

CIAT

Europe Centre aspirATion Magazine



Issue No 1 May 2018

CIAT aspirATion Group Europe Centre

VIA University College Campus C | Aarhus | Denmark

Contents

What is CIAT?	3
Europe Center Councilor	4
Lab session	5
Exchange semester	6
The internship experience	7-9
Student profiles	10-13
Building showcase	14-17
Student project showcase	18-19



The Team

Denis Kapitanov (Lead editor), Daniel Deleuran Carlsson (Writer), Reikai Ewan Campbell (Lead Designer), Filip Fot (Writer, Designer), Anna Gnat (Writer), Tom Houlton (Writer, Editor), Liva Jermacane (Writer), Martina Markulin (Publishing Manager)



This issue contains articles that were revised and edited (November) after the initial release of the CIAT Aspiration group magazine.

Filip Fot
4th Semester Int.

Author : Filip Fot
Occupation: Student, (4th semester)
Nationality: Croatia

What is CIAT?

The Chartered Institute of Architectural Technologists is a professional association formed in 1965, back then under the name 'Society of Architectural and Associated Technicians- SAAT'. CIAT is owned and operated by its members out of London, UK. Currently, the Institute boasts a total number of 10,000 members worldwide and the aim is to represent all those studying and working within the architectural technology discipline, to lead and promote the discipline itself and protect its standards, as well as to enhance the profile of CIAT and the membership. CIAT is also constantly working on providing services for the benefit of members by lobbying, sponsoring and creating events both in the UK and abroad.

There are several grades of membership - ranging from the highest level; Chartered, Technician, Associate, profile candidate and a student membership. Becoming a member provides many benefits in the respective field of work, such as designation, recognition of skills and competences, local, national or international lobbying, employability, Chartered status, stamp of quality, exclusive job opportunities through Royal Association of British Architects, as well as recognition of competence if joining KF (Konstruktørforeningen) in Denmark and the Association of Architectural Technologists of Ontario (AATO), including various financial reliefs and subscription offers.

International

The Institute is keen on having Architectural Technology recognized

as an essential and respected profession and that is why it continues to promote the professional abilities of those practicing in the discipline, establish international relationships with likeminded associations and institutes.

In the spirit of international growth and recognition, CIAT has already given seven European Centre titles to countries with a substantial member count who have formally requested the status. Important to mention is that in Denmark, the KF (Konstruktørforeningen) accepts members of CIAT with an Honours Degree (or equivalent) in Architectural Technology members (M.A.K.) of the Institute within a period of four months from receipt of application.

CIAT AspirATion Group Aarhus and the CIAT magazine

AspirATion groups are established within Regions and Centres in the spirit of promoting the profession, and that is why a small group of students from VIA University College in Denmark formed the CIAT AspirATion Group Aarhus in hopes to illuminate the mission and vision of CIAT. The Group is ever growing in numbers and persistently trying to promote itself through social events and small gatherings, as well as establish relationships among students and companies for future employment. This is where the CIAT magazine comes into play. It is mainly tailored to current and future students of the ATCM program who would like to see what the future in this profession holds for them.



Paula Bleanch MCIAT, Chartered Architectural
Technologist Europe Centre Councilor

Hi! I'm Paula and I'm Counsellor for the Europe Centre. My job is to represent European members to CIAT, Council which convenes twice a year.

aspirATion Group

I'm so impressed with the super work the aspirATion Group has been doing and so pleased to see that the team has attracted many new student members who are super dynamic and full of great ideas. Martina has been doing an outstanding job leading the group with the assistance of Søren. I'm absolutely thrilled to be working with everyone on the aspirATion team and I'm so excited about the launch of the newsletter and delighted to be asked to contribute to the first edition!

About the Europe Centre

There are well over one hundred members of the Europe Centre in total. Two thirds are students and one third are Associate

or Chartered members. The members represent the profession across nineteen different countries. At the moment Denmark leads the pack with over half of all members working and studying in the Danish regions of Copenhagen, Aarhus and Horsens. Architectural Technologists (or "Constructing Architects" as they are known) are a well-regarded and important part of the design and construction industry in Denmark, however I am well aware of the fact that the role of the AT is not always as easily understood or appreciated in other countries and our ongoing goal is to promote Architectural Technology and support out members across Europe.

LAB SESSION
ARCHITECTURE AND
AESTHETICS AT
SYDHAVEN

Author : Anna Gnat
Occupation: Student, (4th semester)
Nationality: Poland

The Event

On the afternoon of March 5th, a group of students from 4th semester ATCM had the pleasure to participate in a Lab Session. The session was focused on the characteristics and the aesthetics of Sydhavnen. Sydhavnen (syd = south, haven = harbor) is a very old part of Aarhus, recently under renovation, with a space for new and unique architecture - you might know it for "The Iceberg". The main question of the session was oriented around the looks of this part of town in the nearest future- 2, 5 or 10 years from now.

To answer these questions, a number of professional representatives offered their opinions; Søren Leth (SLETH A/S), Lars Bendrup (TRANSFORM) and Stephen David Willacy (the City Architect of Aarhus). The whole event was organized around the competition winning proposal for a bridge connecting Aarhus with the harbor area called "Kulbroen" made by a local team consisting of TRANSFORM, Dissing+Weitling, Lendager Group, Søren Jensen and VEGA. Kulbroen will be the starting point of the development of the South Harbor.

How did it Start

Kulbroen means coal bridge in Danish. The name was inspired by 160 meters of track for coal crane towers. It was used to transport coal to the city's power plant back in the '50s and '60s..

In connection with the past, in 2014 a new, green pathway on top of the old Coal Bridge was proposed. It was inspired by the old subway bridge High Line in New York. Since that time the development of a new Bridge has commenced.

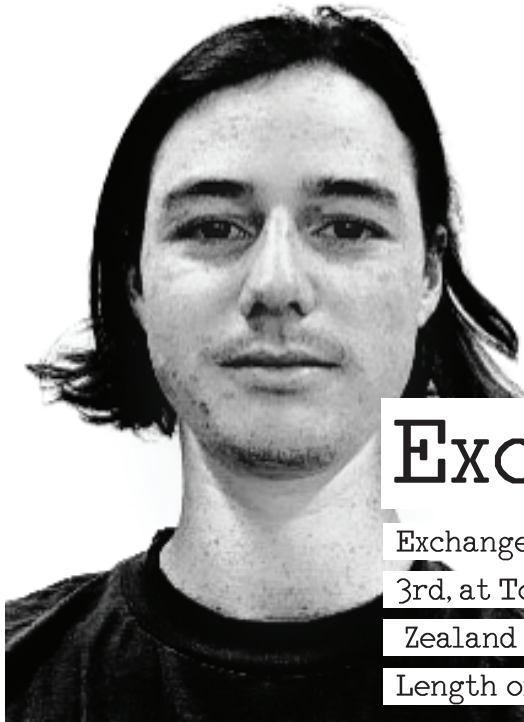
Coal Bridge Lab

The specific character of the Coal Bridge area touched a lot of people and led to a number of different projects trying to emphasize the unique history of that place. The Lab was created to gather the friends of the Coal Bridge. They collaborate together to use their knowledge and experience in city development. These are the people that can make things happen and they want to preserve the industrial history of the harbour. The Coal Bridge Lab is an open forum that will contribute to promoting and developing their neighborhood.

The Future

The vision of the Coal Bridge Lab is to connect. The intention is not to merely physically connect Sydhaven and the surrounding areas of Aarhus but also to create a harmony between business and night life, between the past and the future, between buildings and people.

Creating something that is both modern and unique is difficult. Combining this ideology with elements of the past might be even harder. The initiative of the Friends of the Coal Bridge on a sustainable project that is serving the city and its people will at the same time, serve as a representation of the history, and a plan that will be a guideline for a future development for Sydhaven.



Exchange Semester

Exchange semester location & institute name:

3rd, at Toi Ohomai Institute of Technology in Tauranga, New Zealand

Length of exchange: 6 months the entire 3rd semester

Name: Magnus Saeby

Occupation: Student 4th semester

Nationality: Norwegian

Author : Tom Houlton

Occupation: Student, (4th semester)

Nationality: English

Reasons for going on exchange in chosen location: I was born in New Zealand and have not been there since 2000, so I saw it as a great opportunity to get a chance to go back there, I would also prefer to go somewhere far away from Denmark because I don't often get a chance to travel further than Europe.

Difference(s) in teaching methodology?:

It is entirely individual work, often the teachers over there had their screens on

the white board, we would follow along and basically copy what they were doing, this was mostly when working with ArchiCAD. The teachers when finished presenting would go around to each student to see if they needed any help and how far along we were, this kept us all on track.

Did you learn something new over there?

I really got the hang of ArchiCAD which I cannot use here in Denmark. I learned about the building regulations there too which were quite different to here, for example insulation is not a demand in NZ. Also, In NZ they don't use silicon for joints as the sun there will destroy it quite quickly.

How was the cultural experience?

The culture in New Zealand is entirely different to Denmark, everyone you meet just wants to talk and make a bunch of jokes, the people seems to be a lot more

relaxed and more open to chatting to people they havnt met before. The public transport is terrible there but most people own cars, which come at a good cost so be prepared to invest in a car. The Maori culture is very special as well and there are a lot of sacred places and people with tattoos all over their faces.

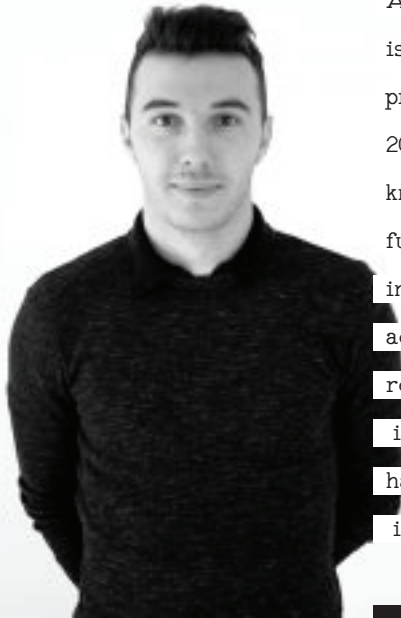
Recommendation(s) for potential exchange students considering NZ?

I would recommend New Zealand as a place to go on exchange especially if you enjoy the nature, there is something to see every 10km and just driving through the country is breath-taking with mountains and tropical trees everywhere. Usually the weather is also beautiful, so many people go to the beach

The Internship Experience

The internship experience through the eyes of an international student working in Denmark.

As a student on the ATCM program at VIA, every student is granted a unique experience of being an intern in a professional company within the field. In a period of 20 weeks, students are not only able to portray their knowledge obtained throughout the education, but also to further enhance their practical skills required for the industry. This series of articles aims to shed light on the actual experience of students and what their professional responsibilities are during the 6th semester. In this first interview, I spoke to a young international student who has travelled a long way to take fulfill their practical internship.



Author : Denis Kapitanov
Occupation: Student, (4th semester)
Nationality: Bulgaria

Hello Antonio! Tell us a bit more about yourself.

Hello to all Architectural technology enthusiasts!
My name is Antonio, I am 22 years old, originally from Bulgaria. I am enrolled in the Architectural technology and Construction management program at VIA University, Aarhus Denmark. Right now, I am working in an architecture office in Copenhagen.

What made you travel such a long way to start this education? What is your personal motivation?

My personal motivation sums up to a couple of criteria I had when I was about to choose my career path: I've always

seen myself as a team-player, so working in a great team was a must. What is more I have always wanted to be able to solve problems on a daily basis, to express my creativity and be able to see, feel and evaluate my effort in the final product, opposed to just doing repetitive/meaningless (on a personal level) work. I believe this is what I am looking for in my professional life and choosing this education and career path definitely lives up to my expectations so far.

Tell us, in which company did you work and what were your obligations?

I am currently working for Schmidt Hammer Lassen's office in Copenhagen. My main obligations are BIM Modeling, drafting, and providing input when it comes to solving technical solutions. Moreover, I am working directly with BIM coordinators and architectural technologists in the Project Development department.

Therefore, I presume working in such a big company also means that you are also communicating with the architects often, am I right?

Although I am hired as a Constructing architect/ Architectural technologist, I have the great chance to work in a very close relation with architects on a daily basis. Often, I am given tasks directly from a senior architect which gives me the chance to experience not only the technical design workflow, but also the purely aesthetic values in such a company.

What was the university role in the process of finding an internship? Did the school help in some way to land/find an internship?

The university definitely helped me to find an internship in the way of providing me with the decent amount of knowledge, but I cannot say I got any direct help or assistance. Not that I could not have it if

I was struggling, I just chose not to. It felt like a real competition for a job, which was a very positive experience.

As an international student did you feel it was hard landing an internship in Denmark?

It is certainly more challenging than not having the language barrier, but you have to aim for the right companies that have international projects and are positive about internationals.

Denmark has great companies working with clients from all over the world. I would say it was hard, but not impossible.

Since you have started your internship just a few months ago, based on your personal experience, what are the companies looking for in a student's portfolio?

I feel like that is an important topic for all future interns. In my personal experience, when looking for a position as an architectural technologist, it is crucial to be able to "show off" your technical knowledge and that is, of course, by presenting your technical drawings. Well structured floor plans, sections, elevations and details is what the companies are looking for in an intern, as well as being able to back up your knowledge at the interview.

I know for a fact that companies don't/can't spend a long time reviewing your portfolio, so it is important to make it systematic and easy to go through. Another crucial factor in my opinion is that you can present good communicational skills and motivation for the position you are applying for. It's important to be self-confident and generally positive, but not a "try-hard" kind of person.

How did the application process go? How many companies did you apply for?

Before the actual application process, I did my research and found about 10-12 companies in Denmark and abroad that I thought are great architectural practices and I would love to be part of. Some of them declined, a couple answered with an invitation for an interview, but I only went to talk with the company I was most fond of since the beginning and that's how I ended up getting the position.

As you have previously mentioned your portfolio has to be well structured and organized, how much time did you spend on your preparation?

I started preparing about 2 months before we actually got the presentation about the internship from the university.

Do you have any advice for the future interns?

Start as soon as possible, try not to rush it, put some thought into your applications and spend the time to make them company specific, instead of writing something generic and send it to everyone.

We cannot go without talking about the working environment, what is like in the office? What is the overall atmosphere and how are your colleagues?

I am genuinely surprised in a positive way about the overall atmosphere in the office even though I had high expectations about it.

There's something about the Danish working culture that fascinates me. The amount of effort put into making people feel comfortable, socialize with each other and feel part of a what we often refer to as a "family" is truly engaging in a

very sincere way.

The colorful combination of so many nationalities and cultural backgrounds makes it an amazing experience. I feel welcome and supported.

Speaking of your experience at work, I would like to ask you what was your involvement in the projects that you worked on?

I was treated as any other employee in the company. On a project team level, I was always listened to if I had something to say, I was involved in all project meetings, etc. As an intern your knowledge capacity and experience in real life situations are not as developed in order to be able to make big decisions, of course, but I felt like I was always invited for a discussion in any matter that was relevant to me.

That is very pleasing to hear! I think being treated as equal, despite the fact you are still an intern boosts your confidence, furthermore it also improves your learning curve. Looking back to the university, to what extent does the education at VIA reflect on the industry?

I can say in general the education is great and it covers a lot of relevant subjects in the industry. It gives you a solid foundation to work on and develop furthermore. The lecturers are giving their best effort to prepare us for the real-life situations as much as that is possible in a university environment.

The one setback I feel the university environment has is the lack of diversity in the software that is taught apart from Revit. Now that I had the chance to get to see the office workflow, it is interesting for me why an architectural software such as SketchUp is covered by the university, but AutoCAD is not. The schedules are

obviously tight, but it is very relevant to us as architectural technologists to have at least some basic coverage of at least AutoCAD, which is still widely used in the industry and even sometimes required.

Having said all that, did you feel prepared enough with what you have learned so far in the semesters before the internship?

In my personal case, I got selected to work on a huge scale project that I never had the experience to work with before at the university.

What was important for me is that I had the right systematic approach and I have learned how to analyze and work with problems I have never faced before. That's what the university is really good at. Teaching you how to approach the challenges, what to look for, how to discuss and present your ideas, how to work in a team towards finding the right solution.

Spending almost half a year away from the university, working in a professional environment must have influenced you somehow. How did the internship change you as a person or professional?

I have definitely become more confident in my skills, even though the learning curve is very steep. You literally learn and improve your professional and social skills by the day.

I have experienced real-life client-architect relationship, municipality discussions, tight budgets, cross-disciplinary professional communication between architects and engineers. All of these things are something that has been missing in the university environment and it changes your attitude and work ethics towards the profession. It makes you work more precisely and organized, be as productive as possible.

Did that period of working in a company had an impact on your career development directions?

It helps me navigate towards what I really want to specialize in.

I am now close to finishing the education program at VIA (hopefully) and the next big step for me would be to go for a Masters degree.

As a graduated architectural technologist, there are many areas you can decide to work in. The internship is a great experience in many ways, and one of them is being able to evaluate if you truly enjoy working with what you think you like.

I believe that if I have to sum up the best and most important

thing for me, that would be being able to communicate with

seniors in the industry that one can learn so much from.

STUDENT PROFILE

The CIAT aspiration group is a new organization which gathers Architectural Technology and Construction Management students from different semesters at VIA University College, Aarhus. It is a great opportunity for students to expand their network and share or gain knowledge in their respective field. To further understand why students are becoming members, short interviews are conducted, shedding light on their personal motivation and what do they expect from the future of the organization.

Why have you chosen to become a member of the CIAT aspiration group?

To become a part of the work CIAT does. Meet more people across the semesters and create a bigger network. Learn more about our profession, get something extra from our studies, participate in events, company visits etc and maybe discover new/more opportunities.

How and where did you hear about the CIAT aspiration group?

Michael Ronnøw told me about it and then I contacted Martina to hear further about the group.

What is your personal motivation and goal being part of CIAT?

My goal is to learn from the group and learn from other members, be an active member and spend part of my free time on something related to the field which I am studying within.

Are you planning to continue participating in CIAT after your graduation? Why?

- I am only 1st semester now and just joined the CIAT so it is hard to tell.

Name: Frederikke Bruun

Occupation: Student (1st semester)

Nationality: Danish

Author : Liva Jermacane

Occupation: Student, (4th semester)

Nationality: Latvia

“I learn more about the profession and get some more out of the study as well as the opportunity to participate in the different kinds of events “



“I am so proud today of how far we have come and what is in front of us. “

Name: Martina Markulin
Occupation: Student, Chairman for
CIAT Europe Centre Aspiration group
(4th semester)
Nationality: Croatian

Author : Liva Jermacane
Occupation: Student, (4th semester)
Nationality: Latvia

Why have you chosen to become a member of the CIAT aspiration group?

A year ago, during Career day, Paula Bleach was giving a presentation about CIAT, I found it highly interesting and inspiring. 6 months later, Paula was speaking at the International students day. I approached her again, and we started to chat. She proposed to start an AspiATion group in Denmark.

The idea was very appealing to me because I could see so many benefits it would bring on a personal level, to my colleagues and to VIA. Kristiana Sola from Horsens was my founding partner. It was the first day of October 2017 when this group became reality. I am so proud today of how far we have come and what is in front of us.

How and where did you hear about the CIAT aspiration group?

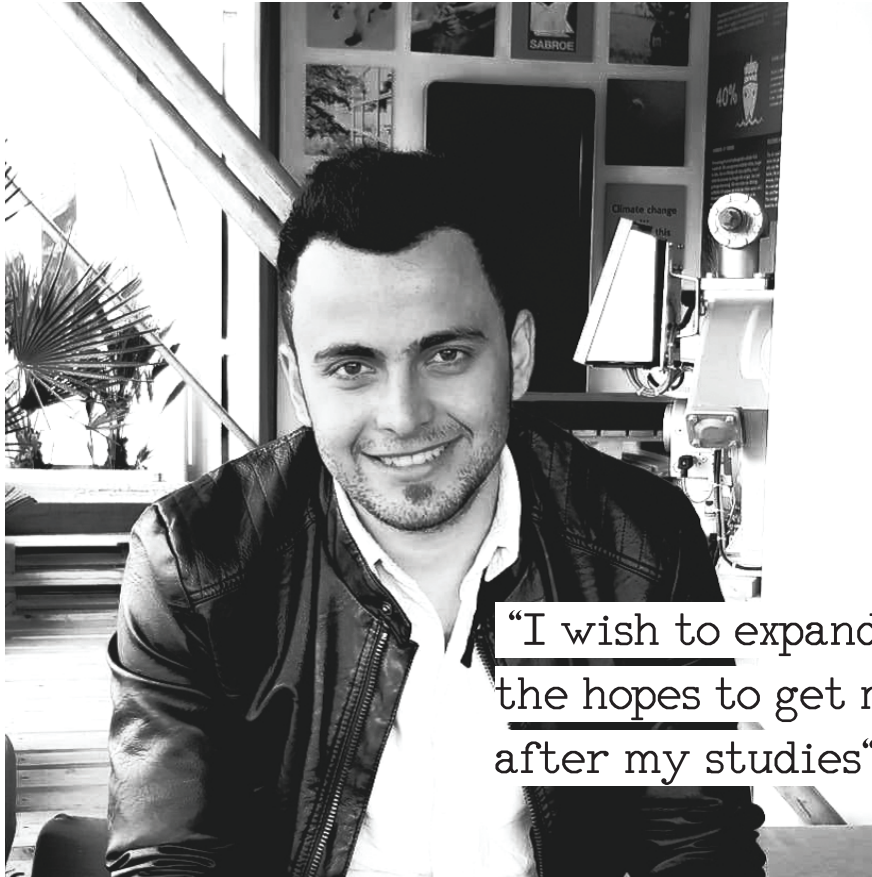
From Paula Bleach, 1 year ago, at Career day

What is your personal motivation and goal being part of CIAT?

Networking, possibility of working in Commonwealth countries, develop leadership skills, practice presenting skills, exchange knowledge with my fellow students; there are many!

Are you planning to continue participating in CIAT after your graduation? Why?

Yes, definitely. CIAT is growing each year, and I am looking forward to more and more professionals becoming part of the Institution. Furthermore, I would like to give back and help students during their studies - the same way as Chartered members are helping us now.



“I wish to expand my networking with the hopes to get more opportunities after my studies“

Why have you chosen to become a member of the CIAT aspiration group?

To support my education to be recognized internationally

How and where did you hear about the CIAT aspiration group?

I heard about CIAT from students who were part of the CIAT Aspiration group giving a presentation to our international class

What is your personal motivation and goal being part of CIAT?

I wish to expand my networking with the hopes to get more opportunities after my studies

Are you planning to continue participating in CIAT after your graduation? Why?

Yes, I wish to continue being a member even after my graduation since if I happen to move to another country it can be seen that I am a chartered construction architect

Name: Khalil Kal-Hussein

Occupation: student (ATCM 3rd semester)

Nationality: Kurdish from Kurdistan

Author : Liva Jermacane

Occupation: Student, (4th semester)

Nationality: Latvia



“I believe it is beneficial to be part of a large international organization, as it will bring you the latest news on technologies and products in the field,“

Name: Peter Christensen
Occupation: Student,
(3rd semester)
Nationality: Danish

Author : Liva Jermacane
Occupation: Student, (4th semester)
Nationality: Latvia

Why have you chosen to become a member of the CIAT aspiration group?

For the chance to gain knowledge outside of class, through company and building site visits, companies doing presentations at the school, and other events.

How and where did you hear about the CIAT aspiration group?

Through the school. On second semester, a few students knew about the group, and a couple of teachers talked about it, but mainly it was through the members themselves, coming to our class talking about the group and the possibilities.

What is your personal motivation and goal being part of CIAT?

The ATCM profession is not as widely spread as engineering or architecture, so it is nice knowing that you have a large international union, being able to back you up, approve what you work with, and communicate what our education background and skills are.

Are you planning to continue participating in CIAT after your graduation? Why?

Yes I will, because I believe it is beneficial to be part of a large international organization, as it will bring you the latest news on technologies and products in the field, provide you the knowledge and tools to help you improve yourself, gain contacts, and bring you opportunities in your career.

Building showcase

This section is meant to give a little insight in what is being built in Denmark right now with an extra focus on Aarhus. The idea is to focus on buildings which could wake interest for students as well as workers and companies. Maybe you will see something interesting, which could give you an idea on your ongoing/future project, or it would be a kick-start to get in contact with the architects/engineers behind the building.

Author : Daniel Deleuran Carlsson
Occupation: Student, (4th semester)
Nationality: Denmark



After 8 years of waiting, 71 year old hotel owner Jens Richard Pedersen is ready to realize his dream "La Tour Tower". The old hotel is being demolished and a new 95 meter tall building spread out on 31 floors will rise from the ground. The purpose of the new 23.000 m2 high rise is to provide 311 rental apartments, with the main target group to be students.

The vision behind La Tour is to create a building in Aarhus which would stand out of the daily picture, but still blend into the environment on a natural way. La Tour is being built on the tallest place in Aarhus, which will make it visible from most of Aarhus, and make it apart of the city skyline.

La Tour Tower
Architect: 3XN
Engineer: Rambøll A/S
Place: Randersvej 139, 8200 Aarhus N
Expected completion: May 2020.



Image source:
<https://stiften.dk/aarhus/Saadan-skydes-byens-hoejeste-hus-i-gang/artikel/427993>
<https://www.nybygget.dk/property/la-tour/>

Trianglen

Architect: Arkitema Arkitekter

Engineer: Midtconsult

Place: A. Hertzsøvej 4, 8000 Aarhus C

Expected completion: October 2019

Named after the shape the "triangle" or "Trianglen", is a new city block with a total of 367 homes and 6 commercial properties. With its huge 60.000 m², Aarhus commune is aiming for a new residential area located close to the main city, shops, schools and the new recreational area "Godsbanen". Trianglen is designed with a big courtyard together with big orangeries on top of the buildings, to encourage the social bond between the residents.

Trianglen is designed with a lot of different facades and forms on the individual buildings, for the reason of splitting the daily view of the block, "you will always notice something new you didn't see last time you went by".



Image source:
<https://www.nybygget.dk/property/trianglen-aarhus/>

Yard House
Architect: Holgaard Arkitekter
Engineer: Erik Pedersen, Rådgivende
Civilingeniører F.R.I
Place: Artillerivej 132, 2300 København S
Expected completion: Completed 2015

If you are looking for a house where everything from design, and materials to energy consumption and flexibility is important, the “Yard House” is what you’re looking for. This building is hosting 16 families, where the houses has been designed on the premises of the residents. All the buildings are designed with top priority on quality, both inside and outside, and with a big focus on utilizing the sunlight through the entire day, which is one of the reasons why this project has been given an energyclass A mark.

It is possible to fully open one of the facades of the building, to connect your house to a private outside courtyard, with a fully-grown plant-wall up against your neighbor’s façade wall. Even though this project has been finished, it is defiantly worth a visit, since it is so different from what we normally see in todays family homes.



Image source:
<https://www.nybygget.dk/property/yard-house/>
<https://www.nybygget.dk/property/yard-house/>

Lighthouse
Architect: 3XN
Engineer: Rambøll A/S
Place: Helga Pedersens Gade 1-7,
8000 Århus C
Expected completion: August 2020



On the best location in town, the last stage of making the new island “Århus Ø” is about to take place. It is going to be finished of with what is going to be Denmark’s tallest building “Lighthouse”. With its 40 stories and 65.000 m², the build is going to be housing 350 apartments, public areas both inside and outside and a 300 degrees lookout point from the top of the building together with a restaurant.

Already now stands the first two stages of this building section, where it is possible to see the architectural style the Lighthouse is going to follow. Århus Ø is defiantly worth a visit, as it is in many eyes right now a building mecca.



Image source:
<https://www.nybygget.dk/property/lighthouse/>
https://stiften.dk/article_gallery/446769

Semester project showcase

This article showcases student projects in the Bachelor program of Architectural Technology and Construction Management at VIA University College - Campus C, Aarhus. In this issue we picked a 2nd semester project from a student group in the international class of ATCM.

2nd semester project, international class, ATCM, Spring 2017

Project group: Natalia Nawrocka (NN), Denis Kapitanov (DK), Daniel Deleuran Carlsson (DC), Filip Fot (FF)

**Author : Filip Fot
Occupation: Student, (4th semester)
Nationality: Croatia**

NN: The 2nd semester project revolves around a 2 ½ storey family house up to 200 m² with a basement. Across the semester, upon receiving the project brief, we are mainly covering the initial outline phase and the scheme design phase, where all pivotal decisions to the project are made. We were also given a business case, meaning we had to connect the project to a fictional construction company in need of an overhaul of the business model to stay up to date with the upcoming trends of the building industry.

DC: The challenge was to brainstorm and find a way to reform the company and save it from bankruptcy through innovating the context, design, building components, construction and production methods for houses. This is the semester where we were introduced to the process of calculating the complete energy frame of the building through new tools with embedded regulations such as BR15 guidelines and Statens Byggeforskningsinstitut (SBI) directions.

DK: In this manner we created a sustainable modular home and explored whether it is possible to build an architecturally attractive class 2020 home with increased fresh air flow and reduced carbon emissions over the whole life cycle of the building and at the same time lower the price of the square meter compared to the current market. The core of the business concept is an innovative combination of construction and design.

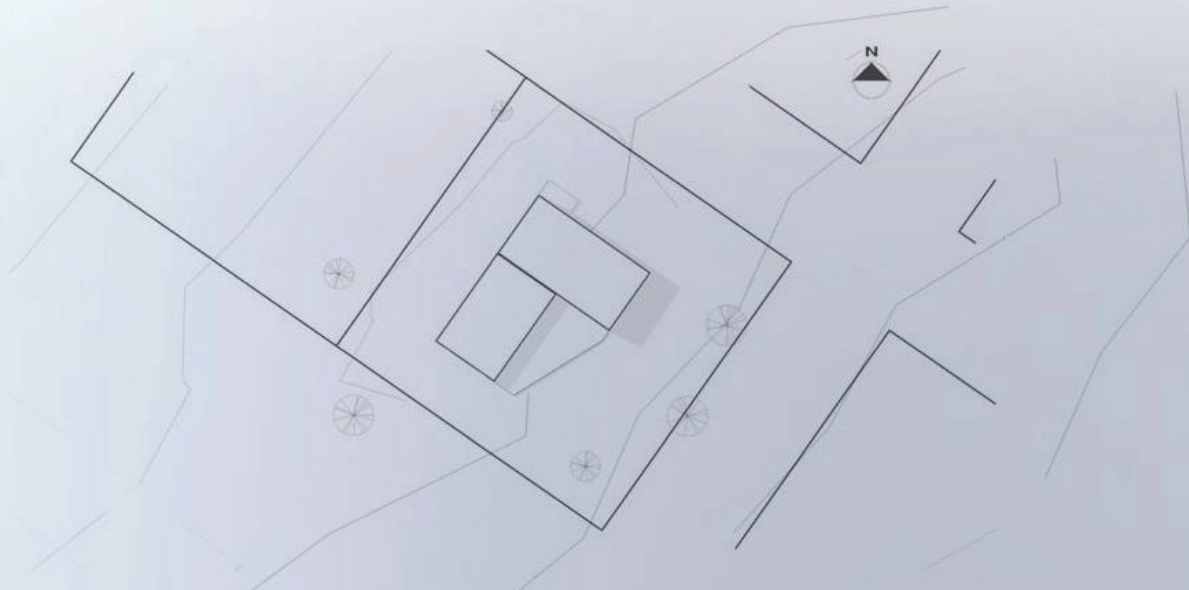
FF: The key feature of the house is prefabricated modular design with an accent on simplicity and flexibility. The house was affordable to build thanks to inexpensive material and quick assembly. This modular concept of a house is environmentally friendly throughout its entire life-cycle. Materials are chosen so that we minimize the carbon footprint as much as possible and provide a cozy environment to live in.

NN: This project not only had to include the design and construction of the building, but also other aspects like project planning, personal planning of our time, construction scheduling, collaboration and communication strategies within the group and integration with tools relevant to Danish building industry.

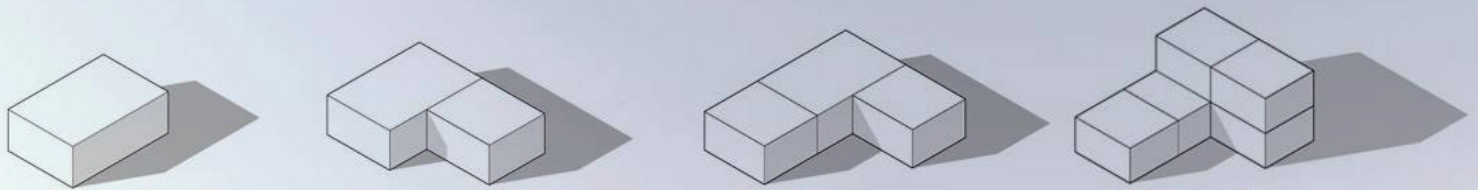
SUSTAINABLE MODULAR HOME

Daniel Carlsson | Denis Kapitanov | Filip Fot | Natalia Nawrocka
VIA University College | Aarhus - Denmark | Class 2016/2020

Is it really possible to build an architecturally attractive class 2020 home with increased fresh air flows and reduced carbon emissions over the whole life cycle and at the same time lower the price of the square metre compared to the current market?



The core of the business concept is an innovative combination of construction and design. The key feature of the house is prefabricated modular design with an accent on simplicity and flexibility. The house is affordable to build thanks to inexpensive materials and quick assembly.



Europe Centre aspirATion Magazine

Issue No 1 May 2018

CIAT aspirATion Group Europe Centre

VIA University College Campus C | Aarhus | Denmark

