

# Building new perspectives

Campus under Construction III  
2017-2020



# Foreword

**Our 2010 decision regarding the masterplan for the campus had a clear goal: to create a stimulating environment and a contemporary and attractive place in which students can live, study and relax. A pleasant space for employees to work and cooperate and one that surprises visitors. An environment on a par with other international campuses; a lively, sustainable and attractive place.**

We realised a large proportion of our ambitions in the previous Campus under Construction phases: more facilities and modern study and working environments, accommodation services and an attractive green environment, a semi-sunken parking provision and a centrally-located plaza as focal point of the campus's bustling heart. The Polak building and the renovated university library are of great benefit to the study environment and employees have been relocated, where they now cooperate in modern and flexible environments.

We are thus well on the way to the campus we had in mind. A third programme is needed to actually achieve what we devised in the masterplan: a campus with international appeal that is green and offers space for sports and relaxation, as well as an urban environment with a variety of meeting places and provisions. A campus that enables us to realise our educational vision: using problem-oriented education, studying in a way that matches student needs and offering a challenging environment.





Like the previous Campus under Construction programmes, this third programme was realised following a careful process of decision-making within our organisation. We examined the development of student numbers, the requirement for works such as updating systems, our sustainability ambitions and what we still need to make the campus a truly activating and inspiring place.

In this booklet you can read how we aim to realise our campus ambitions in the 2017-2020 period. We are convinced that the CuCIII programme will offer a huge contribution to the campus' study, work and living environment and, in doing so, achieve our ambitions for this university.

*Eddy Hus, member of the Executive Board a.i.*



## Campus under Construction Programme

# A lively campus with international appeal

Our scientists and students work to solve global issues, with Rotterdam as their dynamic knowledge workplace. Erasmus University Rotterdam's (EUR) reputation throughout the world is outstanding, which results in a year-on-year increase in the university's appeal among international students. The 2017 campus has proven to be an important factor in this. Employees and visitors also experience and appreciate the improvements.

An attractive campus stimulates students and employees to get the best out of themselves, meet each other and work together, and ensures that they want to stay. The first two Campus under

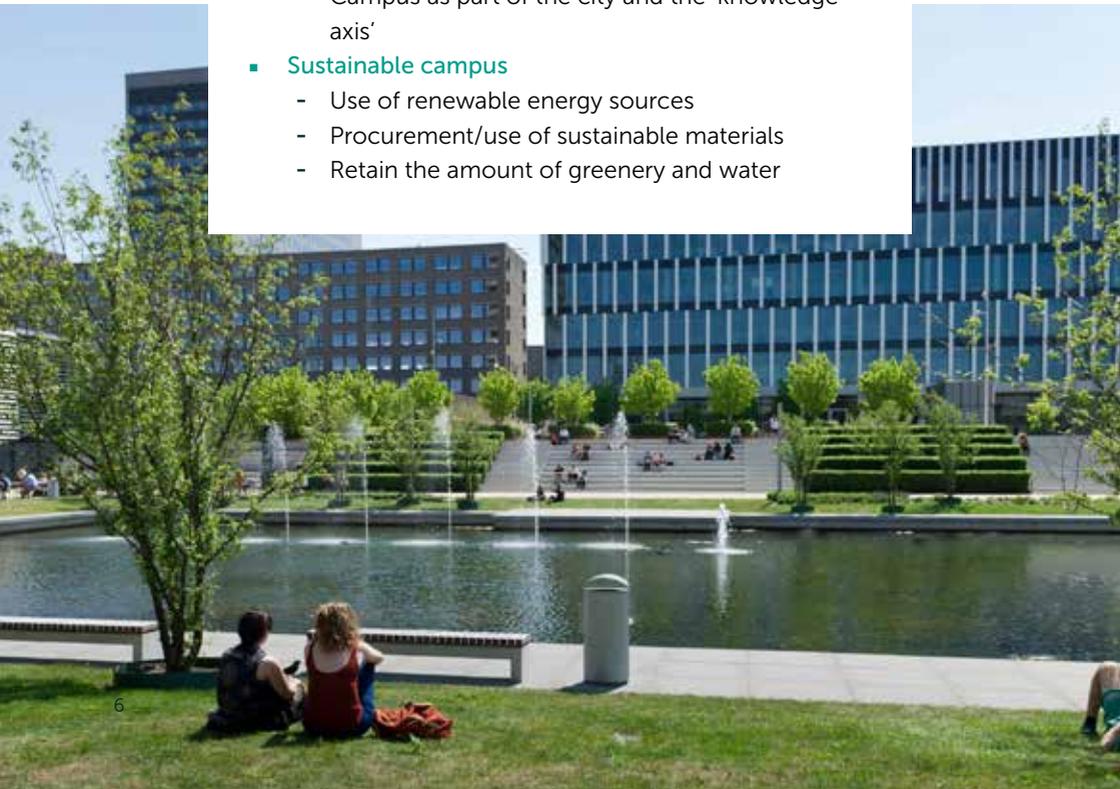


Construction phases have already given a major boost to this. With a clear floor plan, beautiful new and renovated buildings and great places to study, work and meet each other, the campus has been given an entirely new look and feel.

The building programme, which started in 2010, will enter its third phase in 2017 (CuCIII).

## The masterplan – the ambitions

- **A stimulating learning and working environment**
  - Modern educational facilities, study places and conferencing facilities
  - Sufficient high-quality office services that invite collaboration
  - Meeting places within and outside the buildings
  - Facilities for sport, recreation, retail and culture
  - Student housing
  - Venues for festivities/events
- **International look**
  - Attractive and recognisable entrances
  - Attractive public areas with lots of greenery and few cars
  - Appeal-enhancing elements
- **Closely connected to the city**
  - Good and safe connections for cars, bicycles and public transport
  - Open campus, accessible 24/7
  - Campus as part of the city and the 'knowledge axis'
- **Sustainable campus**
  - Use of renewable energy sources
  - Procurement/use of sustainable materials
  - Retain the amount of greenery and water





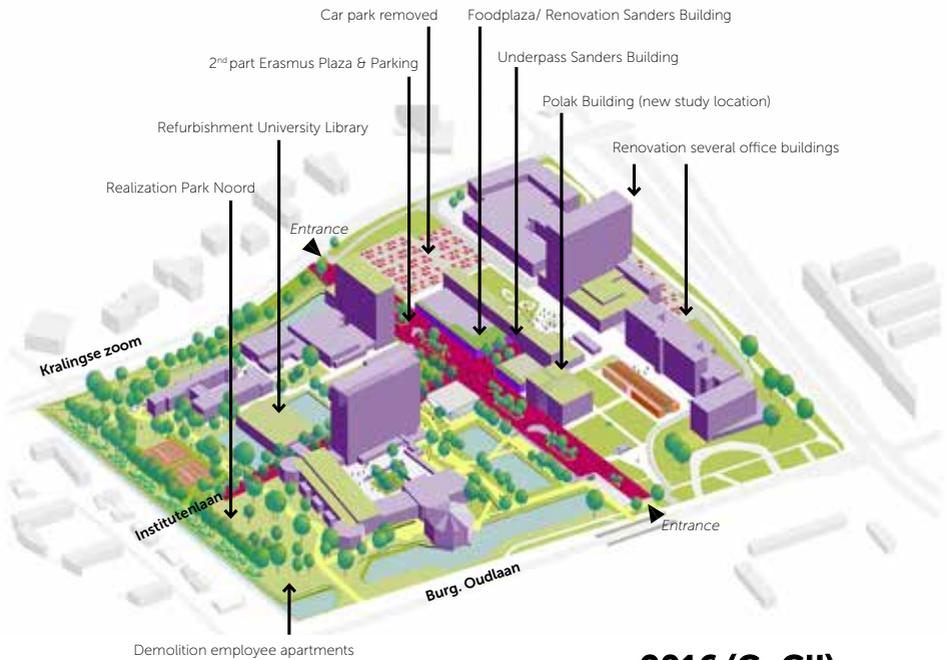


# Campus under Construction I and II Results

Between 2010 and 2016 we worked to realise a clear layout with a straightforward axes structure, new and modern study spaces, flexible office buildings and a sustainable campus.

## **CuCI 2010 - 2013**

In this period the campus was completely updated and the foundation was laid for later renovations. Two clear axes were introduced. An attractive campus heart was created at the intersection of the axes, with a grand café, theatre, food plaza, student accommodation, a pond and greenery.



## 2016 (CuCII)

### CuCII 2013 - 2016

In this phase projects were implemented that focused on fulfilling education and research requirements. More facilities for students were also realised: small-scale educational areas, study places, a modern library, shopping and catering establishments, a bicycle repair shop and a park. Erasmus Plaza and the new multi-storey car park were completed and various office buildings were renovated to satisfy new (sustainable) maintenance requirements and housing demands.

# What will we realise in CuCIII, 2017-2020?



**The third phase started in 2017. The final sprint is just as radical as the previous phases: the programme involves further large-scale renovations and new builds and the south side of the campus is being modernised. Finally, demolition will take place to introduce more greenery on the north side of the grounds.**

## **New build, renovations, demolition**

The new build of a new student flat and the proposed new build of the sports centre adjacent to Erasmus Plaza, along the Kralingse Zoom, give a strong impetus for living and exercising on campus.

The most radical renovations are those of the Tinbergen and the Van der Goot buildings, necessary because of the outdated systems. The office environments are being modernised and energy-efficiency is being improved. The conference and meeting facilities and examination halls will also be updated. EUR is using the renovations to introduce a new hospitality concept for the commercial areas. As part of this, the Tinbergen building will be enhanced with a beautiful roof garden and adjacent meeting centre.

Limited internal renovations will take place in the Mandeville, Bayle and Erasmus building.

Finally, in 2020, 19,000 m<sup>2</sup> of study, living and office accommodation will be demolished.



## Themes

CuCIII focuses particularly on:

### 1. Sustainability

We are creating a sustainable campus through more efficient use of energy (20% more efficient compared with 2010). We are introducing renewable forms of energy, increasing biodiversity and making operational management greener, through such things as separating waste.

### 2. Wayfinding

We will harmonise the internal and external building signage to ensure that campus users can find their way more easily.

### 3. Collaboration with neighbours: Rotterdam University of Applied Sciences

Where it is in our joint interests, we will be collaborating with the Rotterdam University of Applied Sciences to create a more sustainable and attractive campus.

# CuCIII Projects



## Tinbergen building

The Tinbergen building is being significantly refurbished, with high ambitions for increased energy efficiency. As part of the renovation, a new walkway is being realised between the Tinbergen and the Theil buildings, so that you can walk directly to the Van der Mandeleplein from Institutenlaan. There will be a new 'grand' entrance. The Faculty Club, the meeting room on the 17th floor, will also be updated. The new hospitality concept will create a unique and inspiring meeting and education environment.

## Van der Goot and Bayle systems

The technical plants in the Van der Goot and Bayle Buildings are outdated and require renovation. That is why these will be updated in CuCIII. In Van der Goot this will be combined with a complete modernisation of the floors in which the congress facilities are located. New modern facilities will be created here. It will not be possible to use the conference and meeting rooms for around a year. This also applies to the examination hall. Alternatives will be sought for this. The old sports centre will probably be used for examinations.



## Modernising Erasmus, P and Mandeville building offices

The offices in the Erasmus, P, Bayle and Mandeville buildings will be refurbished and modified according to the new m<sup>2</sup> standard. As in previous years, customised new office concepts will be introduced for the renovations, harmonised according to the building's function and user requirements.



## Sports Centre

Good sports facilities are important on a lively campus. Because the current sports centre is approaching the end of its technical service life, the intention is to construct a new sports centre.

The 'old' sports centre can then offer accommodation during examinations or when the Van der Goot Building is renovated. It can also house temporary catering facilities during the Tinbergen renovations.

## Terrein Zuid

Terrein Zuid is the urban section to the south of the Plaza. Small streets and squares will give a feeling of space in among the dense building. The streets, which sometimes lead to a park, will give the area the impression of an Italian town, with small streets and piazzas. The Plaza marks the edge of the urban section on the north side. On the other three sides, the boundary of the campus area is marked by an environmental zone and by a ring road accessible for cars.





### Ring road

Traffic currently still drives in front the buildings on the south side of the campus. During CuCIII, a ring road will be created to direct the traffic behind the buildings. This leads pedestrians and cyclists to the small streets and cars to the various parking facilities. The ring road makes the campus car-free and is being constructed in consultation with Rotterdam University of Applied Sciences and the municipality of Rotterdam.

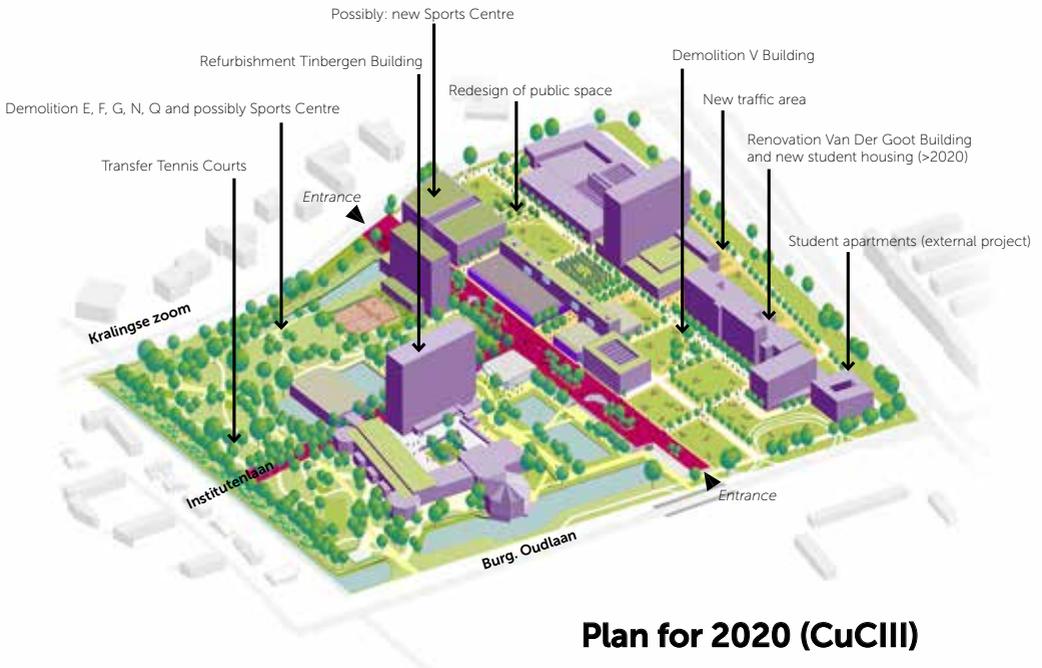
### Student flats

Having students on campus creates a lively atmosphere. The new student flats are being built behind the Van der Goot building, on the edge of the campus. Adjacent to the campus, another accommodation building has already been constructed, which is not part of Campus under Construction, but does provide for a further increase in the number of residents on campus. The outdated F building will make way for the final part of Park Noord at the end of this phase.



## Demolition: space for greenery

The E, F, G, Q and N buildings, together amounting to 19,000 m<sup>2</sup> of office and educational space, are at the end of their service life. These buildings are also not sufficiently environmentally-friendly. They will be demolished at the end of 2019, after which a new park area will be constructed on the vacant plot. This enables the realisation of one of the original objectives of Campus under Construction; making the northern section of the campus greener.



# Sustainable campus

EUR wants to become one of the most sustainable universities in the Netherlands and has made covenants with the municipality of Rotterdam and the national government. For instance, there is the MeerJarenAfspraak 3 (MJA3 -long-term agreement) with the aim of being 30% more energy-efficient in 2020 than in 2005. In the sustainability ranking for universities of applied science and universities, SustainaBul, EUR is aiming for a high position.



An important objective is to realise energy-neutral buildings in the long term. In previous years, GPR was used as standard for sustainability, but from 2017 BREEAM will be used. For the Tinbergen building, the aim is for BREEAM level Excellent (the second-highest level).

EUR is working towards sustainability in various ways. For example, through efficient use of buildings and demolition of buildings that are relatively inefficient in their energy consumption. We are reducing buildings' energy consumption in new-build and renovation through the use of 'passive' construction, green roofs, double glazing, solar panels, energy-efficient systems, natural ventilation and sustainable materials. In order to keep the energy demand of buildings as low as possible, we will capture heat from cooling systems, connect lighting to daylight switches and use presence detection and energy-efficient lighting. In recent years, various thermal energy storage wells have been tapped into. In the coming years, multiple buildings will be connected to these thermal energy storage wells. In 2016, EUR received a European Elena grant for its plans regarding sustainability, in 2017 we received a municipal grant for a significant expansion of green roofs.

# Make it happen



As well as building-related measures, EUR also takes other kinds of measures, such as the introduction of the cradle-to-cradle principle in the design of buildings, separation of waste collection, expansion of solar power systems and green roofs, improvement of the biodiversity and construction of parks. Through regular communications, EUR is working to raise awareness of students and employees. In this way, they will also become aware of their own contribution towards a sustainable campus.



# Communications

The renovation will, at times, have considerable impact on campus users. Particularly in 2019 and 2020, many activities will take place, sometimes in the same time period. As well as noise nuisance the campus residents will also experience inconvenience because, for example, employees will be accommodated temporarily in other places, examinations will take place in another building or meeting facilities will not be accessible.

Per building project clear communications with immediate users and the surrounding area will be arranged, in cooperation with the project managers. The inconvenience and effects of the communication will be monitored in focus groups. Communications will be adjusted where necessary.

The website and digital 'Updates' are the structural communication resources that we use in this phase. We will also search for creative forms of communication per project.

Those wanting to monitor the project and stay informed of any inconvenience should visit [www.eur.nl/campusvanmorgen](http://www.eur.nl/campusvanmorgen)

## Additional information

Do you have any suggestions or questions about Campus under Construction? If so, please contact the communications team by e-mail: [campusunderconstruction@eur.nl](mailto:campusunderconstruction@eur.nl)

# Planning delivery large projects

## 2017

- High-rise block of Sanders building
- University Library

## 2018

- Low-rise block of Sanders building
- Foodlab
- Learning Innovation lab
- P-building including enclosed walkway (between Erasmus building and Tinbergen building)
- Small streets and squares Tinbergen Plaza (Terrein Zuid)
- Enclosed walkway between University Library and Theil building

## 2019

- Area next to Sanders building (in front of Hogeschool Rotterdam)
- Improvement entrance Burgemeester Oudlaan

## 2020

- Tinbergen building including new meeting and education environment
- New sports centre
- Park North
- Demolition E, N and V-building

## 2021

- Van der Goot building
- Mandeville building
- Expansion student flats
- Demolition F, G and Q building





## Colophon

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