

Presentation 8y green SNP

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Münchener Hypothekenbank eG | muenchenerhyp.de



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systemic important bank under direct ECB supervision

- independent from any corporate group and member of the cooperative FinanzGruppe
- 48.8 bn Euro total assets
- broad based ownership; no predominant owner
- Moody's issuer rating: Aa3 senior unsecured (negative outlook), A2 junior senior unsecured

favourable funding by Pfandbrief privilege

- Pfandbrief licence: continuous issuing of benchmark bonds and private placements (as per 08.09.2020)
- Moody's Pfandbrief rating: Aaa for Mortgage Pfandbriefe
 - Public Sector Pfandbriefe rating withdrawn, no longer within Bank's business strategy

deep roots within the Cooperative Financial Network ("FinanzGruppe")

- partner of Volksbanken and Raiffeisenbanken in the mortgage lending business
- Volksbanken and Raiffeisenbanken as most important business partners and biggest owner group
- excellent access to liquidity via the cooperative institutions
- strong protection scheme with guarantee fund and guarantee network

sustainable business model

- sustainability as integral part of the long-term and risk conservative business model
- focus on co-operative mission, no profit maximisation

Ownership and Equity

The members as largest capital investor

membership

- approx. 64,100 members
- 15.43 million non-terminated co-operative shares
- 70 Euro nominal value, no trading
- 1,080.2 million Euro total amount of non-terminated co-operative shares

impact on strategy and business

- Iong-term profitability and business sustainability
- conservative risk policy
- no major shareholder
- continuous dividend capability

as per 30/06/2020

equity components

ownership structure

in EUR million

| Common Equity Tier 1 | | 1,421.2 |
|--|---------|---------|
| Paid-up capital | 1,080.2 | |
| Reserves | 332.0 | |
| Special items for general banking risk | 35.0 | |
| Deductible items | - 26.0 | |
| Additional Equity Tier 1 | | 117.4 |
| Tier 2 Capital | | 36.8 |
| Total Equity | | 1,575.4 |



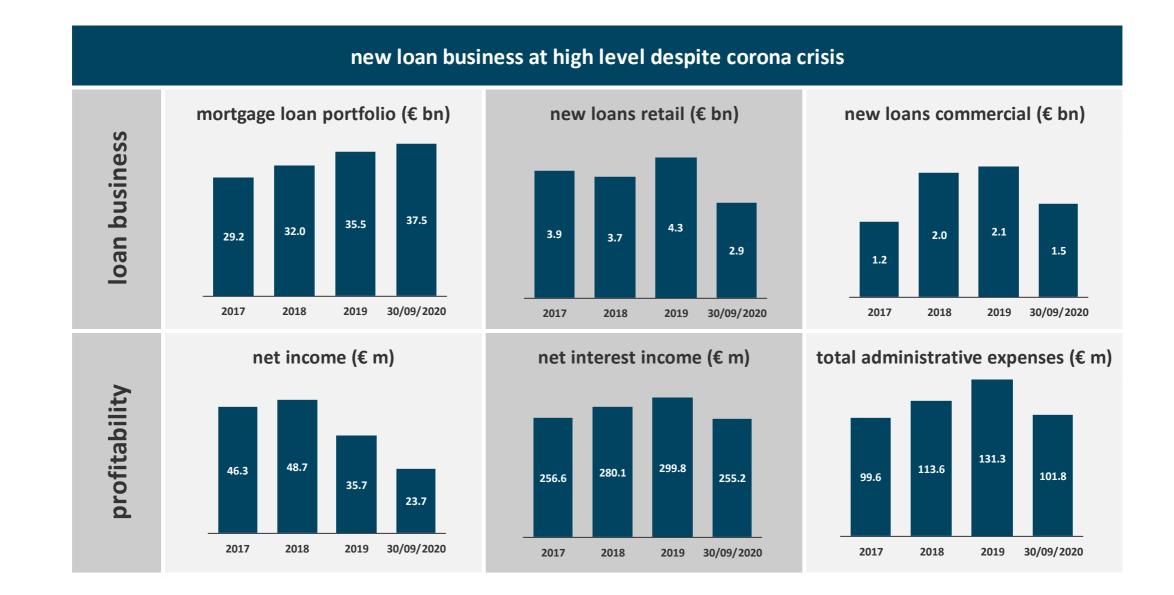
Date of information: 30/06/2020



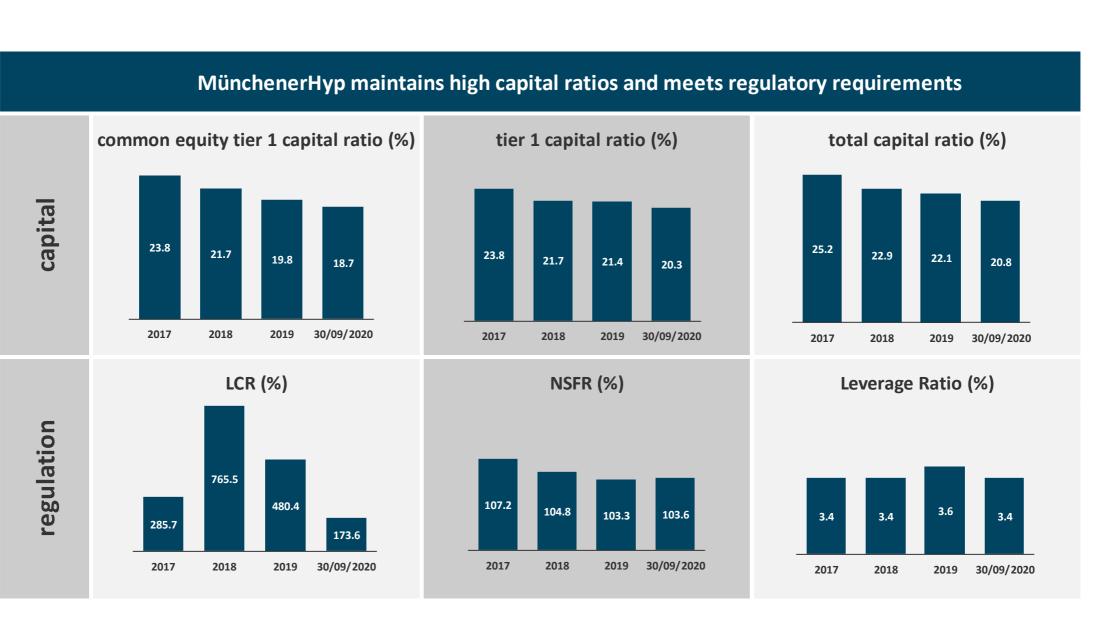
| | Münchener Hypothekenbank eG | | | |
|----------------------|--|----------------|----------|--|
| | | Moody's Rating | Outlook | |
| 3.6 3 | public-sector Pfandbriefe | withdrawn* | | |
| Moody's | mortgage Pfandbriefe | Ааа | | |
| | senior unsecured (preferred senior notes) | Aa3 | negative | |
| INVESTORS SERVICE | junior senior unsecured (non-preferred senior notes) | A2 | | |
| | short-term liabilities | Prime-1 | | |
| | long-term deposits | Aa3 | negative | |
| | AT1 rating | Ba1 (hyb) | | |
| | | | | |
| | Münchener Hypothekenbank eG within the Cooperative Financial Network | | | |
| | | Fitch Rating | Outlook | |
| Fitch Ratings | long-term | AA- | negative | |
| 8 | short-term | F1+ | | |
| | | | | |
| | Cooperative Financial Network | | | |
| S&P Global | | S&P Rating | Outlook | |
| | long-term | AA- | negative | |
| Ratings | short-term | A-1+ | | |
| C | | | | |

* issuance of Public Sector Pfandbriefe is no longer within Bank's business strategy





Date of information: 30/09/2020



Mortgage loan portfolio

The portfolio impresses with its high granularity

loan portfolio

- 37.1 bn Euro
- 210,769 individual loans
- volume by type of underlying property:
 - 80.8% residential
 - 19.2% commercial
- average loan size:
 - about 143,000 Euro residential properties
 - about 6,000,000 Euro commercial properties
- average loan-to-value ratio:
 - 63.2% residential buildings
 - 84.2% commercial buildings

geographic split:

- 46.2% Bavaria, Baden-Württemberg, Hesse and North Rhine-Westphalia
- 27.3% other German States
- 5.4% Berlin
- 12.9% Switzerland
- 8.2% other non-domestic

mortgage loan portfolio as per 30/06/2020

| Ltsustvalue ratio *) | EUR millions | % | % cumulative |
|----------------------|--------------|---------|--------------|
| Up to 60% | 14,750 | 39.74% | 39.74% |
| Over 60 to 70% | 6,468 | 17.42% | 57.16% |
| Over 70 to 80% | 7,028 | 18.93% | 76.10% |
| Over 80 to 90% | 2,887 | 7.78% | 83.87% |
| Over 90 to 100% | 2,598 | 7.00% | 90.87% |
| Over 100% | 3,386 | 9.12% | 99.99% |
| Without | 2 | 0.01% | 100.00% |
| Total | 37,119 | 100.00% | |

^{*)}The terms of the German Pfandbrief Act (PfandBG) define the sustainable value of property as, being generally 10-15% below the open market value of the property.

Links:

5

useful links

§28 Pfandbrief Act - further cover pool information https://www.muenchenerhyp.de/en/investors/cover-pool/ss-28-pfandbrief-act ECBC Label https://www.muenchenerhyp.de/en/investors/coverpool/ecbc-covered-bond-label

Diversified growth in the mortgage portfolio across sectors and regions

| Business Areas | Residential Mortgages | | Commercial Mortgages | | ages | |
|--|---|--|---|----------------------------------|--------------------------|--------------------------------|
| Approach | Owner-occupied residential mortgage lending | | Financing of predominantly offices and retail proper | | and retail properties | |
| Competitive Strength | | | Attractive funding basis, expertise and a quick decision making process | | | |
| Products | Fixed rate loans with amortisation up to 40 years | | Broad product range | | | |
| Geographical Focus | Germany Switzerland Others 1.39 | 17.0% | .7% | Germany Western Europe USA | 23.2% | 70.1% |
| Share of business by type & development of portfolio | 80.8% | Volume in bn E 24.9 26.5 28.8 2017 2018 2019 | UR 30.0 30/06/2020 | 19.2% | 4.3 5.5 2017 2018 | 6.7 7.1 2019 30/06/2020 |

Date of information: 30/06/2020

Sustainability Cycle of MünchenerHyp



Sustainability is represented in all business areas

sustainable property financing

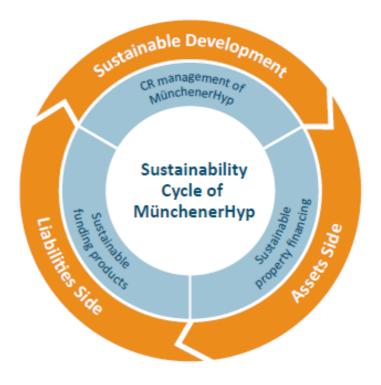
- green mortgage loan for retail customers
 - focus on energy efficiency; improved interest rate
- certified commercial mortgage lending
 - top criteria of the important certification systems
- family loan with social aspect with reduced interest rate
 - support for families with medium available income
- mortgage loans to housing cooperatives
 - high social standards of their statutes

sustainable funding products

- ESG Pfandbrief
- green senior bonds
- green Commercial Paper

standards for sustainable funding

- Green Bond Framework
- Second Party Opinion from ISS-ESG



| Links: |
|--|
| Green Bond Framework |
| https://www.muenchenerhyp.de/sites/default/files/downloads/2020-12/Green_Bond_Framework_en_final.pdf |
| SPO |
| https://www.muenchenerhyp.de/sites/default/files/2020-11/30102020_MHB_SPO.pdf |
| Impact Reporting |
| https://www.muenchenerhyp.de/sites/default/files/downloads/2020-02/Impact_Reporting_en_04.pdf |
| Green reporting |
| https://www.muenchenerhyp.de/sites/default/files/downloads/2021-02/green_reporting_31_12_2020.pdf |
| |

Sustainability Ratings



Good ratings confirm the sustainability of MünchenerHyp

| Corporate ESG Performance RATED BY ISS ESG D | Social Rating Environmental Rating Rating | B- C+ C+ | MünchenerHyp is rated 4 th out of 130 companies in the sector Financials/Mortgage & Public Sector Finance, status: 18/12/2020 |
|---|--|---|--|
| imug | Sustainability Rating Public-sector Pfandbriefe Mortgage Pfandbriefe | positive (BB; 63%) very positive (A; 85%) positive (BBB; 73%) | status: 29/01/20 |
| SUSTAINALYTICS | | 17.4% | The lower the risk score, the more robust the company's sustainability management. status: 21/01/21 |
| | | | |



| Use of Proceeds | Alignment with the UN Sustainable Development Goals (SDGs) | | | | |
|--|--|---|------------------------|--|--|
| | Goals | Targets | | | |
| | 7 AFFORDABLE AND CLEAN ENERGY | 7.3: Double the global rate of improvement in energy efficiency | Primary alignment | | |
| Green Loans / Certified Environmental Loans | 11 SUSTAINABLE CITIES ADD COMMUNITIES 13 CLIMATE | 11.6: Reduce the adverse per capita environmental impact of cities13.2: Integrate climate change measure into national policies, corporate strategies and planning | Secondary contribution | | |
| | | | Seco | | |

green loan for retail customers:

- strict energy standards for sustainable financing
- MünchenerHyp is granting the full loan on a discounted interest rate to incentivise customers
- available for new construction, purchase, modernisation or restructuring
- Ioans are certified by ISS-oekom

loans represent the top 10% in energy efficiency performance in the German housing market:

- annual primary energy consumption not more than 70 kWh/sqm
- in May 2020 improvement to 55 kWh/sqm energy demand per year

positive climate impact:

CO2 savings are shown in the impact reporting

sustainable strategy:

- currently every 5th new loan granted is already green
- permanently growing green portfolio



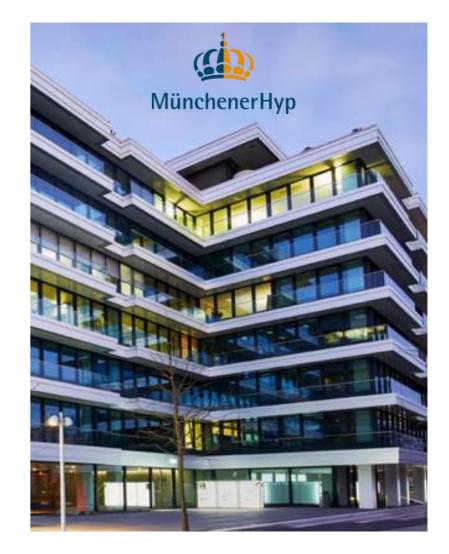


financing commercial assets with sustainability certificates

evaluation on the basis of the four below mentioned, important certification systems

minimum criteria subject to eligibility of the sustainability rating agency ISS-oekom:

- DGNB (min. Gold or Platinum)
- BREEAM (min. Very good, Excellent or Outstanding)
- LEED (min. Gold or Platinum)
- HQE (min. Excellent or Exceptional)

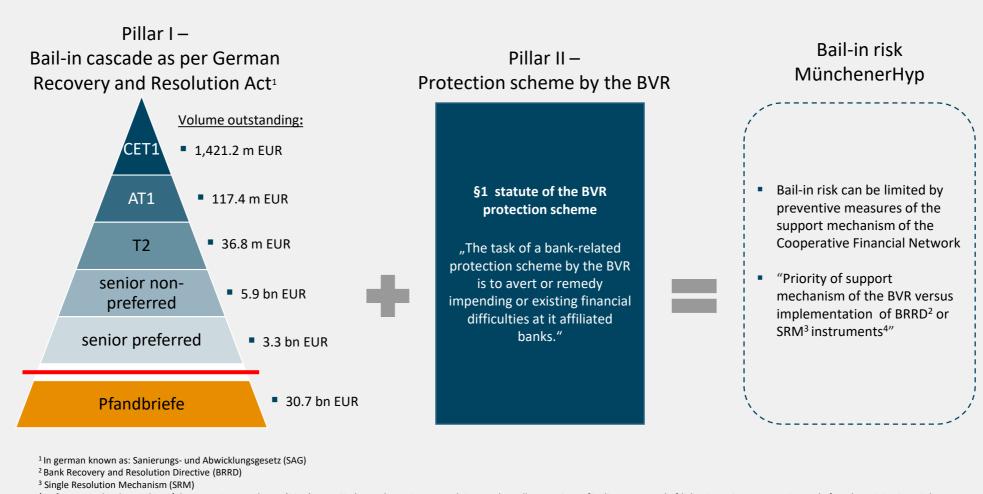




| assets | notional value in EUR m 31/12/2020 | | liabilities | | |
|---|---------------------------------------|-------|---------------------------|--|--|
| cover pool retail | 942.4 500.0 | | ecological ESG Pfandbrief | | |
| cover pool commercial | 721.8 | | | | |
| over-collateralisation | 1,10 | | | | |
| number of green loans: total 6,476; retail 6,438; commercial 38 | | | | | |
| retail not in cover pool | 452.4 | 500.4 | green senior bonds | | |
| commercial not in cover pool | 346.4 | 0 | green CP | | |
| balance not in cover pool | 298.4 | | | | |
| available green portfolio | 1,46 | 52.6 | | | |



Limitation of the bail-in risk of MünchenerHyp as a result of the two pillar approachs



⁴ Hofmann, Gerhard. Member of the Executive Board BVR. (2014):Europäische Bankenunion: Perspektiven und Handlungsoptionen für die genossenschaftliche FinanzGruppe, In: Wissenschaft und Praxis im Gespräch Universität Münster, Münster den 26. Mai.2014.

Creditor Protection

support mechanism

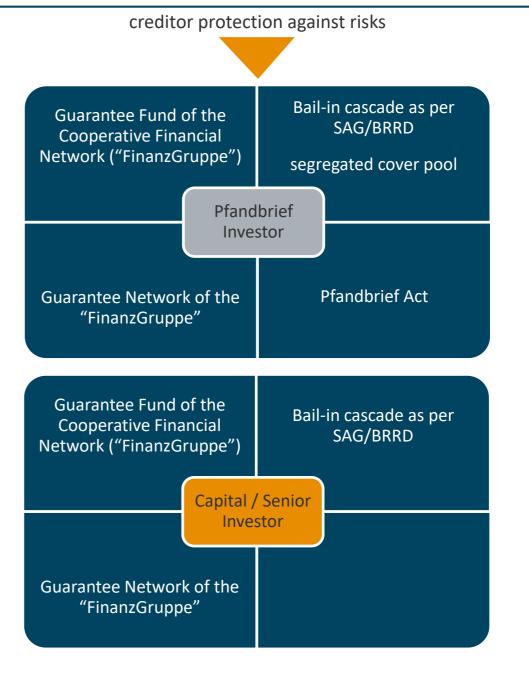
- Guarantee Fund and Guarantee Network
- managed by the Cooperative Financial Network (BVR)
- oldest support mechanism in Germany

tasks

- preventive actions
- reorganisation measures

history

- no bankruptcy
- no loss of the notional amount of the co-operative shares
- no loss of deposits



MünchenerHyp comfortably exceeds the regulatory minimum CET1 requirements

- Münchener Hyp's midyear 2020 CET1 ratio of 18.57% is comfortably above the minimum SREP requirement of 8.52%
- MünchenerHyp has not been identified as an Other Systemically Important Institution (O-SII) and hence is not required to meet an O-SII charge currently
- actually Germany has not activated the countercyclical capital buffer (CcyB)
- ADI amount to EUR 356 m (as per 31/12/2019)
- RWA add up to EUR 7,652.9 m



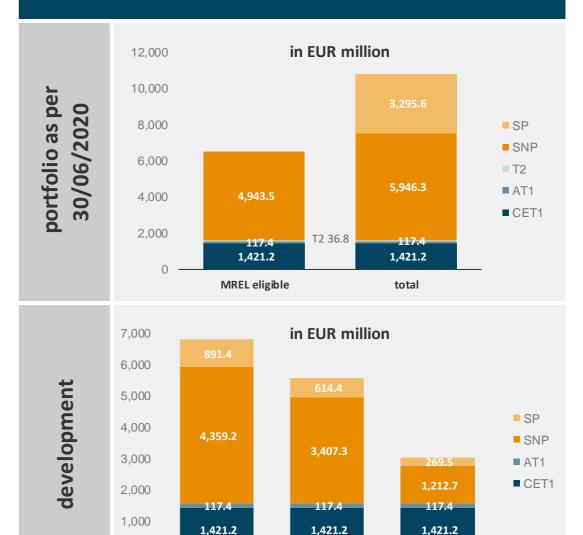
CET1 100% P2R; Date of information: 30/06/2020

MREL and liability structure

MREL requirements are fulfilled in the long term

- large outstanding volume of MREL-eligible Senior Non-Preferred Bonds (SNP) due to many years of issuing activity
 - approx. EUR 6 bn SNP bonds issued since 2016
- bonds with medium and long-term maturities
- MREL requirements are conveniently fulfilled both now and in the future
- high buffer for Senior Preferred (SP) investors available

structure of liabilities



in 5 years

the maturities are based on the contractual final maturity

in 3 years

0

Date of information: 30/06/2020

in 10 years

| mentsmoney marketuctured• overnight deposits• term deposits• term deposits• CPd senior• Repos, securities lending |
|---|
| |
| ammes |
| nentation e bonds ctor bonds nds• 5 bn Euro CP Programme • bilateral businesss |
| |

Funding and maturity profile

MünchenerHyp has a comfortable funding and maturity profile across senior and covered debt

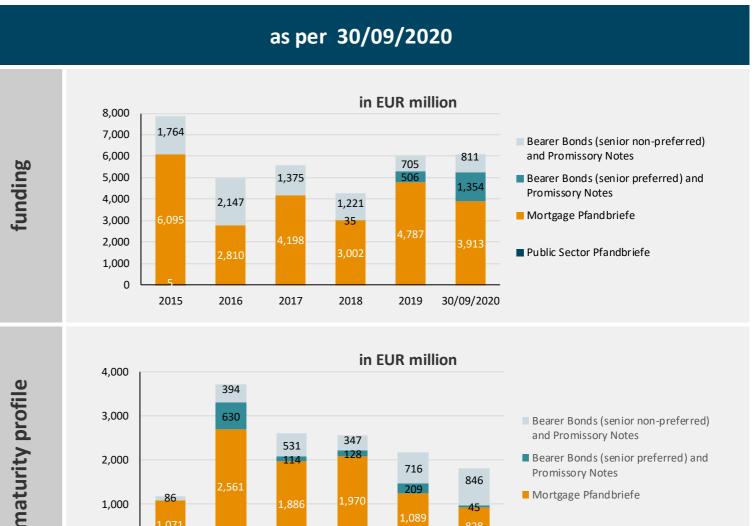
2,000

1,000

2020

2021

- Most of the upcoming maturities of MREL eligible senior non-preferred has already been replaced within the ongoing funding activities
- the funding plan provides for a balanced distribution across all refinancing products
- Cost efficient access to senior funding via the **Cooperative Financial Network**
- MünchenerHyp regularly issues benchmark Pfandbriefe in various currencies and also in sustainable format
- permanent offer of private placements with tailor-made terms and structures



716

209

160

2024

1,970

2023

846

2025

114

1.886

2022

Public Sector Pfandbriefe

Bearer Bonds (senior preferred) and

the maturities are based on the contractual final maturity

Promissory Notes

Mortgage Pfandbriefe



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