



Scope
Group

Funding The Energy Transition - From Maritime Infrastructure to Lower Emissions Vessels

The Impact of CII-Rating on Investors,
Lenders and other Maritime Stakeholders
Decision Making



© Scope Group





Image: University of Tasmania



Image: Windship Technologies



Ship Review is all about supporting the transformation

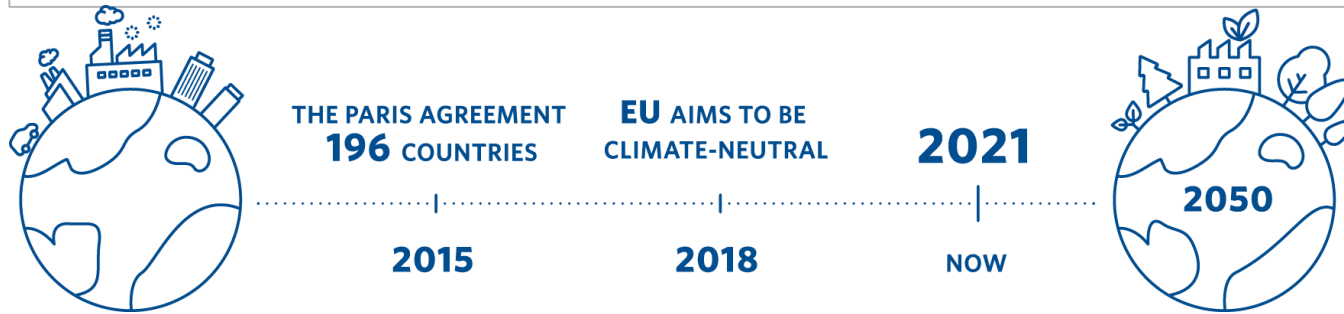


Image: University of Tasmania



Image: Windship Technologies



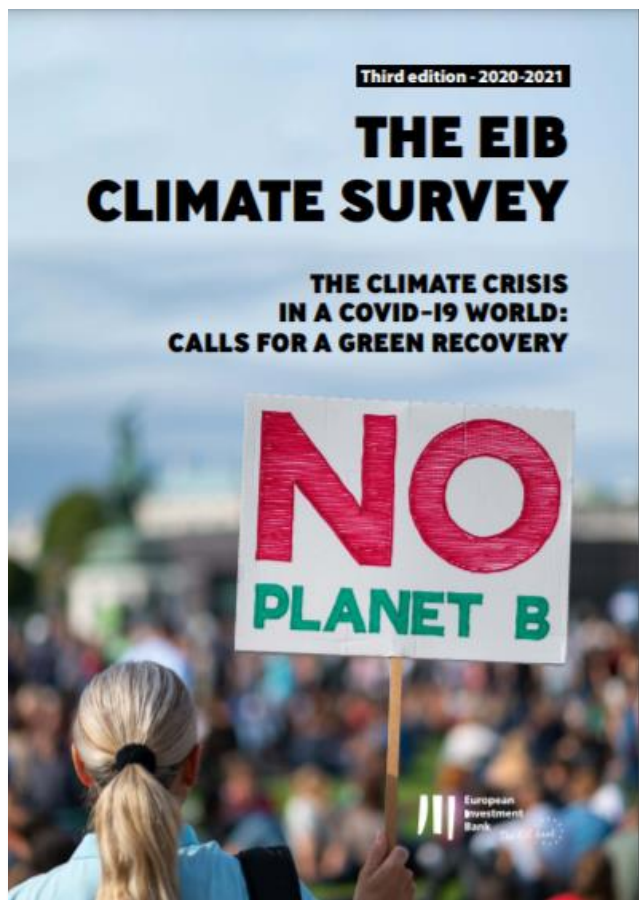
86% of investors say, that **climate change** will be the **center of their investment policy**

66% of investors to focus on **decarbonization on global equities** in the coming two years

80% of investors believe, that **governments and others need to do much more** to achieve climate Paris

27% of sustainability-focused model portfolios will be **divested from carbon intensive assets**

Source: Robeco Global Climate Survey, March 2021



Consumers...



... view climate change as their biggest challenge

33%

<34%

61%

... are worried about increase in natural disasters

64%

54%

61%

... feel the impact of everyday life

75%

72%

94%

... want to see that the government reorients to climate change

57%

49%

73%

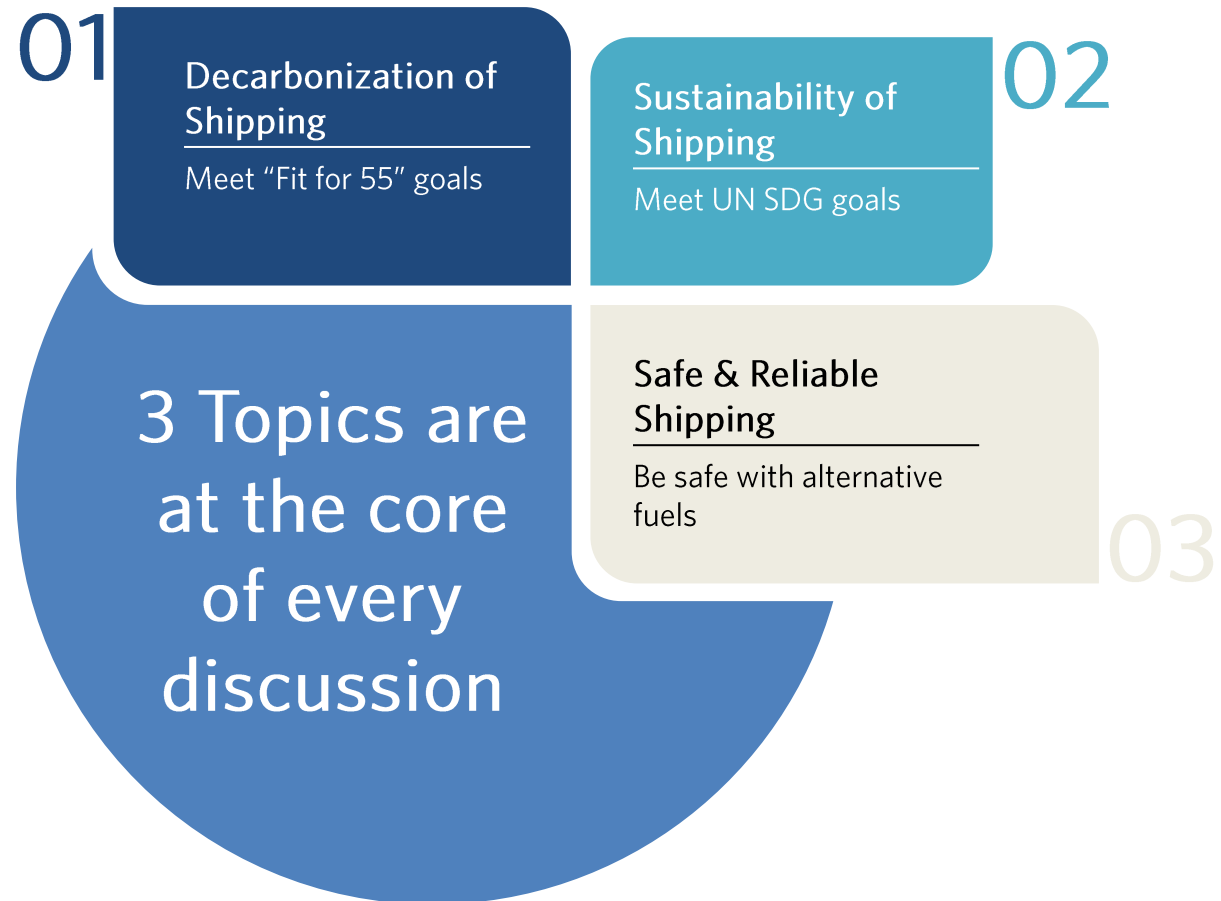
... want the government to implement stricter climate change measures

70%

67%

95%

Source: EIB Climate Study, 2020-2021



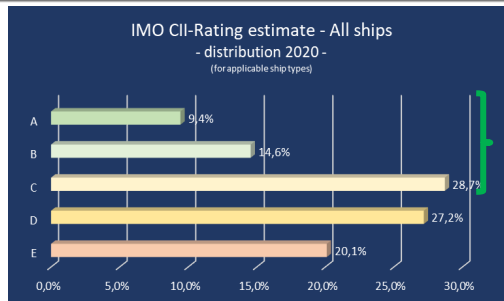
Components of the Scope CII Rating estimate



41.000 Carbon Intensity Indicator (CII) Rating estimates



CII-Rating estimates by ship type

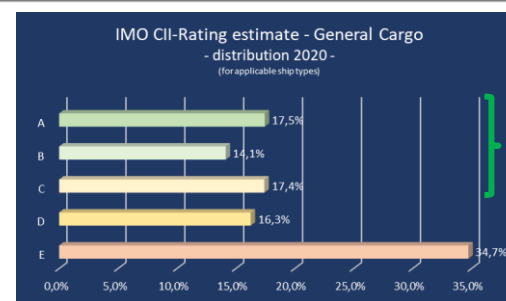


41,346

52.7 %

27.7 %

20.1 %

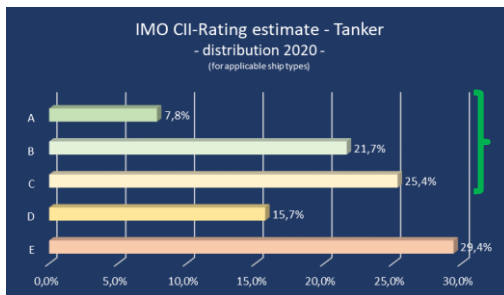


7,448

49.0 %

16.3 %

34.7 %

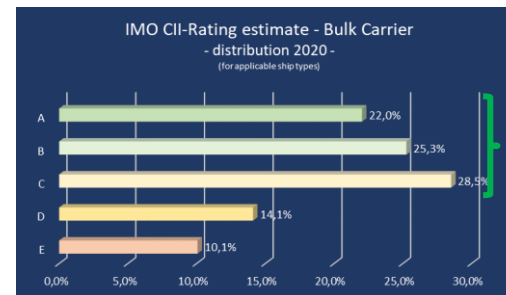


12,551

54.9 %

15.7 %

29.4 %

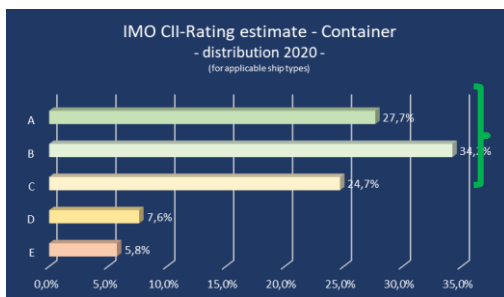


10,118

75.8 %

14.1 %

10.1 %

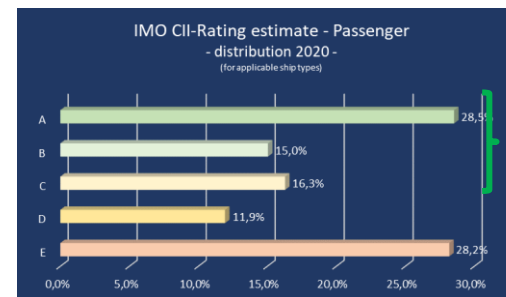


5,107

86.6 %

7.6 %

5.8 %



2,572

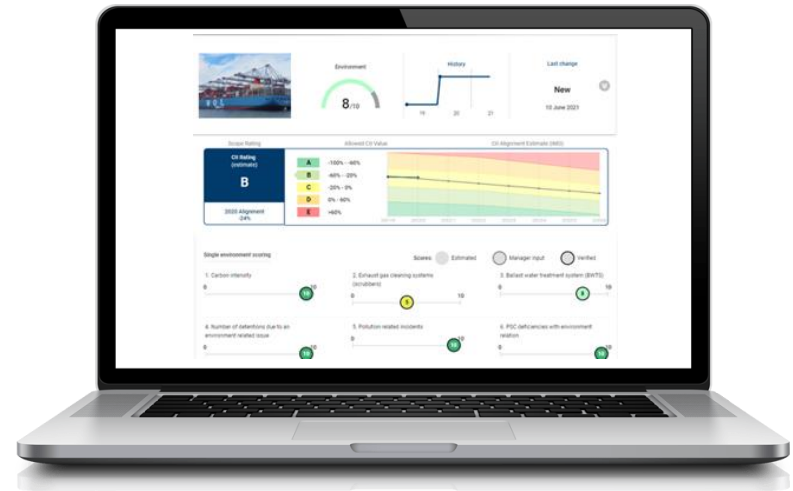
59.9 %

11.9 %

28.2 %

Lenders will look at:

- GHG impact on **portfolio performance**
- GHG adjusted **pricing / covenants**
- Feasibility of financing **retrofitting projects**
- **Carbon credit** finance
- Impact on **regulatory reporting** (SFDR)



Ports, governments and regions will look at:

- Impact of **port pollution** on climate strategy
- Impact and monitoring of **coastal water pollution**
- **Port support infrastructure** (climate strategy)
- Performance of **ship registry fleet**

Shipper, Forwarders, will look at:

- Emissions per **cargo carried per voyage**
- Impact on companies **CO2 footprint** (Scope3)
- Alternative routes/ships that **minimize emissions**
- Impact on **carbon credit** financing

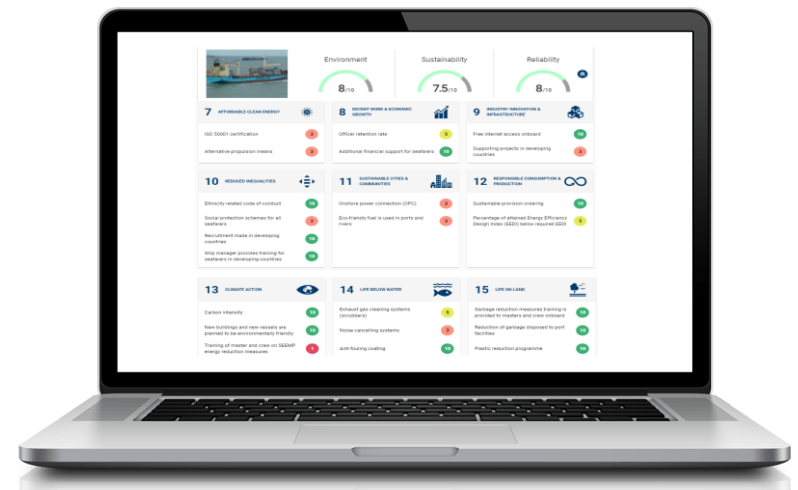
Ship Owners will look at:

- Options and cost of emission reduction
- Emission linked KPIs for ship management/crew
- New shipping contracts involving emission targets
- Impact of carbon credits on charter rates

Ship Manager/ Charterer will look at:

- Emissions per cargo carried per voyage
- Current and forecasted CII Rating of ships
- Crew training on new emission linked KPIs
- Impact of carbon credits on transport cost

The impact of the CII Rating is just the beginning. It will accelerate the implementation of **UN Sustainable Development Goals**





Access CII-Ratings on the Ship Review landing page

The screenshot shows a web browser window with the URL <https://www.scope-one.com/ship-review> highlighted in a yellow box. The page header includes the ScopeOne logo, a 'Products' link, and buttons for 'Register for free', 'Sign in', and a phone number '+49 30 27891 300'. The breadcrumb trail reads 'ScopeOne > ESG Analysis > Ship Review'. The main content area features a large image of a container ship and a white box with the following text: 'Ship Review', 'Database with 70,000+ ships', 'The primary industry solution to evaluate sustainable and reliable maritime logistics.', and two buttons: 'Search ships' and 'Start a free trial'. A yellow arrow labeled 'Go to' points to the 'Search ships' button, and another yellow arrow labeled 'Search ships' points to the 'Search ships' button. At the bottom, a light blue banner states 'The goal is to reduce emissions by 50% by 2050'.

Go to

Search ships

Ship Review
Database with 70,000+ ships
The primary industry solution to evaluate sustainable and reliable maritime logistics.
Search ships Start a free trial

The goal is to reduce emissions by 50% by 2050



Search for ships' CII Ratings

OceanScore

app.scope-one.com/oceanscore/demo

ScopeOne Products Register for free Sign in +49 30 27891 300

ScopeOne > ESG Analysis > Ship Review

Ship Review
Database with 70,000+
The primary industry solution to evaluate sustain

Start a free trial

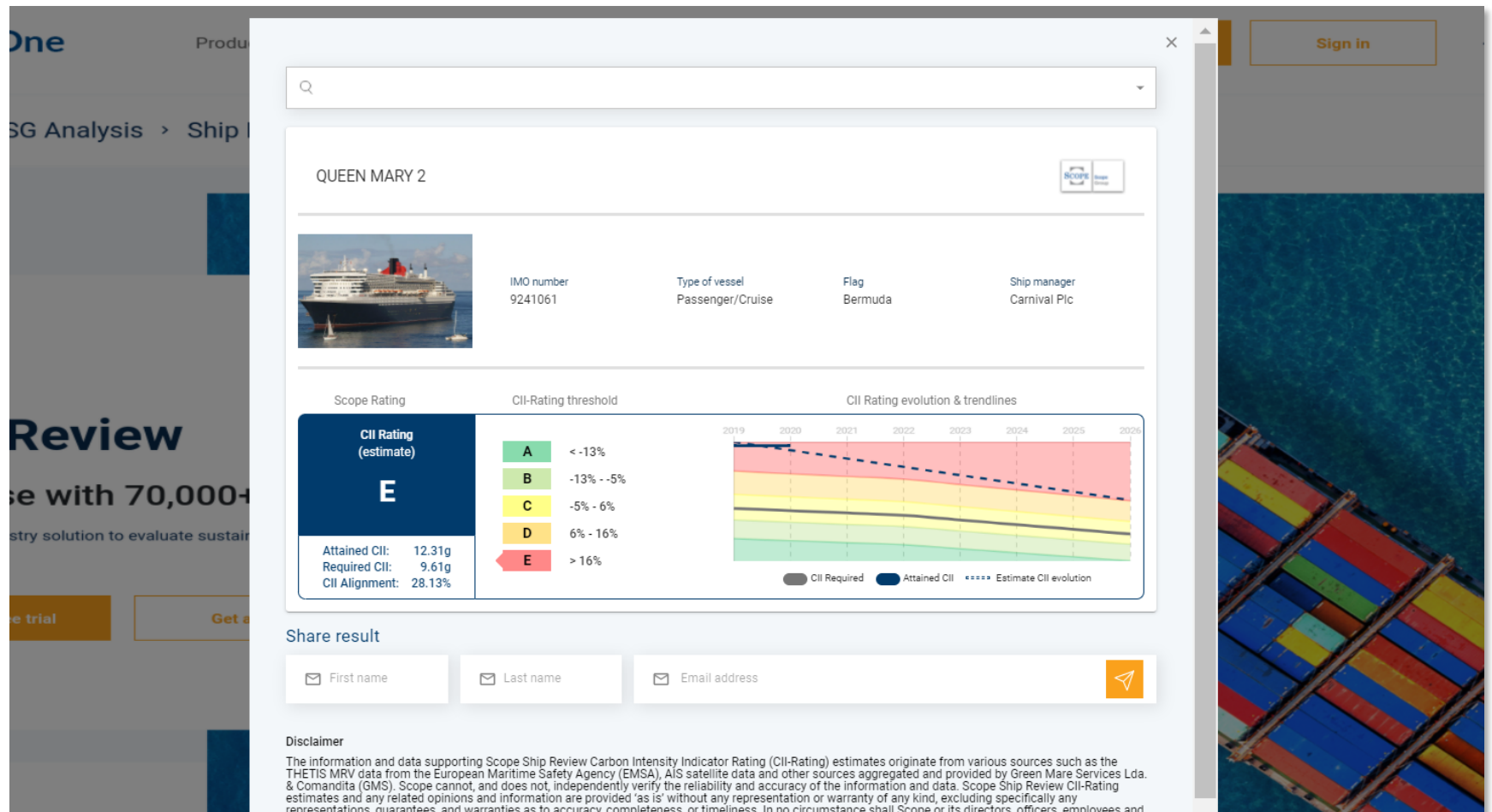
Search ships

Queen M

- QUEEN MAJESTY 9295323
- QUEEN MAYA 9113135
- QUEEN MARY 9184574
- QUEEN MARY 2 9241061

The screenshot shows a web browser window with the URL 'app.scope-one.com/oceanscore/demo'. The page features the 'ScopeOne' logo and navigation links for 'Products', 'Register for free', 'Sign in', and a phone number '+49 30 27891 300'. The main heading is 'Ship Review' with a subheading 'Database with 70,000+' and a description 'The primary industry solution to evaluate sustain'. A prominent 'Start a free trial' button is visible. A modal window titled 'Search ships' is open, displaying a search bar with the text 'Queen M' and a list of search results: 'QUEEN MAJESTY 9295323', 'QUEEN MAYA 9113135', 'QUEEN MARY 9184574', and 'QUEEN MARY 2 9241061'. A red arrow points from the 'Start a free trial' button to the modal window.

CII-Rating estimate Queen Mary 2





<https://www.scope-one.com/ship-review>



Products

Register for free

Sign in

+49 30 27891 300

ScopeOne > ESG Analysis > Ship Review



Ship Review

Database with 70,000+ ships

The primary industry solution to evaluate sustainable and reliable maritime logistics.

Search ships

Start a free trial





Scope at a glance

Registered credit rating agency

ESMA accreditation in 2012
(European Securities and Markets Authority)

240+ employees

entrepreneurial
culture

Pan-European

Berlin · London · Madrid
Frankfurt · Milan · Paris · Oslo

serving
~350
institutional
investors

with total
assets under
management
of ~ € 49tn

Offerings

Credit Analysis
ESG Analysis
Fund Analysis

The largest European rating agency



scopegroup.com

app.scope-one.com

scope-one.com

Headquarters EU

BERLIN

Lennéstraße 5
D-10785 Berlin
Phone +49 30 27891 0

Central & Eastern Europe

FRANKFURT AM MAIN

Eurotheum Neue
Mainzer Straße 66-68
D-60311 Frankfurt am Main
Phone +49 69 66 77 389 0

HAMBURG

Stadthausbrücke 5
D-20355 Hamburg
Phone: +49 40 60 77 812 00

Nordics & Baltics

OSLO

Karenslyst allé 53
N-0279 Oslo
Phone +47 21 62 31 42

Headquarters UK

LONDON

111 Buckingham Palace Road
UK - London SW1W 0SR
Phone +44 20 3457 0444

Western Europe

PARIS

23 Boulevard des Capucines
FR - 75002 Paris
Phone +33 6 62 89 35 12

Southern Europe

MADRID

Edificio Torre Europa
Paseo de la Castellana 95
E-28046 Madrid
Phone +34 914 186 973

MILAN

Regus Porta Venezia
Via Nino Bixio, 31
20129 Milano MI
Phone +39 02 8295 8254





About Scope Group

Scope SE & Co. KGaA is the holding company of Scope Group and the leading EU-based provider of independent ratings, research and risk analysis solutions across all asset classes. The Scope Group is based in Berlin and has offices in Frankfurt, London, Madrid, Milan, Oslo and Paris. The Scope Group has five fully owned operating companies:

Scope Ratings

The leading European credit rating agency, offers clients opinion-driven, forward-looking and non-mechanistic credit risk analysis and contributes to a greater diversity of opinions for institutional investors. Scope Ratings is a credit rating agency registered in accordance with the EU rating regulation and operating in the European Union with External Credit Assessment Institution (ECAI) status.

Scope Risk Solutions

is a provider of high quality credit risk solutions, enabling market participants to measure and manage credit risk, providing capabilities to extend their credit workbench, and helping them to meet regulatory requirements. Scope Risk Solutions' approach is fully aligned with Scope Ratings, incorporating the same European perspective as well as quantitative and qualitative consistency.

Scope Analysis

specialises in the analysis and rating of mutual funds, alternative investment funds, asset management companies and certificate issuers. Scope Analysis offers opinion-driven and forward-looking risk-return research and monitors risks on an ongoing basis.

Scope Investor Services

supports institutional investors with the selection of asset managers, funds and provides portfolio strategies for indirect investments. According to quantitative and qualitative criteria funds from all asset classes, investing in securities and real assets, are considered in the selection process.

Scope Insights

specialises in the preparation and distribution of market studies and comparative analyses in the field of investments, with a focus on commenting on and assessing the markets for bank bonds, corporate bonds and debt securities issued by public-sector issuers.



Disclaimer

“Scope Group” or “Scope” refers to the holding company “Scope SE & Co. KGaA” and any and/or all of its subsidiaries. Scope Ship Review is a product of Scope ESG Analysis GmbH. The information and data supporting Scope Ship Review originate from Green Mare Services Lda. & Comandita (“GMS”). The Ship Review Methodology was built by GMS in collaboration with Scope Scope ESG Analysis GmbH.

The presentation does not constitute an offer of any kind.

This presentation is for illustrative and informational purposes only and does not purport to be exhaustive. The information in this presentation may be outdated, and Scope does not make any representations or guarantees for the correctness, timeliness, or completeness of the information provided in the presentation. Scope assumes no liability or responsibility for any information provided by third parties.

The information and data included herein is protected by copyright and other laws. To reproduce, transmit, transfer, disseminate, translate, resell, or store for subsequent use for any purpose the information and data contained herein is prohibited, except as expressly agreed otherwise by Scope in advance. For questions contact Scope ESG Analysis GmbH at Lennéstraße 5, D-10785 Berlin.