

#### caste

An S&P Global Second Party Opinion (SPO) includes S&P Global Ratings' opinion on whether the documentation of a sustainable finance instrument, framework, or program, or a financing transaction aligns with certain third-party published sustainable finance principles. Certain SPOs may also provide our opinion on how the issuer's most material sustainability factors are addressed by the financing. An SPO provides a point-in-time opinion, reflecting the information provided to us at the time the SPO was created and published, and is not surveilled. We assume no obligation to update or supplement the SPO to reflect any facts or circumstances that may come to our attention in the future. An SPO is not a credit rating, and does not consider credit quality or factor into our credit ratings. See <a href="Analytical Approach: Second Party Opinions">Analytical Approach: Second Party Opinions</a>.

# **Second Party Opinion**

See Alignment Assessment for more detail.

# Castellum's Green Financing Framework

Aug. 22, 2025

Location: Sweden

Sector: Real estate

Alignment Summary

Aligned = ✓ Conceptually aligned = O Not aligned = ★

✓ Green Bond Principles, ICMA, 2025 (with June 2022 Appendix 1)

✓ Green Loan Principles, LMA/LSTA/APLMA, 2025

### Primary contact

Catherine Baddeley London +44 20 7176 0459 catherine.baddeley @spglobal.com



Activities that represent significant steps towards a low-carbon climate resilient future but will require further improvements to be long-term low-carbon climate resilient solutions.

Our <u>Shades of Green</u> <u>Analytical Approach</u> >

# Strengths Weaknesses Areas to watch

A well formulated sustainability strategy with a clear action plan to reduce greenhouse gas emissions across the value chain. Castellum targets net zero emissions across its value chain by 2040 and has identified key actions focused on its existing portfolio, project development, and tenants to help it achieve its targets. Castellum has also conducted a physical climate risk scenario analysis across its portfolio at the asset level, which S&P Global Ratings views as a strength.

and circular materials into its projects. Increasing the use of these materials will help Castellum manage its embodied emissions associated with new construction and renovation. We view it as especially positive that the company has incorporated clear circular economy criteria into its framework.

Castellum is working to incorporate reused

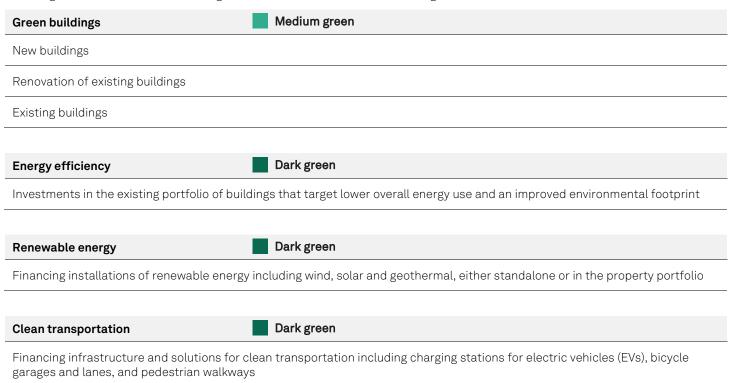
No weaknesses to report.

New construction that can be financed is associated with high emissions. Existing buildings will primarily be financed under the framework, and Castellum is introducing a cap on embodied emissions from 2026 as part of its eligibility criteria. However, the methodologies and knowledge needed to reduce such emissions are still evolving.

# Shades of Green Projects Assessment Summary

Over the three years following issuance of the financing, Castellum expects the vast majority of proceeds to be allocated to existing buildings. Furthermore, most proceeds will be allocated to refinancing projects.

Based on the project categories' Shades of Green detailed below, the expected allocation of proceeds, and the consideration of environmental ambitions reflected in Castellum's green financing framework, S&P Global Ratings assesses the framework as Medium green.



See Analysis Of Eligible Projects for more detail.

# **Issuer Sustainability Context**

This section provides an analysis of the issuer's sustainability management and the embeddedness of the financing framework within its overall strategy.

# **Company Description**

Castellum is one of the Nordic region's largest commercial property companies, headquartered in Sweden. Its business operations include property development, management, and acquisition, as well as the sale of commercial premises. At the end of 2024, the value of its property portfolio was approximately Swedish krona (SEK) 155 billion and the total leasable area was about 5.3 million square meters. Approximately 80% of the company's property holdings are in Sweden, while Finland and Denmark each account for 4%. 13% of the property holdings are held through its associated company Entra in Norway. Castellum's asset portfolio has tenants in various industries, with the office segment accounting for 60% of total portfolio value at the end of 2024, while public sector properties accounted for 17%, warehouse/light industry 14%, and retail 5%. About 4% of the portfolio value was attributable to land.

Castellum is listed on the Nasdaq Stockholm Large Cap and it has a diversified investor base. At the end of 2024, investors with the largest shareholding in the company were Akelius--through both Akelius Residential Property and Akelius Apartments--(13.5%), BlackRock (5.1%), and Gösta Welandson (4.0%). Akelius has since increased its stake in the company to over 25%.

# **Material Sustainability Factors**

#### Climate transition risk

Increased energy use in buildings has been a major contributor to climate change, representing about one-third of global greenhouse gas emissions on a final-energy-use basis, according to the International Energy Agency (IEA). Building occupiers and operators could face higher energy bills as power prices rise and higher capital expenditure because upgrades are required to accommodate the energy transition and meet more stringent efficiency standards. In addition, low-carbon properties can achieve higher cost efficiencies or attract premium rents, enhancing their value. Embodied emissions from building materials are a major source of emissions when looking at the carbon footprint of a building over its life cycle. We consider that Sweden has more advanced regulations on embodied emissions than most of its European peers.

### Physical climate risk

The geographically fixed nature of real estate assets exposes them to physical climate risks. While varying by location, these could include acute risks--such as wildfires, floods, and storms--which are becoming more frequent and severe, as well as chronic risks such as long-term changes in temperature and precipitation patterns and sea level rise. Acute and chronic risks could damage properties or place the health and safety of tenants at risk, as well as require investments to manage potential effects or, in severe cases, the relocation of tenants. While the aggregate impact is moderate--since the type, number, and magnitude of these risks vary by region--highly exposed regions may face material physical climate risks. Most owners have some insurance coverage, but it could become more difficult to secure insurance for the most exposed assets in the future without adaptation measures. For the Nordic building sector, the most severe physical impacts will likely come from increased flooding, snow loads, and urban overflow, as well as a higher incidence of storms and extreme weather.

### Customer health and safety

Properties can adversely affect tenant health and safety, especially office and residential properties since people spend most of their time indoors. Although the probability of major risks, such as a fire or the failure of a property's structural integrity, is low,

the impact could be significant, resulting in serious injury or death, and tends to be more severe in older properties and regions with less stringent safety codes. The long-term nature of leases, as well as the diversity of tenants and assets, can largely mitigate temporary disruptions in performance, in our view.

# **Issuer And Context Analysis**

The eligible project categories address climate transition risk and physical climate risk, which we consider to be the most material sustainability factors for Castellum. Investments in green buildings, energy efficiency, renewable energy, and clean transportation are important steps toward mitigating climate transition risk. In addition, physical climate risk is relevant in the context of the framework since the building sector is generally highly exposed to the impacts of climate change.

Castellum has a target of net zero emissions across its value chain by 2040. The target is more ambitious than Sweden's target of net zero greenhouse gas emissions by 2045, and it incorporates emissions across the value chain, including from tenant electricity use and embodied emissions. Although the company recently extended its timeline to achieve net zero from 2030 to 2040, we believe this new target is at least equally ambitious. The adjustment was made in response to an update of its Science Based Targets initiative (SBTi) targets, which recently strengthened its methodology for real estate companies to make new SBTi targets more robust. Castellum will reduce its emissions by 90% from a new baseline year of 2023, updated from 2017. Since Castellum has already made significant reductions since 2017, the overall reduction in emissions needed by 2030 remains similar.

To achieve its 2040 objective, Castellum has transition plans designed to achieve real reductions in emissions, approved by the board and executive management. These plans cover property management (focused on scope 1 and 2 emissions), project development (focused on scope 3 emissions), and the customer journey (which addresses scope 3 emissions). Furthermore, 27% of rental revenue in 2024 was covered by green leases and, from 2023, all new leases have been green leases, which enables Castellum to gain better access to environmental data and work more closely with its tenants to help them reduce their emissions.

Castellum has strict requirements for buildings' environmental performance. New office buildings in Sweden must receive at least Miljöbyggnad level gold, and new logistics properties are required to achieve Miljöbyggnad level silver or above. Outside Sweden, new projects must receive BREEAM excellent or LEED gold as a minimum. Castellum targets 75% of its total portfolio to be certified by 2030, up from 54% at the end of 2024. The company is committed to circular economy principles--its sustainability policy and code of conduct require the company to manage emissions from a life-cycle perspective and promote circular models. The company has a long-term objective for reused and renewable materials to be a significant element of all projects, although the definition of 'significant' is yet to be determined. We view it as positive that all of Castellum's new developments and renovations and refurbishments are already using some reused or circular materials, and when new materials are used, there are requirements that they will be reused when demolished. However, the development of low-carbon materials in the market is still in a nascent phase and the overall proportion of reused materials in Castellum's portfolio remains low.

The company has a clear process to identify physical climate risks and has identified low exposure across its portfolio. Castellum hired independent experts to conduct a climate risk assessment for its entire portfolio of properties. This assessment considered multiple forward-looking climate scenarios, including RCP 4.5 and RCP 8.5. Results showed that climate risks are likely to have a relatively low impact on Castellum's portfolio, with potential risks mainly relating to flooding. The assessment also showed that no properties are likely to be at risk of permanent flooding by 2100 and the main risks relate to temporary climate-related damage that could lead to a temporary loss of rental revenue, in addition to damage repairs. The company expects investments to support the resilience of its buildings to be in collaboration with local stakeholders.

# **Alignment Assessment**

This section provides an analysis of the framework's alignment to the Green Bond/Loan principles.

### Alignment Summary

Aligned = 🗸

Conceptually aligned = O

Not aligned = 🗶

- ✓ Green Bond Principles, ICMA, 2025 (with June 2022 Appendix 1)
- ✓ Green Loan Principles, LMA/LSTA/APLMA, 2025

# ✓ Use of proceeds

We assess all of the framework's green project categories as having a green shade, and the company commits to allocating an amount equivalent to the net proceeds issued under the framework exclusively to eligible green projects. Please refer to the Analysis Of Eligible Projects section for more information on our analysis of the environmental benefits of the expected use of proceeds. Castellum may carry out both financing and refinancing under the framework. Although the framework specifies a look-back period of three years for operating expenses, there will be no specific look-back period for assets and capital expenditure, which could limit the impact of projects financed. Instruments in scope include bonds and loans. Although the framework leaves the option to issue commercial papers (CPs) open for flexibility, Castellum does not expect to issue such instruments under the framework in practice.

# ✓ Process for project evaluation and selection

Castellum clearly identifies that the objective of each project category is climate change mitigation. Potential eligible green projects will be identified by the sustainability department, and the Green Business Council (GBC) will make decisions on which projects to finance. The GBC consists of members from the group finance department and sustainability department, and decisions are made in consensus. The projects are assessed for their environmental impact, including an analysis from a lifecycle perspective, analysis of resilience factors, and screening of environmental and social risks. All projects will need to comply with applicable national laws and regulations as well as Castellum's policies to be approved. To support the mitigation of environmental and social risks, the framework clearly outlines exclusionary criteria including fossil energy generation, nuclear energy, gambling, tobacco, and other activities.

# ✓ Management of proceeds

An amount equal to the net proceeds of any instrument will be tracked through a green register, kept by Castellum's finance department and managed through a portfolio approach. We understand that Castellum will not use the facility that includes non-green tranches. In case a project no longer meets the green criteria, it will be divested and an amount equal to the funds allocated towards will be re-credited to the green register. Unallocated funds will be managed by the finance department, and we view it as positive that funds will need to be invested or utilized according to Castellum's sustainability policy and the framework's exclusion criteria.

# ✓ Reporting

Castellum commits to reporting on the allocation of proceeds and the impact of the green financing instruments in an annual report on its website, for as long as green financing instruments are outstanding. For instruments other than bonds and commercial papers, Castellum may only report directly or non-directly to the relevant lenders. The report will, among other aspects, provide a brief description of projects, the amount allocated to each project category, and environmental and social impact indicators. We view as positive that the company aims to align its impact reporting with the International Capital Markets Association's (ICMA's) Harmonized Framework for Impact Reporting. Furthermore, an external party will check that an amount equal to the net proceeds has been allocated to eligible projects in line with Castellum's reporting. If Castellum issues CPs under the framework, it will report quarterly on the value of the green asset pool and the total amount of green finance instruments

outstanding, allowing investors to gauge the remaining headroom of green projects identified compared to the green proceeds raised.

# **Analysis Of Eligible Projects**

This section provides details of our analysis of eligible projects, based on their environmental benefits and risks, using the "Analytical Approach: Shades Of Green Assessments".

# Overall Shades of Green assessment

Based on the project category shades of green detailed below, the expected allocation of proceeds, and consideration of environmental ambitions reflected in Castellum's Green Financing Framework, we assess the framework Medium green.



Activities that represent significant steps towards a low-carbon climate resilient future but will require further improvements to be long-term low-carbon climate resilient solutions.

Our <u>Shades of Green</u> <u>Analytical Approach</u> >

## Green project categories

### Green buildings

## Assessment

Medium green

#### Description

New buildings (built after Dec. 31, 2020)

The building fulfils, or will after completion fulfil, the following criteria to be eligible:

### Energy use

- The primary energy demand (PED) of the building is at least 30% lower than the threshold set for nearly zero-energy building (NZEB) requirements in national measures.
  - o Since NZEB is not yet defined in Norway, this does not apply to Castellum's operations in the country. Instead, the PED for new buildings in Norway will be at least 30% lower than required by regional building regulations.

#### Environmental certification

- The building has (i) a design stage certification, (ii) a post-construction certification, or (iii) an in-use certification of:
  - o Miljöbyggnad Gold,
  - BREEAM Excellent,
  - o LEED Gold,
  - o NollCO2

- o NollCO<sub>2</sub> (NollCO<sub>2</sub> is used in conjunction with a broad base certification for sustainable buildings. Castellum will use NollCO<sub>2</sub> conjunction with Miljöbyggnad, BREEAM, or LEED), or
- o DGNB Silver.
- If the building is a logistics building it has (i) a design stage certification, (ii) a postconstruction certification, or (iii) an in-use certification of:
  - o Miljöbyggnad Silver,
  - o BREEAM Very Good,
  - o LEED Gold,
  - NollCO2, or
  - DGNB Silver.

### Physical climate risk

 The building has undergone a screening of material climate risks in accordance with the EU Taxonomy.

#### Additional criteria for buildings completed after Jan. 1, 2026

#### Embodied carbon

- The life-cycle global warming potential (GWP) of the building has been calculated and assessed in accordance with the NollCO<sub>2</sub> certification and allows for a maximum amount of embodied carbon of 300 kg of CO<sub>2</sub> per square meter of gross floor area.
  - o The NollCO<sub>2</sub> methodology includes the climate impact of additional building parts and provides a more complete climate impact calculation than the Swedish national regulations on climate declarations for buildings.

#### Renovation of an existing building

A renovated building that fulfils the criteria for existing buildings in this framework can be classified as an eligible green project as a whole. If the building, after a renovation, does not fulfil the criteria for an existing building in this framework, only the cost of the renovation measures can be financed.

The renovation fulfils the following criteria to be eligible:

#### Energy use

• An overall reduction in PED of at least 30% or the renovation meets the applicable requirements for major renovations.

#### Environmental certification

- The building has, or will after completion of the renovation receive (i) a design stage certification, (ii) a post-construction certification, or (iii) an in-use certification of:
  - o Miljöbyggnad Silver,
  - o BREEAM Very Good,
  - o LEED Gold.
  - o NollCO<sub>2</sub>, or
  - o DGNB Silver.

#### Embodied carbon

• The life cycle GWP of the renovation has been calculated.

#### Circularity

- The building has undergone Castellum's reuse hierarchy process:
  - o The process is designed to minimize waste through a structured approach to material preservation and reuse. It involves five steps: preserving materials on site; reusing them within the project; reusing them within the organization; reusing them through external entities; and managing any remaining waste. This methodology ensures that materials are used as efficiently as possible, with waste disposal being considered only as a last resort.

#### Physical climate risk

• The building has undergone a screening of material climate risks in accordance with the EU Taxonomy.

#### Existing buildings (built before Dec. 31, 2020)

The buildings must fulfil or will fulfil the following criteria to be eligible:

#### Energy use

- The building has an energy performance certificate demonstrating class A or is within the top 15 % of national or regional building stock, expressed as PED.
  - o The top 15% PED applicable under this framework will be updated continuously. Castellum will reference an external benchmark when determining the top 15%. Such a benchmark could be for example guidance by national governments or a specialist study.

#### Environmental certification

- The building has (i) a design stage certification, (ii) a post-construction certification, or (iii) an in-use certification of:
  - o Miljöbyggnad Silver,
  - o BREEAM Very Good,
  - o LEED Silver,
  - o NollCO<sub>2</sub>, or
  - o DGNB Silver.

#### Physical climate risk

 The building has undergone a screening of material climate risks in accordance with the EU Taxonomy.

#### **Analytical considerations**

- The IEA emphasizes that reaching net zero emissions in buildings demands major strides in energy efficiency and the fossil
  fuel phase-out. All properties must achieve high energy performance. New properties should also cut emissions from building
  materials and construction. Addressing physical climate risks is also key to strengthening climate resilience across all
  buildings.
- We assign a Medium green shade to all sub-categories included in this project category because we believe that Castellum's
  framework effectively addresses all environmental factors we consider material for existing buildings, renovation projects,
  and new developments. These factors are energy use, heating sources, embodied emissions, and physical climate risks. The
  company has also confirmed that buildings with direct fossil fuel heating will not be eligible for financing under this
  framework, except where renovations will result in a transition away from such energy sources.

#### Second Party Opinion: Castellum's Green Financing Framework

- Castellum expects to allocate the majority of proceeds to existing buildings. We view the ambition for existing buildings to be in the top 15% of the national or regional building stock in terms of energy performance as a strong commitment to the transition to a low-carbon society.
- Similarly, we consider the requirement for renovation projects to result in a 30% lower PED to be ambitious. We view positively that Castellum will implement its reuse hierarchy process in renovations, since this will reduce demand for virgin materials and consequently its exposure to life cycle and embodied emissions.
- The largest source of climate impacts for new construction projects is embodied emissions from materials used such as cement and steel. We view the threshold set forward in the framework as sufficiently ambitious to help reduce embodied emissions, therefore supporting the Medium green shade. The threshold in our view is more ambitious than what we have observed in the local market because it includes a larger share of building emissions than what is typically included, as indicated by the company's adoption of the NollCO<sub>2</sub> methodology. Although this maximum will be a requirement for buildings developed from 2026, Castellum has applied annual incremental reduction targets to its previous projects, which we see as having a similar level of ambition as the threshold in the framework. However, the knowledge and technologies required for zero-emission buildings are still evolving. The framework criteria also have ambitious requirements for the energy performance of new construction projects, which will need to have 30% lower PED than what is mandated by building regulations.
- We view positively that that Castellum will target Miljöbyggnad new construction gold for all new office projects (and silver for logistics). The latest version of the certification comprehensively addresses all key shade drivers for real estate, setting robust minimum requirements on energy, embodied emissions, and physical climate risks. The full list of eligible green building certifications in the framework may partly mitigate the climate and environmental impacts of buildings, namely energy efficiency, biodiversity, and waste and water management. The robustness and ambition of the certifications depend on the version used and the points obtained during the process. For example, a high share of its existing buildings are certified with in-use certifications from BREEAM and LEED, which do not always set ambitious energy efficiency criteria. Therefore, we view as positive that framework criteria for renovated and existing buildings have quantified thresholds.
- Given the fixed nature of buildings, improving their resilience to physical climate risk is crucial in the transition to a low-carbon real estate sector. All eligible projects and buildings have been screened for physical climate risks using relevant scenarios.
- Buildings may be constructed on both brownfield and greenfield land, although Castellum gives priority to the former.
   Beyond complying with regulatory requirements, the company has invested in a tool that it uses during the planning stage to record and improve the ecosystem services of the land on which it develops its properties. Examples of such measures include planting native species of trees as well as meadows and hedges. Nonetheless, any new construction activities on greenfield land constitute substantial biodiversity and land use change risks.

## **Energy efficiency**

#### **Assessment**

## Description



Upgrades to the existing portfolio of buildings that target a lower overall energy use and an improved environmental footprint. This could include, for instance, the installation of geothermal heating/cooling, energy-efficient lighting, IT technology (monitoring, efficiency management, and remote operation), energy-efficient windows, or an upgraded ventilation system. Only directly associated expenditure (e.g. materials, installation, and labor) is eligible for financing. Castellum will ascertain the following:

- High estimated energy savings in the targeted area (minimum 20%),
- Minimal long-term negative climate impact and potential rebound effects, and
- Minimal negative climate impact from the technology used.

#### **Analytical considerations**

• Improving the energy performance of buildings is important in the transition to a low-carbon future. According to the IEA's net zero pathway, energy efficiency and electrification are the main decarbonization levers for the building sector. All

#### Second Party Opinion: Castellum's Green Financing Framework

potential actions included in the description represent key actions and combined with the minimum 20% energy saving threshold, we assigned a Dark green shade.

- Projects eligible under this category will contribute to Castellum's ambitions to improve the energy performance of its properties by 2.5% annually, reduce energy consumption by 11% in 2025 compared to 2021, and progress on its long-term aim for every building to have annual energy performance lower than 50 kilowatt-hour per square meter.
- Technological equipment and energy-related infrastructure may be exposed to environmental risks in their supply chains.
   Castellum seeks to address this exposure through its supplier code of conduct and by its long-term ambition to screen major and critical suppliers for material business and sustainability risks. In addition, for issues such as circularity and waste management, the company sets specific requirements for its suppliers that align with the objectives in its sustainability policy.

#### Renewable energy

#### **Assessment**

#### Description



Installation of renewable sources of energy including wind power, solar power, or geothermal energy (ground and surface systems connected to buildings), either as standalone installations or in the property portfolio.

### **Analytical considerations**

- Renewable energy sources such as solar, wind, and geothermal, when local environmental impacts are adequately addressed, are key elements in limiting global warming to below 2 degrees Celsius.
- Investments in renewable energy support a reduction in greenhouse gas emissions from Castellum's properties and are shaded Dark green. At the same time, most of the renewable projects Castellum finances are linked to individual buildings or assets, and the proceeds allocation to renewable energy projects under the framework is expected to be minor.
- Although Castellum does not currently have plans to increase investments in energy storage, these could be financed under the framework in the future. Investments in storage help to bolster efficiency by storing renewable energy surplus. Investments could be in local energy storage units for individual properties or to support grids. However, batteries are subject to supply chain risks, namely from the extraction of minerals such as lithium and cobalt. If the company invests in major battery installations, they will consider options for screening for risks in the supply chain.
- We view as positive that Castellum has a screening process for its solar investments that includes screening of suppliers
  and a life cycle analysis that covers production, transportation, and the length of time solar panels have to be in use
  before they become climate positive.
- Renewable energy projects, such as wind and solar, can have a negative impact on local biodiversity. However, given the relatively small-scale nature of projects financed under this category, the biodiversity impact is expected to be limited.

#### Clean transportation

#### Assessment

#### Description

Dark green

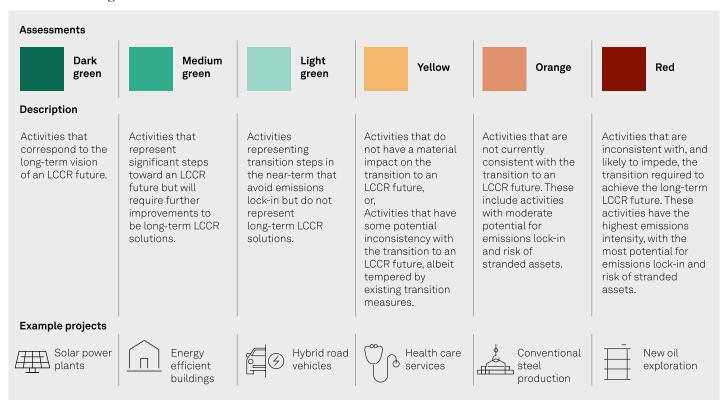
Financing of supportive infrastructure and solutions for clean transportation such as:

- Charging stations for EVs
- Bicycle garages
- Pedestrian walkways
- Bicycle lanes.

#### **Analytical considerations**

- Mitigating greenhouse gas emissions from transportation will be crucial to meet global decarbonization goals, as the
  transport sector accounts for 23% of global energy-related greenhouse gas emissions, according to the Intergovernmental
  Panel on Climate Change. Fossil fuel-powered vehicles and vessels also create air pollution, such as nitrogen oxides and
  sulfur oxides.
- Although there are currently no planned investments in this category, potential future investments will support the decarbonization of road transportation and are shaded Dark green. Fully EVs are essential for the transport industry's shift toward a low-carbon future in line with Paris Agreement goals. Charging stations in workplaces promote an uptake in EVs by providing efficient and timely charging opportunities. As such, increasing the amount of EV charging stations enhances accessibility and encourages more people to consider switching to EVs. Meanwhile, pedestrian walkways, bicycle storage, and bicycle lanes promote an alternative form of transport that avoids personal car use entirely.
- Life-cycle savings from EVs depend on the energy mix of the grid that powers them. Sweden is well positioned in this regard, as its electricity production is predominantly from renewable sources, resulting in a low grid emission factor. Furthermore, Castellum has agreements with selected suppliers that meet their sustainability requirements for charging stations. This supports the company's ambition to reduce its greenhouse gas emissions across the value chain.

#### S&P Global Ratings' Shades of Green



Note: For us to consider use of proceeds aligned with ICMA Principles for a green project, we require project categories directly funded by the financing to be assigned one of the three green Shades.

LCCR--Low-carbon climate resilient. An LCCR future is a future aligned with the Paris Agreement; where the global average temperature increase is held below 2 degrees Celsius, with efforts to limit it to 1.5 C degrees Celsius above pre-industrial levels, while building resilience to the adverse impact of climate change and achieving sustainable outcomes across both climate and non-climate environmental objectives. Long term and near term--For the purpose of this analysis, we consider the long term to be beyond the middle of the 21st century and the near term to be within the next decade. Emissions lock-in--Where an activity delays or prevents the transition to low-carbon alternatives by perpetuating assets or processes (often fossil fuel use and its corresponding greenhouse gas emissions) that are not aligned with, or cannot adapt to, an LCCR future. Stranded assets--Assets that have suffered from unanticipated or premature write-downs, devaluations, or conversion to liabilities (as defined by the University of Oxford).

# Mapping To The U.N.'s Sustainable **Development Goals**

Where the financing documentation references the Sustainable Development Goals (SDGs), we consider which SDGs it contributes to. We compare the activities funded by the financing to the ICMA SDG mapping and outline the intended linkages within our SPO analysis. Our assessment of SDG mapping does not affect our alignment opinion.

This framework intends to contribute to the following SDGs:

### Use of proceeds

#### **SDGs**

Green buildings









7. Affordable and clean energy

11. Sustainable cities and communities\*

12. Responsible consumption and production

13. Climate action

Energy efficiency







7. Affordable and clean energy\*

11. Sustainable cities and communities

13. Climate action

Renewable energy





clean energy\*

7. Affordable and 13. Climate action

Clean transportation





11. Sustainable cities and communities\*

13. Climate action

\*The eligible project categories link to these SDGs in the ICMA mapping.

# **Related Research**

- Analytical Approach: Second Party Opinions, March 6, 2025
- FAQ: Applying Our Integrated Analytical Approach For Second Party Opinions, March 6, 2025
- Analytical Approach: Shades Of Green Assessments, July 27, 2023
- S&P Global Ratings ESG Materiality Maps: Real Estate, July 20, 2022

# **Analytical Contacts**

#### Primary contacts

#### Catherine Baddeley

London +44 20 7176 0459 catherine.baddeley @spglobal.com

#### Sofia Singh digpaul

London +44 20 7176 6750 sofia.singh.digpaul @spglobal.com

#### Secondary contacts

#### Maria Knudsen

Oslo +47 9414 3562 maria.knudsen @spglobal.com

#### Irina Velieva

Stockholm +46 70 957 0731 irina.velieva @spglobal.com

#### Second Party Opinion: Castellum's Green Financing Framework

Standard & Poor's Financial Services LLC or its affiliates (collectively, S&P) receives compensation for the provision of the Second Party Opinions product and the European Green Bond External Review product (separately and collectively, Product).

S&P may also receive compensation for rating the transactions covered by the Product or for rating the issuer of the transactions covered by the Product.

The purchaser of the Product may be the issuer.

The Product is not a credit rating, and does not consider credit quality or factor into our credit ratings. The Product does not consider, state or imply the likelihood of completion of any projects covered by a given financing, or the completion of a proposed financing. The Product is a statement of opinion and is neither a verification nor a certification. The Product is a point in time evaluation reflecting the information provided to us at the time that the Product was created and published, and is not surveilled. The Product is not a research report and is not intended as such. S&P's credit ratings, opinions, analyses, rating acknowledgment decisions, any views reflected in the Product and the output of the Product are not investment advice, recommendations regarding credit decisions, recommendations to purchase, hold, or sell any securities or to make any investment decisions, an offer to buy or sell or the solicitation of an offer to buy or sell any security, endorsements of the suitability of any security, endorsements of the accuracy of any data or conclusions provided in the Product, or independent verification of any information relied upon in the credit rating process. The Product and any associated presentations do not take into account any user's financial objectives, financial situation, needs or means, and should not be relied upon by users for making any investment decisions. The output of the Product is not a substitute for a user's independent judgment and expertise. The output of the Product is not professional financial, tax or legal advice, and users should obtain independent, professional advice as it is determined necessary by users.

While S&P has obtained information from sources it believes to be reliable, S&P does not perform an audit and undertakes no duty of due diligence or independent verification of any information it receives.

S&P and any third-party providers, as well as their directors, officers, shareholders, employees, or agents (collectively S&P Parties) do not guarantee the accuracy, completeness, timeliness, or availability of the Product. S&P Parties are not responsible for any errors or omissions (negligent or otherwise), regardless of the cause, for reliance of use of information in the Product, or for the security or maintenance of any information transmitted via the Internet, or for the accuracy of the information in the Product. The Product is provided on an "AS IS" basis. S&P PARTIES MAKE NO REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, INCLUDED BUT NOT LIMITED TO, THE ACCURACY, RESULTS, TIMELINESS, COMPLETENESS, MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE WITH RESPECT TO THE PRODUCT, OR FOR THE SECURITY OF THE WEBSITE FROM WHICH THE PRODUCT IS ACCESSED. S&P Parties have no responsibility to maintain or update the Product or to supply any corrections, updates, or releases in connection therewith. S&P Parties have no liability for the accuracy, timeliness, reliability, performance, continued availability, completeness or delays, omissions, or interruptions in the delivery of the Product.

To the extent permitted by law, in no event shall the S&P Parties be liable to any party for any direct, indirect, incidental, exemplary, compensatory, punitive, special or consequential damages, costs, expenses, legal fees, or losses (including, without limitation, lost income or lost profits and opportunity costs or losses caused by negligence, loss of data, cost of substitute materials, cost of capital, or claims of any third party) in connection with any use of the Product even if advised of the possibility of such damages.

Some of the Product may have been created with the assistance of an artificial intelligence (AI) tool. Published Products created or processed using AI is composed, reviewed, edited, and approved by S&P personnel.

S&P maintains a separation between commercial and analytic activities. S&P keeps certain activities of its business units separate from each other in order to preserve the independence and objectivity of their respective activities. As a result, certain business units of S&P may have information that is not available to other S&P business units. S&P has established policies and procedures to maintain the confidentiality of certain nonpublic information received in connection with each analytical process.

For PRC only: Any "Second Party Opinions" or "assessment" assigned by S&P Global Ratings: (a) does not constitute a credit rating, rating, sustainable financing framework verification, assessment, certification or evaluation as required under any relevant PRC laws or regulations, and (b) cannot be included in any offering memorandum, circular, prospectus, registration documents or any other document submitted to PRC authorities or to otherwise satisfy any PRC regulatory purposes; and (c) is not intended for use within the PRC for any purpose which is not permitted under relevant PRC laws or regulations. For the purpose of this section, "PRC" refers to the mainland of the People's Republic of China, excluding Hong Kong, Macau and Taiwan.

For India only: Any "Second Party Opinions" or "assessments" assigned by S&P Global Ratings to issuers or securities listed in the Indian securities market are not intended to be and shall not be relied upon or used by any users located in India.

Australia: S&P Global Ratings Australia Pty Ltd provides Second Party Opinions in Australia subject to the conditions of the ASIC SPO Class No Action Letter dated June 14, 2024. Accordingly, this Second Party Opinion and related research are not intended for and must not be distributed to any person in Australia other than a wholesale client (as defined in Chapter 7 of the Corporations Act).

Copyright © 2025 by Standard & Poor's Financial Services LLC. All rights reserved.