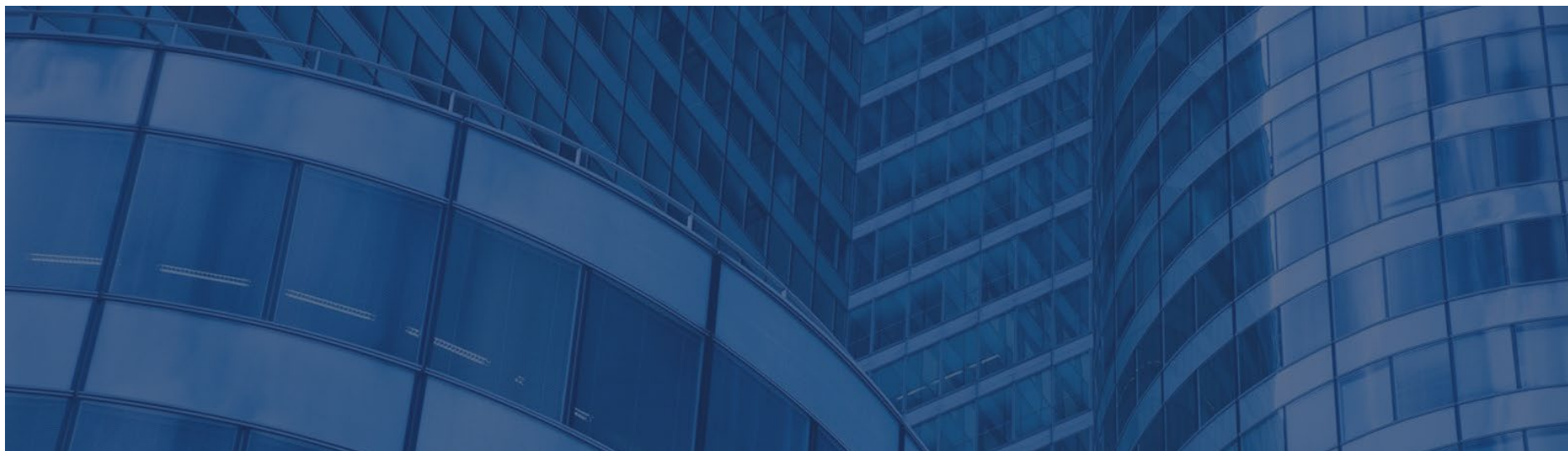


SPRING WORKSHOP – SPAIN

29 APRIL 2021



ON TODAY'S CALL

EUROPEAN DATAWAREHOUSE

MARCO ANGHEBEN

EUROPEAN DATAWAREHOUSE

✉ marco.angheben@eurodw.eu

ADELINA ASANI

EUROPEAN DATAWAREHOUSE

✉ adelina.asani@eurodw.eu

SERGIO RODAS SANCHEZ

EUROPEAN DATAWAREHOUSE

✉ sergio.rodassanchez@eurodw.eu



IAN BELL

PRIME COLLATERAISED SECURITIES (PCS)

✉ ian.bell@pcsmarket.org



ALFONSO CANDELAS

DBRS MORNINGSTAR

✉ alfonso.candelas@dbbrsmorningstar.com

AGENDA

- **WELCOME & INTRODUCTION**
- **REGULATORY AND FIRM UPDATES**
- **EDW TECHNICAL OFFERINGS AND ROADMAP**
- **THE IMPORTANCE OF DATA QUALITY IN DBRS MORNINGSTAR ANALYSIS: THE RMBS INSIGHT MODEL**
 - **ALFONSO CANDELAS, DBRS MORNINGSTAR**
- **EDW EXTENDED TEMPLATES**
- **LATEST DEVELOPMENTS ON STS VERIFICATIONS**
 - **IAN BELL, PCS**
- **PRIVATE DEAL REPORTING IN EDITOR**
- **Q&A**

REGULATORY UPDATE

MARCO ANGHEBEN, EUROPEAN DATAWAREHOUSE

BREAKING NEWS: EUROPEAN DATAWAREHOUSE ENTERS FINAL PHASE OF ESMA APPLICATION PROCESS

26 April 2021:

The obligation to report securitisation transactions to an SR under the SECR will apply as soon as one SR is formally registered. ESMA will inform market participants when the registration of the first SR(s) is completed. ESMA has 40 working days in which to finalise its assessment of the registration and, if favourable, the entity will be registered as a SR five working days after the registration decision is adopted.

ESMA encourages reporting entities to take all necessary preparatory measures to comply with their reporting obligations to a SR.

ESMA ENTERS FINAL STAGE IN THE REGISTRATION OF THE FIRST SECURITISATION REPOSITORIES

26 April 2021

SECURITISATION

The European Securities and Markets Authority (ESMA), the EU's securities markets regulator, announces that it has reached the last stage in the assessment process of applications received from Securitisation Repositories (SRs) under the Securitisation Regulation (SECR).

The obligation to report securitisation transactions to an SR under the SECR will apply as soon as one SR is formally registered. ESMA will inform market participants when the registration of the first SR(s) is completed. ESMA has 40 working days in which to finalise its assessment of the registration and, if favourable, the entity will be registered as a SR five working days after the registration decision is adopted.

ESMA encourages reporting entities to take all necessary preparatory measures to comply with their reporting obligations to a SR.

Further information:

Sarah Edwards

Communications Officer

📞 +33 (1)58 36 64 23

@ press@esma.europa.eu

<https://www.esma.europa.eu/press-news/esma-news/esma-enters-final-stage-in-registration-first-securitisation-repositories>

ESMA PUBLISHES NEW VERSION OF XML SCHEMA, VALIDATION RULES AND Q&A

- On 26 February 2021, ESMA published an updated version of the XML schema v.1.3.0 and validation rules as well as an updated version of the Q&A document (v.7)
- ESMA has also published the standardised XML templates for the “end-of-day report” and the “rejection report” that the Securitisation Repositories need to implement based on the RTS on operational standards.
- Please note that the Reporting Entities may continue using both versions until 1 September 2021. As of that date only version 1.3.0 will be acceptable.

REPORTING INSTRUCTIONS, XML SCHEMA AND VALIDATION

The XML schema for these templates and accompanying technical reporting instructions and validation rules are available below. Reporting entities may choose to use either version 1.2.0 or version 1.3.0 of the XML schema and validation rules until 1 September 2021. As of that date, only version 1.3.0 will be admissible.

Current Version: Version 1.3.0 published on 26 February 2021

- [Technical reporting instructions](#) ⓘ

- [XML schema and validation rules on disclosure templates](#) [ERRATUM: file updated 03/03/2021]

Version 1.3.0 includes also standardised XML templates for the “end-of-day report” and the “rejection report” which a securitisation repository is required to make available in accordance with the [RTS on operational standards](#) ⓘ:

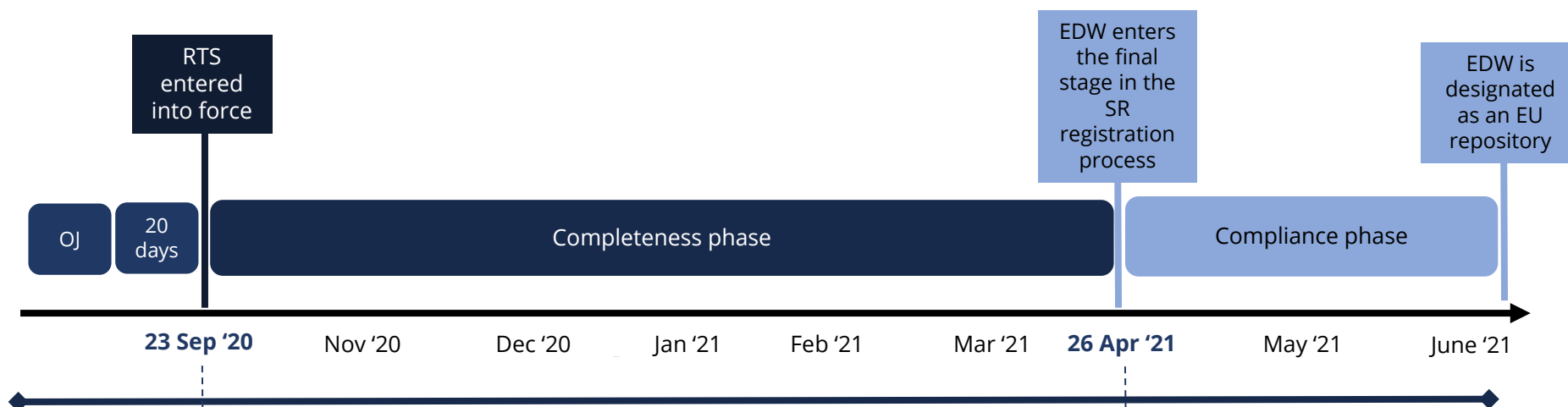
- [XML Schema and technical guidance on end of day report and rejection report](#)

Further guidance on how to understand and complete the disclosure templates is available in:

- [ESMA's Q&A document on Securitisation Topics](#)

<https://www.esma.europa.eu/policy-activities/securitisation>

ESTIMATED APPLICATION TIMELINE IN EU



EDW as a website pursuant to Art 7(2)

ESMA RECEIVES SECURITISATION REPOSITORY REGISTRATION APPLICATION

23 September 2020

SECURITISATION

The European Securities and Markets Authority (ESMA), the EU's securities markets regulator, has received its first application for registration as a securitisation repository (SR) under the Securitisation Regulation.

ESMA, under the Securitisation Regulation, has direct responsibilities regarding the registration and supervision of SRs, who centrally collect and maintain the records of securitisation transactions in the EU.

The reporting obligation for reporting entities will begin with the registration of the first SR. ESMA will announce publicly when the first SR(s) are registered.

If you are interested in applying for a registration, please refer to this guidance, and for further information on the registration process, please contact SR-registration@esma.europa.eu.

ESMA ENTERS FINAL STAGE IN THE REGISTRATION OF THE FIRST SECURITISATION REPOSITORIES

26 April 2021

SECURITISATION

The European Securities and Markets Authority (ESMA), the EU's securities markets regulator, announces that it has reached the last stage in the assessment process of applications received from Securitisation Repositories (SRs) under the Securitisation Regulation (SECR).

The obligation to report securitisation transactions to an SR under the SECR will apply as soon as one SR is formally registered. ESMA will inform market participants when the registration of the first SR(s) is completed. ESMA has 40 working days in which to finalise its assessment of the registration and, if favourable, the entity will be registered as a SR five working days after the registration decision is adopted.

ESMA encourages reporting entities to take all necessary preparatory measures to comply with their reporting obligations to a SR.

<https://www.esma.europa.eu/press-news/esma-news/esma-receives-securitisation-repository-registration-application>

<https://www.esma.europa.eu/press-news/esma-news/esma-enters-final-stage-in-registration-first-securitisation-repositories>

EDW TECHNICAL OFFERINGS, ENHANCEMENTS AND ROADMAP

ADELINA ASANI, EUROPEAN DATAWAREHOUSE

THE EDITOR ROADMAP



Reporting Entities	<ul style="list-style-type: none"> • Create your securitisation • Upload documentation, incl. all 12 item codes prescribed in the RTS • Structured ESMA XML template upload support for all asset classes, incl. ND and data quality checks, both in the Live and Sandbox Environments • Draft state to preview ND Scores and Data Quality • Separate CSV to ESMA XML Converter • All features as required in the RTS for Securitisation repositories (e.g., Written confirmation, EOD Reports, etc.) 	<ul style="list-style-type: none"> • Data Usability Enhancements, including benchmarking of transactions
Data Users	<ul style="list-style-type: none"> • Access to all uploaded documentation through the EDITOR website and SFTP • Access structured XMLs also in CSV format 	<ul style="list-style-type: none"> • “EDITOR Insights” add-on in EDITOR with Deal History, Benchmarks and Monitoring Report

ESMA PRODUCT COMPARISON: EDITOR VS EDW BASIC (LOW-COST)

	EDITOR	EDW BASIC
ESMA-compliant features	✓	✓
Detailed data quality checks	✓	✓
Unlimited support from customer service and account management team	✓	✓
Seamless deal access via EDITOR for investors	✓	✓
Integrated csv-to-xml converter	✓	Optional
Exclusive resource-saving extended rating agency templates	✓	Optional
Private area / restricted access	✓	—
Reporting for ECB possible	✓	—
Draft stage during file upload	✓	—
Sandbox testing environment	✓	—

ESMA VALIDATION CHECKS

ESMA defined more than 1000 validation checks across all templates and asset classes.

The checks can be grouped in the following categories:

- Identifier checks
- ISO / NACE / NUTS / LEI code checks
- Date inconsistencies
- Value checks: Negative, unusually high, unusually low values

FINDINGS FROM TESTING REAL CUSTOMER DATA

- Identifier checks

Template	Description
IR	Original Cashflow Item Identifier (IVSF2) duplicated with another Original Cashflow Item Identifier (IVSF2) in the current submission.
IR	Original Test/Event/Trigger Identifier (IVSR2) duplicated with another Original Test/Event/Trigger Identifier (IVSR2) in the current submission.
SE	Original Tranche Identifier (SEST2) duplicated with another Original Tranche Identifier (SEST2) in the current submission.

- Date inconsistencies

Template	Description
UE	Current Valuation Date later than the Data Cut-Off Date.
UE	Date Of Restructuring later than Data Cut-Off Date.
UE	Default Date later than Data Cut-Off Date.
UE	Interest Revision Date 1 earlier than or equal to the Data Cut-Off Date.
UE	Original Valuation Date later than Data Cut-Off Date.
UE	Prepayment Date later than Data Cut-Off Date.
UE	Prepayment Fee End Date earlier than the Data Cut-Off Date.

FINDINGS FROM TESTING REAL CUSTOMER DATA

- ISO / NACE / NUTS / LEI code checks**

Template	Description
UE	Originator Name does not match the name corresponding to the Originator Legal Entity Identifier (RREL83) provided in the GLEIF Database..
UE	Geographic Region - Collateral reports an invalid NUTS Code or has a two-digit country code that does not exist in the NUTS classification
UE (SME)	NACE Industry Code (CRPL14) reports an invalid NACE code.
SE	Counterparty Name (SESP3) does not match the name corresponding to the Counterparty Legal Entity Identifier (SESP2) provided in the GLEIF Database.

- In clarification with ESMA**

Template	Description
UE	Allocated Losses lower than zero.
UE	Maturity Date earlier than the Data Cut-Off Date.
SE	Current Coupon (SEST13) greater than 100.
SE	Current Interest Rate Margin/Spread (SEST14) greater than 100.

THE ROLE OF DATA IN DBRS MORNINGSTAR ANALYSIS: THE RMBS INSIGHT MODEL

ALFONSO CANDELAS, DBRS MORNINGSTAR

The Role of Data in DBRS Morningstar Analysis: the RMBS Insight Model



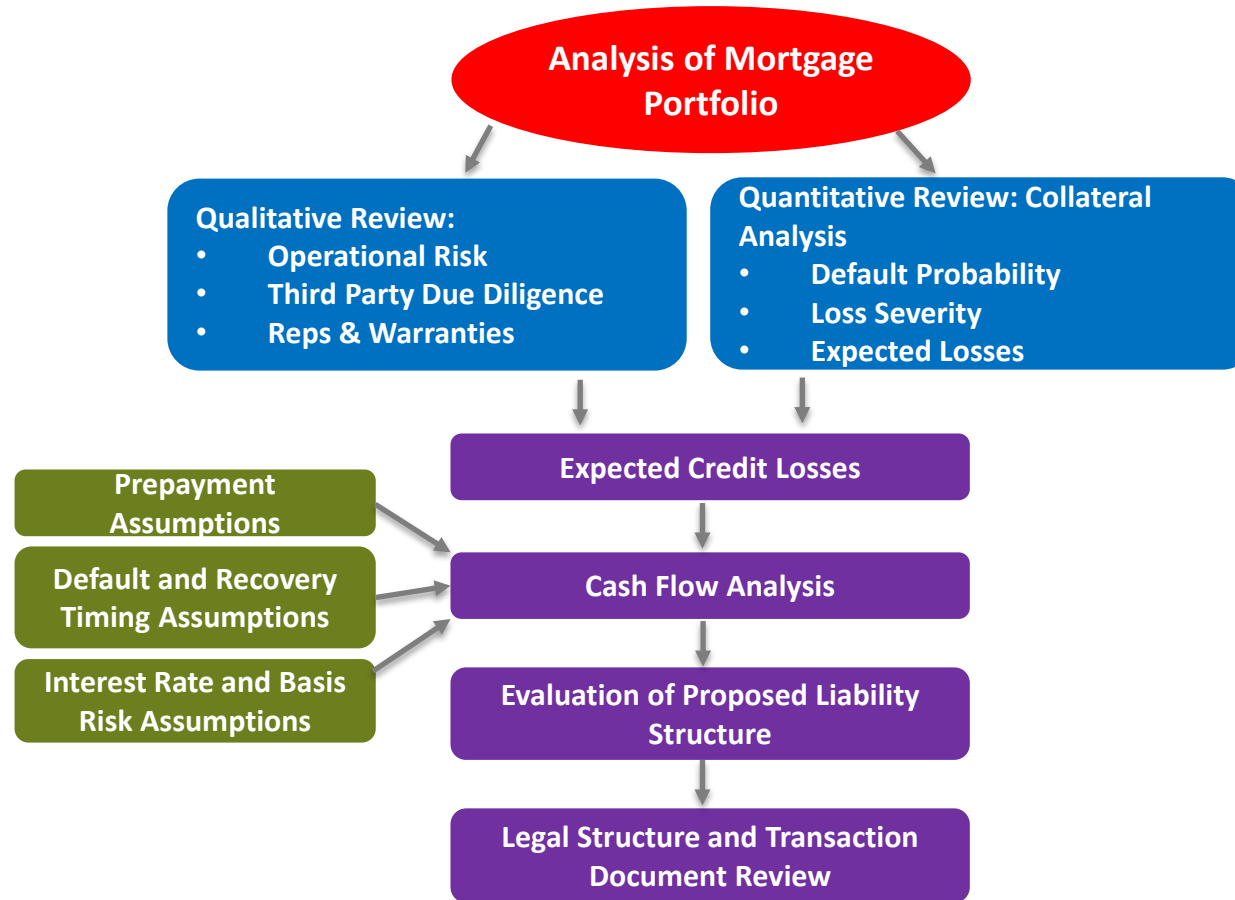
Alfonso Candelas

Head of European Surveillance

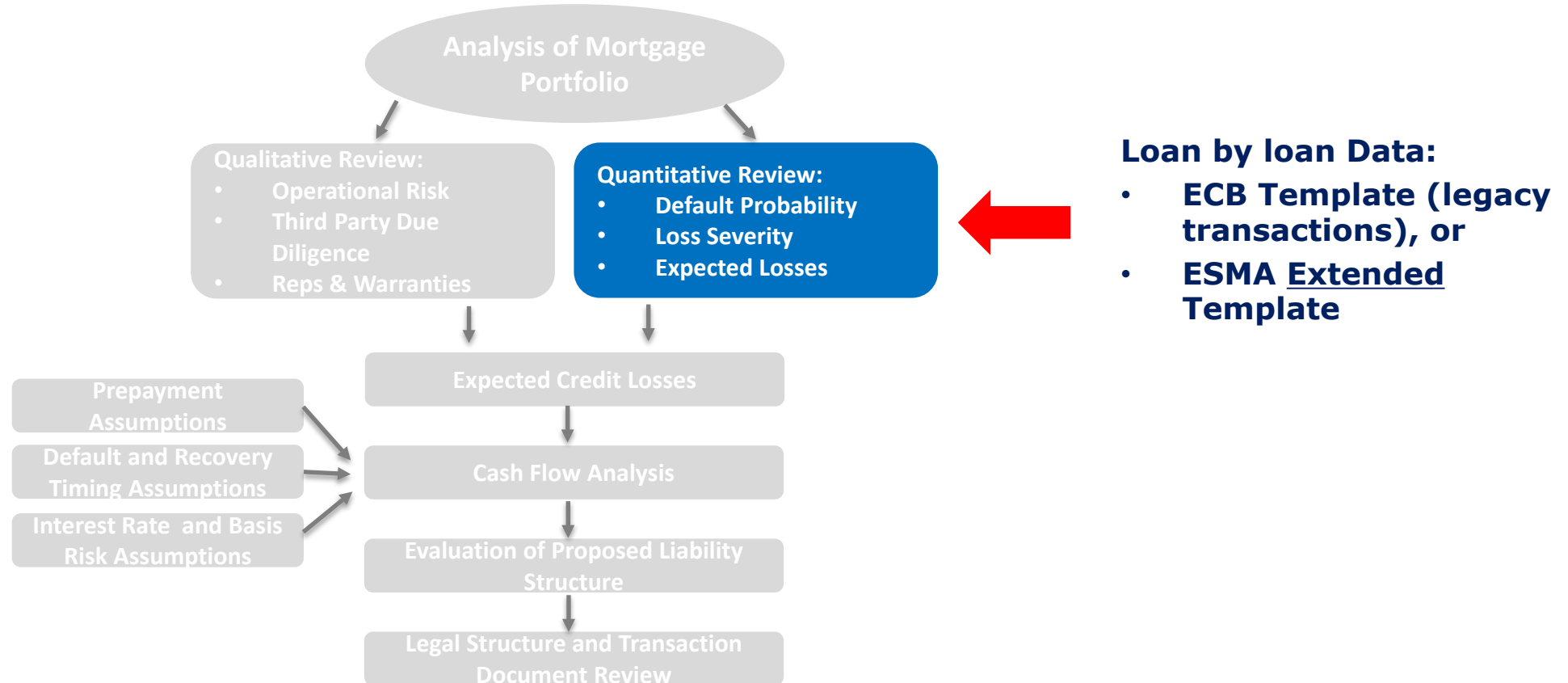
Global Structured Finance

29 APRIL 2021

Process for Analysing an RMBS Transaction



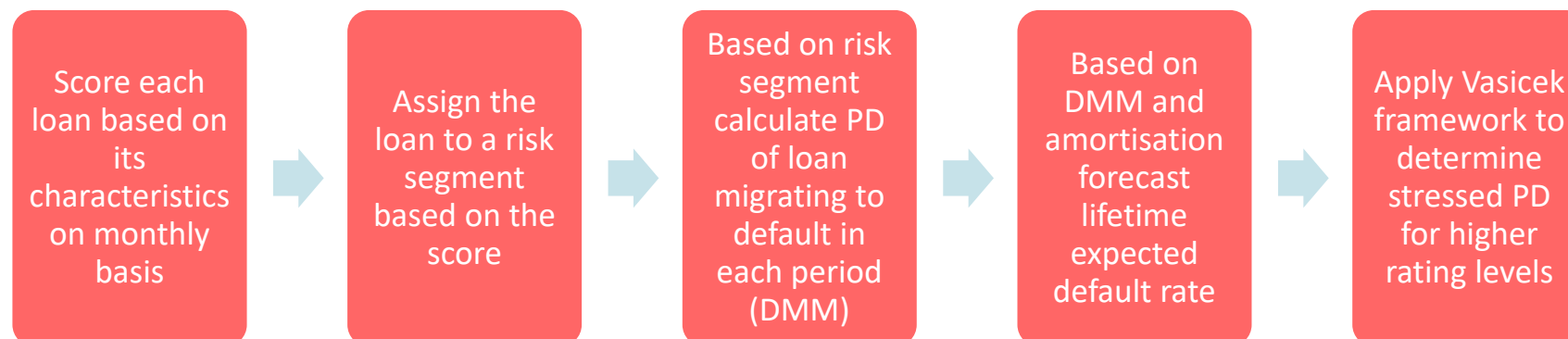
Process for Analysing an RMBS Transaction



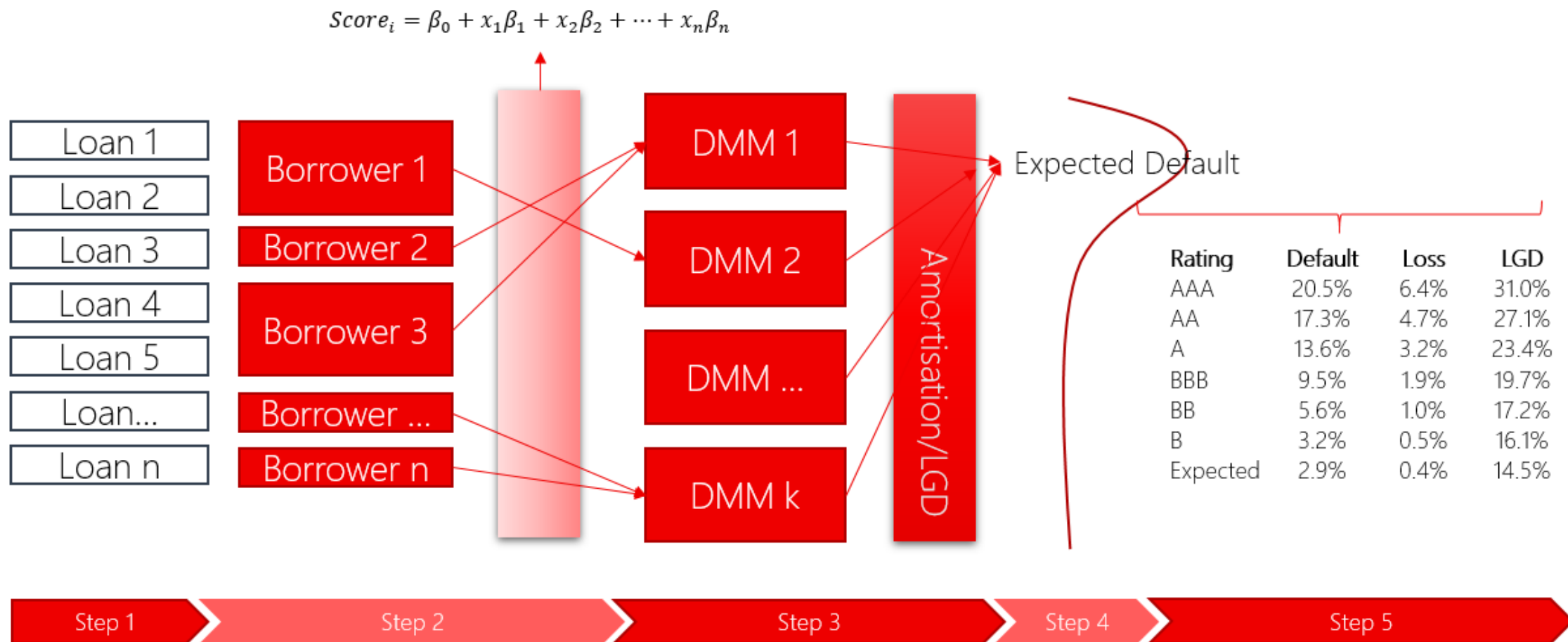
Analysis of Collateral Credit Quality – Insight Model

- Principal methodology used for determining portfolio level PD, LGD and EL: European RMBS Insight Methodology
- Spanish specific Loan Scoring Approach (LSA) and Delinquency Migration Matrix (DMM), that were actually constructed using Spanish loan-level data from European DataWarehouse.
- High level approach to determine PD consists of
 - Based on loan level data, score each loans considering loan, borrower and the underlying property characteristics
 - Based on score assign each loan to a risk segments, which represent delinquency migration matrices (DMM)
 - Each DMM risk segment has a different PD expectation
 - Based on DMM risk segment and amortisation profile calculate lifetime expected defaults at loan level
 - Use Vasicek framework to derive stressed lifetime PD for different rating stress level

Probability of Default Model Structure



Analysis of Collateral Credit Quality – Insight Model



Analysis of Collateral Credit Quality - PD

- Determination of PD is driven by variables which are deemed to be good indicators of a borrower's willingness and ability to pay. These are analysed on a loan by loan basis and fed into DBRS Morningstar RMBS Insight model. Key variables across Europe include:
 - Loan to value ratio (LTV)
 - Borrowers income
 - Employment status
 - Interest rate on loan
 - Loan repayment type
 - Loan purpose
 - Second charge loan
 - Arrears status
 - Qualitative variable(s)
- **And specifically for Spain:**
 - Vivienda de Protección Oficial (VPO): A benefit is applied in the European RMBS Insight Model for loans that are backed by a VPO property as they are less risky.
 - Credit lines: The maximum balance (current balance of the loan plus undrawn amount) is considered to calculate the LTV and hence PD of such loans in the European RMBS Insight Model. Further, the European RMBS Insight Model applies an additional penalty to credit lines considering historically worse performance.

Spanish RMBS Assumptions

Spanish LSA Parameters

Parameter	Odds Ratio	Variable Change	Variable Type
Loan Age between Six and 15 Years	0.91	Six Years to Eight Years	Continuous
Indexed LTV			
1%–40%	1.16	30% to 40%	Continuous
40%–80%	1.20	70% to 80%	Continuous
80%–125%	1.16	110% to 120%	Continuous
Margin			
0.0%–0.5%	0.44	0.3% to 0.5%	Continuous
0.5%–0.9%	1.47	0.7% to 0.9%	Continuous
0.9%–1.2%	1.57	1.0% to 1.2%	Continuous
Borrower Not Employed	1.79		Binary
Maturity > 30 Years	1.15		Binary

Parameter	Odds Ratio	Variable Change	Variable Type
Foreign Borrowers	1.46		Binary
Property Type, Not a House, Flat, Condo, or Multifamily Unit	1.20		Binary
Credit Line	1.53		Binary
Vivienda Protección Oficial (VPO) Guarantee	0.20		Binary
Purchase Loan	0.70		Binary
Loan Missing Income	0.88		Binary
Total Income between EUR 1 and EUR 100,000	0.96	60k to 80k	Continuous
Current Balance < EUR 10,000	1.22	10k to 5k	Continuous
Underwriting Score			
1	0.66		Binary
2	0.90		Binary
3	1.00		Binary
4	1.19		Binary
5	1.62		Binary
6	1.79		Binary
Adverse Performance (for Underwriting Scores 1–3 Only)	1.20		Binary

Spanish RMBS Assumptions

Spanish MVDs

Region	AAA	AA	A	BBB	BB	B	Volatile	Overheated
Andalusia	-41.7%	-36.4%	-30.8%	-27.2%	-21.1%	-15.0%	Yes	Yes
Aragón	-15.1%	-11.7%	-8.1%	-5.1%	-2.1%	-0.2%	Yes	No
Asturias	-50.8%	-44.4%	-38.2%	-33.3%	-28.0%	-23.3%	Yes	Yes
Balearic Is-lands	-50.8%	-45.3%	-39.6%	-35.3%	-27.1%	-19.8%	Yes	Yes
Canary Is-lands	-50.5%	-44.7%	-38.4%	-34.1%	-28.2%	-21.1%	Yes	Yes
Cantabria	-48.9%	-42.7%	-36.5%	-31.7%	-26.5%	-22.4%	Yes	Yes
Castile-La Mancha	-52.1%	-46.1%	-39.8%	-34.7%	-29.2%	-24.9%	Yes	Yes
Castile and León	-42.2%	-36.7%	-30.8%	-26.4%	-21.7%	-18.2%	Yes	Yes
Catalonia	-18.5%	-13.9%	-9.4%	-5.8%	-2.4%	-0.3%	Yes	No
Ceuta	-28.8%	-22.4%	-16.2%	-11.5%	-6.3%	-3.7%	No	No
Valencian Community	-40.5%	-34.8%	-29.0%	-24.9%	-20.4%	-16.3%	Yes	Yes
Extremadura	-47.6%	-41.7%	-35.5%	-30.9%	-25.9%	-21.0%	Yes	Yes
Galicia	-54.8%	-49.2%	-42.8%	-38.2%	-32.4%	-25.1%	Yes	Yes
Madrid	-21.1%	-14.5%	-9.5%	-5.8%	-2.4%	-0.4%	Yes	No
Melilla	-46.7%	-41.4%	-35.9%	-31.7%	-23.2%	-16.7%	Yes	Yes
Murcia	-51.1%	-45.3%	-39.2%	-34.5%	-28.9%	-22.8%	Yes	Yes
Navarra	-15.1%	-11.7%	-8.4%	-5.2%	-2.1%	-0.2%	Yes	No
Basque Country	-43.3%	-37.4%	-31.2%	-26.2%	-21.2%	-18.0%	Yes	Yes
Rioja	-42.2%	-36.4%	-30.2%	-24.9%	-19.6%	-16.6%	Yes	Yes
National	-42.8%	-37.2%	-31.4%	-27.5%	-22.5%	-17.6%	Yes	Yes

ESMA Templates vs ESMA Extended Templates

- DBRSM RMBS Insight model fed with ECB loan by loan template so far. Adaptation to ESMA templates work in progress.
- ESMA templates lack some of the Insight model key fields, which will translate into multiple requests to Gestoras/Servicers/Originators in order to get all the required information. Such back and forth could result into:
 - a) Additional information timely received → No need for further adjustments to our model
 - b) Some data missing, not received ahead of new rating/surveillance review → Conservative assumptions taken in order to run our model and to compensate for the lack of data, which could ultimately mean lower ratings/downgrades.

Solution
?



ESMA Extended Templates uploaded to EDW, which would reduce the ad-hoc data requests and will allow for more transparency and accuracy in our rating analysis

DBRS Morningstar

Alfonso Candelas, Senior Vice President
alfonso.candelas@dbbrsmorningstar.com

The DBRS Morningstar group of companies consists of DBRS, Inc. (Delaware, U.S.)(NRSRO, DRO affiliate); DBRS Limited (Ontario, Canada)(DRO, NRSRO affiliate); DBRS Ratings GmbH (Frankfurt, Germany)(CRA, NRSRO affiliate, DRO affiliate); and DBRS Ratings Limited (England and Wales)(CRA, NRSRO affiliate, DRO affiliate). For more information on regulatory registrations, recognitions and approvals of the DBRS Morningstar group of companies, please see: <https://www.dbrsmorningstar.com/research/highlights.pdf>.



The DBRS Morningstar group of companies are wholly-owned subsidiaries of Morningstar, Inc.

© 2021 DBRS Morningstar. All Rights Reserved. The information upon which DBRS Morningstar ratings and other types of credit opinions and reports are based is obtained by DBRS Morningstar from sources DBRS Morningstar believes to be reliable. DBRS Morningstar does not audit the information it receives in connection with the analytical process, and it does not and cannot independently verify that information in every instance. The extent of any factual investigation or independent verification depends on facts and circumstances. DBRS Morningstar ratings, other types of credit opinions, reports and any other information provided by DBRS Morningstar are provided “as is” and without representation or warranty of any kind. DBRS Morningstar hereby disclaims any representation or warranty, express or implied, as to the accuracy, timeliness, completeness, merchantability, fitness for any particular purpose or non-infringement of any of such information. In no event shall DBRS Morningstar or its directors, officers, employees, independent contractors, agents and representatives (collectively, DBRS Morningstar Representatives) be liable (1) for any inaccuracy, delay, loss of data, interruption in service, error or omission or for any damages resulting therefrom, or (2) for any direct, indirect, incidental, special, compensatory or consequential damages arising from any use of ratings and rating reports or arising from any error (negligent or otherwise) or other circumstance or contingency within or outside the control of DBRS Morningstar or any DBRS Morningstar Representative, in connection with or related to obtaining, collecting, compiling, analyzing, interpreting, communicating, publishing or delivering any such information. No DBRS Morningstar entity is an investment advisor. DBRS Morningstar does not provide investment, financial or other advice. Ratings, other types of credit opinions, other analysis and research issued or published by DBRS Morningstar are, and must be construed solely as, statements of opinion and not statements of fact as to credit worthiness, investment, financial or other advice or recommendations to purchase, sell or hold any securities. A report with respect to a DBRS Morningstar rating or other credit opinion is neither a prospectus nor a substitute for the information assembled, verified and presented to investors by the issuer and its agents in connection with the sale of the securities. DBRS Morningstar may receive compensation for its ratings and other credit opinions from, among others, issuers, insurers, guarantors and/or underwriters of debt securities. DBRS Morningstar is not responsible for the content or operation of third party websites accessed through hypertext or other computer links and DBRS Morningstar shall have no liability to any person or entity for the use of such third party websites. This publication may not be reproduced, retransmitted or distributed in any form without the prior written consent of DBRS Morningstar. ALL DBRS MORNINGSTAR RATINGS AND OTHER TYPES OF CREDIT OPINIONS ARE SUBJECT TO DISCLAIMERS AND CERTAIN LIMITATIONS. PLEASE READ THESE DISCLAIMERS AND LIMITATIONS AT <https://www.dbrsmorningstar.com/about/disclaimer>. ADDITIONAL INFORMATION REGARDING DBRS MORNINGSTAR RATINGS AND OTHER TYPES OF CREDIT OPINIONS, INCLUDING DEFINITIONS, POLICIES AND METHODOLOGIES, ARE AVAILABLE ON <https://www.dbrsmorningstar.com>.

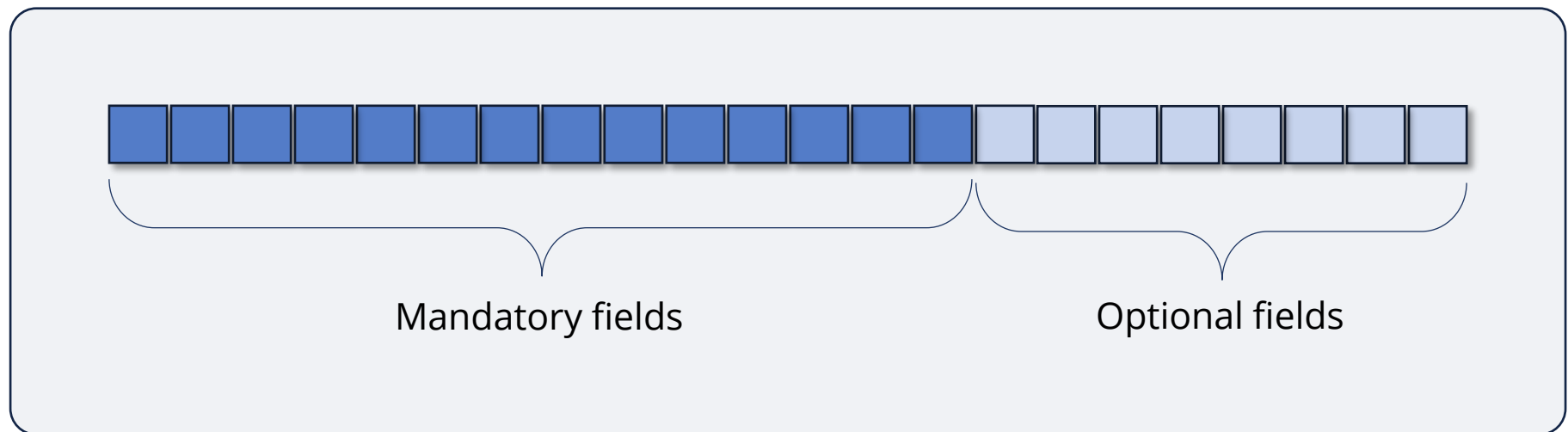
EDW EXTENDED REPORTING TEMPLATES

SERGIO RODAS SANCHEZ, EUROPEAN DATAWAREHOUSE

DIVERSITY AND COMPLETENESS OF ECB TEMPLATES

- Between December 2012 and September 2013, the European Central Bank (ECB) published a series of reporting templates that were intended to improve transparency, give investors access to loan-level data, as well as ensure that credit rating agencies and other market participants have the information they need to update their credit and cash flow models.
- The reporting templates consist of various sets of fields. The Eurosystem decided that only a subset of those fields should be mandatory.

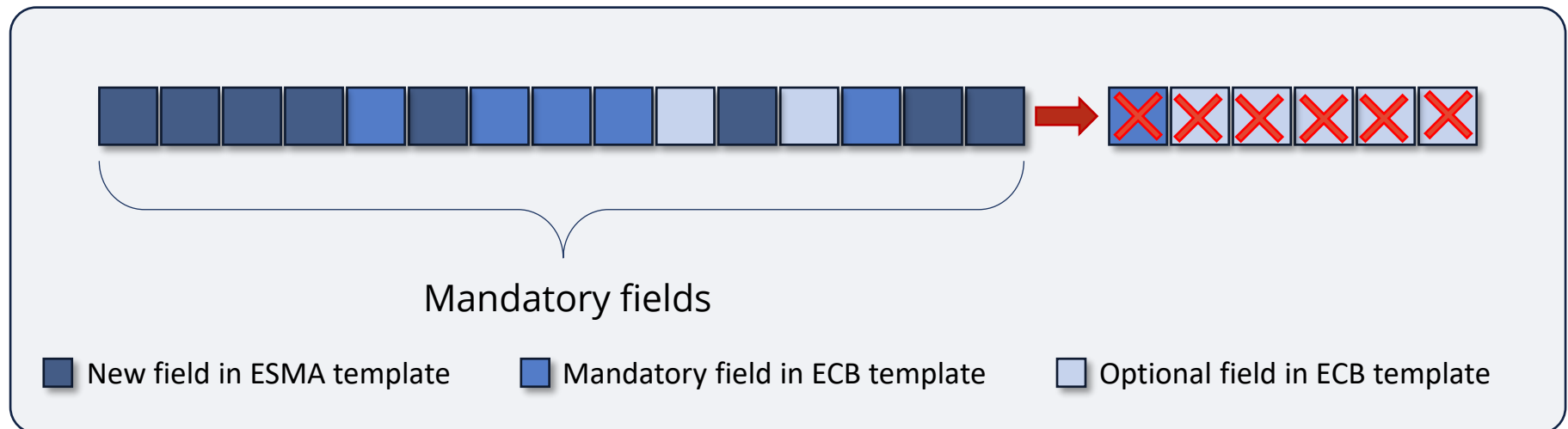
Figure 1: Structure of ECB templates



LOSS OF INFORMATION

- In August 2018, the European Securities and Market Authority (ESMA) published the draft underlying exposure templates, followed by subsequent versions.
- There are a series of key differences between the ESMA templates and the existing ECB templates:
 - A key difference is the removal of fields;
 - The ESMA templates also include mandatory fields only.

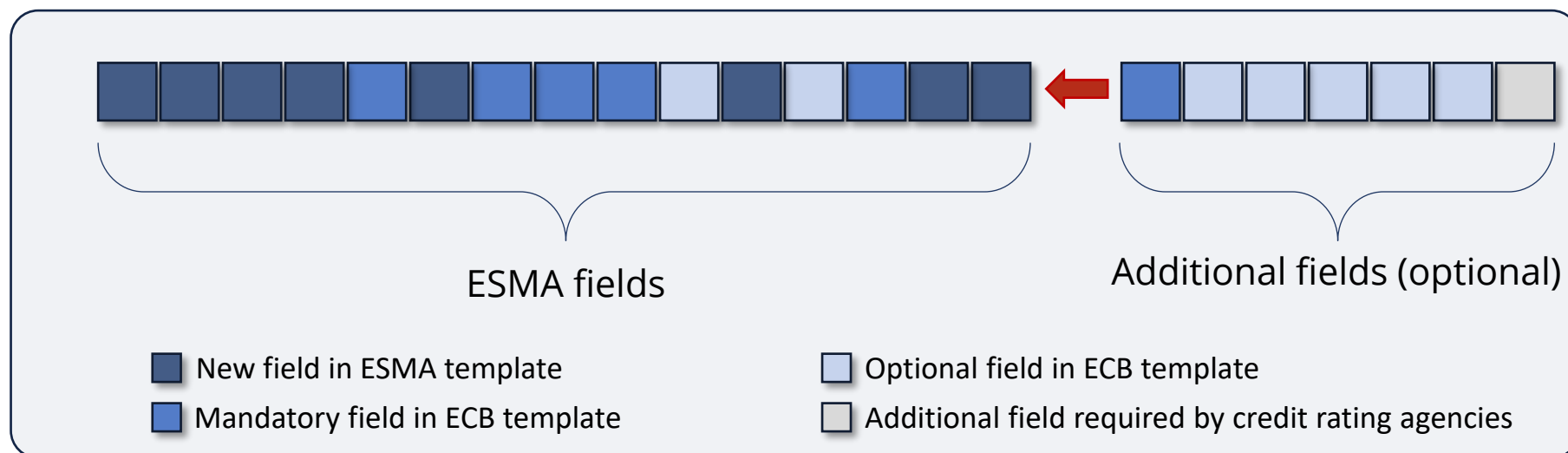
Figure 2: Structure of ESMA templates



CRUCIAL DATASET FOR CREDIT RATING AGENCIES

- The ESMA templates no longer comprise data fields containing valuable information that credit rating agencies and other market participants need to update their credit and cash flow models.
- The EDW Extended Templates contain all data fields required to meet the regulatory disclosure requirements under the Securitisation Regulation (EU) 2017/2402 while at the same time providing all the information required by credit rating agencies.
- All fields added in the Extended Templates are optional; credit rating agencies will accept templates with a subset of populated additional fields, as long as they fulfil the reporting needs.

Figure 3: Structure of EDW Extended Templates



INNOVATION AND COLLABORATION OVER MORE THAN 1 YEAR

Our teams identified and incorporated hundreds of additional fields into the EDW Extended Templates



Together with the credit rating agencies, we have added the following fields per asset class:

- | | |
|---------------------|----|
| • Residential: | 61 |
| • Auto: | 11 |
| • Corporate: | 22 |
| • Leasing: | 12 |
| • Consumer: | 15 |
| • Credit Cards: | 5 |
| • CMBS: | 9 |
| • Investor Reports: | 97 |
| • NPL: | 5 |

A SEAMLESS UPLOAD PROCESS

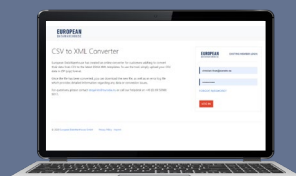
1

Upload EDW
Extended
Template in CSV-
format to the
converter



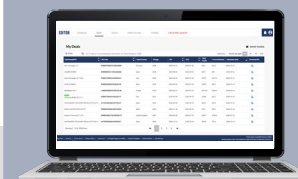
2

The ESMA fields
are automatically
converted into an
XML file



3

The XML file is published
by DO/DP on EDITOR for
ESMA-regulatory
compliance



The EDW Extended
Template is stored in CSV-
format for credit rating
agencies



4

KEY BENEFITS OF EDW EXTENDED TEMPLATES

Easy-to-use format

The data can be submitted in CSV-format

Time & resource-saving

No need to prepare a second loan tape for credit rating agencies

Free of charge

The templates are available free of charge to EDITOR users

Restricted access only

Templates provided via SFTP with access for selected parties only



LATEST DEVELOPMENTS ON STS VERIFICATIONS

IAN BELL, PCS

PCS

Setting the Standard for Securitisation

An Update on STS – April 2021



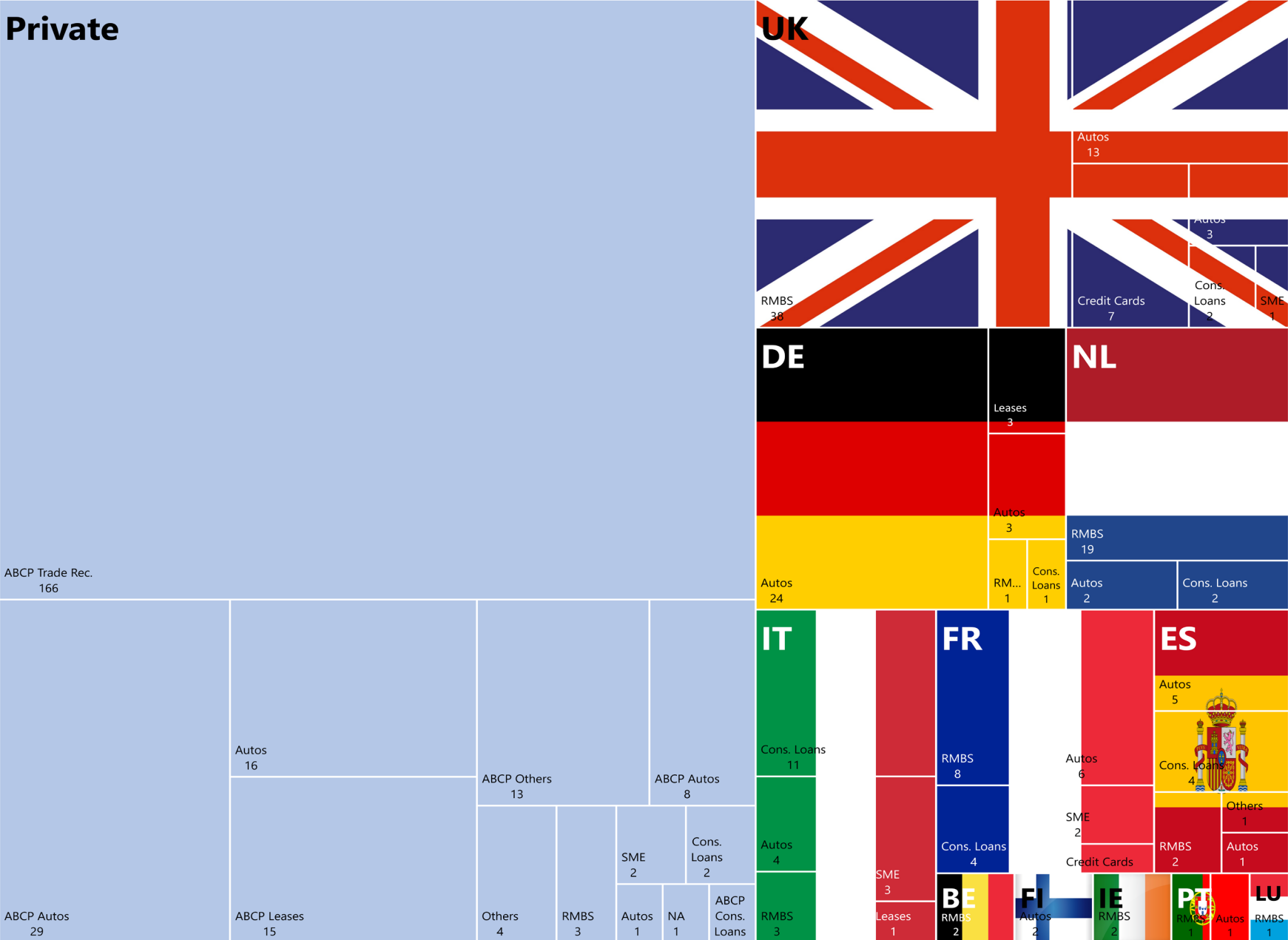
STS

Size of the
market

- On 19 April, 2021 – 479 transactions notified to ESMA
- On 19 April, 2021 – 7 transactions notified to the FCA

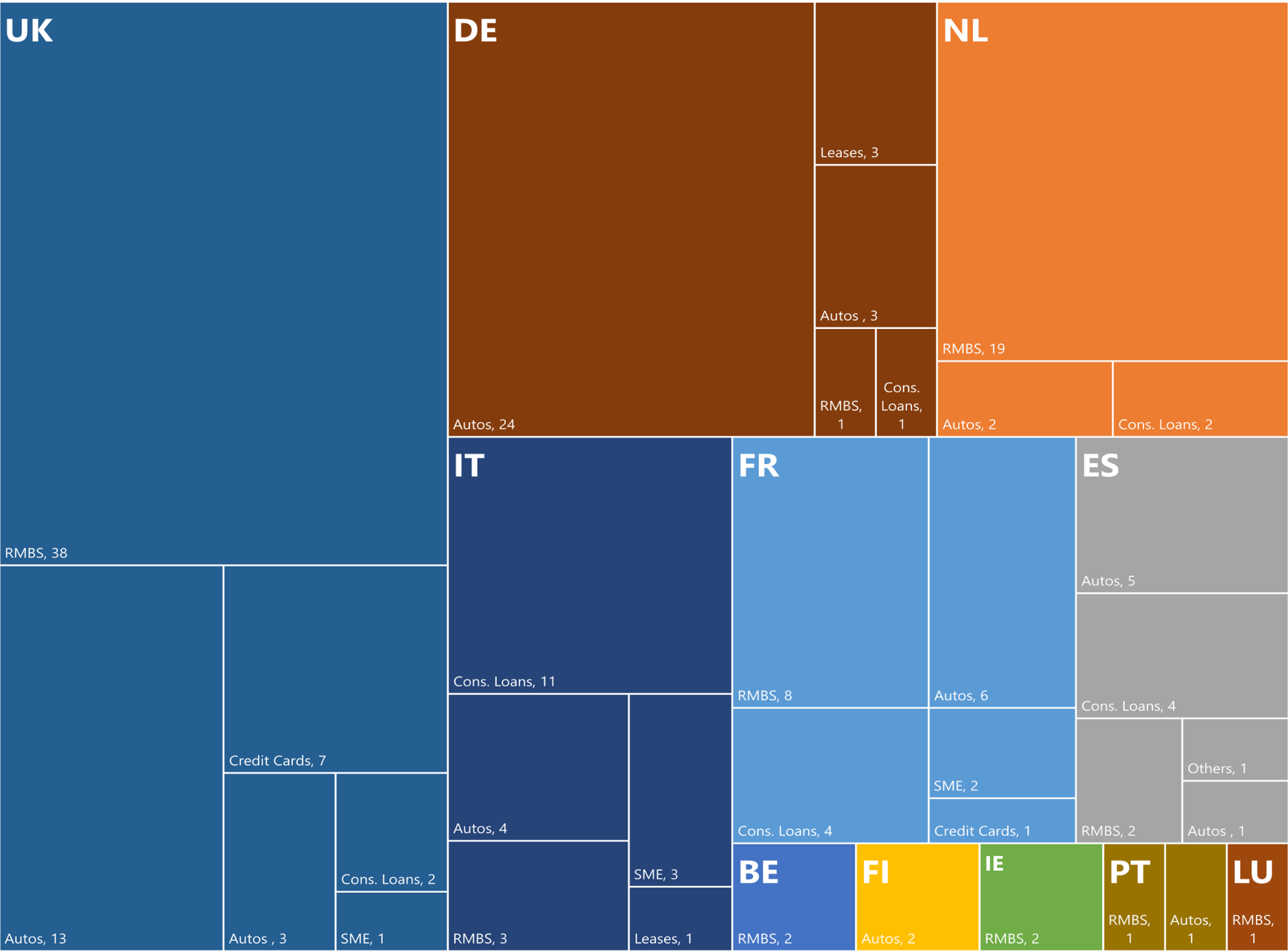


445 STS
Transactions
(2019-2020)



Source: ESMA, FCA

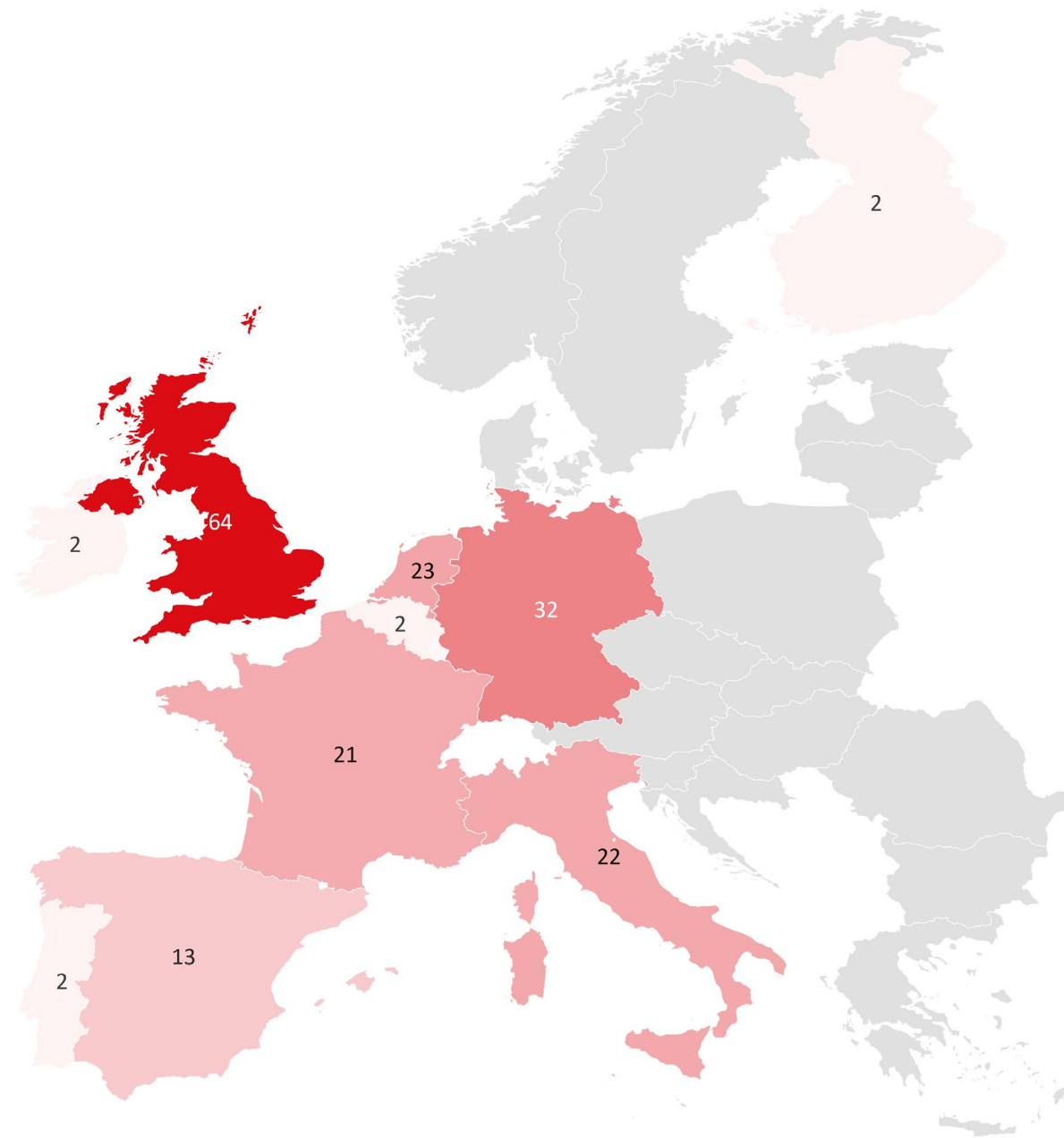
184 Public
STS
Transactions
(2019-2020)



Source: ESMA, FCA



184 Public
STS
Transactions
(2019-2020)



STS

Nature of the market

- With one exception, all the asset classes which could seek STS status have done so
- All public STS securitisations (save three) have been verified by a third party verification agent
- All public, placed STS securitisations have been verified by a third party verification agent

STS

Transformation du marché

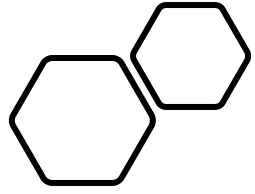
- From 1st January 2021, with the end of the Brexit transition period, the European STS market was split in two.
- The STS market is not exactly the same on both sides of the Channel (SPV location and transition periods)
- From 9th April 2021, a new STS regime is in force for synthetic securitisations
- The synthetic STS regime contains many more criteria for achieving STS but is structurally identical to the existing “true sale” regime

PCS

Setting the Standard for Securitisation

PCS – Who are we?





PCS

Prime Collateralised Securities (PCS) was set up by market stakeholders as an independent, not-for-profit initiative to help rebuild a safe securitisation market in Europe.



Our Mission

- The aim of the Prime Collateralised Securities (“PCS”) initiative is to strengthen the securitisation market as a sustainable investment and funding tool for both investors and originators, promote growth in the real economy and improve market resilience by supporting standards of quality, transparency, and simplicity.
- The PCS initiative – as an independent entity – has, since its foundation in 2012, sought to define and promote standards of “best practice” in both the “true sale” and “risk transfer” asset backed markets: standards of quality, transparency and simplicity. It did this initially through its labels and now through its work as a verification agent but also through its advocacy and thought leadership.
- PCS is committed to retaining its not-for-profit status.



Strong Team of Securitisation Experts

- We are a team of securitisation experts with an average experience of 25 years in securitization markets
- We are based in 7 cities across Europe and have offices in London and Paris
- Most of our team members are speaking on average three languages including English, French, German, Italian, Spanish

Market Outreach Team



Ian Bell
CEO
ian.bell@pcsmarket.org



Max Bronzwaer
Investor Liaison
max.bronzwaer@pcsmarket.org



Rob Koning
Issuer Liaison
rob.koning@pcsmarket.org



Harry Noutsos
Issuer Liaison
harry.noutsos@pcsmarket.org

Analytics Team



Fazel Ahmed
Analyst
fazel.ahmed@pcsmarket.org



Robert Leach
Analyst
robert.leach@pcsmarket.org



Martina Spaeth
Analyst
martina.spaeth@pcsmarket.org



Daniele Vella
Analyst
daniele.vella@pcsmarket.org

Mark Lewis
Head of Analytics,
Head of Operations
& CFO
mark.lewis@pcsmarket.org



PCS Members & Permanent Observers

PCS Members

Allen & Overy	Linklaters
Allianz	Lloyds Banking Group
Amundi	Intesa San Paolo
APG	Mayer Brown
Ashurst LLP	Moody's
AXA	Nationwide Building Society
Baker & McKenzie	NIBC Bank
Banca Sella Holding S.p.A.	NN Investment Partners
Barclays	Obvion
BBVA	Rabobank
Bishopsfield Capital Partners	RBS
Bloomberg	Robeco
BNP Paribas	Santander
BNY Mellon	Securitisation Services
Clifford Chance	Societe Generale
Credit Suisse	Swiss Re
Deutsche Bank	TwentyFour Asset Management
Freshfields Bruckhaus Deringer	UBS
Hengeler Mueller	UniCredit
Hogan Lovells	Vieira De Almeida
ING	Vieira de Almeida
J.P.Morgan Asset Management	Weil, Gotshal & Manges

PCS Permanent Observers

Association for Financial Markets in Europe (AFME)	Irish Debt Securities Association (IDSA)
Dutch Securitisation Association (DSA)	KfW
Eurofinas	True Sale International (TSI)
European Bank for Reconstruction and Development (EBRD)	LeaseEurope
European Banking Authority (EBA)	
European Central Bank	
European Fund and Asset Management Association (EFAMA)	
European Financial Services Round Table (EFR)	
European Investment Bank (EIB)	
European Investment Fund (EIF)	
European Securities and Markets Authority (ESMA)	
Insurance Europe	
International Association of Credit Portfolio Managers (IACPM)	

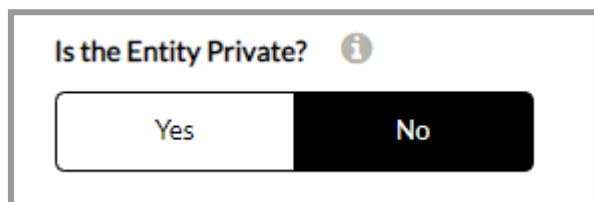
PRIVATE DEAL REPORTING IN EDITOR

ADELINA ASANI, EUROPEAN DATAWAREHOUSE

PRIVATE DEAL SOLUTIONS

EDITOR offers a dedicated website which allows private transactions to comply with the disclosure requirements under Article 7(1) of the Securitisation Regulation

- Includes features for the controlled transmission of the information to third parties
- Access to the relevant **data is fully managed by the Data Owner (DO)** (sponsor, originator or special securitisation purpose entity (SSPE)). DOs are responsible for authorising access to Data Users (DU)
- The service includes the conversion of the csv files (UE, IR) into XML format



A screenshot of a web form with the question "Is the Entity Private?" followed by an information icon. Below the question are two buttons: "Yes" and "No". The "No" button is highlighted in black.

ACCESSIBILITY:
EASY AND USER-FRIENDLY
WEB-BASED ACCESS

FLEXIBILITY:
ABILITY TO MODIFY USERS,
DEAL STATUS AND ACCESS AT
DOCUMENT LEVEL

INTEGRITY:
LEGAL FRAMEWORK FOR
ACCESSING AND UPLOADING
INFORMATION

RELIABILITY:
ROBUST SOFTWARE WITH
ONGOING SUPPORT

FEES FOR PRIVATE ABS TRANSACTIONS

Special offer for private ABS under the Securitisation Regulation

- Private non-ABCP securitisations are defined as those securitisations where no prospectus has to be drawn up in compliance with Directive 2003/71/EC of the European Parliament and the European Council
- The disclosure requirements in Article 7 of the Securitisation Regulation extend to all securitisations

The following special offer is limited!

- Both the one-off deal registration fee and surveillance fees will be waived for the first year for any private ABS created in EDW
- Valid until EDW is designated as a Securitisation Repository under ESMA (defined as date of publication on ESMA's website; expected end of Q2/Q3 2021)
- There are no limitations to number of private ABS deals created in EDITOR
- **This Offer saves your organization €15,000 per private ABS deal created in EDITOR**

	Year 1 Standard Pricing	Year 1 Special Offer	Year 2 - X
Deal Registration, Administration and Publication	€ 8,000	€ 0	n/a
Loan Level Data Management and Surveillance (per annum)	€ 7,000	€ 0	€ 7,000

Full flexibility is granted in managing private deals in EDITOR:

- It is possible to deactivate private deals similarly to public ABS transactions via a notification in EDITOR
- It is also possible to later make a private deal a public ABS transaction in EDITOR

LIMITED TIME OFFER FOR PRIVATE ABS TRANSACTIONS IN EDITOR

Special offer for private ABS

Example of special offer schema in case of private ABS transaction created on 31 March 2021

Deal Creation : 2021/03/31

	Fee – Deal registration	Fee - surveillance	Total amount	Invoice - Period of supply	Invoice – Issue date
1st Year	€0	€0	€0	No invoice*	No invoice*
2nd Year	n/a	€7000	€7000	2022/03/31 – 2023/03/30	2022/03/31
3rd Year	n/a	€7000	€7000	2023/03/31 – 2024/03/30	2023/03/31

This offer is valid till EDW will be nominated as a Securitisation Repository by ESMA (end date to coincide with the publication on the website)

** EDW may issue a EUR 0 invoice upon request if necessary.*



Q&A

THANK YOU//CONTACT US

EUROPEAN DATAWAREHOUSE GMBH

Walther-von-Cronberg-Platz 2

60594 Frankfurt am Main

www.eurodw.eu

enquiries@eurodw.eu

+49 (0) 69 50986 9017

This presentation (the "Presentation") has been prepared by European DataWarehouse GmbH (the "Company") and is being made available for information purposes only. The Presentation is strictly confidential and any disclosure, use, copying and circulation of this Presentation is prohibited without the consent from the Company. Information in this Presentation, including forecast financial information, should not be considered as advice or a recommendation to investors or potential investors in relation to holding, purchasing or selling securities or other financial products or instruments and does not take into account your particular investment objectives, financial situation or needs. No representation, warranty or undertaking, express or implied, is made as to the accuracy, completeness or appropriateness of the information and opinions contained in this Presentation. Under no circumstances shall the Company have any liability for any loss or damage that may arise from the use of this Presentation or the information or opinions contained herein. Certain of the information contained herein may include forward-looking statements relating to the business, financial performance and results of the Company and/or the industry in which it operates. Forward-looking statements concern future circumstances and results and other statements that are not historical facts, sometimes identified by the words "believes", "expects", "predicts", "intends", "projects", "plans", "estimates", "aims", "foresees", "anticipates", "targets", "may", "will", "should" and similar expression. The forward-looking looking statements, contained in this Presentation, including assumptions, opinions and views of the Company or cited from third party sources are solely opinions and forecasts which are uncertain and subject to risks.