

01

SEED

STUDENT COMPETITION

Competition
Brief

The growing urbanity is demanding an environmental mindset when designing the urban landscapes.

What is needed in order to create an attractive campus?

SEED 01 is a student competition initiated due to the belief that places matter.

What is a sustainable world-leading campus?

A well-designed street life promotes different modes of transport.

SEED 01 is a collaborative student competition that calls for projects of ideas that contribute to place making of the Sustainable LTH Campus of the 21st century in Lund, Sweden.

01 Introduction

01.01 SEED 01 Competition Introduction

SEED 01 is a collaborative student competition that calls for projects and ideas that contribute to the sustainable place making and the everyday urban life. Responding to the ongoing discussions about the sustainable future of the LTH Campus (Lunds Tekniska Högskola) in Lund and the implementation of the new tram line in the city, the student competition seeks ideas on one of the most crucial places in the LTH Campus - area surrounding the Students' House Kårhuset, including the future tram stop Universitetsplatån.

The Universitetsplatån is located in the heart of the campus around the Students' House Kårhuset and will become an important entry point for the whole area when the new tram line is implemented and the tram station is developed. The synergic effects of the new public transportation link with the campus bring a great opportunity for rethinking the whole area and igniting the sustainable transformation of the campus through the urban design.

SEED 01 is a student competition organised by SUDes (Sustainable Urban Design Master's Program at the School of Architecture, LTH, Lund University) to bring together new ideas from students of architecture and urban design from all over the world and contribute to the ongoing discussions about the sustainable future of our cities.

02 Background

02.01 Sustainable LTH Campus

The Faculty of Engineering (LTH Lunds Tekniska Högskola) is home to more than 9 600 students and 1 500 educators and employees from all over the world. Its campus is located in the north-eastern part of Lund. The faculty together with other stakeholders and actors of the area have engaged in a strategic vision to become a world-leading sustainable campus in near future. The importance of the urban design of the whole area was recognised as one of the most crucial aspects following the recently presented United Nation's Sustainable Development Goals for Sustainable Cities and Communities.

The goal of creating a campus with an environment that promotes ecological, social and economic sustainability is supported by the ongoing implementation of a tram line in the city of Lund. The future public transportation link will connect the city centre to the newly built research facilities ESS (European Spallation Source), synchrotron radiation facility MAX.IV and the future development of the Science Village with the campus being in the centre of them. The synergy of these projects presents a great opportunity for sustainable transformation of the whole LTH campus.

The project site around Kårhuset is a centrally located place in the campus where a new tram stop for the LTH area Universitetsplatån will be built, therefore becoming a very important public space for the city as well as for the campus. This is an ideal place to explore the question on how the sustainable future of the campus could look like and what kind of environment and urban spaces it offers.

03 Competition Goals and Criteria

03.01 Competition Goals SEED 01 calls for individuals or teams to bring design thinking to achieve and fulfil the following goals:

- Imagine and propose a program, that is needed for the site in order to establish a striking and inviting public space as well as contribute to the Sustainable Campus of the 21th century.
- Imagine and propose new public spaces/built structures where not only students and educators can meet, but also places open and inviting to public.
- Define a role of the site and Kårhuset in the LTH Campus as well as in the whole of Lund. Keep in mind the future tram stop and possibility to become a part of the city's public realm.
- Connect the future tram station at Universitetsplatån with the surrounding of the Kårhuset and the rest of the LTH Campus.

03.02 Key Questions The main questions the teams participating in the competition need to consider with their projects are:

- What is needed in order to create an attractive campus?
- In what way can the design of a place encourage people to meet?
- What are the site-specific conditions on the site? And in what way is your project a site-specific solution? How does the proposal create a better outdoor microclimate for its users?
- How does your project tackle the aspects of sustainability, such as ecological, social and economical aspects?
- How does your proposal reflect the 17 sustainable development goals, as presented by the United Nations, especially the Goal 11: "Sustainable cities and communities"?

03.03 Competition Criteria Jurors will select one winning proposal on the basis of the following criteria:

- The proposal addresses the specific characteristics of the campus, the specific characteristics of its surroundings as well as its location in the city of Lund.
- The proposal clearly relates to the 17 UN Sustainable Development Goals, especially the Goal 11.
- The proposal clearly has a clear concept and well-described intentions of the design as well as understanding of the synergy effects the design proposal has the possibility to initiate.
- The proposal clearly communicates its spatial qualities and its physical, social, and ecological characteristics.

04 Awards and Announcement

04.01 Awards

The winning team will receive a 20 000 SEK prize, the second team will receive a 10 000 SEK prize and the third team will receive a 5 000 SEK prize.

04.02 Winner Announcement

The winners will be announced at the 12th international SUDes conference in Lund on September 18, 2017.

05 Timeline

Competition Launch	May 17, 2017 at 12:15 in the Great Hall of the A-Building, School of Architecture, LTH, Lund
FAQ Deadline	June 12, 2017; by noon CET
Registration Deadline	August 11, 2017; by midnight CET
Competition Deadline	August 14, 2017; by noon 12:00 CET
Jury Meetings	August 21 - 31, 2017
Winner Announcement	September 18, 2017 at the 12 th annual international SUDes conference, LTH, Lund (location will be announced on the conference website www.performativeplaces.com)
SEED 01 Exhibition	September 18 - October 29, 2017 in the foyer of the A-Building, School of Architecture, LTH, Lund

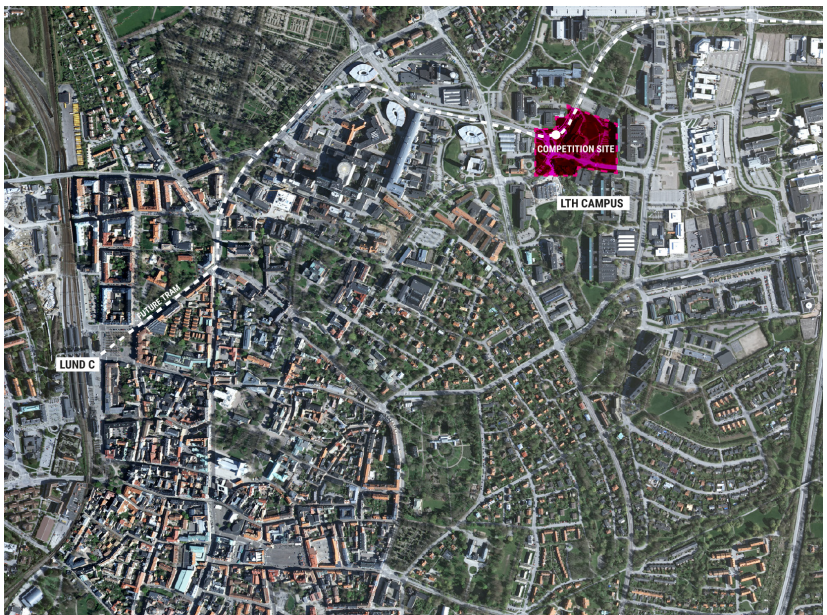
06 The Site

06.01 Background The design site is located in the northern parts of Lund, in the LTH Campus and is well linked to the city center of Lund through buses and bike lanes and pedestrian network. The new tramline that will run through the area will strengthen the accessibility even further.

The LTH Campus is characterized by its greenery with vast lawns, trees and bushes. The lawns are sparingly used by the students and other people visiting the area but most of the time they are empty. There are different projects going on to strengthen the biodiversity in the area and some projects have already been implemented to improve the aream, such as projects around the lake Sjönsjön just south of the competition site.

Other strong characteristics of the whole campus are the brick buildings that can be found all over the area. Most of them lack transparency of the ground floors and the possibility to showcase what goes on inside the buildings. The notion of "monofunctionality" also comes to one's mind due to the strong sense that the people are in the area either to study or work here. When the students and employees leave the facilities the area is mostly empty. Additional functions and programs could make the area more attractive and safer 24/7.

Location of the design site in the city of Lund



06.02 Kårhuset

The Students' House Kårhuset has a strong symbolical value for the whole campus, being the core of the campus and bringing all the students together. Today the building suffers from not being transparent and accessible enough. With its location near the future tram stop it is has a potential of being much stronger part of the life that surrounds it and it also possesses the possibility to communicate the future role of the whole LTH Campus.

All areas around Kårhuset are currently going through major changes. The location for the tram stop along with the tram line that will run through the northern parts of the LTH Campus will affect the movement around the design area and also have a major impact on the accessibility to the area as a whole.

06.03 Site

Nowadays, the area on the western side of Kårhuset has the character of a backside with almost no entrances into the surrounding area. The prevailing wind strikes you and there are no university activities that take place here. The future tram station will be located between the Institute of Biology and Kårhuset. The green buildings and greenhouses on the other side of the street will possibly undergo major changes due to the future planned development.

The main entrance of Kårhuset faces east and is situated with a setback along the John Erikssons Väg. Between the V-Building in the east and Kårhuset, there is a very busy internal walking and bicycle path that connects the whole LTH Campus from north to south. In front of the V-Building, there are bicycle stands behind bushes. Just aside of Kårhuset, there is an open green lawn, arranged as a sloping auditorium space with a scene at its lowest point, adjacent to the building of Kårhuset. The space is used for student activities, such as barbeques and student gatherings. There is a climbing wall on one of the facades of Kårhuset.

On the northern side of Kårhuset, there is a parking lot. One of the faculty buildings - Navet has its main entrance towards the internal street and is framing the competition site from the north.

Just south of Kårhuset on the John Erikssons Väg, there are bus stops with regional and local buses. On the other side of the street, there is a Study Centrum with library, cafeteria and other activities. John Erikssons Väg is a very busy street with buses, cars and a separate lane for bicycles. Here one has a view over the lake Sjön-sjön and during warm days there is a lot of students on the lawns enjoying the lake view. Further south-west there is the Mathematic Building, located with a setback from Sölvegatan Street in a slope behind bushes.

06.04 Site Boundary

The project site is defined by a competition boundary (as visible on the Competition Site Plan on pages 12 and 13) to anchor the focus point of the competition. The proposal should focus on the marked areas around Kårhuset and should not exceed the project site boundary.

06.04 Photos of
the site

Site Panorama
01



Site Panorama
02



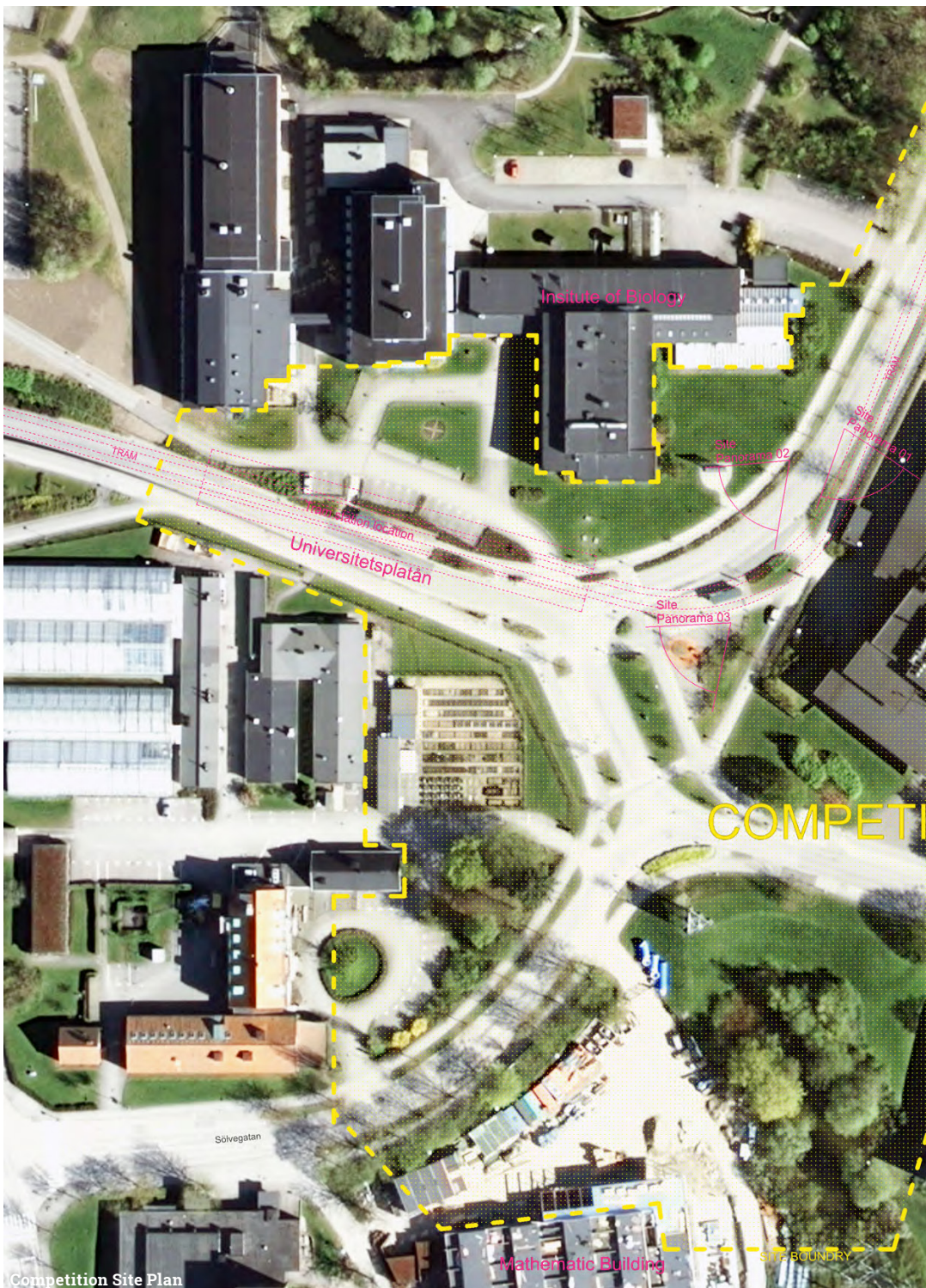
Site Panorama
03



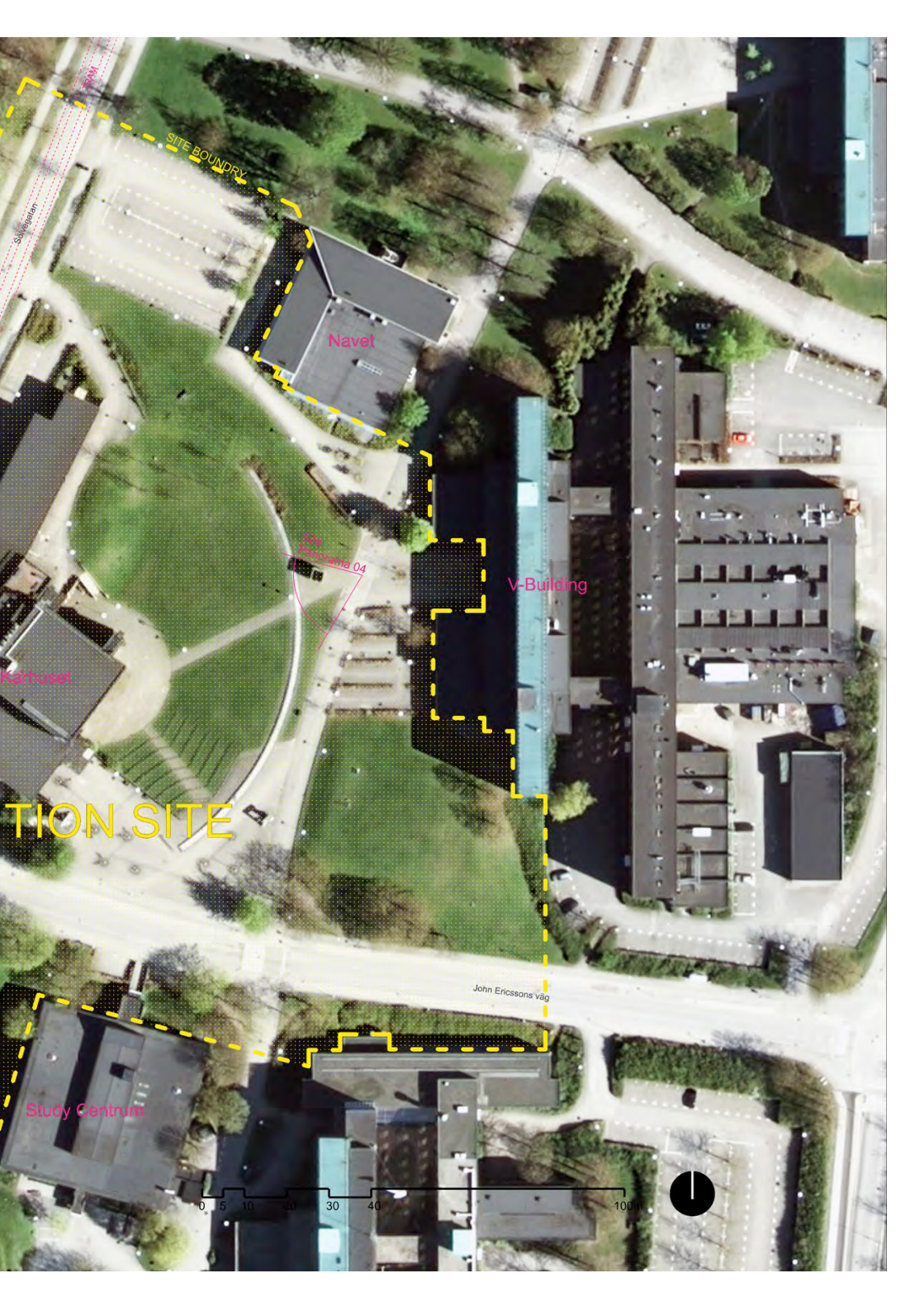
Site Panorama
04



See the location marks of the photos in the Competition Site Plan on the pages 12 and 13.



Competition Site Plan



SITE BOUNDRY

Navet

V-Building

Kafuset

TATION SITE

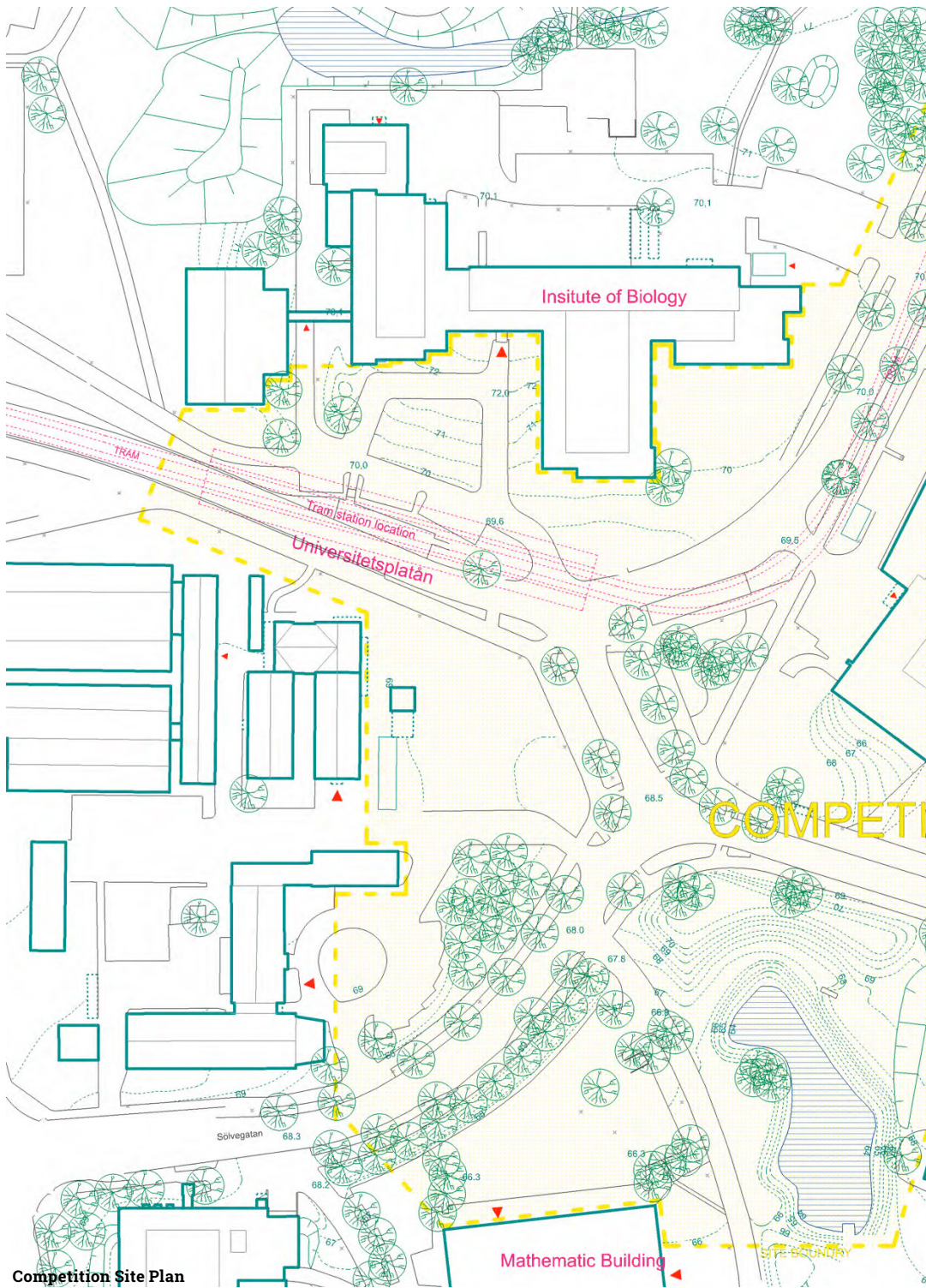
Site Pålomnest 04

John Ericssons väg

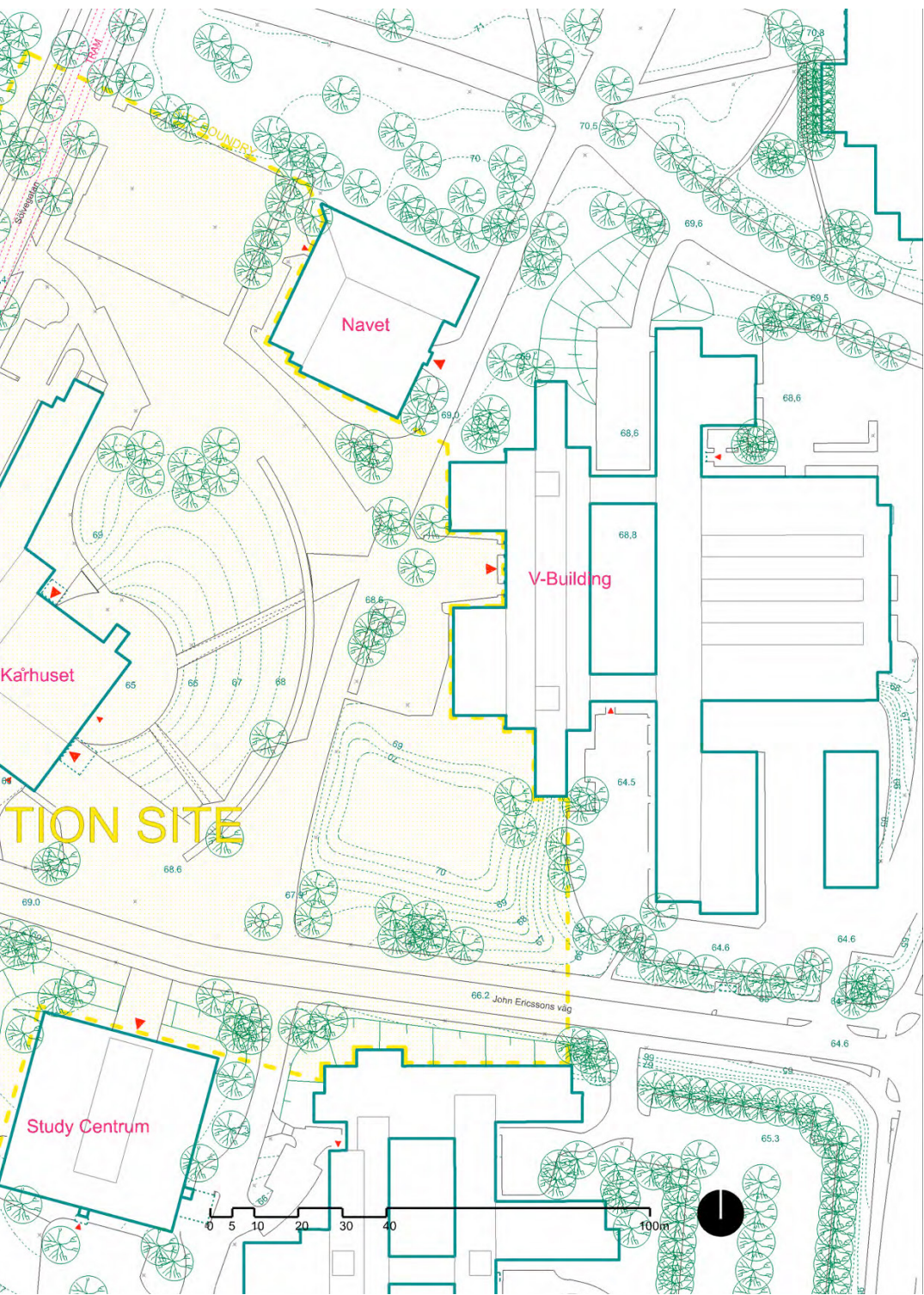
Study Centrum

0 10 20 30 40 100m





Competition Site Plan



07 Rules and Eligibility

07.01 Eligibility

The student competition is open to individuals or teams. The participating individual or at least one of the team members must be currently enrolled in one of the universities, approved by the Swedish Association of Architects study programme list (please see the section below 07.02 Participants). Other team members do not need to fulfil this requirement but whatever their current education is, they must have a status of university student on the date of competition announcement (Wednesday, May 17, 2017). There is no entry fee.

07.02 Participants

We encourage the competition participants to work in the multidisciplinary team to stress the importance of collaboration across the field with expertise in design, engineering, public health, social work, economics, workforce development, community organising, anthropology, sociology, or any other relevant fields.

The participant can work individually only if one is currently studying one of the study programmes at university in Sweden within the fields of architecture, landscape architecture, spatial planning, urban design, interior architecture, technology studies or design studies of specialisation in architecture, according to the Swedish Association of Architects approved study programme list.

If the participants work in teams, at least one of the member of the team leader must be based in Sweden, currently studying one of the study programmes approved by the Swedish Association of Architects. This person should be appointed the team leader when registering for the competition at the website and will be communicating with the competition organisers. Teams may include up to four members.

Approved Study Programmes by Swedish Association of Architects:
<https://www.arkitekt.se/how-to-become-a-member-of-architects-sweden/>

07.03 Registration

Before the competition submission, the participants must fill in the registration form on the competition website in order to receive a password for submission. The deadline for the registration is Friday, August 11, 2017; by midnight CET.

Entrants will receive a confirmation and a password for proposal submission.

07.04 Submission

Submission of the proposal will be done on the competition website www.seedstudentcompetition.com in a form of digital files upload. Each participant or team must upload three pdf files - competition proposal, registration form and proof of study according to the requirements stated in the section *08 Proposal Requirements and Objectives*. The deadline for the submission is Monday, August 14, 2017; by noon 12:00 CET.

Entrants will receive a confirmation that the files have been uploaded and should retain this confirmation.

07.05 Number of Entries

Individuals may participate on only one team. Each team (or individual) is permitted to submit only one proposal.

No partner or employee of any jury member's or advisory committee member's business or organisation may participate in the competition, nor may any jury member compete in association with, advise, or assist a competition in any way.

07.06 Conflict of Interest

By submitting an entry, the team agrees that organisers of the SEED Competition are granted non-exclusive reproduction rights to all entries for advertising, promotion, exhibition, print publication and internet purposes directly relating to the competition.

07.07 Rights of Ownership, Use and Intellectual Property

The winning team's work is subject to a Creative Commons license, which grants members of the public the irrevocable and nonexclusive rights to adapt the work developed. Work developed through this competition may not be sold or distributed for profit. SUDes will have non-exclusive reproduction rights to the work developed by competition team for advertising, promotion, exhibition, print publication and internet purposes directly relating to the competition. SUDes shall have no responsibility for any unauthorised use of the entrants' works by any third party, including but not limited to sponsors.

The organisers have the substantive right of ownership to the competition proposals, i. e. illustrations and other material submitted in the form of competition proposals. These are therefore not returned to the proposer; the competition proposals will be kept as received public documents. However, the competitors retain the ownership rights to their proposals. This means that the organiser may not make use of the proposals in any context other than this project, regardless of whether or not the proposal wins. Direct use of a proposal, in part or to a substantial extent, may only take place after agreement with the proposer.

08 Proposal Requirements and Objectives

08.01 Proposal Contents

Competition proposal must contain each of the following components in a single PDF document. The proposal must contain exactly **6 A3 pages in landscape orientation** (L 420mm, H 297mm). Font size must be legible when printed at A3 paper size. Proposal file must be no larger than 30MB in a pdf format.

We strongly recommend that you adhere to the following guidelines in preparing your proposal:

- **Page 1:** Project title, main image (this should be the lead image to represent your project in online galleries, press releases, and other publicly-oriented materials) and project description (maximum 300 words). The description should include the following:
 - How does your proposal contribute to the Sustainable Campus of the 21st century?
 - How your proposal responds to the site and its surroundings?
 - How does your proposal reflect the 17 sustainable development goals as presented by the United Nations?
- **Page 2:** Plan of the site in 1:1000 scale on A3 (as marked in the attached .dwg document).
- **Page 3-6:** The layout and content of these pages is up to you. Use it to describe your proposal in the best way. The pages should include diagrams, maps, data visualisations, renderings, section or elevation drawing or other drawings that support your proposal.

08.02 Additional Submission Contents

- **Registration Form:** Each individual/team must upload one separate PDF file with registration form, including project title and names of the participating team members. The form can be downloaded on the website or can be found in the Site Folder. File must be no larger than 5MB in a pdf format.
- **Proof of Study:** A separate PDF file, with proofs of study of all participating members, providing evidence that all the team members have a student status at the date of competition announcement, must be also uploaded together with the submission. File must be no larger than 5MB in a pdf format.

08.03 Anonymity

On the competition website, teams will be asked to upload registration form with names and contact information for all the team members in a separate file during the submission. Jurors will not see this information.

No marks revealing the identity of the competitors are to appear in the submitted proposals.

08.04 Language

All entries must be in English, with any measurements provided in metric units.

- 08.05 Deadline** All competition proposals (1 PDF competition proposal, 1 PDF registration form and 1 PDF with proofs of study) must be uploaded using the website form at www.seedstudentcompetition.com in section Submission by noon 12:00 CET on Monday, August 14, 2017.
- 08.06 Disqualifications** A proposal will be disqualified if it is not submitted by the competition deadline, does not respect the demand for anonymity, or does not fulfil the requirements articulated in the brief.
- 08.07 Questions** Please contact the competition organizers at the provided email address seed.info@icloud.com or on the competition website www.seedstudentcompetition.com in the section FAQ with any questions by Monday, June 12, 2017.
- Answers to FAQ will be posted to the competition webpage and emailed to all registered team leaders by Friday, June 16, 2017.
- 08.08 Contact** General email address: seed.info@icloud.com
Competition manager Katerina Vondrova: katerina.vondrova@arkitektur.lth.se

09 Resources

The following are a small sample of links to websites of organisations, programs, or other resources addressing planning in the City of Lund, sustainability, and other topics or information relevant to SEED 01.

SEED Competition Website <http://www.seedstudentcompetition.com>

On the website, you can download the competition brief and the site folder with full competition materials (plans, photos, background material).

Lund Municipality Lunds Kommun: <http://www.lund.se>

Planning Department: <http://www.lund.se/trafik--stadsplanering/oversiktsplan/>

Lund Tramline <http://www.sparvaglund.se>
<http://www.sparvaglund.se/Om-oss/Pressmaterial/>
<http://www.sparvaglund.se/Om-projektet/Summary-in-English/>
<http://www.sparvaglund.se/Om-projektet/Dokument/>
<http://www.sparvaglund.se/Folj-processen/Detaljplaner/>
http://www.sparvaglund.se/globalassets/sparvag-lund/dokument/detaljplaner/tornavagen_motorvagen_e22/aktbilaga-110---illustrationsplan-a_.pdf

Lund University LU: <http://www.lu.se>; <http://www.lunduniversity.lu.se> (In English)

Faculty of Engineering (LTH): <http://www.lth.se/english>

Virtual Tour of the LTH Campus: http://www.lth.se/fileadmin/virtuell_flygtur/en/

UN Development Goals UN Sustainable Development Goals: <http://www.un.org/sustainabledevelopment/>

UN Goal 11: <http://www.un.org/sustainabledevelopment/cities/>

10 Jury Members

Jury Chairman

Peter Siöström

Associate Professor, Programme Director of Sustainable Urban Design Master Programme, LTH, Lund University; Chairman, Ax:son Johnson Institute for Sustainable Urban Design; Chairman, SUDesURBANLab; Architect SAR/MSA

Jury Members

Andreas Olsson

Course Leader, Programme Assistant, Sustainable Urban Design Master Programme, LTH, Lund University; Architect SAR/MSA

Catharina Sternudd

Head of Department of Architecture and Build Environment, LTH, Lund University; Architect SAR/MSA

Christer Malmström

Professor, Program Director of Department of Architecture and Build Environment, LTH, Lund University; Architect SAR/MSA

Cyril Pavlu

Course Assistant, Sustainable Urban Design Master Programme, LTH, Lund University; Architect, Urban Designer, COLL COLL

Harrison Fraker

Professor of Architecture and Urban Design, Department of Architecture, UC Berkeley; Ax:son Johnson Guest Professor, SUDes, School of Architecture, LTH, Lund University

Jeanette Brinkfält

Strategic Property Developer, Akademiska Hus

Jenny B. Osuldsen

Architect MLArch and Partner, Snøhetta; Professor in Landscape Architecture at Ås Agricultural University; Ax:son Johnson Guest Professor, SUDes, School of Architecture, LTH, Lund University

Johanna Wittenmark

Planning Architect, Lunds Municipality

Louise Lövenstjerne

Course Leader, Sustainable Urban Design Master Programme, LTH, Lund University; Board Member, SUDesURBANLab; Architect MSA

Viktor Öwall

Dean, LTH, Lund University

Competition Manager

Katerina Vondrova

Course Assistant, Sustainable Urban Design Master Programme, LTH, Lund University; Architect, Urban Designer, COLL COLL
Contact email: katerina.vondrova@arkitektur.lth.se

11 Collaborators



SUDes Sustainable Urban Design

The School of Architecture and Built Environment at LTH offers a Master's degree programme in Sustainable Urban Design, SUDes. The education focuses on the design of urban places and environments both in a practical and theoretical way. SUDes deals with subjects related to sustainable urban design, such as environmental planning, city and regional planning, urban design, urban space analysis, urban heritage, and urban sociology.

Students learn about the means and methods of urban sustainability and acquire urban design skills. With an interdisciplinary approach in an international settings SUDes delves into concepts of sustainability and encourages ongoing discussion and exploration. The sustainability perspective is approached from various angles. With lectures and seminars including architects, city planners, engineers, social scientists and other professionals from around the world, students are involved in the critical analysis and discourse of sustainability.

<http://www.stadsbyggnad.lth.se/english/>



LUND
UNIVERSITY

Lund Tekniska Högskola, Lunds Universitet

The Faculty of Engineering, LTH, is a faculty of Lund University and has overall responsibility for education and research in engineering, architecture and industrial design. LTH strategies are based on diversity and cross-boundary cooperation and are characterised by gender equality, participation, quality and renewal.

Lund University and the Faculty of Engineering are consistently ranked as one of the top 100 universities in the world. These rankings measure the quality of education, research, innovation and internationalisation, among other things. Two of the world's leading material research facilities are currently being built in Lund: MAX IV, which will be the world's brightest synchrotron light source, and ESS, which will be home to the world's most powerful neutron source. Both of these research facilities will have a significant impact on scientific and industrial developments in the future.

<http://www.lth.se>



AKADEMISKA HUS

Akademiska Hus

Akademiska Hus is one of Sweden's largest property companies. In collaboration with universities and colleges, Akademiska Hus aims to reinforce Sweden as a nation of knowledge. In Sweden there are 51 centres of education in 29 towns and cities. Akademiska Hus is by far the largest property owner specialising in Swedish centres of education with a market share of 60 per cent of the total floor space.

<http://www.akademiskahus.se/en/about-us/about-akademiska-hus/>

**Lunds Kommun**

Lund Kommun is a municipality in Skåne County, southern Sweden. Its seat is located in the city of Lund with more than 87 000 people (in 2015). The city was founded in around 900. The Lund University, established 1666, is today one of Scandinavia's largest institutions for education and research.

<https://www.lund.se>

SUDes
Sustainable Urban Design



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www.seedstudentcompetition.com