

## Bank Pulse: ECB sounds the alarm on climate risk for banks

Climate change will be a major source of systemic risk to banks if no action is taken, according to the ECB, threatening those highly exposed to economic sectors or geographical areas most in peril. Supporting the 'greening' of these risk sectors gives banks opportunities to increase the taxonomy compliance of their lending books



ECB headquarters in Frankfurt

### Climate change: a source of systemic risk to banks if not mitigated

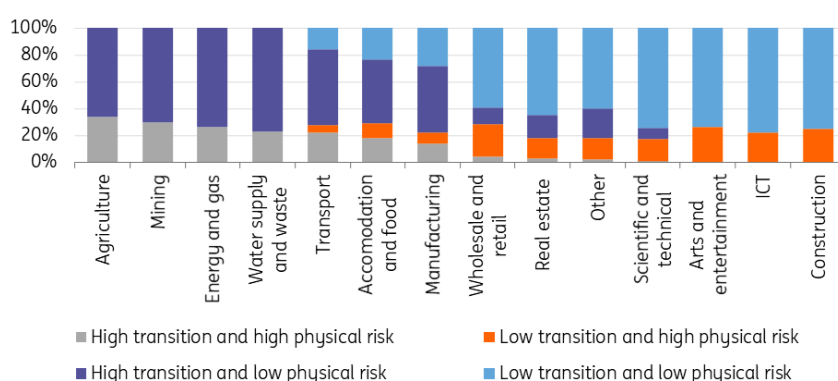
This week, the European Central Bank published the results of its economy-wide climate stress test, giving insight into the vulnerabilities of banks to climate risks via their exposure to non-financial companies. The central bank concludes that it is important to act early as, by far, the short-term costs of transition are not as significant as the medium to longer-term costs of not combatting climate change. If little is done, the effects of climate change will mostly be concentrated in certain geographical areas (primarily physical risk related) and sectors (mainly transition risk related).

## Sectors such as mining and agriculture are exposed to transition risks

Where it comes to transition risks, sectors such as mining, electricity & gas, agriculture, manufacturing, and water supply & waste are the most emission intense, according to the ECB. Manufacturing, electricity & gas, transport, and wholesale & retail activities are the biggest contributors to overall absolute emissions. The latter sectors represent 40% of bank loan exposure. On a country-by-country basis, ECB statistics show that bank loans in France and Italy are particularly exposed to very high emitters or high emitters; the figures comes to around 50%.

## The share of firms subject to climate risk by sector

ECB estimates



Source: ECB Occasional Paper on the economy wide climate stress test, September 2021

## Southern European countries are most exposed to physical risks

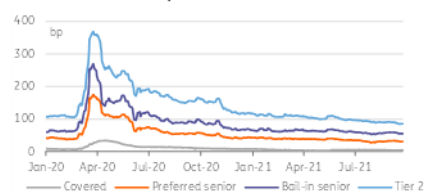
However, the ECB actually sees physical risks as the most important for banks if no action is taken. If climate risks are not addressed, bank losses could continue to increase non-linearly over time due to the permanent nature of climate change. The ECB identifies 22% of the euro area bank exposures as being affected by high physical risk, of which wildfire is the most important source of high physical risk (~70%). Southern European countries appear most exposed to this risk if climate change is not mitigated.

## Helping companies transition offers banks green lending opportunities

So how will banks respond to these risks? It's not just a case of simply moving away from sectors most impacted by transition and/or physical threats. They make take the opportunity to support the transition efforts of those companies running high climate risks, knowing that such a transition will be costly and will require funding. Where banks do finance these transitional expenditures, it may also contribute positively to the size of their lending books and that's deemed environmentally sustainable under taxonomy regulation. This, in turn, would be supportive of the issuance of green bonds by banks, including bonds meeting the requirements of the future European green bond standard.

## Bank bond performance

Bank bond index performance



Source: Markit, ~~Bloomberg~~ ING

Relative performance of the indices



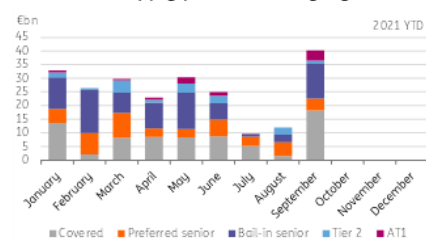
# €8bn

## Bank bonds issued this week

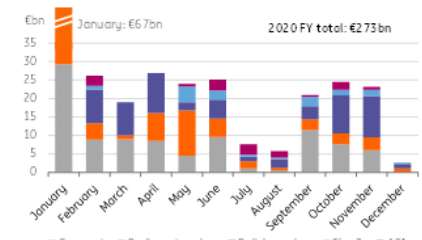
Covered bonds take the lead

## Bank bond supply

Bank bond supply per debt category, 2021 YTD versus 2020 (€bn)\*



\*only includes public deals  
Source: IGM, ING



\*only includes public deals  
Source: IGM, ING

## Authors

**Maureen Schuller**

Head of Financials Sector Strategy

[Maureen.Schuller@ing.com](mailto:Maureen.Schuller@ing.com)

**Suvi Platerink Kosonen**

Senior Sector Strategist, Financials

[suvi.platerink-kosonen@ing.com](mailto:suvi.platerink-kosonen@ing.com)

## Disclaimer

This publication has been prepared by the Economic and Financial Analysis Division of ING Bank N.V. (“ING”) solely for information purposes without regard to any particular user’s investment objectives, financial situation, or means. *ING forms part of ING Group (being for this purpose ING Group N.V. and its subsidiary and affiliated companies).* The information in the publication is not an investment recommendation and it is not investment, legal or tax advice or an offer or solicitation to purchase or sell any financial instrument. Reasonable care has been taken to ensure that this publication is not untrue or misleading when published, but ING does not represent that it is accurate or complete. ING does not accept any liability for any direct, indirect or consequential loss arising from any use of this publication. Unless otherwise stated, any views, forecasts, or estimates are solely those of the author(s), as of the date of the publication and are subject to change without notice.

The distribution of this publication may be restricted by law or regulation in different jurisdictions and persons into whose possession this publication comes should inform themselves about, and observe, such restrictions.

Copyright and database rights protection exists in this report and it may not be reproduced, distributed or published by any person for any purpose without the prior express consent of ING. All rights are reserved. ING Bank N.V. is authorised by the Dutch Central Bank and supervised by the European Central Bank (ECB), the Dutch Central Bank (DNB) and the Dutch Authority for the Financial Markets (AFM). ING Bank N.V. is incorporated in the Netherlands (Trade Register no. 33031431 Amsterdam). In the United Kingdom this information is approved and/or communicated by ING Bank N.V., London Branch. ING Bank N.V., London Branch is authorised by the Prudential Regulation Authority and is subject to regulation by the Financial Conduct Authority and limited regulation by the Prudential Regulation Authority. ING Bank N.V., London branch is registered in England (Registration number BR000341) at 8-10 Moorgate, London EC2 6DA. For US Investors: Any person wishing to discuss this report or effect transactions in any security discussed herein should contact ING Financial Markets LLC, which is a member of the NYSE, FINRA and SIPC and part of ING, and which has accepted responsibility for the distribution of this report in the United States under applicable requirements.

Additional information is available on request. For more information about ING Group, please visit <http://www.ing.com>.