



**FINNVERA**

# Finnvera Investor Presentation

**Finland's Export Credit and  
SME Financing Agency**

**December 2025**



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# Finnvera in Brief



# Finnvera's role

- **Finnvera supports exports and SMEs by providing loans and guarantees at various business stages.**
- **Task is to supplement the financial services provided by the private sector.**
- Finnvera serves Finnish micro, small, and medium-sized enterprises (SMEs) operating domestically or expanding internationally.
- Our clients also include large Finnish corporations engaged in the export trade, their foreign customers, and domestic and foreign banks providing financing for exports.
- **Finnvera is:**
  - The official Export Credit Agency (ECA) of Finland
  - The State-backed financier of Finland's SME sector.





# Finnvera Group in Brief

- Specialised financing company owned 100% by the Republic of Finland.
- Debt obligations explicitly guaranteed by the Republic of Finland.
- Rating of debt obligations Aa1/P-1 by Moody's and AA/F1+ by Fitch.

## KEY FIGURES, SEPTEMBER 2025

### LENDING & GUARANTEE COMMITMENTS

Domestic  
**€2.4**  
billion

Exports  
**€23.9**  
billion

### BALANCE SHEET

**€15.0**  
billion

### RESULT Q3

**€360**  
million



# Role and impact in society

Sustainability is the cross-cutting foundation of the strategy, and impact as its goal means that our financing helps clients generate turnover, make a profit and create jobs which would not have otherwise been possible.

## FINNVERA'S ROLE AND IMPACT IN SOCIETY

Figures of the reference year 2023 are in parentheses

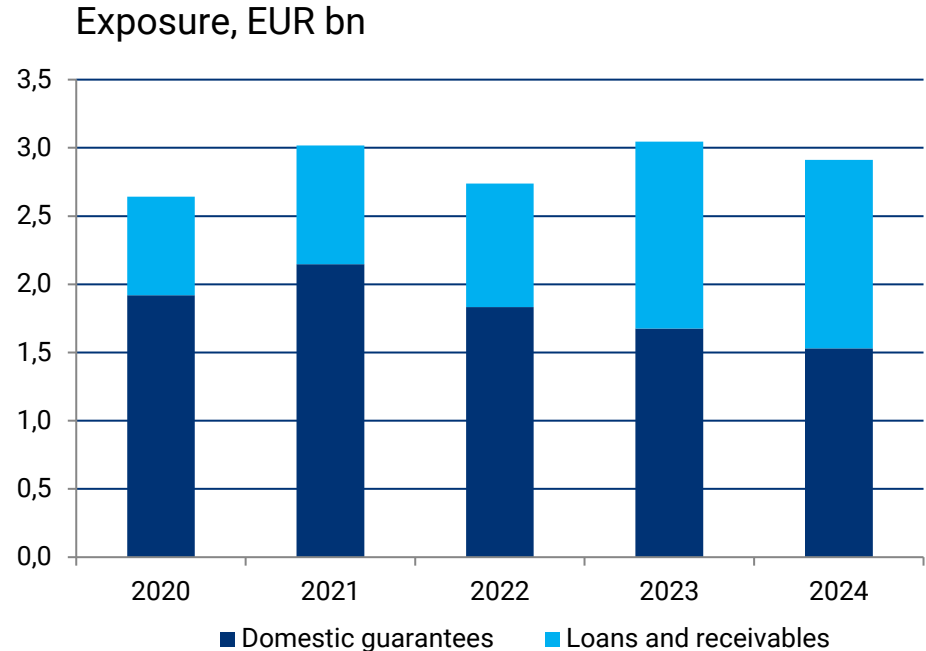
| Impacts on society                                                                | Social impacts                                                        | Environmental impacts                                                                      |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Domestic financing offered:<br>MEUR 881<br>(1,793)                                | Personnel expenses:<br>MEUR 33<br>(32)                                | Emissions from Finnvera's own operations 2023:<br>1,339 t CO <sub>2</sub> e<br>(2022: 549) |
| Start-ups launched with the help of financing:<br>1,610 PCS<br>(1,666)            | Personnel training:<br>MEUR 0.4<br>(0.5)                              | Emissions from financed projects (2023):<br>4.9 Mt CO <sub>2</sub> e<br>(2022: 5.7)        |
| Jobs created with the help of domestic financing:<br>5,146<br>(4,835)             | Personnel satisfaction index:<br>78.8<br>(2021: 76.8)                 | Finnish exports: to<br>81 countries<br>(85)                                                |
| Export credit guarantees and special guarantees offered:<br>MEUR 2,873<br>(5,413) | ESG assessment, export credit guarantees granted:<br>346 PCS<br>(321) | Renewable's share of export exposures related to energy production:<br>42%<br>(38)         |

# Business Review



# SME and Midcap Financing

- Finnvera's mandate is to support the Finnish SME sector with focus on start-ups and growth companies.
- Annual credit and guarantee losses in SME and midcap financing range between 2–4% of total exposure.
- The state covers 50% of Finnvera's domestic losses, allowing for greater risk tolerance compared to commercial banks.
- Non-performing exposure EUR 181 million, 7.5% of the total exposure.

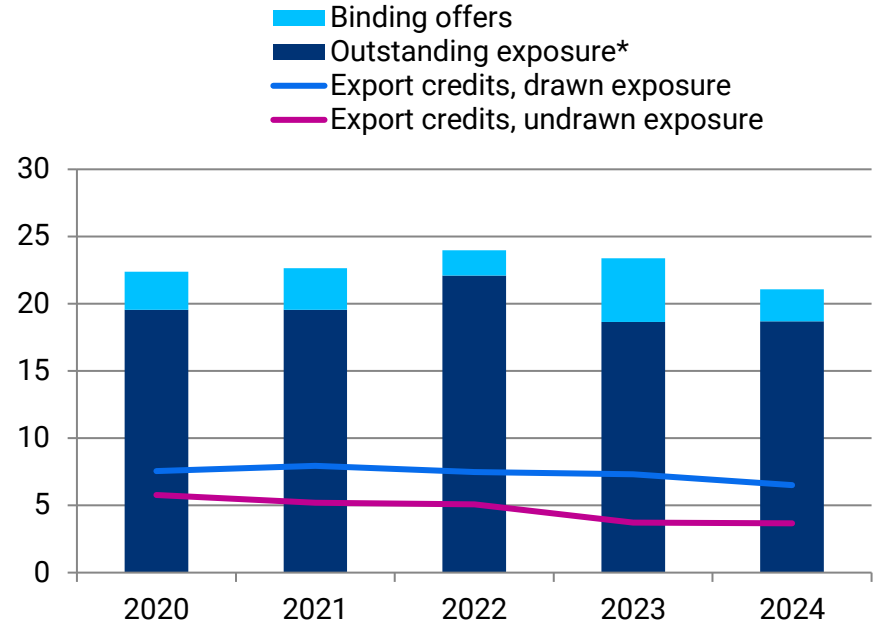




# Large Corporates

- For large corporates Finnvera provides export financing to ensure Finnish enterprises' competitiveness on the international export market.
- Finnvera's export credit guarantees provide Finnish exporters and financiers with cover for credit risks.
- Export credits provide long term financing to foreign buyers of Finnish capital goods.
- In 2024, Finnvera's export credit guarantees amounted to 4% of Finland's exports of goods.
- Realised losses in export credit guarantee and special guarantee operations have been minor (NPE: EUR 113 million).

Exposure, EUR bn





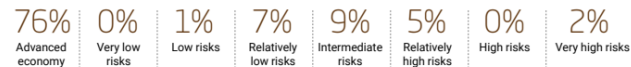
# Finnvera as a provider of export financing

## Total exposure export credit guarantees and special guarantees

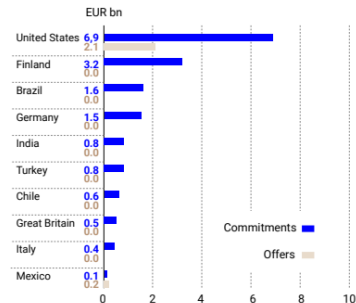
31 Dec 2024

EUR **21.1** bn  
including commitments and binding offers.

### EXPOSURE BY COUNTRY RISK CLASSIFICATION 31 DEC 2024



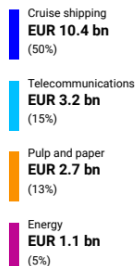
### THE BIGGEST COUNTRY EXPOSURES 31 DEC 2024



OTHER EUROPE  
EUR **1.5** bn  
(7%)

EU COUNTRIES  
EUR **5.6** bn  
(27%)

### EXPOSURE BY SECTOR 31 Dec 2024



### ASIA

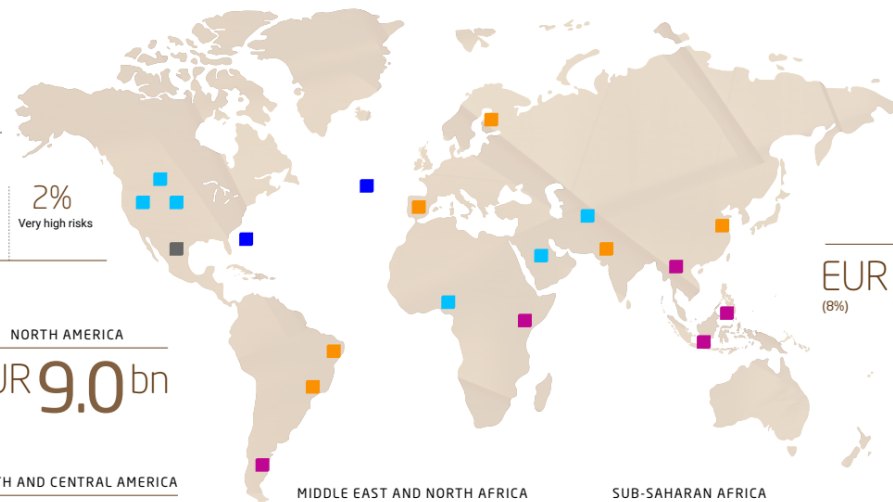
EUR **1.7** bn  
(8%)

Mining and metals  
EUR 0.8 bn  
(4%)

Others\*  
EUR 2.2 bn  
(10%)

Other industries  
EUR 0.6 bn  
(3%)

\* Including other risks such as state and bank risks and risk transfer.



### NORTH AMERICA

EUR **9.0** bn  
(43%)

### SOUTH AND CENTRAL AMERICA

EUR **2.7** bn  
(13%)

### MIDDLE EAST AND NORTH AFRICA

EUR **0.1** bn  
(1%)

### SUB-SAHARAN AFRICA

EUR **0.4** bn  
(2%)



ESG

# Finnvera's Climate Strategy

Finnvera implements its climate change mitigation strategy in six areas: incentives, measurement, risk management, exclusion, engagement and competence.

## CLIMATE CHANGE MITIGATION IN FINNVERA'S OPERATIONS 2025-2028

| Incentives                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Measurement and reporting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Risk management                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>We help our customers seize the opportunities created by climate change action by financing growth, exports and investments.<br/>Completed actions/what we will do:</p> <ul style="list-style-type: none"> <li>We will offer climate and digitalisation loans to SMEs using the InvestEU guarantee programme</li> <li>We have criteria for export projects in which we identify climate-friendly features and agree on incentives for climate-friendly projects.</li> </ul> <p><b>Intent in 2025-2028:</b></p> <ul style="list-style-type: none"> <li>We will develop the criteria and incentives further as necessary.</li> </ul>                                                                                                         | <p>We set goals for, measure and report on the climate impacts of the projects we finance and our own operations.<br/>Completed actions/what we will do:</p> <ul style="list-style-type: none"> <li>We will calculate the carbon footprint of Finnvera's operations and the projects financed by us annually</li> <li>We will produce a Poseidon Principles calculation and report on ship financing annually</li> <li>We set a climate goal for 2050 and produced a portfolio-specific CO<sub>2</sub>/EUR indicator to monitor our performance.</li> </ul> <p><b>Intent in 2025-2028:</b></p> <ul style="list-style-type: none"> <li>We will report on climate issues in accordance with the EU CSRD framework</li> <li>We will take the requirements of the Net Zero ECA commitment into account in our goals, calculations and reporting</li> <li>We will develop our handprint calculation further.</li> </ul> | <p>We incorporate climate change risks in our key financing decisions and risk management.<br/>Completed actions/what we will do:</p> <ul style="list-style-type: none"> <li>We will use the ESG traffic light model and report for assessing domestic financing projects, including CO<sub>2</sub> emissions</li> <li>We will assess climate risks as part of decision proposals for financed projects and the Internal Capital Adequacy Assessment Process (ICAAP)</li> <li>We have included ESG risks in our company analysis.</li> </ul> <p><b>Intent in 2025-2028:</b></p> <ul style="list-style-type: none"> <li>We will observe the requirements of the updated OECD Common Approaches agreement for assessing the climate impact of projects.</li> </ul> |
| Exclusions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Engagement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Competence                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <p>Our sectoral policies exclude the most harmful projects for the climate.<br/>Completed actions/what we will do:</p> <ul style="list-style-type: none"> <li>We have restricted our export credit guarantees for oil and gas sectors from 1 January 2023, with strictly limited exceptions</li> <li>Coal power and foreign peat projects were already excluded from Finnvera's financing earlier</li> <li>We prepared internal guidelines for assessing compliance with the Paris Agreement.</li> </ul> <p><b>Intent in 2025-2028:</b></p> <ul style="list-style-type: none"> <li>We will monitor the development of policies and practices in other countries closely and update our fossil fuels exclusion policy as necessary.</li> </ul> | <p>We influence the regulatory framework of export financing.<br/>Completed actions/what we will do:</p> <ul style="list-style-type: none"> <li>We will exert influence and participate actively in OECD Arrangement discussions and in the E3F coalition, which strives for transparency in the financing of energy projects</li> <li>We joined the Net-Zero ECA Alliance convened by the UN</li> <li>We are members of the Bern Union Climate Working Group</li> </ul> <p><b>Intent in 2025-2028:</b></p> <ul style="list-style-type: none"> <li>We will participate actively in discussions to create a level playing field and common rules for green transition financing.</li> </ul>                                                                                                                                                                                                                         | <p>Sustainability is one of our strategic competences.<br/>Completed actions/what we will do:</p> <ul style="list-style-type: none"> <li>CSRD training has been offered to all personnel members, the Management Group and the Board</li> <li>FIBS membership enables us to provide responsibility training for the whole personnel</li> <li>We held an information session on diversity for the personnel</li> <li>We organised training for our personnel on the climate goal and criteria as well as the incentives associated with them.</li> </ul> <p><b>Intent in 2025-2028:</b></p> <ul style="list-style-type: none"> <li>We will provide continuous training and build up the personnel's competence on climate issues.</li> </ul>                      |

# Finnvera's Biodiversity Strategy

Along with climate change mitigation, biodiversity will become another priority area of Finnvera's sustainability from 2025 on.

## MANAGEMENT OF BIODIVERSITY AND BIODIVERSITY LOSS IN FINNVERA'S OPERATIONS

### Incorporating biodiversity in responsible operation

Incorporating biodiversity in responsible operation.

- We prepared a roadmap to support the biodiversity strategy, setting of goals and monitoring of their achievement.

#### Our goals:

- We will address impacts on biodiversity and biodiversity loss in our existing operating policies
- We will set a goal for the protection of ecosystems and biodiversity and the mitigation of biodiversity loss.

### We measure and report

We measure and report on the impacts of our biodiversity actions.

- We initially identified the biodiversity themes that are essential for Finnvera's operations (CSRD double materiality analysis).

#### Our goals:

- We will define company-level indicators for monitoring biodiversity impacts.
- We will measure, assess and report on the biodiversity impacts of our operations and those of the projects we finance (according to the CSRD).

### We manage impacts and risks

We include the biodiversity-related impacts, risks and opportunities in our risk management process.

- We will continue to manage biodiversity risks by checking if projects for which export credit guarantees are applied are located in areas of sensitive biodiversity or nature reserves
- We will continue to assess and monitor biodiversity impacts in large projects.

#### Our goals:

- We will give biodiversity risks and opportunities a clearer role in decision proposals concerning projects.

### We exert influence

We exert influence on the rules of export financing.

- We will continue to promote the consideration of biodiversity and biodiversity loss in the OECD Arrangement and in the Common Approaches working party on biodiversity with like-minded export credit agencies.

#### Our goals:

- We will work together with other export credit agencies to promote the assessment and measurement of biodiversity impacts as well as best practices.

### We encourage

We encourage our clients to benefit from biodiversity-related opportunities by financing growth, exports and investments.

- We will encourage our clients to participate in projects that mitigate biodiversity loss and are more biodiversity-friendly by financing growth, exports and investments.

#### Our goals:

- We will encourage our clients to participate in projects that mitigate biodiversity loss and are more biodiversity-friendly by financing growth, exports and investments
- We will increase awareness of biodiversity impacts in our client and stakeholder cooperation.

### We grow and develop

Sustainability is part of our strategic competence.

- FIBS membership enables us to provide biodiversity training for the whole personnel.

#### Our goals:

- We will continuously monitor the biodiversity-related impacts, risks and opportunities of our operations and the achievement of the set goals
- An overview of the biodiversity-related impacts, risks and opportunities associated with our operations will be submitted regularly to the company management.



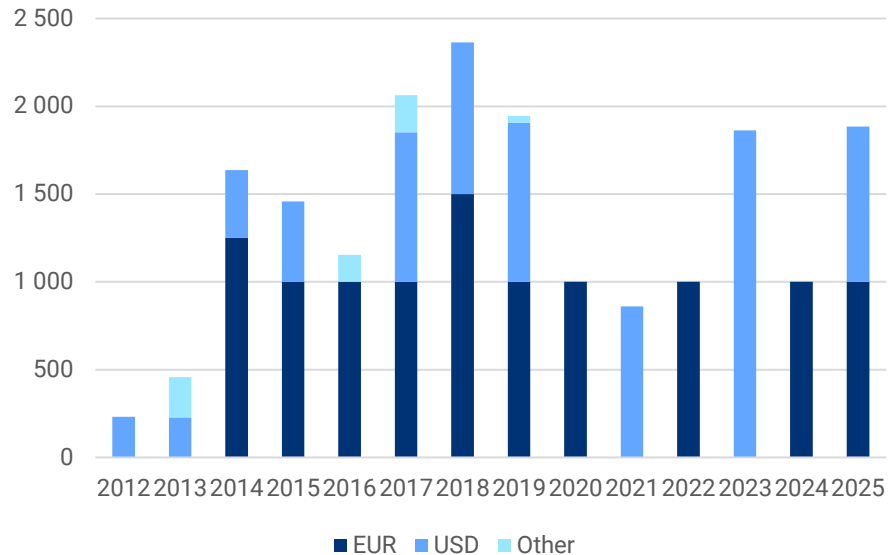
# Funding



# Long Term Funding

- Finnvera secures funding through a EUR 17 billion EMTN program
- The issues unconditionally and irrevocably guaranteed by the Republic of Finland.
- Planned long-term funding for 2025 is approximately EUR 1–2 billion.
  - USD 1 billion completed in May
  - EUR 1 billion completed in October

Annual EMTN funding volume, (EUR million)

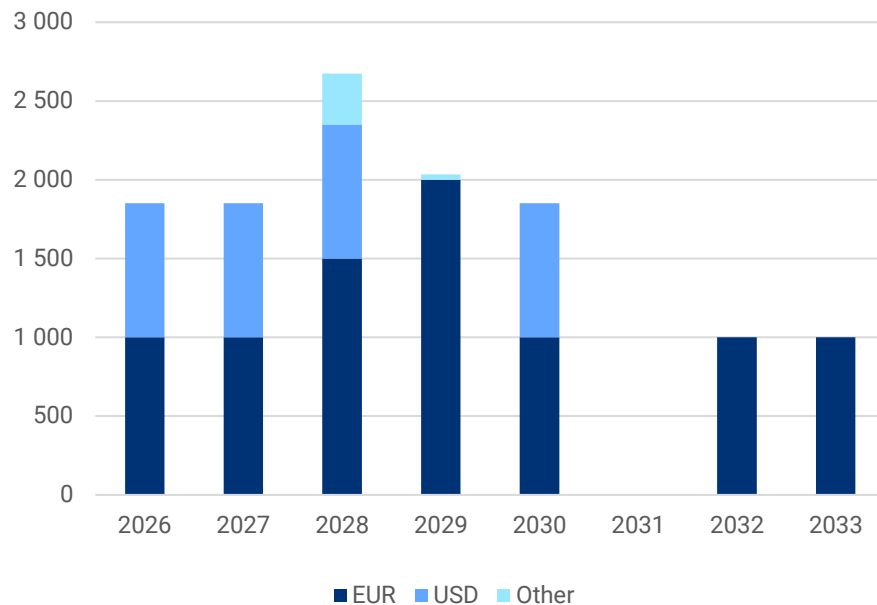




# Long Term Funding

- Objective to maintain well defined secondary market curves in both EUR and USD.
- Investor demand and ALM policies also taken into account in selection of currency and maturity.
- LCR Level 1, CRR/BIS risk weight 0%, Solvency II 0%.
- EUR debt eligible for the Eurosystem's Public Sector Purchase Programme (PSPP).

Maturity of EMTN debt, (EUR million)

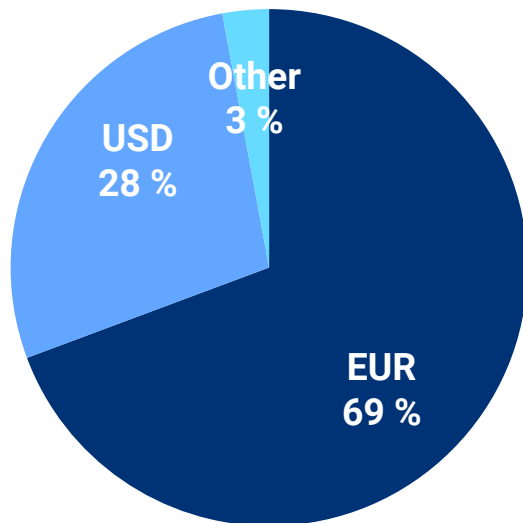




# Long Term Funding

## EMTN debt by currency

Outstanding amount EUR 12.3 billion



Debt swapped into floating rate EUR or USD to match the currency and interest rate basis of assets.

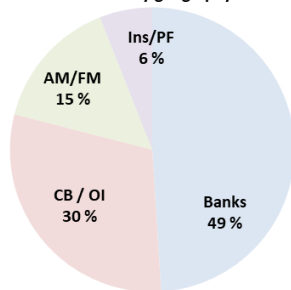
## Outstanding benchmark issues

| Issue date   | Currency | Amount (Million) | Maturity date |
|--------------|----------|------------------|---------------|
| Oct 22, 2025 | EUR      | 1,000            | Oct 29, 2030  |
| May 22, 2025 | USD      | 1,000            | Aug 29, 2030  |
| May 22, 2024 | EUR      | 1,000            | Aug 30, 2029  |
| Oct 18, 2023 | USD      | 1,000            | Mar 17, 2027  |
| Jun 8, 2023  | USD      | 1,000            | Jun 15, 2028  |
| Sep 1, 2022  | EUR      | 1,000            | Mar 8, 2028   |
| Oct 20, 2021 | USD      | 1,000            | Oct 27, 2026  |
| Sep 8, 2020  | EUR      | 1,000            | Sep 15, 2027  |
| Apr 2, 2019  | EUR      | 1,000            | Apr 9, 2029   |
| Oct 31, 2018 | EUR      | 500              | Aug 7, 2028   |
| Mar 7, 2018  | EUR      | 1,000            | Jul 14, 2033  |
| May 10, 2017 | EUR      | 1,000            | May 17, 2032  |
| Apr 6, 2016  | EUR      | 1,000            | Apr 13, 2026  |

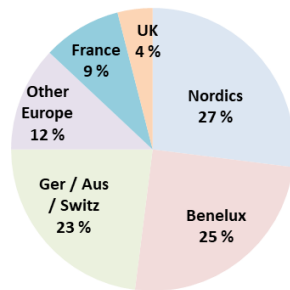


# Distribution of selected EMTN issues

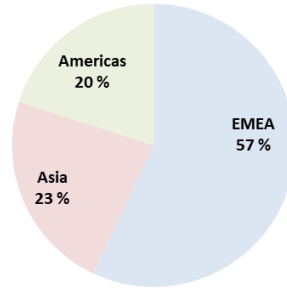
**10/2025: 5y EUR 1bn 10/2030**  
Order book 3.4bn; Re-offer MS +19  
Distribution by geography



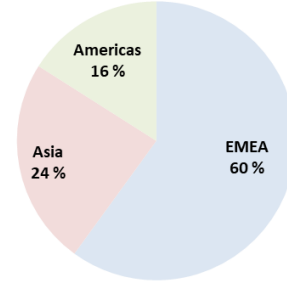
**05/2024: long 5y EUR 1bn 8/2029**  
Order book 2.5bn; Re-offer MS +8  
Distribution by geography



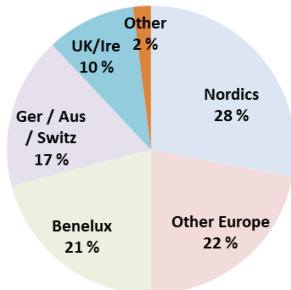
**05/2025: 5y USD 1bn 8/2030**  
Order book 2.35bn; Re-offer SOFR+50  
Distribution by geography



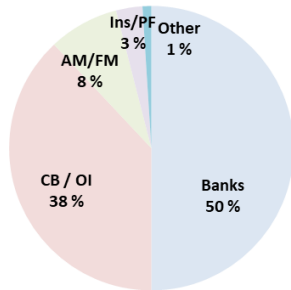
**10/2023: 3y USD 1bn 3/2027**  
Order book 1.6bn; Re-offer SOFR+42  
Distribution by geography



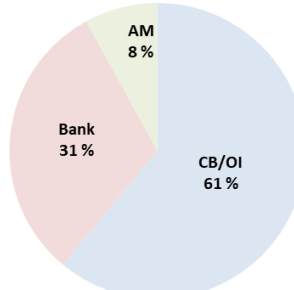
Distribution by investor type



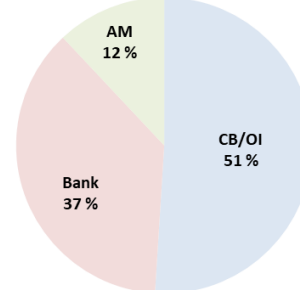
Distribution by investor type

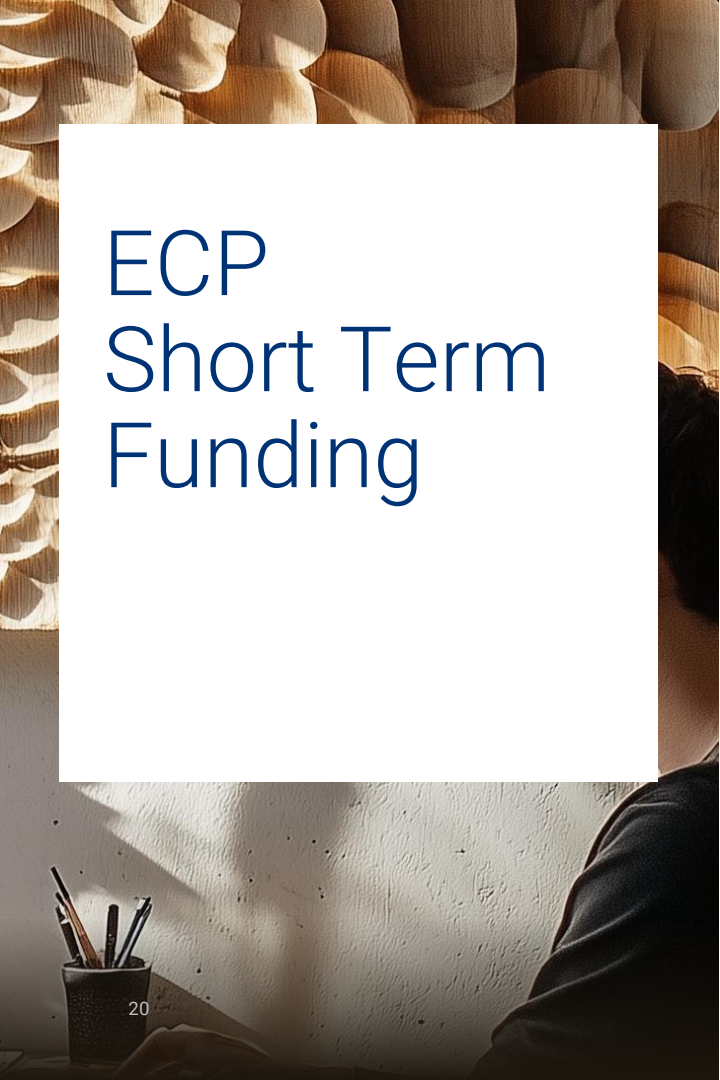


Distribution by investor type



Distribution by investor type





# ECP Short Term Funding

## Explicit guarantee by the Republic of Finland

|                    |                                         |
|--------------------|-----------------------------------------|
| Programme launched | <b>Q1/2022</b>                          |
| Programme size     | <b>EUR 3 billion</b>                    |
| Rating             | Moody's: <b>P-1</b> / Fitch: <b>F1+</b> |
| Dealers            | <b>Barclays, BofA &amp; Citi</b>        |
| Currencies         | <b>EUR and USD</b>                      |
| Target maturities  | 1M – 6M                                 |

Medium term target for outstanding amount approximately EUR 1 billion.



# The Finnish Economic Outlook



# Finland in Numbers



Population 2023

**5 603 851**

Live births 2023

**43 383**



Size of household-dwelling units 2023

1 person

**47%**

2 persons

**32%**

3+ persons

**21%**



Population density 1 Jan 2024



**18.4**

inhabitants per km<sup>2</sup>

Enterprises having received business subsidies 2023

**18 889**



Total earnings of wage and salary earners 2022

Men

**3 753**

Women

**3 136**

euro per month median



Industrial structure 2023 share of the employed

Services and administration

**74%**



Industry and construction

**21%**



Agriculture and forestry

**4%**



GDP 2023 preliminary data

**49 777**

euro per inhabitant



Central government debt 2023

**27 803**

euro per inhabitant



## Enterprises, 2022

| Industry                                          | Enterprises    | %          | Personnel <sup>1)</sup><br>Thousand | Turnover<br>€ million |
|---------------------------------------------------|----------------|------------|-------------------------------------|-----------------------|
| Agriculture, forestry and fishing                 | 128 011        | 22.4       | 44                                  | 3 285                 |
| Manufacturing                                     | 28 434         | 5.0        | 308                                 | 176 687               |
| Construction                                      | 56 140         | 9.8        | 162                                 | 45 872                |
| Wholesale and retail trade <sup>2)</sup>          | 55 051         | 9.6        | 226                                 | 139 835               |
| Transportation and storage                        | 23 695         | 4.1        | 108                                 | 25 119                |
| Accommodation and food service activities         | 16 069         | 2.8        | 54                                  | 7 603                 |
| Information and communication                     | 20 986         | 3.7        | 102                                 | 26 992                |
| Financial and insurance activities                | 15 836         | 2.8        | 43                                  | 32 860                |
| Real estate activities                            | 42 862         | 7.5        | 20                                  | 13 455                |
| Professional, scientific and technical activities | 68 216         | 11.9       | 116                                 | 19 726                |
| Administrative and support service activities     | 24 409         | 4.3        | 144                                 | 15 452                |
| Human health and social work                      | 26 377         | 4.6        | 99                                  | 10 617                |
| Other service activities                          | 32 047         | 5.6        | 21                                  | 2 064                 |
| Other industries                                  | 33 609         | 5.9        | 51                                  | 36 386                |
| <b>Total</b>                                      | <b>571 742</b> | <b>100</b> | <b>1 498</b>                        | <b>555 953</b>        |
| <b>Size category of personnel</b>                 |                |            |                                     |                       |
| 0-4                                               | 533 811        | 93.4       | 219                                 | 68 271                |
| 5-9                                               | 17 728         | 3.1        | 115                                 | 30 092                |
| 10-19                                             | 10 021         | 1.8        | 134                                 | 35 904                |
| 20-49                                             | 6 380          | 1.1        | 191                                 | 55 893                |
| 50-99                                             | 2 106          | 0.4        | 146                                 | 53 748                |
| 100-249                                           | 1 027          | 0.2        | 156                                 | 58 783                |
| 250-499                                           | 369            | 0.1        | 126                                 | 46 679                |
| 500-999                                           | 176            | 0.0        | 124                                 | 47 950                |
| 1 000-                                            | 124            | 0.0        | 286                                 | 158 633               |
| <b>Total</b>                                      | <b>571 742</b> | <b>100</b> | <b>1 498</b>                        | <b>555 953</b>        |

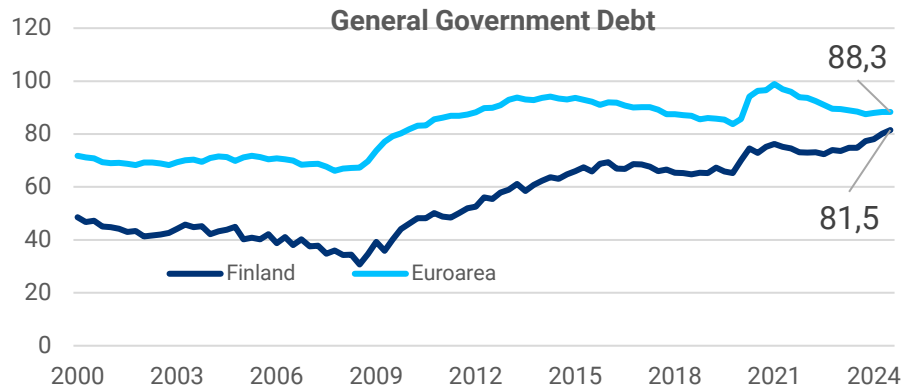
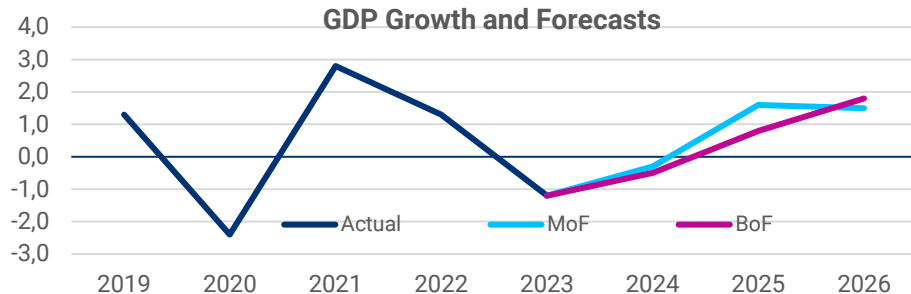
<sup>1)</sup> Staff-years

<sup>2)</sup> Incl. repair of motor vehicles and motorcycles

# Economic Outlook of Finland (1st of Feb)

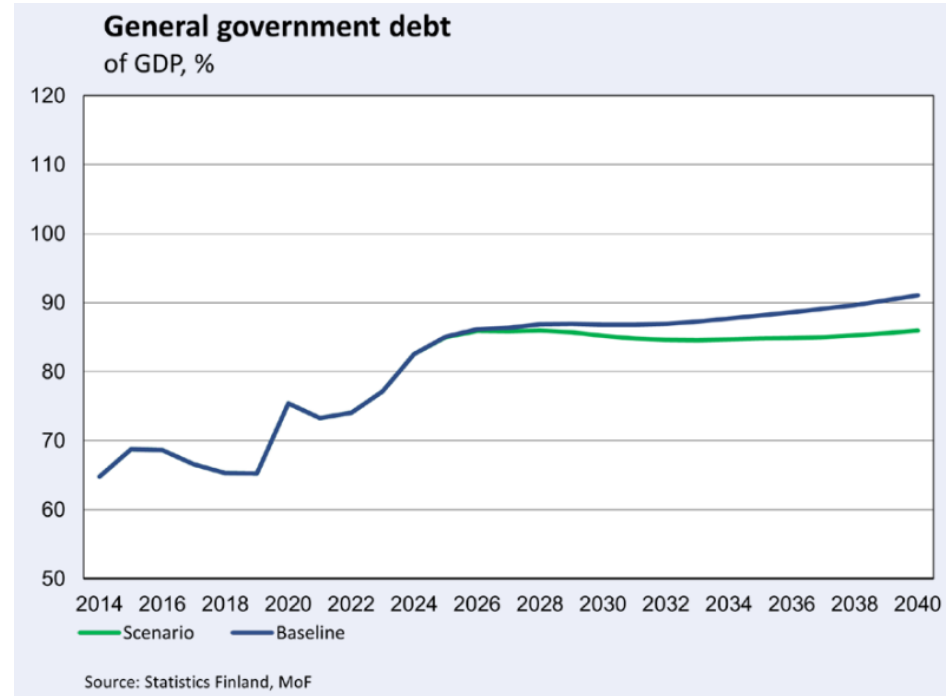


- Following a slowdown in 2023–H1 2024, GDP growth is expected to recover.
  - Q/Q GDP is already growing, and the worst is behind us?
- Transmission of monetary policy is faster in Finland due to widely used variable interest rates (usually Euribor rates).
- Labor market is still ok, although unemployment has increased a bit
- Public debt is higher than in other Nordics, but lower than Euro area average.
- The direct negative effect on Russian exports/imports has been mitigated.



# More on Public Finances

- Government goal is to stabilize the general government debt by 2027.
- The government program outlined €4 billion in spending cuts and €2 billion in structural measures to strengthen public finances, particularly by increasing employment.
- Additionally, in the spring of 2024, a set of measures was decided that will strengthen public finances by approximately €3 billion.
- Thus, the government aims to strengthen public finances by a total of €9 billion.



Debt-to-gdp ratio in scenario where the Government Programme measures, that are missing from the baseline, are implemented.

# Finnish Exports and Economy

- Total exports amount to roughly 40 % of GDP.
- Main export partners are Germany, Sweden and the US.
- Trade with Russia has declined for a long time and is currently negligible.

## Biggest import and export countries, 2023\*

Imports by country of origin, exports by country of destination

| Import country  | € million     | %          | Export country  | € million     | %          |
|-----------------|---------------|------------|-----------------|---------------|------------|
| Germany         | 10 874        | 14.2       | United States   | 8 469         | 11.1       |
| Sweden          | 8 702         | 11.4       | Sweden          | 8 132         | 10.7       |
| China           | 6 917         | 9.0        | Germany         | 8 010         | 10.5       |
| Norway          | 5 934         | 7.8        | Netherlands     | 6 263         | 8.2        |
| United States   | 4 154         | 5.4        | China           | 3 557         | 4.7        |
| Netherlands     | 4 027         | 5.3        | Estonia         | 2 801         | 3.7        |
| Poland          | 2 819         | 3.7        | Poland          | 2 622         | 3.4        |
| Estonia         | 2 721         | 3.6        | Great Britain   | 2 560         | 3.4        |
| Italy           | 2 290         | 3.0        | France          | 2 523         | 3.3        |
| France          | 2 010         | 2.6        | Belgium         | 2 497         | 3.3        |
| Other countries | 26 062        | 34.0       | Other countries | 28 811        | 37.7       |
| <b>Total</b>    | <b>76 508</b> | <b>100</b> | <b>Total</b>    | <b>76 245</b> | <b>100</b> |

## Imports and exports by product category

|                                              | 2022<br>€ million | 2023*<br>€ million | 2023*<br>% |
|----------------------------------------------|-------------------|--------------------|------------|
| <b>Total imports</b>                         | <b>92 469</b>     | <b>76 508</b>      | <b>100</b> |
| Chemical industry products                   | 18 236            | 14 075             | 18.4       |
| Electrical and electronics industry products | 12 658            | 12 043             | 15.7       |
| Products from mining and quarrying           | 13 130            | 9 961              | 13.0       |
| Transport equipment                          | 8 562             | 8 696              | 11.4       |
| Metal and metal products                     | 10 378            | 7 497              | 9.8        |
| Other                                        | 29 506            | 24 235             | 31.7       |
| <b>Total exports</b>                         | <b>81 885</b>     | <b>76 245</b>      | <b>100</b> |
| Chemical industry products                   | 17 718            | 15 272             | 20.0       |
| Metal and metal products                     | 14 495            | 12 974             | 17.0       |
| Forest industry products                     | 14 546            | 11 913             | 15.6       |
| Machinery and equipment                      | 10 158            | 11 246             | 14.8       |
| Electrical and electronics industry products | 9 583             | 9 835              | 12.9       |
| Other                                        | 15 384            | 15 006             | 19.7       |
| <b>Trade balance</b>                         | <b>-10 585</b>    | <b>-263</b>        |            |

Source: [Finnish Customs](#)

## International comparison data

| Country        | Population<br>Million | GNI per capita<br>USD, purchasing<br>power adjusted<br>2022 | Inflation<br>%<br>2023 | Unemployment<br>%<br>2023 |
|----------------|-----------------------|-------------------------------------------------------------|------------------------|---------------------------|
| Finland        | 5.6                   | 63 360                                                      | 6.2                    | 7.2                       |
| Sweden         | 10.5                  | 70 770                                                      | 8.5                    | 7.7                       |
| Norway         | 5.4                   | 125 000                                                     | 5.5                    | 3.6                       |
| Denmark        | 5.9                   | 80 530                                                      | 7.7                    | 5.1                       |
| Iceland        | 0.4                   | 68 020                                                      | 8.7                    | 3.5                       |
| Austria        | 9.0                   | 70 930                                                      | 7.8                    | 5.3                       |
| Belgium        | 11.6                  | 69 310                                                      | 4.0                    | 5.5                       |
| China          | 1411.8                | 21 250                                                      | 0.2                    | 5.0                       |
| Czech Republic | 10.5                  | 49 270                                                      | 10.7                   | 2.6                       |
| Estonia        | 1.3                   | 46 760                                                      | 9.2                    | 6.4                       |
| France         | 65.6                  | 58 610                                                      | 4.9                    | 7.3                       |
| Germany        | 83.2                  | 69 210                                                      | 5.9                    | 3.1                       |
| Greece         | 10.5                  | 38 520                                                      | 3.5                    | 11.1                      |
| Hungary        | 9.7                   | 42 310                                                      | 17.1                   | 4.1                       |
| Ireland        | 5.1                   | 96 100                                                      | 7.8                    | 4.3                       |
| Israel         | 9.6                   | 51 690                                                      | 4.2                    | 3.4                       |
| Italy          | 59.0                  | 55 940                                                      | 5.6                    | 7.7                       |
| Latvia         | 1.9                   | 41 010                                                      | 8.9                    | 6.5                       |
| Lithuania      | 2.8                   | 49 160                                                      | 9.1                    | 6.9                       |
| Luxembourg     | 0.7                   | 98 650                                                      | 3.7                    | 5.2                       |
| Netherlands    | 17.6                  | 73 850                                                      | 3.8                    | 3.6                       |
| Poland         | 37.7                  | 44 770                                                      | 11.6                   | 2.8                       |
| Portugal       | 10.4                  | 43 870                                                      | 4.3                    | 6.5                       |
| Spain          | 47.4                  | 48 920                                                      | 3.5                    | 12.2                      |
| Switzerland    | 8.8                   | 88 910                                                      | 2.1                    | 4.1                       |
| Türkiye        | 85.0                  | 37 990                                                      | 53.9                   | 9.4                       |
| Ukraine        | 41.0                  | 13 350                                                      | 20.1                   | <sup>1)</sup> 9.8         |
| United Kingdom | 67.6                  | 57 750                                                      | 6.8                    | 4.4                       |
| United States  | 333.3                 | 77 950                                                      | 4.1                    | 3.6                       |

<sup>1)</sup> 2021

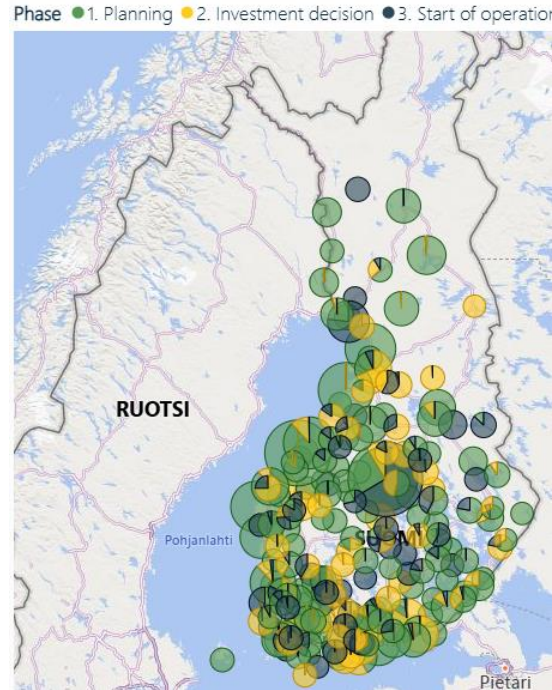
Sources: [UN, Demographic Yearbook; ILO, ILOSTAT Database; IMF, World Economic Outlook; OECD Database; World Bank Open Data](#)



# Energy Mix in Finland



- There is considerable amount of green energy, which is a competitive advantage.
- There is significant number of green investments in the pipeline, although current financial environment may postpone some projects.

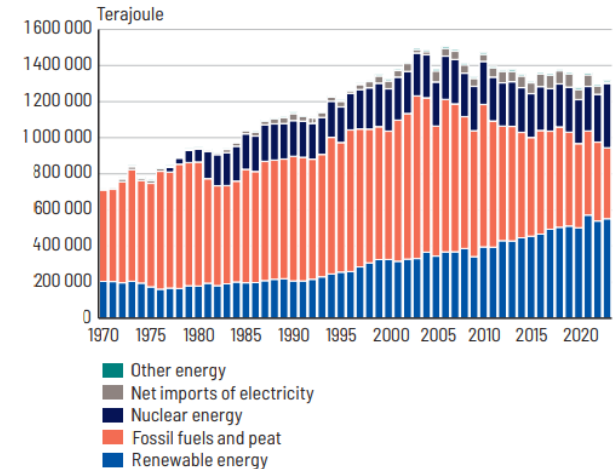


Source: [EK](#)

Supply and total consumption of electricity, 2023\*

| Supply              | GWh           | %          | Total consumption                    | GWh           | %          |
|---------------------|---------------|------------|--------------------------------------|---------------|------------|
| Nuclear power       | 32 737        | 41.0       | Industry and construction            | 33 499        | 42.0       |
| Hydro power         | 15 021        | 18.8       | Households and agriculture           | 24 141        | 30.3       |
| Wind power          | 14 470        | 18.1       | Services and public consumption      | 19 313        | 24.2       |
| Solar power         | 647           | 0.8        | Transmission and distribution losses | 2 817         | 3.5        |
| Net imports         | 1 724         | 2.2        |                                      |               |            |
| Other heating power | 15 171        | 19.0       |                                      |               |            |
| <b>Total</b>        | <b>79 770</b> | <b>100</b> | <b>Total</b>                         | <b>79 770</b> | <b>100</b> |

Total energy consumption, 1970–2023\*



Source: [Statistics Finland, energy supply and consumption](#)



# Thank You!

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