

GREEN BOND REPORT





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1. Introduction

Global Switch is one of the world’s leading large-scale carrier and cloud-neutral, multi-customer data centre owner, operator and developers. Our 13 world class data centres, with a total of around 428,000 square metres of gross floor area, are located exclusively in super prime positions in the Tier 1 markets of Europe and Asia-Pacific, and provide reliability, security and flexibility in highly secure and resilient environments, operating to Tier III plus standards.

Our aim is to continue growing our position as one of the leading providers of strategically located data centres and to do so in a sustainable way. As a company, we are committed to continually increasing energy efficiency, reducing carbon emissions, and providing green energy solutions. We have set a target for Scope 2 carbon neutrality across our portfolio through the purchase of 100% renewable energy by 2030. We are also committed to implementing best practices in our corporate and social responsibilities and to positively impact the communities in which we operate.

Global Switch released its [Green Bond Framework](#) raising €700 million with its inaugural Green Bond issuance in October 2020. The proceeds of the Bond have helped us to continue to reduce our energy intensity and our environmental footprint by financing new data centres, re-developing existing ones and completing upgrade programmes across our campuses.

2. Qualifying Project Assessment

Global Switch’s Green Bond Committee comprises representatives from our C-suite, together with members of our Finance, Treasury, Project Delivery and Design teams. In accordance with our Green Bond Framework, investments were evaluated to identify Eligible Green Projects and their associated expenditure. Proceeds were allocated against qualifying projects.

3. Allocation Report

Global Switch’s management has identified a number of Eligible Green Projects in respect of which expenditure was incurred in the relevant allocation period. Further details of these projects can be found in Section 6. The net proceeds have been allocated to the eligible projects in accordance with that Framework.

Net proceeds from issuance of Global Switch Finance BV 1.375% Notes due 2030 €693m

Category	Project Name	Total eligible spend (€m)
Green Buildings	Hong Kong	576
	Singapore Woodlands	144
	Frankfurt North	100
	Amsterdam East	17
	London North	28

Total qualifying spend: **€865 m**

Percentage of green funds allocated	100%
Eligible green project portfolio – excess unallocated spend	€172m
Oldest project refinanced	2018



4. Impact Reporting

As set out in the Green Bond Framework, Global Switch will seek to develop reporting on the impact of the portfolio. Impact reporting is currently being developed as part of Global Switch's ESG reporting on the whole of its business, and not just those projects financed by its Green Bond. This reporting is expected to be published during 2022 and has not therefore been included in this report.

5. External Review

Sustainalytics, who provided the Second Party Opinion on Global Switch's Green Bond Framework, has performed an Annual Review on this Use of Proceeds Statement. Their report is available [here](#).

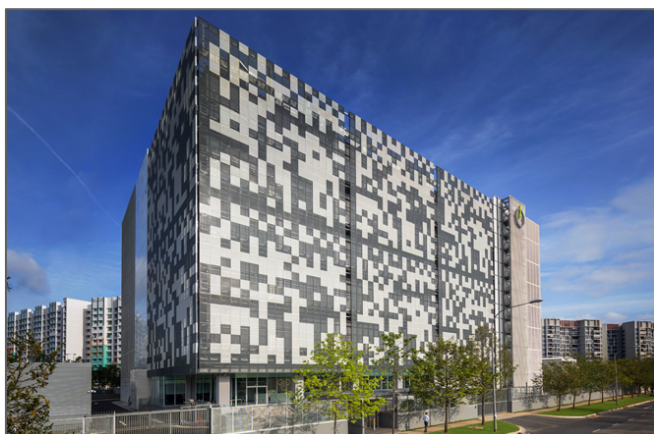
6. Data Centre Projects



Global Switch Hong Kong

- **70,000 sq m** gross space over five buildings.
- **100MVA** utility power supply capacity.

- Located near the Hong Kong Stock Exchange and HSBC primary data centres with easy connectivity to Hong Kong's main business districts, and adjacent to the Tseung Kwan O Cable Landing Station as well as close to other submarine cable landing stations.
- 1,500W/m² to 2,000W/m² power density.
- Rich connectivity in the region and provides access to a multitude of international and local Tier 1 and Tier 2 carriers.
- Low latency ideally suited for major cloud installations.
- Designed for energy efficiency.
- Designed to achieve Leadership in Energy and Environmental Design (LEED) Platinum and Hong Kong Green Building Council's BEAM Plus Gold rating with an independently verified annualised design Power Usage Effectiveness (PUE) of less than 1.3 across the entire facility.
- Certified to ISO 9001, 14001, 27001, 45001 and 50001.
- Buildings 1 and 2 completed in 2017, Building 3 in 2019 and Buildings 4 and 5 in 2020.



Global Switch Singapore Woodlands

- **25,157 sq m** gross floor area over six floors
- **30MVA** utility power supply capacity

- Global Switch’s second data centre in Singapore, strategically located in Woodlands, to the north of the Island physically distanced from Global Switch Tai Seng and other data centres.
- 1,500W/m² to 2,000W/m² power density.
- Multiple connectivity options to connect with the dense ecosystem operating from within Global Switch Tai Seng, established as the region’s premier global connectivity hub including access to the Singapore Internet Exchange.
- Designed for energy efficiency.
- LEED Gold and BCA Greenmark Platinum certified with an independently verified design PUE of 1.34 at full load.
- Flexible approach - design can be tailored to suit customer requirements.
- Certified to ISO 9001, 14001, 27001, 45001 and 50001.
- Data centre operational late 2018.



Global Switch Frankfurt North

- **11,862 sq m** of gross floor area over three levels of technical space with a plant basement
- **14MVA** utility power supply capacity

- Global Switch’s second data centre in Frankfurt, located on the existing Global Switch Frankfurt campus, close to the financial district and city centre.
- 1,500W/m² to 2,000W/m² power density.
- Multiple connectivity options to connect with the dense ecosystem operating from within Global Switch Frankfurt South including access to DE-CIX, the world’s largest independent interconnection eco system.
- Designed for energy efficiency.
- Achieved Building Research Establishment Environmental Assessment Method (BREEAM) ‘Very Good’ rating with a performance validated PUE of 1.1 at full load.
- Flexible approach - design can be tailored to suit customer requirements.
- Certified to ISO 9001, 14001, 27001, 45001 and 50001.
- Data centre launched Q4 2019.



Global Switch Amsterdam East

- Will add a further **32,000 sq m** of gross space to the campus
- **40MVA** additional connected utility power supply capacity to take the total to 72MVA

- Global Switch’s second data centre in Amsterdam, located on the existing Global Switch Amsterdam campus in the Slotervaart/Overtoomseveld district, adjacent to the main Dutch cable infrastructure.
- 1,500W/m² to 2,000W/m² power density.
- Multiple connectivity options to connect with the dense ecosystem already operating from within Global Switch’s Amsterdam West data centre, including access to peering platforms AMS-IX and NL-IX for direct access to the global IP backbone.
- Designed for energy efficiency.
- Targeting a BREEAM Very Good rating and an annualised design PUE of less than 1.2.
- A scalable approach where the design can be tailored to suit customer needs.
- Certified to ISO 9001, 14001, 27001, 45001 and 50001.
- Stage 1 under construction with subsequent stages coming onto the market progressively.



Global Switch London North

- **23,439 sq m** (252,295 sq ft) of gross space
- **13MVA** utility power supply capacity, with a further 14MVA planned

- Situated on the London data centre campus adjacent to London East, in London Docklands one of the world’s most network dense locations.
- Undergoing a multiphase redevelopment to improve energy efficiency and increase power density to 2,000 W/m², as well as incorporate a new reception area benefiting from enhanced security features and an improved Meet Me Room.
- Serviced by multiple telecom exchanges and a dense carrier presence providing exceptional connectivity including direct access to two major subsea cables (Atlantic Crossing 1 and the West African Cable System).
- Stage 1 has dedicated cooling systems with a performance validated PUE of less than 1.3 by using latest technologies to maximise energy efficiency.
- Certified to ISO 9001, 14001, 27001, 45001 and 50001.
- Stage 1 of power densification completed 2021.
- Further Stages to come onto the market progressively.