

Green Auto Securitisation (GAS)

Kick-off Konferenz - Begleitvorhaben für das BMBF Forschungsprogramm
"Klimaschutz und Finanzwirtschaft"



EUROPEAN
DATAWAREHOUSE

What is the GAS project?



- Focus:
 - securitisation of green auto loans and leases
- Relevance:
 - a green finance mechanism is needed to incentivize purchase of low-emission vehicles via captive and non captive banks
- Challenges:
 - ESG information disclosure requirements are underdeveloped for green securitisation products
 - lack of harmonization due to ongoing regulatory framework discussions
 - data availability issues

Gas project in a nutshell



Gas Project
deliverables

Development of a model **database** with four building blocks:

- (i) the sustainability characteristics of the **car manufacturers**
- (ii) the characteristics of **car models**
- (iii) information on car **loans** (and **leases**)
- (iv) the characteristics of **securitisation products**.

Analysis and **definition** of automobile-related transparent **sustainability factors** at the level of the

- car manufacturer
- supply chain
- automobile

Investigation of the relationship between **low-emission vehicles** and **credit risk**

Suggestions for a design of two new green financial products:

- 1) **Green Auto and Leasing Loans**
- 2) **Green Auto and Leasing ABS**

Contribution to the overall KlimFi objectives



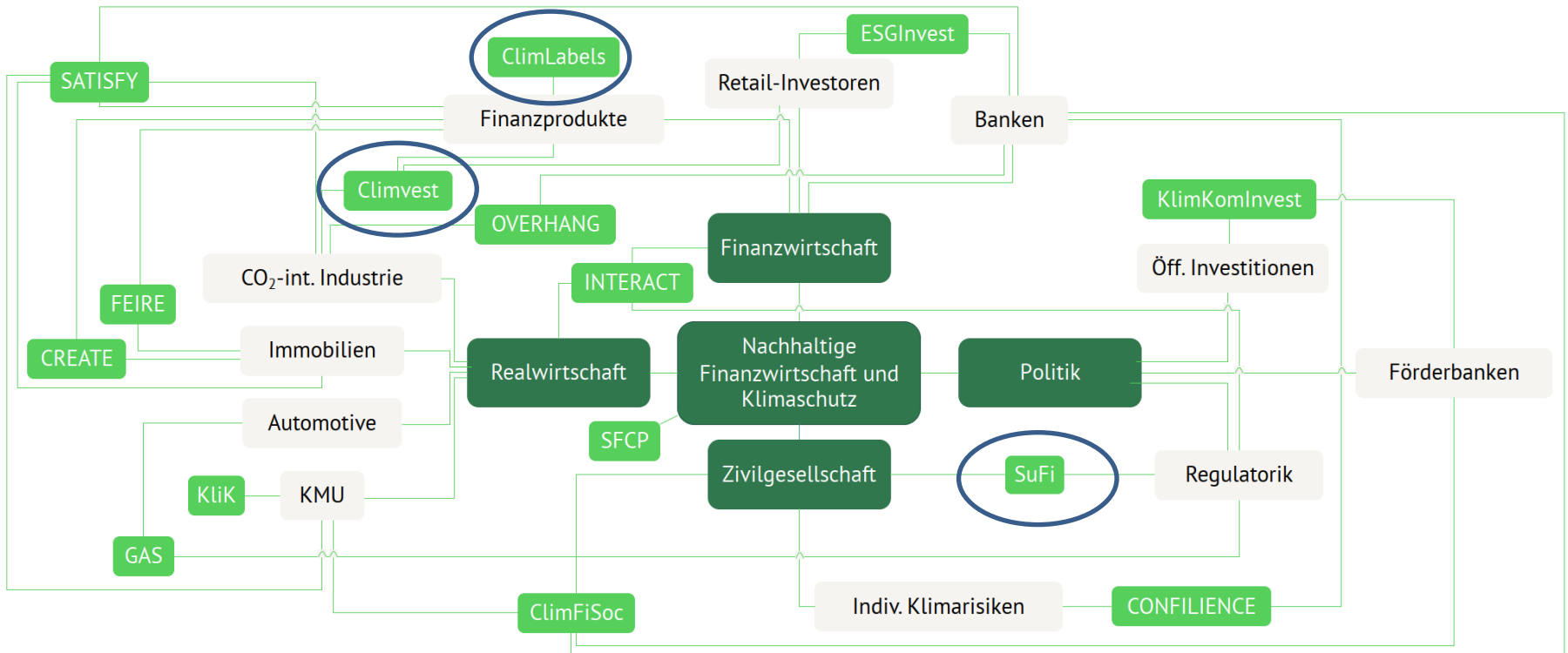
- Design of financial products and analysis of market mechanisms
 - suggestions for a design of new, climate-friendly products (Green Auto Credit Product and the Green Auto ABS)
 - analysis of supply of and demand for sustainability-related information in the ABS market

- Strengthening of research competencies in the field of finance and climate protection
 - new measures to quantify green auto loan/lease portfolios
 - study of credit risks in the context of green loans and leases

- Engagement with non-academic audiences
 - e.g., securitising originators, ABS rating agencies, industry representatives, regulators

- Data availability, quality and analysis
 - first-of-its-kind loan-level database

Synergies with other KlimFi-Projects



GAS team



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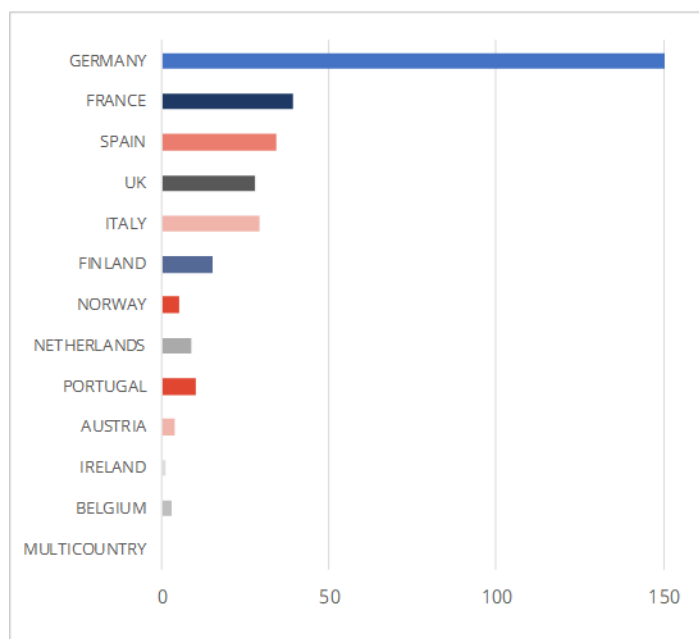


Maxime Fouchardiere
Project Member

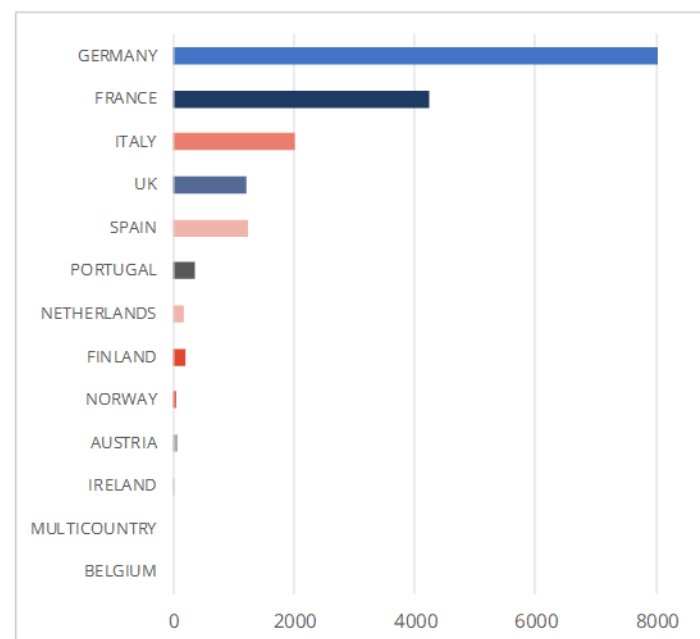
AUTO ASSET BACKED SECURITIES

Loan level data on a total of 299 AUTO ABS Deals & 18.6 mn loans

DEALS



LOANS OR LOAN PARTS



ENERGY LABELS ARE INCONSISTENT ACROSS COUNTRIES – FIAT 500 EXAMPLE

Guess if Country A is Germany or France???

