Meade is an accomplished entrepreneur with decades of experience in financial services and fintech. He has founded and led three public OTC companies, showcasing his expertise in business and technology. Meade is internationally respected for his global innovations, contributions to the industry, and extensive experience in leading successful ventures.

➤ www.TheBullsEyeGuy.com



Walter Grieves
Co-Founder

Entrepreneur Walter Grieves has diverse experience in finance, real estate, and philanthropy. He focuses on special economic zone projects like sustainable mining and smart cities using alternative energy. Grieves uses innovative financing methods like Green Bonds and Stakeholder Capitalism to support indigenous communities.

➤ [LI Link](#)



Igor Barash
COO

Barash is a seasoned Technology Product and Operations Executive who co-founded CyberDefender Corporation, leading it from startup to over \$64 million in revenue and nearly 700 employees. He has since worked as a consultant, advisor, and acting COO for various companies like MonetaPro and Spiral Toys.

➤ [LI Link](#)

Advisors



Peter Knez

Knez Ventures. Former Chief Investment Officer at Blackrock.

Peter, formerly at Barclays Global Investors, boosted U.S. assets under management from \$5 billion to \$40 billion, and global AUM to \$80 billion. He has experience at Lincoln Capital Management and Goldman Sachs, and has taught at several universities. Peter holds a PhD from The Wharton School, University of Pennsylvania, and did post-doctoral work at the University of Chicago.



LI Link



Stephen Ball

Chairman and Board of Trustees- Queens Commonwealth Trust

Stephen has a diverse background, having held leadership roles in global financial institutions and multinational companies. He started his career in law before moving to investment banking across various regions. Stephen has been recognized for his expertise in banking law and provides counsel on topics including the UN Sustainable Development Goals and The Nobel Peace Prize.



LI Link



Zulfiquar Ghadiyali

Executive Director- Private office of HH Sheikh Tahnoon bin Saeed bin Tahnoon Al Nahyan

Mr. Zulfiquar Ghadiyali leads a Fifth Generation family office in Mumbai and Dubai, managing businesses in Real Estate, Steel, General Trading, and Technology sectors. He focuses on sustainable development and ethical investments, holds an MBA from Cornell University, and is a United Nations Global Peace Ambassador at the University for Peace.



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Advisors



**KEVIN
RICHARDS**
Bermuda Asset Authority

Kevin Richards, with 18+ years in financial services in Bermuda, London, and Toronto, focuses on international commerce, economic diversification, and technology. His leadership and strategic vision benefit Bermuda's international business sector for client growth.



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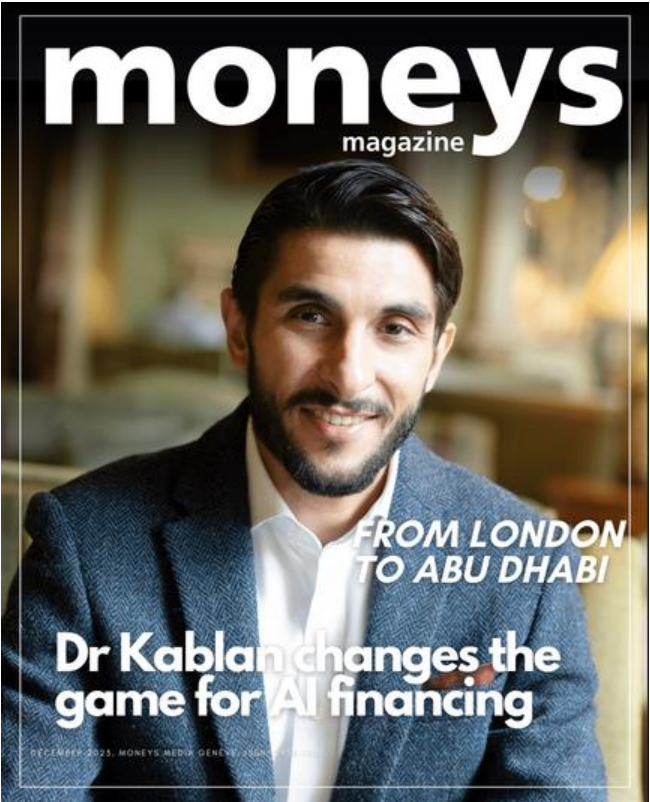


**LARS
ROTTWEILLER**
Founder MBanq

Lars A. Rottweiler, a banking professional and co-founder of Mbanq, leads the banking-as-a-service revolution. As an advisor to Ancova Capital, he influences asset and fund management strategies. With experience at Deutsche Bank, PWC, and Accenture, Lars brings industry expertise. He prioritizes sustainability by integrating environmentally friendly practices into finance for ethical investing principles.



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**Dr. Abdalla
Kablan**

Dr. Abdalla Kablan, a British Arab entrepreneur, Essex, has successfully founded several tech ventures. As a Board Member of the Malta Stock Exchange, he chaired the blockchain committee and integrated Malta's crypto exchanges, earned recognition as the youngest Board Member of a European Stock Exchange, and Arab Business News dubbed him the "Godfather of AI."



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Conclusion

GWF is an industry-established Fintech Platform created to service the projected **\$200 Trillion** market for Sustainable Financing.

Green Wave operates three symbiotic pillars:

1- **Dedicated Green Bond Exchange:** Increases funding deployment for sustainable projects by providing a robust platform for investors and issuers in the green finance market.

2- Comprehensive **Bond Advisory Service:** Assists issuers in crafting successful, Platinum-Certified bond offerings, ensuring compliance with all regulatory and market standards.

3- Best-in-breed **AI Tools:** Streamlines and optimizes sustainable bond funding, thus enhancing decision-making, reducing operational costs, and providing better reporting and compliance.

Leveraging deep experience and unrivaled access, GWF provides premier-level services for the institutional market of sustainable finance. By combining advanced technology with expert advisory services, GWF leads the sector through innovative financial solutions.

Source: AXA IM, Bloomberg as of 29th February 2024





THANK YOU

Contact: Stephen.Meade @ GreenWaveFunding.com

APPENDIX



1. [McKinsey- \\$275 Trillion - A net-zero economy: The impact of decarbonization](#)
2. [S&P Forecasts \\$1 Trillion Sustainable Bond Issuance in 2024](#)
3. [Verizon Issues \\$1 Billion Bond](#)
4. [\\$68 Trillion out of ESG Market- JPMorgan Chase, BlackRock drop out of massive UN climate alliance in stunning move](#)
5. [UAE banks pledge \\$270 bln in green finance at COP28 climate talks | Reuters](#)
6. [\\$100T-\\$150T will be needed](#)
7. [RBC Committed \\$500B, only deployed \\$29B](#)
8. [Gustavo Ecquador \\$650MM Nature Bond- Award Winner](#)
9. [Africa to Net Zero](#)

Research:

1. [Green Bonds Data: Latest 3 Months](#)
2. [Sustainable Bond Issuance Will Return To Growth In 2023](#)

Market Size:

1. [Citi Group commits \\$1 Trillion to Sustainable Finance by 2030](#)
2. [JP Morgan to advance Climate Action](#)
3. [India plans to sell \\$3B in Green Bonds](#)
4. [New Zealand to issue \\$3B in Green Bonds](#)
5. [Citi Group facilitates more than \\$120 Billion in Sustainable Finance](#)
6. <https://www.responsible-investor.com/fund-managers-rejecting-a-fifth-of-green-bonds-as-quality-concerns-continue/>
7. [New Development Bank \\$3Billion Green Bond Fund](#)
8. [Green Bond Market Hits \\$2 Trillion at end of Q3 2022](#)

Problems:

1. [Fund Managers reject >30% of Green Bonds](#)
2. [KKR issues \\$200 MM convertible- no exchange listing](#)



Stephen Meade
Fintech

Stephen Meade is a seasoned entrepreneur with over two decades of experience in financial services, specializing in running public companies. A visionary in blockchain and fintech, he has founded and scaled multiple industry-leading firms. Stephen excels in modernizing banking systems and enhancing financial inclusion. He collaborates with governments and regulatory bodies to shape innovative policies and regulatory frameworks. Known for his strategic planning and operational execution, Stephen's leadership style fosters innovation, teamwork, and rapid growth, making him a respected figure in the financial sector.



Shiekh Tahnoon Bin Saeed
Bin Tahnoon Al Nahyan

Mr. Meade was named the Director of Sustainable Finance for Sheikh Nahyan of Abu Dhabi. In this role, he leverages his extensive experience in financial services, blockchain, and fintech to drive sustainable investment initiatives. Stephen's strategic vision and expertise in creating scalable solutions are pivotal in advancing Sheikh Tahnoon's commitment to sustainable finance. His leadership on fostering economic growth, and environmental responsibility, solidifies his position as a key figure in the global landscape.

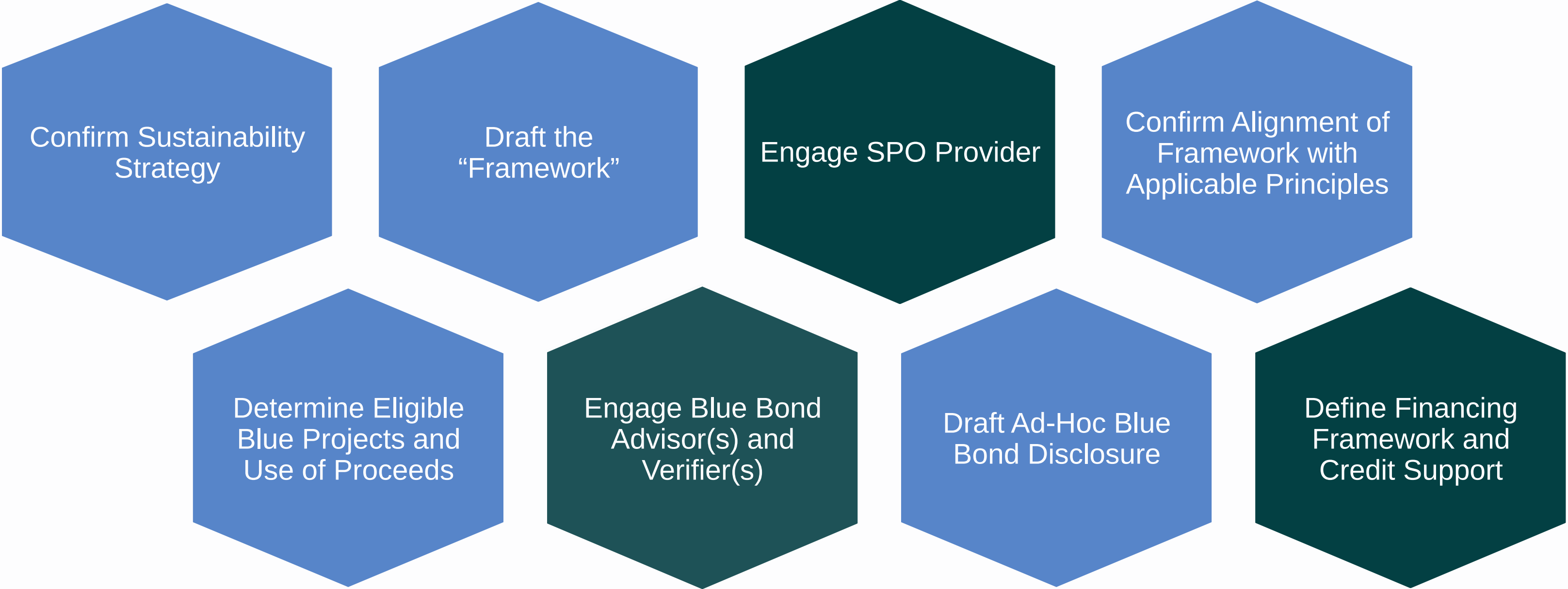


David Burt
Bermuda Premier

Stephen Meade has played a pivotal role in shaping financial regulations, particularly in Bermuda. He collaborates closely with the Bermuda Monetary Authority, contributing to the development of the Digital Asset Innovation Act. His efforts focus on fostering a regulatory environment that promotes innovation while ensuring consumer protection. Stephen's work has been instrumental in positioning Bermuda as a leader in the digital asset space, making it a hub for blockchain/fintech advancements. His expertise and strategic input have helped create a robust framework that balances innovation with regulatory compliance.

Green Bonds: Specific Features & Tasks

An issuer should also contemplate the steps to complete the key tasks listed below.



To be supported by ai.

GreenWave Exchange: End-to-End Solution

APPENDI

X

Our specialty is facilitating the creation, issuance, and funding of **green** and **blue** bonds, a vital financial tool connecting eco-conscious companies with investors eager to back meaningful, sustainable projects.

Strategy and Creative Bond Structure

We ensure that bonds align with international environmental bond standards and suitably appeal to green investors. Creation and creativity is a cornerstone of the process.



Services and Third-Party Certification

We facilitate the engagement of independent external reviewers to assess and confirm that your sustainability bond conforms to the globally recognized sustainability Bond Principles (GBPs).



Ratings, Reinsurance and Syndication

Leveraging our extensive industry relationships and knowledge, we provide unrivaled access to a diverse range of green investors, enhancing your chances of a successful bond issuance.



Source: AXA IM, Bloomberg as of 29th February 2024

Indicative Timeline / Key Workstreams

	MONTHS							
	1	2	3	4	5	6	7	8
<u>Preparatory Phase</u>								
Structuring Discussions / Choose the appropriate instrument								
Identify “Eligible Blue Projects” and determine Use of Proceeds, start drafting the Framework and designate SPO Provider, External Verifier, Blue Structuring Advisor/Bank								
Due Diligence (legal, management and accounting)								
Draft Preliminary Offering Memorandum (to be aligned with the Framework, particularly Risk Factors, Terms & Conditions / DoN, ESG Section)								
Financials Audited / Reviewed (as necessary)								
Drafting Sessions								
Draft and Negotiate Description of Notes and Security Documents (if applicable)								
Preparation for Rating Agencies								
Negotiate Comfort Letter/SAS 72 Rep letter								
Salesforce Teach-in								
Negotiate Purchase Agreement/Legal Opinions								
<u>Execution Phase</u>								
Launch Offering / Roadshow								
Pricing (sign Purchase Agreement and obtain SPO)								
Indenture / Closing Memorandum drafted								
Print Final Offering Memorandum								
Closing – transaction docs signed and opinions delivered								
Post-closing ongoing reporting obligations pursuant to the Framework								

Here's a detailed overview of the issuing process:

1.Pre-Issuance Phase:

1. **Define Framework:** Establish a framework that aligns with recognized standards, such as the Green Bond Principles (GBP) or Climate Bonds Standard (CBS).
2. **Project Selection:** Identify and select projects that qualify for green financing. These projects should contribute to environmental sustainability.
3. **Internal Processes and Controls:** Develop internal processes to track, manage, and report on the use of proceeds from the green bond.

2.External Review:

1. **Obtain Second-Party Opinion:** Engage an external reviewer to evaluate the green bond framework and confirm its alignment with green bond standards.
2. **Verification:** Some issuers may also seek certification from recognized bodies (e.g., the Climate Bonds Initiative) or engage in third-party verification.

3.Structuring the Bond:

1. **Determine Terms:** Set the terms, including the size, maturity, interest rate, and structure (e.g., fixed or floating rate).
2. **Legal Documentation:** Prepare the necessary documents, including prospectus and offering memorandum, ensuring they include details on the green bond framework and use of proceeds.

4.Regulatory Approval:

1. **Submit to Regulators:** Submit the bond prospectus and other required documents to the relevant regulatory authorities for approval.
2. **Compliance Check:** Ensure compliance with local securities laws and regulations.

5.Marketing and Distribution:

1. **Roadshows and Investor Meetings:** Conduct roadshows and meetings with potential investors to market the green bond.
2. **Pricing the Bond:** Based on investor interest and market conditions, set the final terms and price of the bond.

6.Issuance:

1. **Launch the Bond:** Officially launch the green bond in the market.
2. **Allocation:** Allocate the bond to investors based on the demand.

7.Post-Issuance Phase:

1. **Use of Proceeds:** Allocate the proceeds to the pre-identified green projects, maintaining transparency and accountability.
2. **Ongoing Reporting:** Provide regular reports to investors on the use of proceeds and the environmental impact of the funded projects. This typically includes annual updates.

8.Impact Reporting:

1. **Environmental Impact Assessment:** Measure and report the environmental benefits achieved through the projects financed by the green bond.
2. **Continuous Monitoring:** Ensure ongoing monitoring and assessment of the projects to maintain their green credentials.

9.Audit and Assurance:

1. **External Audits:** Engage external auditors to verify the use of proceeds and the environmental impact reports.
2. **Compliance Verification:** Regularly verify compliance with the green bond framework and standards.

Source: AXA IM, Bloomberg as of 29th February 2024



Issuance for the GSSSB asset class should reach **\$900 bil.-\$1 tril.** in 2023.

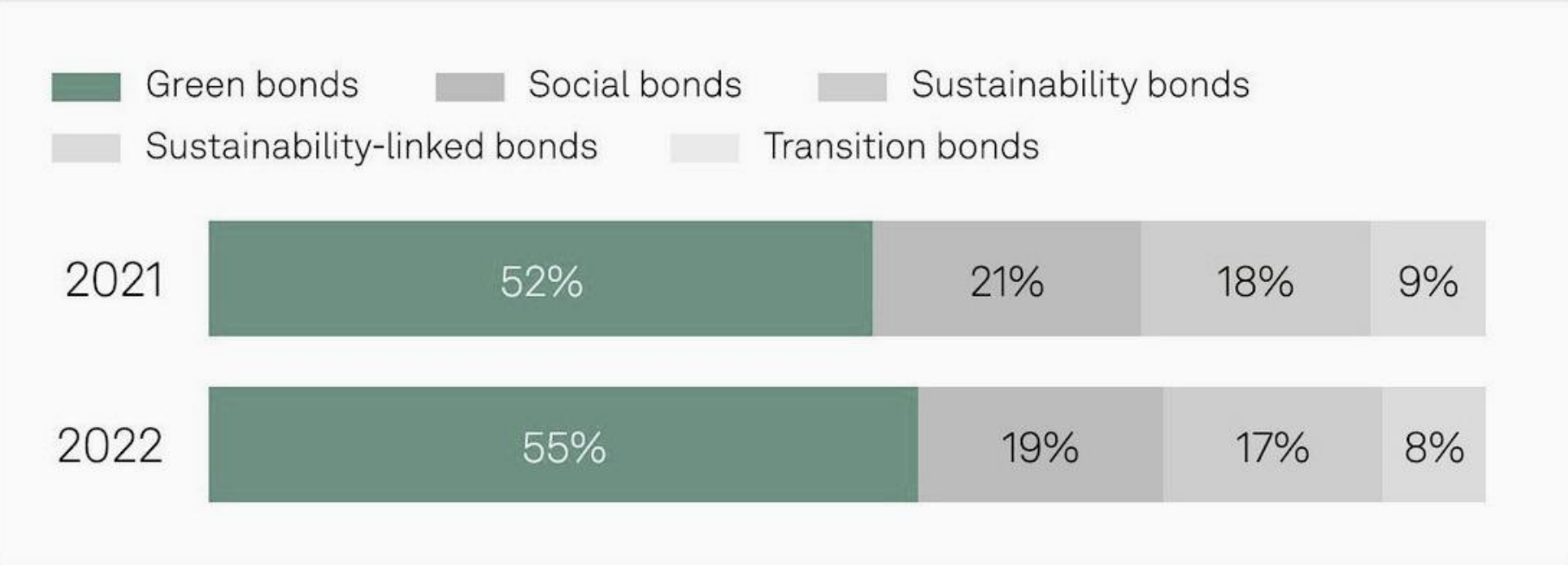


The GSSSB share of the overall market should hit **14%-16%** in 2023.

Europe still leads, but **Asia-Pacific on the rise.**



Green bonds look set to remain the **leading category.**



Financial services was the only sector to grow in 2022, and looks to **continue gaining market share in 2023.**



Sustainable Bond Market Growth

The shift to a sustainable economy is now a concrete goal. Companies, governments, and institutions are developing technologies and policies to move towards renewable energy and combat pollution and climate change.

The green bond market has experienced remarkable growth over the past ten years,.

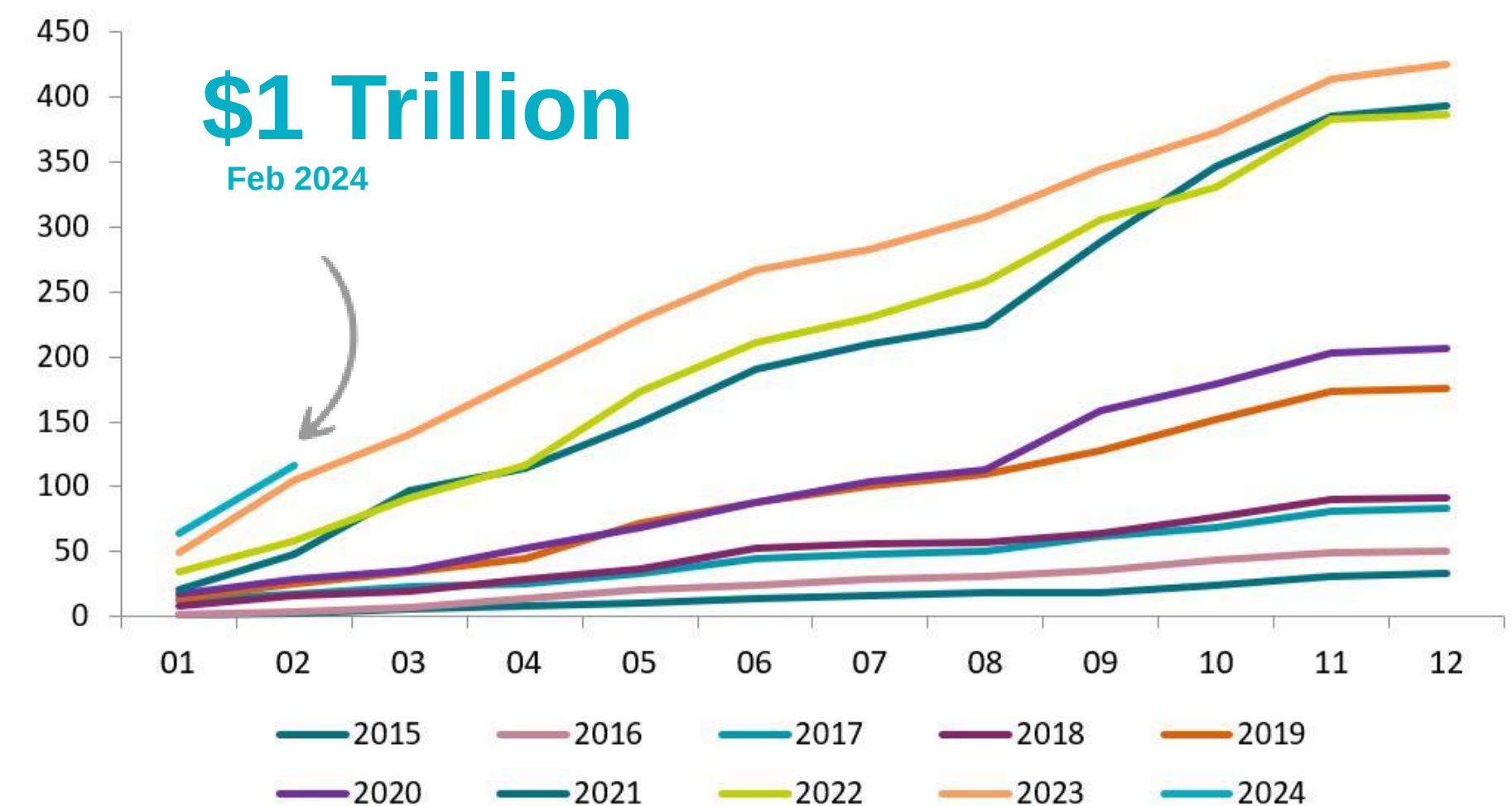
Despite the challenging market conditions in 2023, green bond issuances reached a peak at \$422 billion.

This upward trend has persisted in 2024, reaching \$1.62 trillion with over 740 issuers by February, 2024.

Factors influencing growth:

- 1) policy mandates
- 2) investment in energy transition, and
- 3) public sentiment

Volume of Green Bond Issuances per Year (USD Billions)

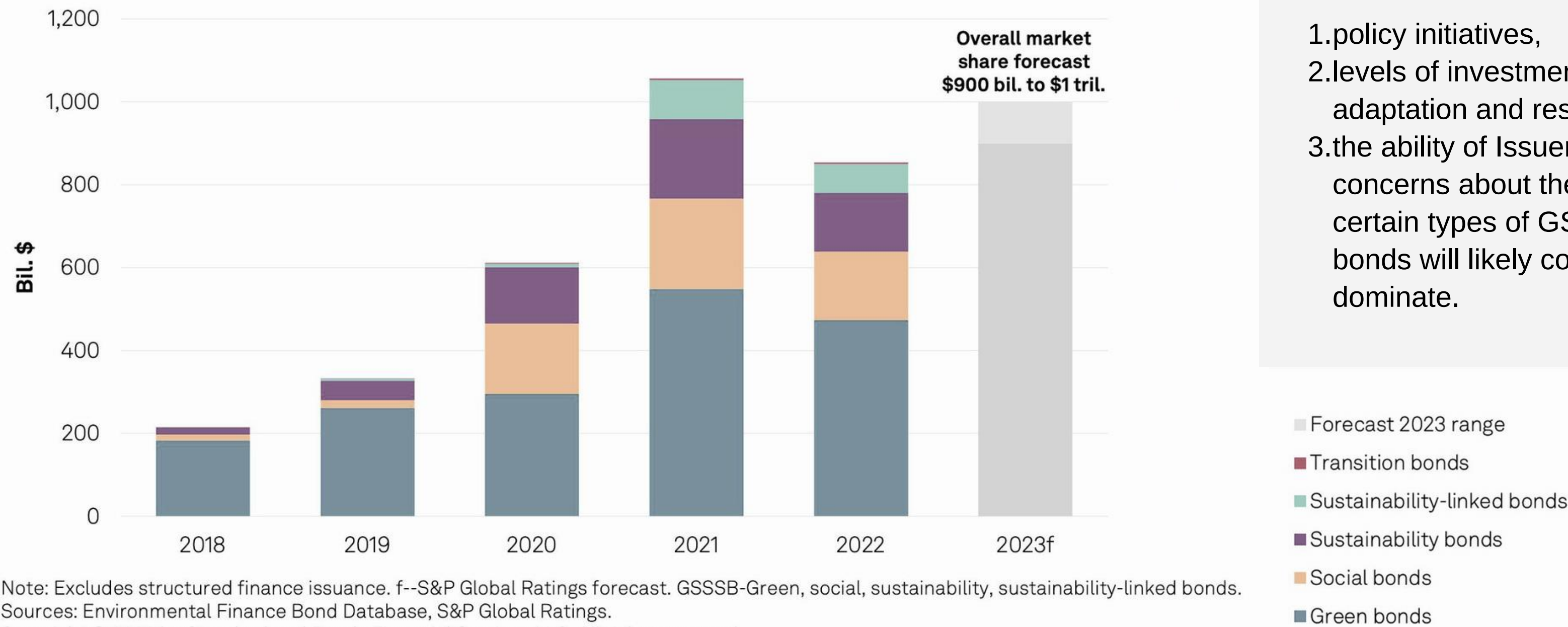


Source: AXA IM, Bloomberg as of 29th February 2024

Green Bond Market (including Sustainable)

Global GSSSB issuance forecast to reach \$900 billion to \$1 trillion in 2023

Annual GSSSB issuance by instrument type



Note: Excludes structured finance issuance. f--S&P Global Ratings forecast. GSSSB-Green, social, sustainability, sustainability-linked bonds.
Sources: Environmental Finance Bond Database, S&P Global Ratings.
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Three factors could drive growth. Broadly, these are

- 1.policy initiatives,
- 2.levels of investment in climate adaptation and resilience, and
- 3.the ability of Issuers to address concerns about the credibility of certain types of GSSSB debt. Green bonds will likely continue to dominate.



[Contact: Stephen.Meade @ GreenWaveFunding. com](mailto:Stephen.Meade@GreenWaveFunding.com)