During the transformation of Binck Eiland, special attention is paid to the sustainable nature of the new residential, working and living environment. Recycled materials, gas-free homes and shared mobility are just a few examples of the initiatives we are taking to prepare every part of Binck Eiland for a sustainable, liveable future.

**Gas**
More than 150 homes will be delivered without a gas connection. These are the homes at Binck Plaats and in Binck Kade. The apartments in the De Binck transformation project will be equipped with a gas connection. Each home will be equipped with a heat pump for heating and hot water.

**Mobility**
A system with shared electric cars will be implemented on Binck Eiland. It is one of the facilities that will be managed by the Association of Owners. The cars can be reserved and unlocked using a special pass. This reduces the parking pressure in the neighbourhood and ensures you drive sustainably and energy efficiently!

**Reuse of Materials**
The quality of the current buildings on the location is so good that we can leave as much as 95% of the existing construction of De Binck (the main building) intact in the transformation from office building to comfortable residential building. To make room for Binck Plaats with 46 town houses, the underlying SDU printing hall will be completely disassembled and rebuilt elsewhere. We will use the concrete floor that becomes vacant as a result as a foundation and floor for the underground car park.

We will ensure that recycled and upcycled materials are used in the public area to the extent possible. The quay wall along the Trekvliet canal will also be left intact and integrated into the design of the streets and squares.

**Public Green Space**
The entire island of Binck Eiland will have a green character; in total, more than 6,350 m² of green space will be developed. The reason therefore is not only to make the neighbourhood look friendly to the residents. The trees and greenery improve the absorption and management of the rainwater. It also creates areas with a high proportion of trees, which reduces the summer temperature to a pleasant level. The trees also convert more CO₂ into oxygen, thus making the environment cleaner.
De Binck
In the transformation of the De Binck office building, we are replacing a large part of the windows and façade cladding, creating an optimally insulating shell. In addition, some 140 m² of solar panels will be installed on the roof, which can be used for the energy demand of the general areas (lighting, lift use). These measures ensure that the apartments and penthouses in De Binck will obtain an energy label A on average.

Newly built homes
Solar panels will be installed on the roofs of Binck Plaats and Binck Kade. Heating and domestic hot water are provided by a heat pump, which is connected to a geothermal heating system. The apartments are comfortably equipped with energy-efficient low-temperature underfloor heating, which can also be used as cooling in the summer. This will ensure you always have a constant pleasant temperature in a sustainable manner. The ventilation of the homes is provided by a balanced ventilation system with heat recovery. This means that hardly any heat is lost during ventilation. The windows are fitted with extremely insulating triple glazing.

Binck Kade
The walls of the buildings will be provided with greenery and, if possible, the roofs will be moss-covered. This will considerably reduce the temperatures inside the buildings on hot days. On cold days, the greenery actually serves as an insulating energy-saving blanket. Thanks to all these measures, the residential buildings along the Trekvliet will have an EPC <0.2 and thus amply meet the energy standard set by the government for such buildings as of 2020.

Binck Plaats
Due to the above measures, all Binck Plaats homes are energy-neutral (EPC 0.0). For some homes it is even possible (optionally) to have the house equipped with zero-on-the-meter facilities.