

ASML

Green Bond Impact Report 2022

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Impact Report as per 31 December 2022

ICMA Green Bond Principles Category	Volume (€ M)	Share of total financing	Eligibility for Green Financing	BREEAM level of certification by property	Energy label of certification by property	Estimated annual GHG emissions reduced / avoided (tCO2eq per annum)**	Estimated annual energy savings (MWh per annum)	Estimated ex-ante annual energy consumption (KWh/m2)
(a)	(b)	(c)	(d)	(e)	(e)	(e)	(e)	(e)
Green Buildings								
BREEAM certified buildings	413	96%	100%	Excellent	A+++	376	0	54
EPC label ≥ A	18	4%	100%	-	A+	298	537	162
Total portfolio of Eligible Green Projects*	431					674	537	

* All buildings currently in the portfolio are located in Veldhoven, the Netherlands

** Avoided CO2 emissions are calculated on the basis of newly built 106,000 m2 of office and logistic space in Veldhoven, comparing the energy consumption of these buildings per m2 with that of the average Dutch office building in 2020/2021, and improved 16,152 m2 of office space in Veldhoven (built before 31 December 2020 with EPC label ≥ A) with that of the average Dutch office building in 2020/21 (with Minimum energy label C). For the CO2 calculation of electricity (kg CO2/kWh) the emission factors from www.co2emissiefactoren.nl have been applied. (CO2 factor used - 0.556kg/kWh).

- (a) Eligible category
- (b) Amount committed by the issuer for the portfolio or portfolio components eligible for Green Funding
- (c) This is the share of the total portfolio per Eligible Green Project Category
- (d) This is the share of the total portfolio that is Green eligible
- (e) Impact indicators

www.co2emissiefactoren.nl/wp-content/uploads/2021/01/CO2emissiefactoren-2020.pdf

Sustainable certification for ASML buildings in the Netherlands

ASML aims to be a leader in sustainability, and to continue driving progress toward inclusive and sustainable growth for all. We want to contribute to expanding computing power but with minimal waste, energy use and emissions. That's why we focus on energy efficiency, climate action and circular economy.

As the world continues to increase its dependence on technology to solve some of its most pressing challenges, our role is to help make this happen by expanding the availability of the necessary computing power. Our ambition is to achieve carbon neutrality with net zero emissions in our operations (scope 1 and 2) by 2025. Our aim to achieve net zero emissions in our supply chain (scope 3) by 2030, and net zero emissions from the use of products by our customers (scope 3) by 2040. In addition, our goal is to have zero waste from operations to landfill or incineration by 2030.



Our new sustainable buildings in the Netherlands certified

ASML is continuing to grow. As more buildings are constructed to house our expanding workforce, ASML wants to make sure that these buildings across the globe are sustainably built to improve energy efficiency, reuse materials, reduce waste, promote biodiversity and ensure that spaces are focused on employee well-being. The BREEAM (Building Research Establishment Environmental Assessment Method) assesses the integral sustainability of

the new buildings which helps us ensure our new office and logistics buildings meet or exceed recommended standards.

Our new warehouse and logistic center (building 5L) and our new office buildings (3 and 6KLM) on our Veldhoven Campus have recently achieved the 'BREEAM Excellent' level. These three buildings have been taken into the allocation portfolio. With this methodology, ASML ensures that the construction and design of new (mainly office) buildings are tailored in such a way that they are ahead of environmental legislation and regional building code.



Achieving BREEAM Excellent level – some highlights

The BREEAM certification method assesses the sustainability of buildings based on ten categories: Energy, Health & Wellbeing, Innovation, Land Use, Materials, Management, Pollution, Transport, Waste, Water.

Some interesting facts that helped achieve the overall BREEAM Excellent level

- All three new buildings have green roof tops which – with the present plants, moss, insects and bee houses and bird boxes - help improve bio-diversity
- Building 3 collects rainwater in a retention roof, which helps gradually drain the water ensuring a better flow in times of heavy rainfall. In Buildings 5L and 6KLM water buffer cellars collect the rainwater
- In all three new buildings, smart sensors measure the temperature, control the lighting and control the blinds in buildings. This helps regulate the indoor climate and lower energy consumption.
- In total, the three buildings are equipped with 2.719 solar panels.
- Daylight and controlled lighting prevents unnecessary warming and energy loss
- Renewable electricity supplies the entire business complex with electricity
- The energy performance in the three new buildings is on average 30% higher than the requirements of the building regulations.

* Calculation based on CBS Netherlands data

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