

The Netherlands Collection Centre (CC NL)

Amersfoort

Client	Rijksmuseum, acting on behalf of its partners the Holland Open Air Museum, Paleis Het Loo and the Cultural Heritage Agency of the Netherlands
Client representation, contract, project and construction management	ToornendPartners, Haarlem
Design Team	ABT, Architectenbureau cepezed, Peutz, Ruijzenaars Landscapes, Valstar Simonis
Construction Team	G&S Bouw/Visser & Smit, ULC Installatiegroep, Bectro Installatietechniek, Kropman Installatietechniek, Aalbers Wico Defence & Security
Sustainability certificate	BREEAM Outstanding (☆☆☆☆☆ - 90,62% score Design Stage)

The Rijksmuseum, the Holland Open Air Museum, Paleis Het Loo and the Cultural Heritage Agency of the Netherlands joined forces to develop a shared sustainable storage facility to house the state art and heritage collections they manage. This new facility (31.000 m² GFA) will allow them to collaborate on matters of collection management, conservation and research. Based on a traditional building contract, construction on the Netherlands Collection Centre (CollectieCentrum Nederland, or CC NL) started in 2018 and will be completed in 2020. The building comprises of storage spaces, offices, two multidisciplinary studios for restoration, art historical research and the technical analysis of materials, and other facilities.

The high sustainability level aimed for in operations is the main driver in the building development: from the brief to the construction phase sustainability takes centre stage. The storage of the collections demands specific conditions that are often achieved by installations with high energy consumption. For CC NL the building itself is to create the conditions necessary. The substantial energy-use reduction results from the latest insights on temperature and relative humidity, using bandwidths that are wider than are considered the 'standard'. The ground level floor is not insulated, making passive use of the underlying layers of earth for the climate. The building will be heated using water pumps, supplemented by electric boilers and will be fully powered by PV panels, making it energy neutral. Having obtained exemplary and also maximum scores on credits, the client shall follow through on the BREEAM Outstanding certificate, with BREEAM In-Use certification, thus embedding sustainability in the future day-to-day operations.

Joining the project in the earliest stages co-developing the building brief and the Business Case, ToornendPartners have continued working for the Rijksmuseum and their partners providing a full range of client representation, consultancy, procurement, contract and project management services. The support provided enables the Rijksmuseum and their partners to fulfil their role as principal, ensuring full ownership of the development process and of the building.



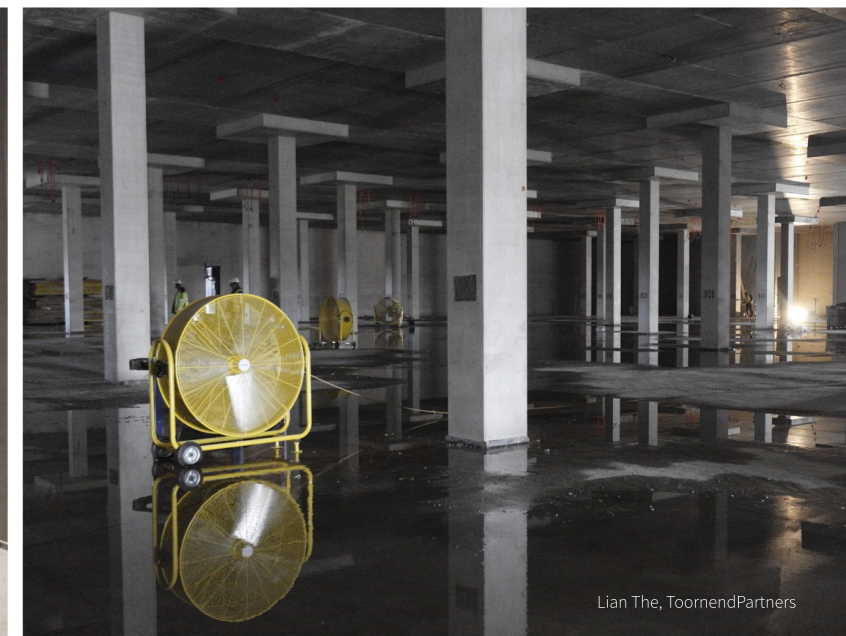
Render: Rijksmuseum



Chris Langemeijer, Rijksmuseum



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