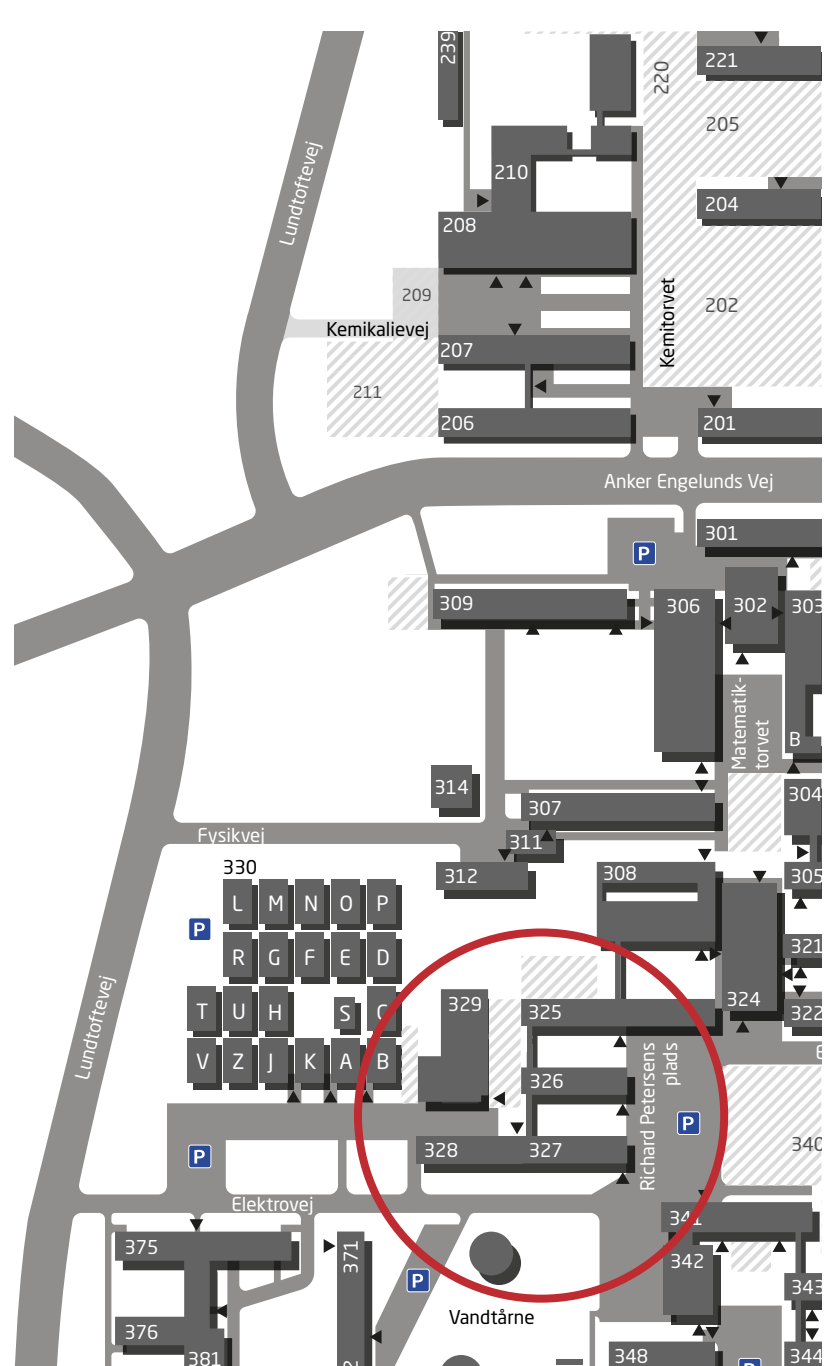


AGORA SPACE FOR INTERACTION

Agora bygning 329A

Area 1920 m ²	Budget 74,4 mio. kr.	Building period 2014-2015
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The AGORA building will contain facilities for teaching and studying, working and conducting experimental research, testing and demonstration with a strong focus on electric technologies and the development of a future energy system based on renewable energy sources.

AGORA creates room gives space to synergies between education, research and innovation with space for interaction between theory and practice, people and knowledge across buildings, affiliations and locations.

- AGORA is an optimized work, research and learning environment based on the synergies between education, research and society as a whole, and supports the interaction between theory and application.

- AGORA ties together new and existing areas with energy-focused construction that creates a coherent, open and future-proof environment with people, experimental facilities and spaces in a dynamic and flexible interplay.

- AGORA is an innovative and value-adding forum for learning and knowledge sharing; a place that breaks down boundaries and facilitates encounters between people across different disciplines, locations and affiliations.

- AGORA is a motivating platform for academic and social activities, where users play an active role by exploring and taking ownership of their surroundings and academic standards.

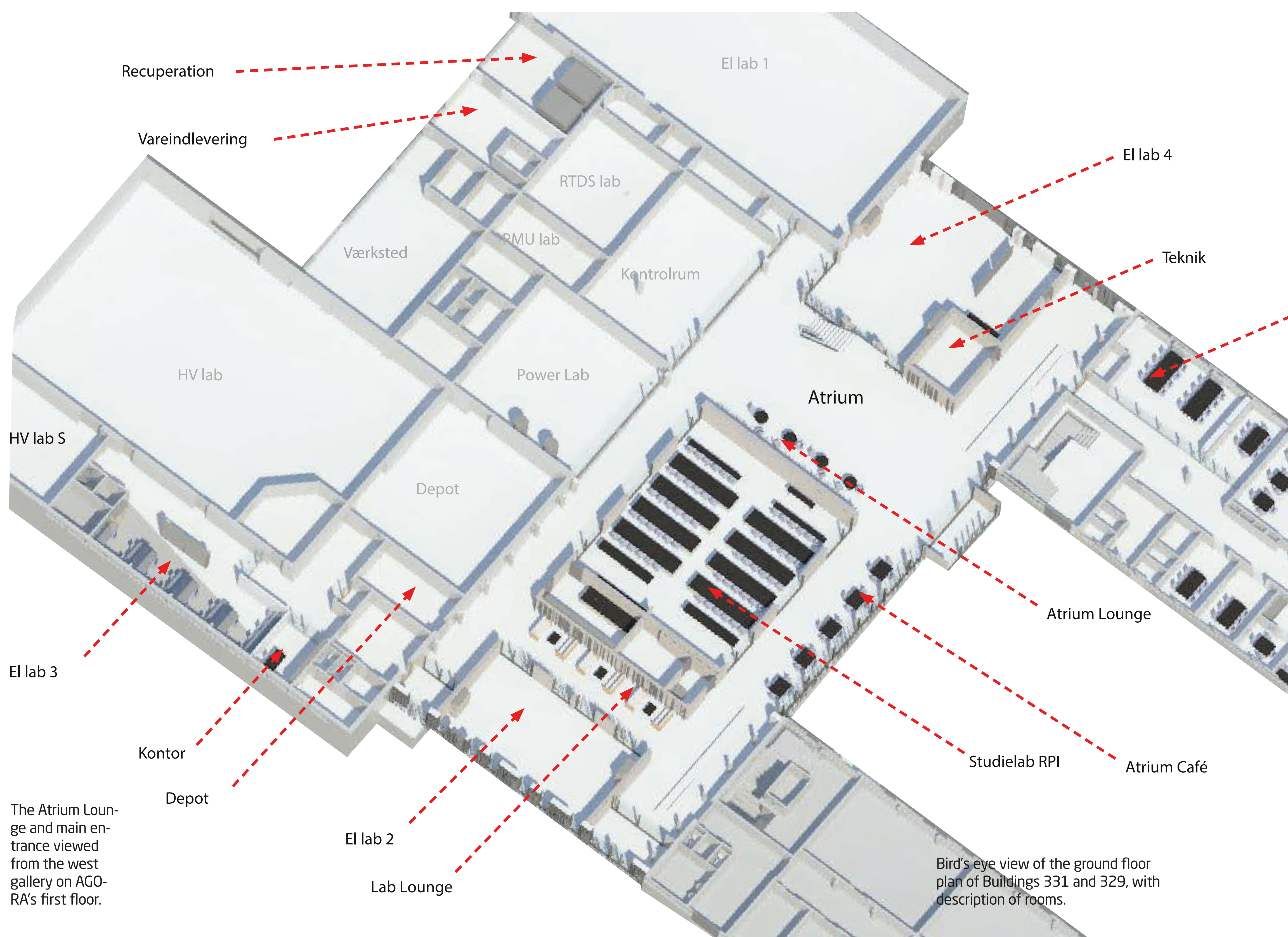
- AGORA highlights our talents: attracting the most talented students, the best researchers and partners, and delivering value back to society in the form of graduates and educational/research results of the highest quality



The Lab Lounge viewed from the corridor leading up to Building 329



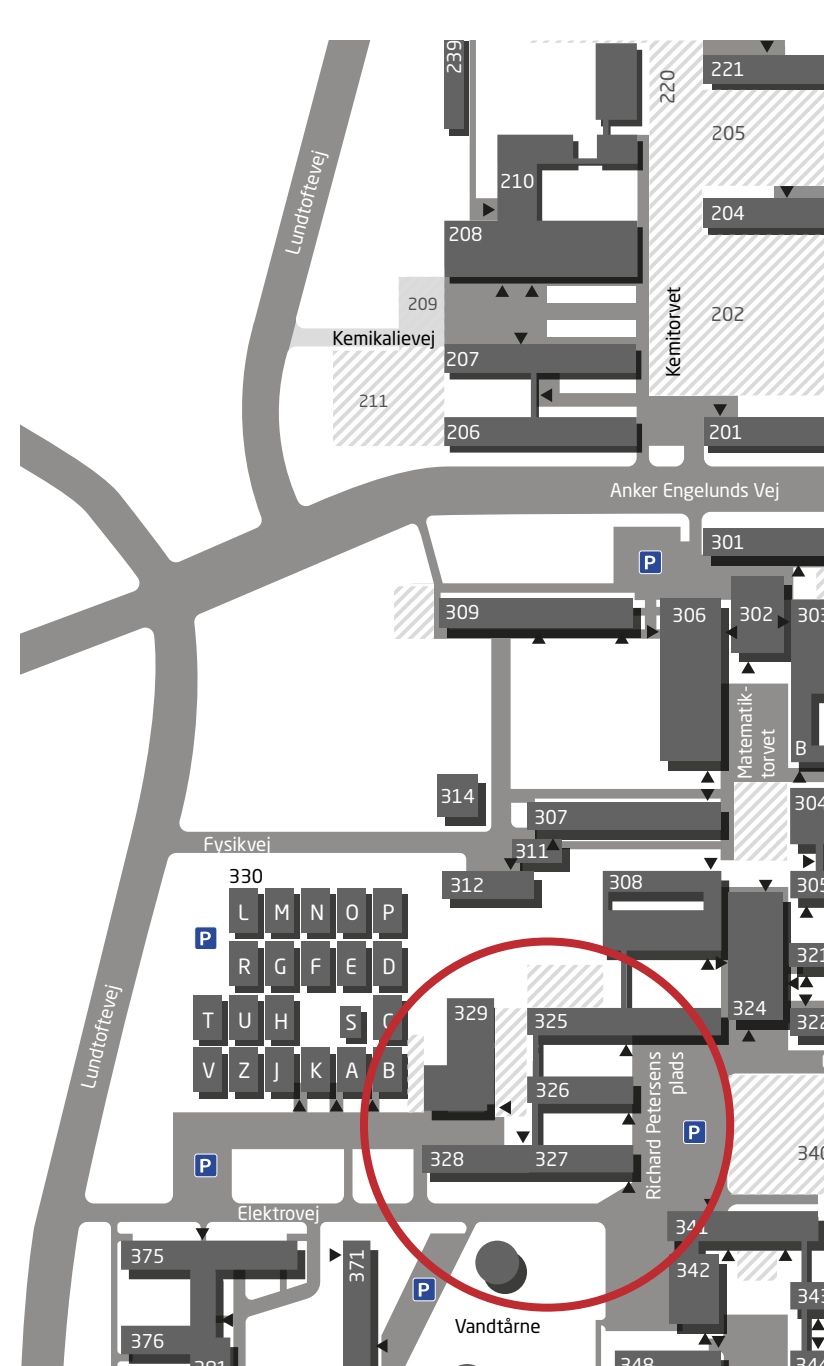
The Atrium Lounge and main entrance viewed from the west gallery on AGORA's first floor.



AGORA EXPERIMENTAL FACILITIES

Agora bygning 329A

Area	Budget	Building period
1920 m ²	74,4 mio. kr.	2014-2015



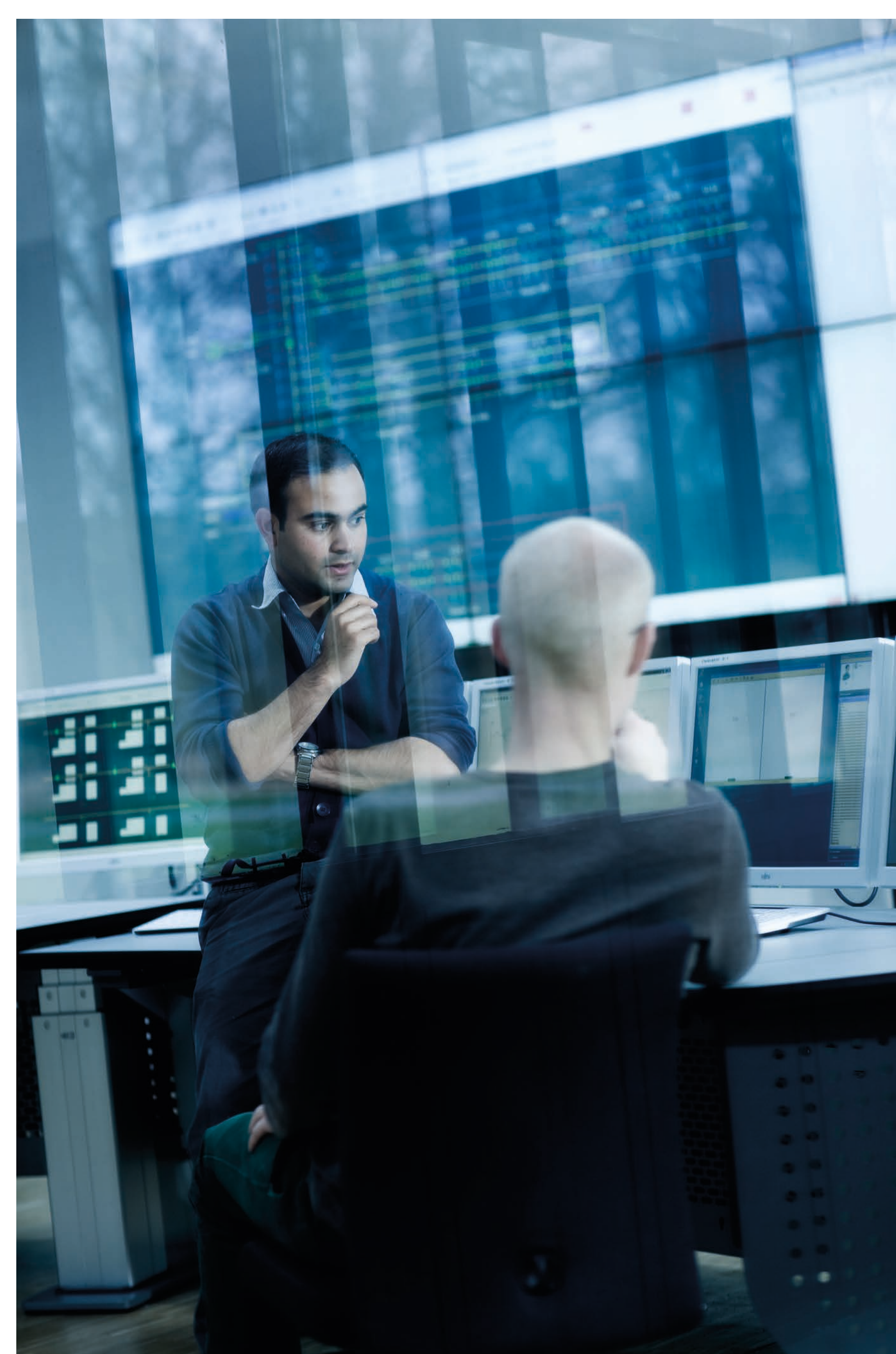
AGORA will house state-of-the-art experimental facilities of PowerLabDK. PowerLabDK supports technology development, experimental research, training, test and demonstration within electric power and energy in order to meet the future needs of society and industry.

The facilities welcomes students, researchers and product developers academia and industry.

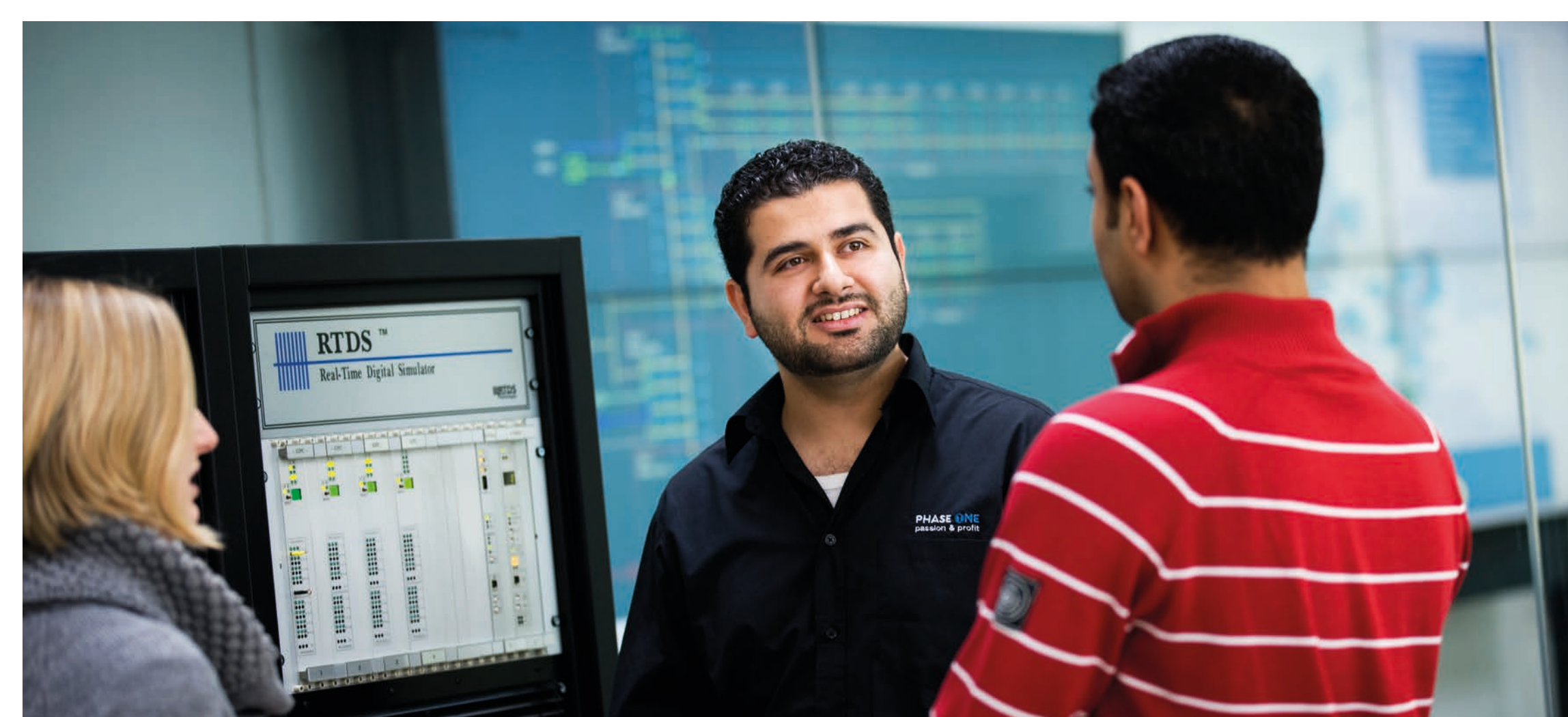
The PowerLabDK facilities range from flexible fundamental research laboratories to large-scale experimental facilities and a complete full-scale power distribution system that proves resourceful as data source and platform for full-scale experiments.

The PowerLabDK facilities will be expanded with three new laboratories that will supplement the existing Intelligent Control Lab, Electric Lab, High Voltage Lab and Power Student Lab at Lyngby Campus.

AGORA will be home to two large teaching labs, where the experimental teaching will take place and new teaching methods will be tested to educate tomorrow's engineers.



AGORA provides the framework for a dynamic and open learning environment for researchers and students.

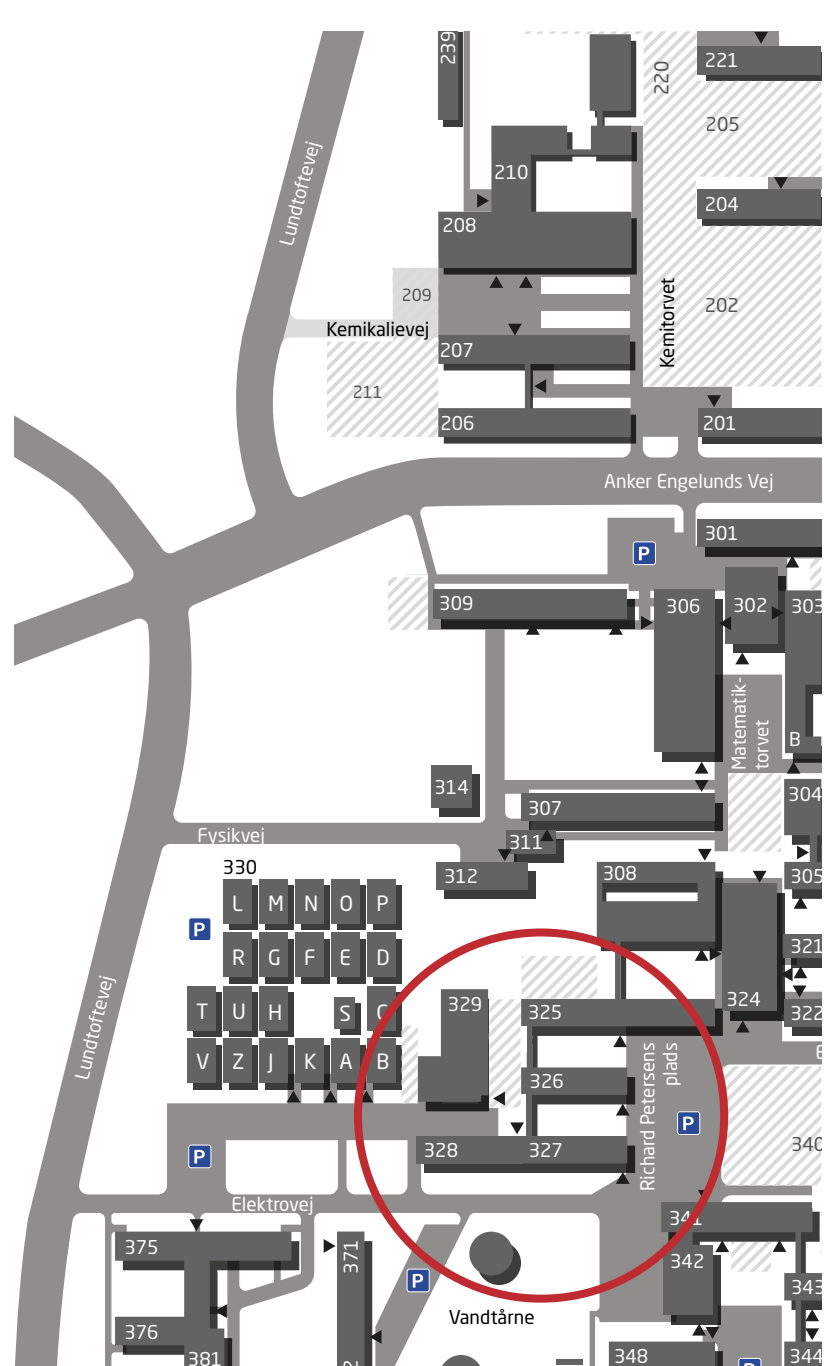


View of division of functions on the ground floor—the green areas representing PowerLabDK's rooms.

AGORA 24/7-STUDY ENVIRONMENT

Agora bygning 329A

Area	Budget	Building period
1920 m ²	74,4 mio. kr.	2014-2015



AGORA creates a visionary environment for research, education and innovation within the fields of electro technology and electric technology that will strengthen the interaction between theory and practice, people and knowledge—across buildings, affiliations and locations. The learning environment for students will be situated on the ground floor in Building 325 and on two floors centrally located in new Building 331. The learning environment will be connected to the existing facilities in Building 308, and it is here, on the ground floor, that the most comprehensive renovation of Building 325 is taking place.

Student life in the new AGORA:

The Atrium Lounge will be furnished as an informal open space with lounge furniture and fly-in desks for people waiting or for brief work intervals.

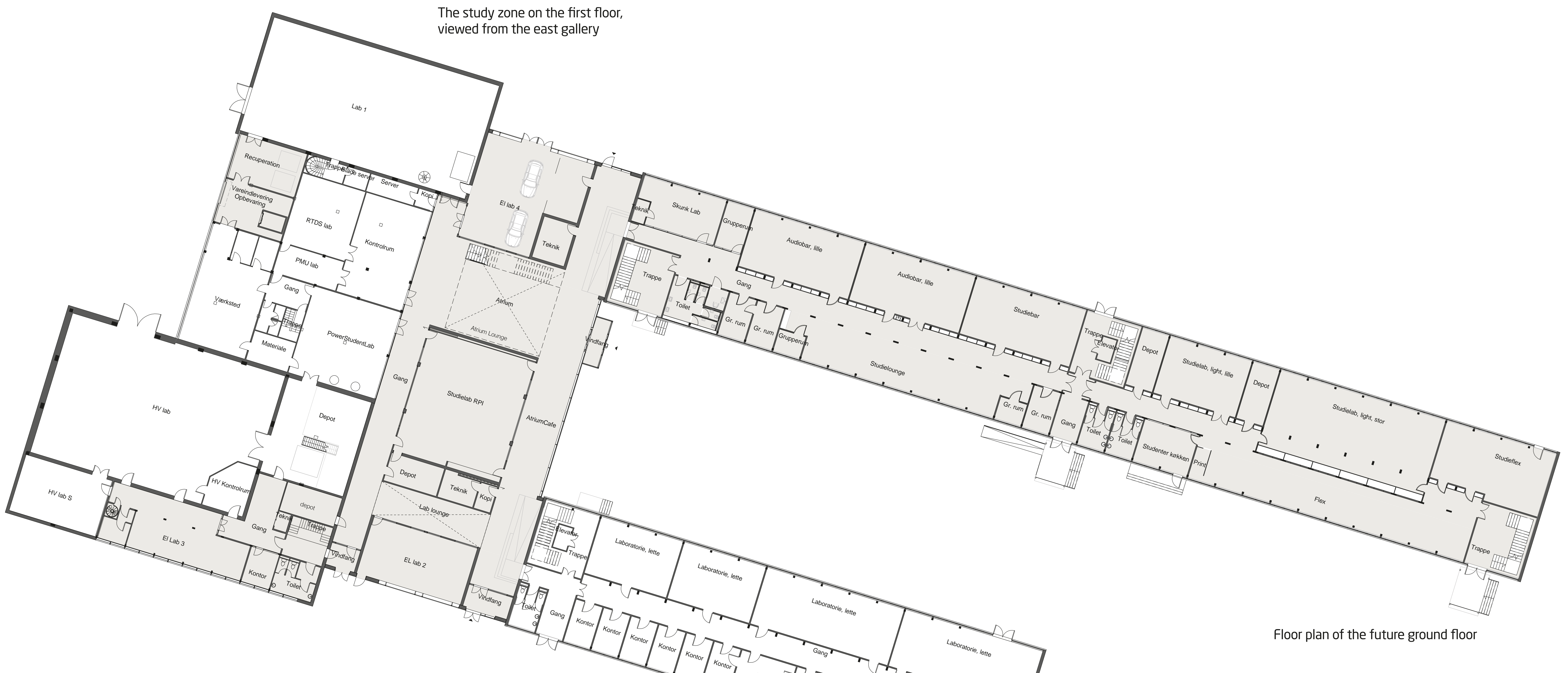
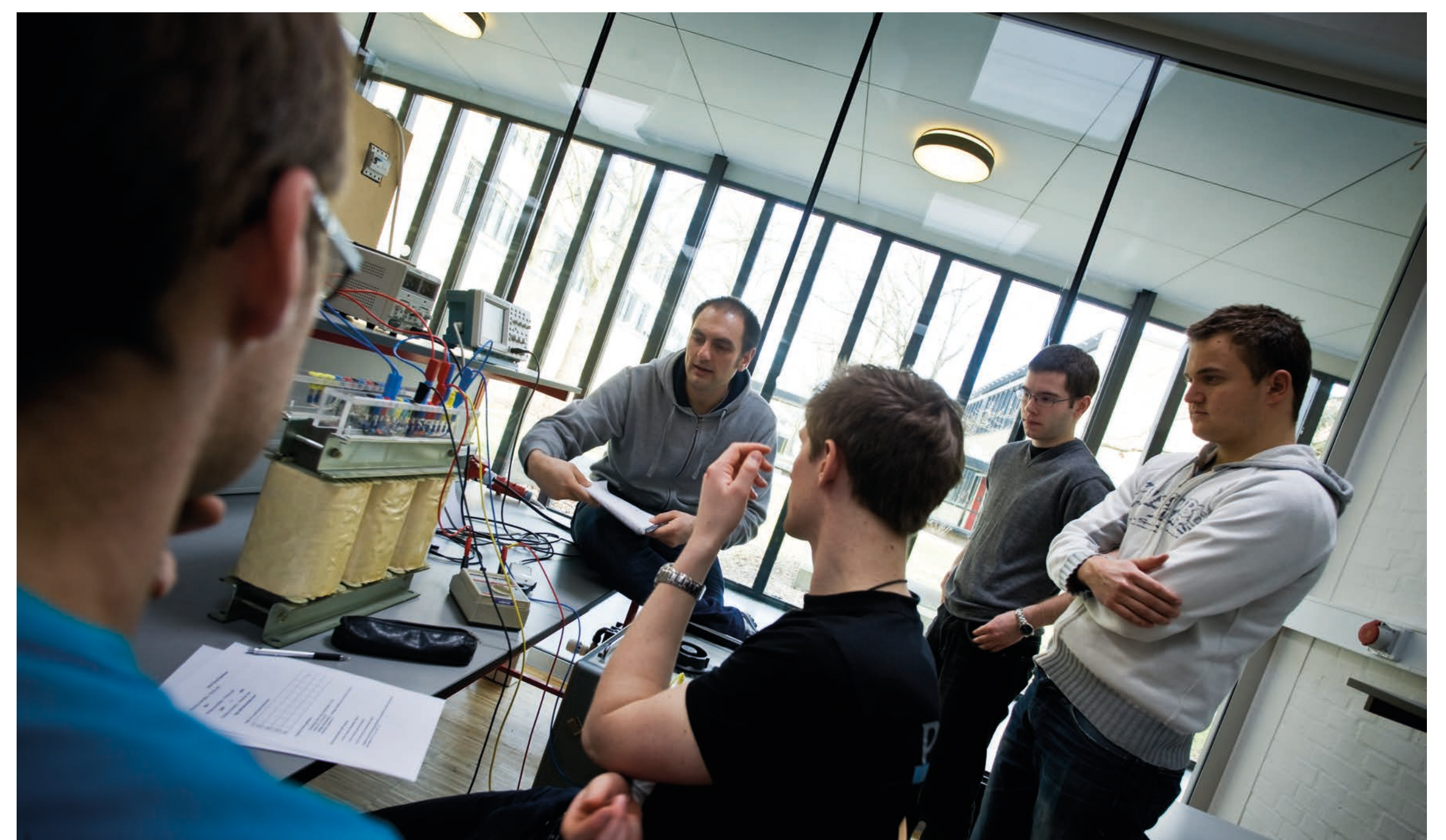
The Atrium Café is situated along the east facade. Sun studies show that the area near the main entrance will be an attractive place to spend time outdoors.

The Lab Lounge is located in the southern part of the plan, with a large skylight extending down through the building. This draws down a lot of light, but also serves to further strengthen coherence across the floors. Thanks to its location in the southern end, the Lab Lounge becomes a more quiet area where you can meet, primarily, the users of the labs and related facilities. The lab café will be furnished with café and lounge furniture.

The Study Lab RPI is centrally located and can accommodate 60 students. The room offers two tables to all students, one intended for class teaching and the other for doing independent experiments.



The study zone on the first floor, viewed from the east gallery



Floor plan of the future ground floor

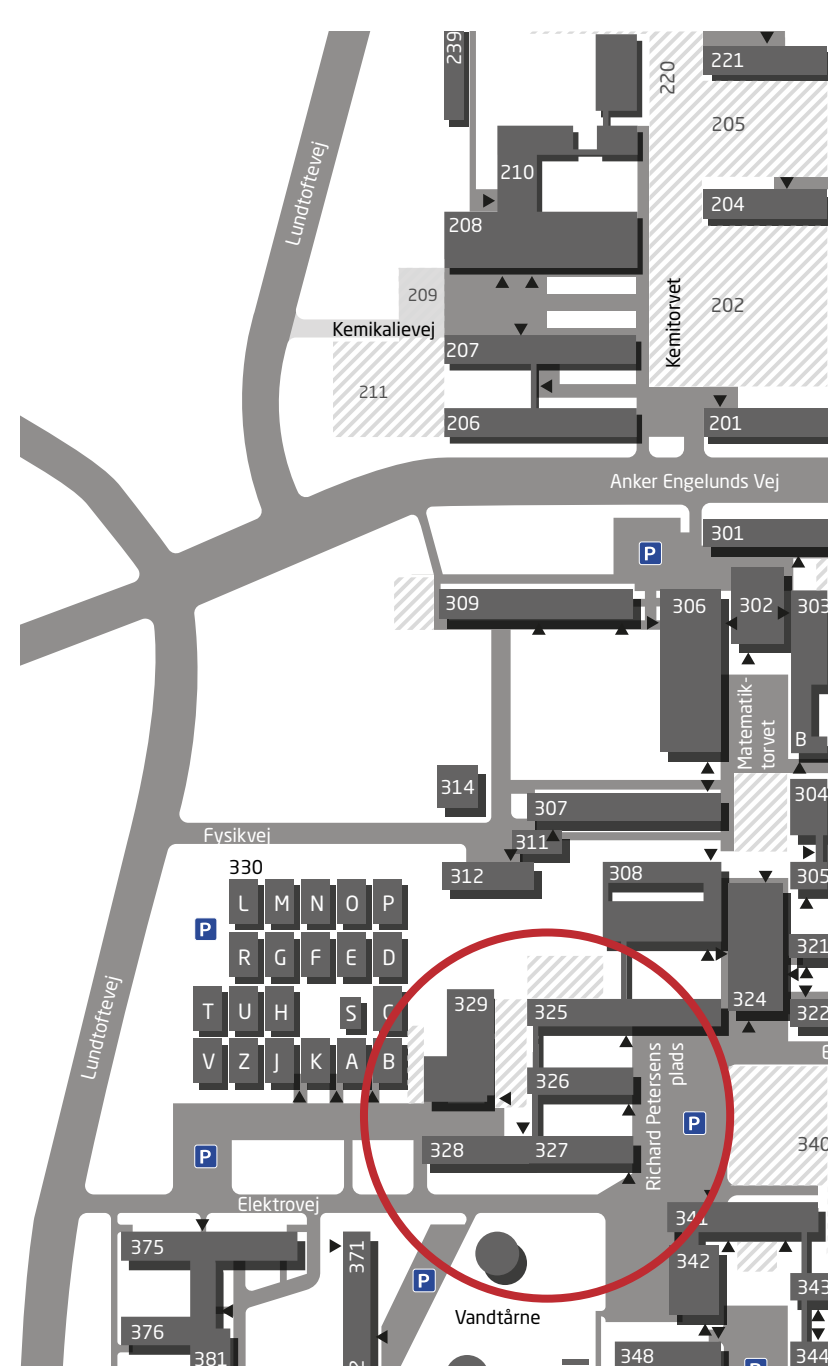
AGORA

ARCHITECTURAL

CONCEPT

Agora bygning 329A

Area	Budget	Building period
1920 m ²	74,4 mio. kr.	2014-2015

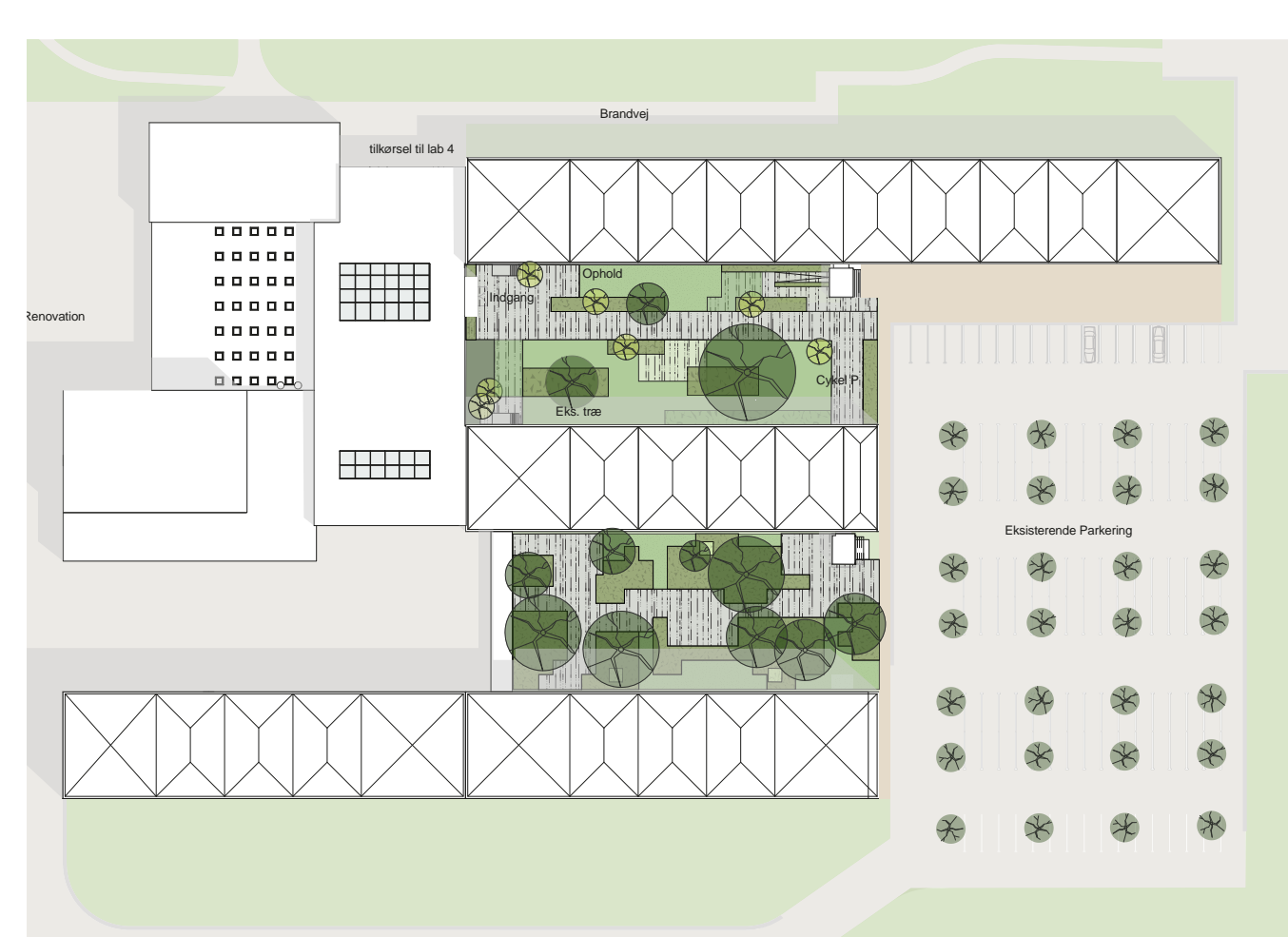


AGORA connects Buildings 325, 329 and 326 with a new two-storey building. Thanks to its location between the three existing buildings, the new building will provide a logistical connection between them. The existing context is complex, with varied heights and combined volumes.

The closed functions in the new building are kept free from the existing buildings, exposing the existing building ends. There will be clearly defined axes with visual contact through the building, which you can use to find your way round.

The functions of the new building are brought together in three volumes, where the space between is vertical rooms with lots of daylight from the skylights. These skylights ensure that there will be light where most needed. A large proportion of the building's 'facade area' is provided by the existing buildings, which makes it even more important to draw light down from above. The main architectural concept is further emphasized by achieving more contact between the floors and exposing the vertical walls that show the building's structure.

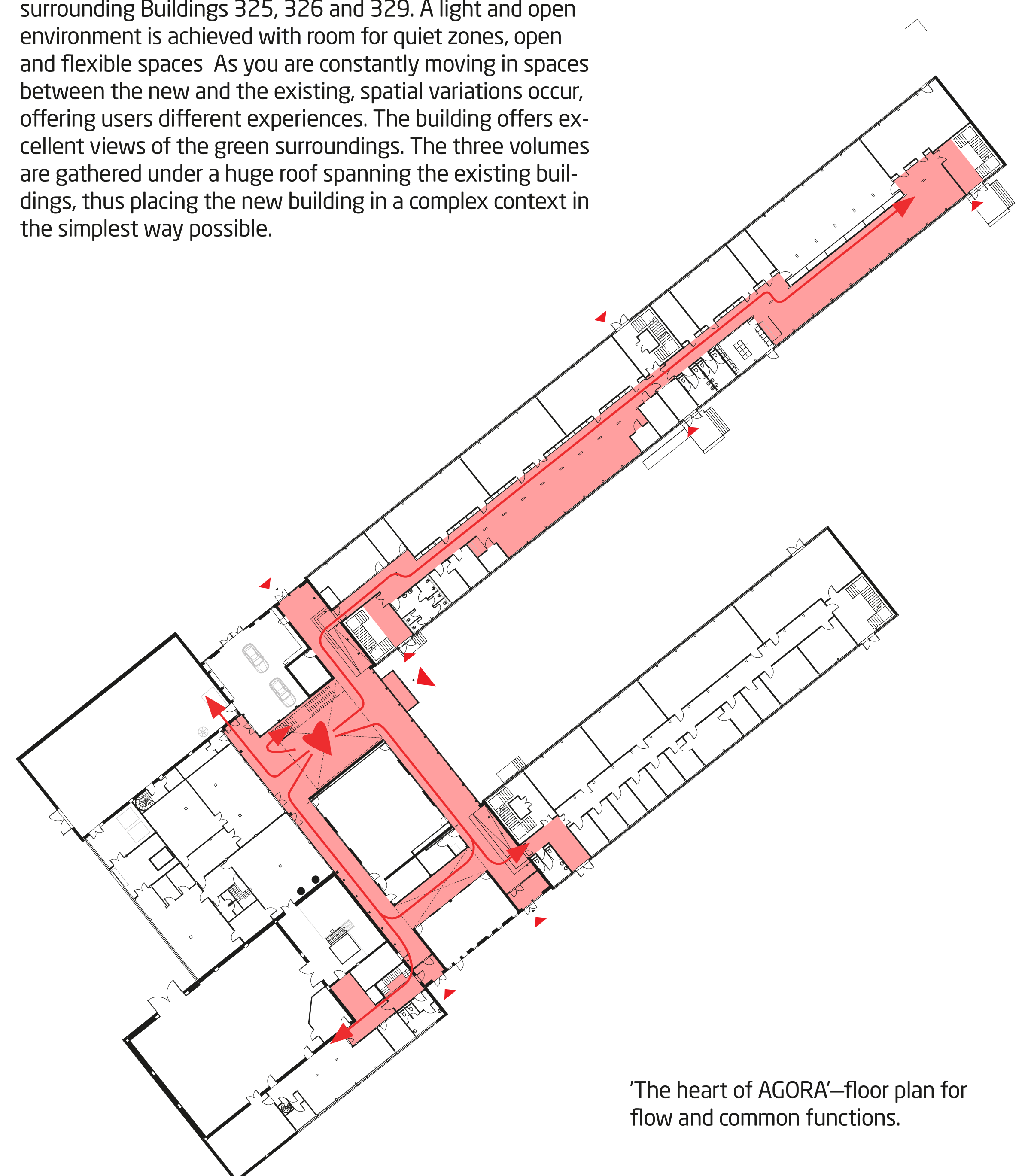
The three volumes in the new building house the largest classrooms, offices, Electric Labs as well as various secondary rooms. The volumes appear as covered boxes spanning two floors. In the space between the boxes and the facade, corridors and different types of open spaces are created, and a connection is established between the floors and the surrounding Buildings 325, 326 and 329. A light and open environment is achieved with room for quiet zones, open and flexible spaces. As you are constantly moving in spaces between the new and the existing, spatial variations occur, offering users different experiences. The building offers excellent views of the green surroundings. The three volumes are gathered under a huge roof spanning the existing buildings, thus placing the new building in a complex context in the simplest way possible.



Landscape design sketch showing green areas, parking facilities and open spaces around and near AGORA.



The Atrium Lounge viewed from the main entrance.



'The heart of AGORA'—floor plan for flow and common functions.



Longitudinal section of AGORA viewed from Building 329.