

## CURRICULUM VITAE

**Name** Janssens  
**First name** Bart

**Date of birth** Antwerp, August 8<sup>th</sup> 1978

**Nationality** Belgian

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[bart.janssens@uhasselt.be](mailto:bart.janssens@uhasselt.be)

**Profession** Architect - manager (2005 - ...)  
Architect Bart Janssens Com V (Atelier Noest)

### **Past**

(2016 – 2021)

#### **Doctor-assistant 'Architecture & Sustainability'**

Faculty of Architecture and Arts – Hasselt University, Belgium

- **Director / academic coordinator** Building Beyond Borders Postgraduate Certificate
- **Design & Build coordinator** hands-on research and education

(2008 – 2017)

#### **PhD researcher - Scientific collaborator**

University of Antwerp, Belgium

**Languages** Dutch: mother tongue  
English: fluent in reading, writing and speaking  
French: intermediate in reading, writing and speaking  
German: intermediate in reading, writing and speaking

**Education** Koninklijk Atheneum, Malle  
Programme: Modern languages and mathematics  
*Award: Prize for dedication and determination*

Hogeschool Antwerpen – Keizerstraat 15, 2000 Antwerp  
Departement of Design Sciences, Architecture  
*Award: Graduated Summa Cum Laude*

Artesis Hogeschool Antwerpen – University of Antwerp

**Doctoral dissertation: Design Support for Sustainable Building:  
Guiding-into-action tools tailored to architect-designers**

**Diplomas**

Architecture

*(Summa Cum Lauda, prize of honour 'ereburgemeester Bob Cools')*

Hogeschool Antwerpen – Departement of Design Sciences

(diploma 2002)

PhD in Architecture

University of Antwerp – Faculty of Design Sciences

(diploma 2015)

**Further education**

2019 – Expert day 'Klimaatadaptief en circulair bouwen' (Pixii)

2018 – Expert day 'Circulair bouwen' (Pixii)

2017 – Workshop 'Sustainable Building Techniques' (C-re-aid – Moshi, Tanzania)

2017 – Berekenen van bouwknopen (Pixii)

2017 – De AXII-planner, tool voor gefaseerde renovatie (Pixii)

2016 – Expert day 'doorgedreven isolatie / Bouwschilrenovatie' (NAV)/  
'Bouwdetails in de praktijk' / Passive for Architects

2014 – Study day 'Bioklimatische architectuur' (Vibe)

2013 – Study day 'Alternatieve woonvormen' (Syntra)

2012 - 2013 Postgraduate degree 'Integraal Innovatief Duurzaam  
(ver)Bouwen' (XIOS)

2012 - License 'BREEAM International Bespoke Assessor' (BRE, UK)

2012 – Study day 'Houtskeletbouw: opbouw, technische  
mogelijkheden en innovaties voor de architect' (Vitruvius Academy)

2012 – Study day 'Bouwschil: actieve huid' (Universiteit Gent)

2011 – Study day 'Onderwijskundige professionalisering: Begeleiden en  
beoordelen van scripties: bachelor- en masterproeven' (ECHO – UA)

2010 – Course 'Giving presentations in English' (Linguapolis – UA)

2010 – Course 'Writing academic papers in English' (Linguapolis – UA)

2010 – Course 'Bouwpathologie – Onvolkomenheden in de isolatie van  
de gebouwschil / Scheuren in gebouwen' (WTCB)

2009 – Course 'passief bouwen voor professionals' (PHP)

2009 – Course 'Bouwknopen / Koudebruggen beperken door een slim  
ontwerp' (Vitruvius Academy)

2008 – Course 'EnergieBewust Architect' (NAV)

2005 – Course 'EnergiePrestatie en Binnenklimaat' (Syntra)

**Hobby**

Endurance sports and challenges

(triathlon, ultra & trail running, open-water swimming)

Traveling and nature

Hands-on building and experimenting with regenerative materials

## OVERVIEW SCIENTIFIC ACTIVITIES AND PUBLICATIONS

### Past and current research

- 2016 - ...      Overall  
Sustainability  
Design Supporting Tools tailored to Architects  
**Building with Adaptive Ability**  
**Building in an International Context**  
**Circular building**  
**Building with regenerative materials (wood, lime hemp, earth, ...)**  
**Translating traditional building techniques into contemporary building methods**
- Building Constructive  
**Non-conventional materials and construction methods**  
Detailing (Architectural, Durable, Prefabrication)  
Durable Construction  
**Simplifying contemporary construction**  
**Prefabrication concepts**  
Deep energy renovations  
Roadbook Design for Sustainability / Energy Efficiency / Highly Insulated buildings
- Physical Spatial  
Transitional Spaces – from spaces to places  
Dense Housing Projects
- 2008 - 2015      “Sustainability Design Supporting Tools tailored for Architect-designers”  
Doctoral research Faculty of Design Sciences – University of Antwerp  
Doctoral Commission:  
Prof. Dr. Aviel Verbruggen (University of Antwerp)  
Prof. Ir. Arch. Lucien Denissen (University of Antwerp)  
Prof. Dr. Machiel Van Dorst (Technical University Delft)  
Prof. Dr. Ann Verhetsel (University of Antwerp)  
Doctoral Jury:  
Prof. Dr. Paula Femenias (Chalmers University of Technology)  
Prof. Dr. Paula Cadima (AA Graduate School of London)  
Prof. Dr. Lara Schrijver (University of Antwerp)
- “Architectural and economic feasibility of upgrading the energy performance of buildings”  
Part of doctoral research Faculty of Design Sciences – University of Antwerp  
In collaboration with:  
Prof. Dr. Aviel Verbruggen (University of Antwerp)  
Mohamed Al Marchohi (University of Antwerp)

## Scientific publications

- 2020      **Janssens, B.**, Winkels, P., Coeckelberghs, N., Verbeeck, G., Knapen, E.  
“Building Beyond Borders: Project-based learning from, with & for the world”  
Proceedings of the 35rd international Conference, 2020, A Coruña, Spain
- Knapen, E., Neelen, N., Claes, I., Vandoren, B., **Janssens, B.**  
“Thermal performance of real-life in-situ cast lime hemp walls in Flanders”  
Proceedings of WSBE 20 - World Sustainable Built Environment - Beyond 2020,  
Gothenburg, Sweden
- Verbeeck, G., Knapen, E., Winkels, P., Coeckelberghs, N., **Janssens, B.**  
“Proceedings of 1st Fall Symposium Building Beyond Borders; Reflecting on the  
dynamisms of intercultural collaboration in build projects”
- 2019      **Janssens, B.**, Knapen, E., Winkels, P., Verbeeck, G.  
“Outcomes of a Student Research Project on Circular Building Systems – Focus  
on the Educational Aspect”  
Proceedings of SBE Graz (Transition Towards a Net Zero Carbon Built  
Environment), 2019, Graz, Austria
- Van der Linden, J., Knapen, E., **Janssens, B.**  
“Potential of contemporary earth architecture for low impact building in  
Belgium”  
Proceedings of SBE Graz (Transition Towards a Net Zero Carbon Built  
Environment), 2019, Graz, Austria
- Van der Linden, J., Knapen, E., **Janssens, B.**  
“Earth as a contemporary design object”  
Proceedings of CA2RE, 2019, Ghent, Belgium
- 2018      **Janssens, B.**, Taranu, V., Schuermans, N., Verbeeck, G.  
“Transitional Spaces as Lever for Social Sustainability in Dense Housing  
Projects”  
Proceedings of ENHR (More together, more apart: Migration, densification,  
segregation), 2018, Uppsala, Sweden
- Janssens, B.**, Knapen, J.  
Masterclass Sustainable Neighbourhoods 2018
- 2017      Knapen, E., Meex, E., **Janssens, B.** and Verbeeck, G.  
“Sustainable material use in the Zero Pentathlon, a design assignment on  
holistic sustainable renovation”  
Proceedings of 33<sup>rd</sup> PLEA International Conference, 2017, Edingborough, UK
- Janssens, B.** and Verbeeck, G.

“Architectural Strategies for Long-Term Obedience to Increasing Building-Constructive Energy Performance Requirements”  
Proceedings of the 8<sup>th</sup> Nordic Passive House Conference PHN17, 2017, Helsinki, Finland

**Janssens, B.** and Verbeeck, G.

“Towards a Framework for Architectural Design Enhancing Social Sustainability in Dense Housing Projects”  
In Affordable Housing for all, 2017

2016

**Janssens, B.** and Coppens, T.

“Living Labs as Leverage for a Sustainable Transition – Overview of student research in the Caribbean context”  
Proceedings of Caribbean Urban Forum 2016, Suriname, Paramaribo

**Janssens, B.,** Winkels, P., Hannes, E., Verbeeck, G. and Cuyvers, R.

“Operationalization of Strategic Niche Management by Living Labs as Leverage for a Sustainable Transition - Illustration by Student Work on Tourism Infrastructure in the Tanzanian Context”  
Proceedings of International Conference on Sustainable Tourism in Developing Countries 2016, Tanzania, Dar es Salaam

2015

**Janssens, B.**

**“Assessment and rating tools: a guarantee for sustainable successes?”**

**Architecture & Sustainability: Critical Perspectives for Integrated Design**

*“The use of assessment and rating tools by design teams is increasing. In a parallel development, demonstration projects aimed at improving sustainability in building are being increasingly endorsed. This paper addresses the question of whether projects that have been assessed and rated are necessarily worthy of designation as ‘best-practice projects’. In this study on contemporary sustainable group housing in Europe, actual projects that have been assessed and rated according to the BREEAM are assessed in comparison with recognized demonstration projects in terms of design measures. The results indicate that the assessment and rating tools that are currently available cannot guarantee full success with regard to sustainability. Promising perspectives involve appropriate and integrated design measures, a conceptual approach and, most importantly, architectural solutions.”*

*The outcome of this research was an important incentive for the orientation of a future design support tool for architect-designers towards a Generative kind of tool. An outline for such a tool was developed in my doctoral research. A journal article of this book contribution is in process.*

**Janssens, B.**

“Design Support for Sustainability: An Outline for a ‘Guiding-into-action’ tool tailored for Architect-designers”

Proceedings of Architectural Design Conference ArchDesign 2015, Istanbul, Turkey

**Janssens, B.**

“Design Support Tools for Energy Efficiency in the Built Environment: Classification, Process and Illustrative Implementation”

Proceedings of Caribbean Urban Forum 2015, Saint-Lucia

2014

**Janssens, B.** and Verbruggen A.

**“Feasibility of upgrading the energy performance of recent massive brick houses”**

**Frontiers of architectural research 3, p. 44- 54**

*“Climate change policies imply significant reductions of energy use in buildings. For this, prevailing energy performance standards fall short, notwithstanding the emergence of stricter national building regulations. Regulations cover new built and renovation projects. New built houses that miss the best energy performance are soon candidate for energy upgrading. We investigate the architectural and economic aspects of upgrading recently built detached massive brick houses in Flanders (Belgium). For representing actual building practices, consecutive upgrading steps from lower to higher energy performance levels are considered. Questions addressed are: What is technically feasible in upgrading such houses? Which construction works are easy, which difficult? What are the architectural and financial consequences of a thorough upgrading?”*

*The analysis shows that deep energy transformations are financially unacceptable, related to the irrevocable character of investments in energy efficiency attributes of massive brick houses. This confirms that energy performance endowment measures should be designed and implemented at the time of first construction of a building.”*

*This research, which unveiled that decisions regarding the energy performance level cannot be easily neutralized, was an incentive for futures thinking in view of building constructive investments. In subsequent research, the novel principle of ‘flexibility options’ was developed based on decision analysis theory, which future-proof the design by including building measures which facilitates transformations in the future, whenever relevant developments occur.*

*A journal article about ‘flexibility options’ is in process.*

**Janssens, B.**

“The Ability of Current Rating Tools to Guarantee Sustainable Successes: Balance and Perspective”

Proceedings of PLEA 2014, Ahmedabad, India

**Janssens, B.**

“Building a Generic Methodological Framework for a Sustainability Tool Tailored for Architect-Designers”

Proceedings of PLEA 2014, Ahmedabad, India

**Janssens, B.**

“Transitional Spaces: Reconciling Conflicts in Dense Housing Projects”  
Proceedings of ECSEE 2014, Brighton, UK

**Janssens, B.**

“Sustainability tools for architect-designers: criteria, issues and outlook”  
Proceedings of Architectural Design Conference ArchDesign 2014, Istanbul, Turkey

2013

**Janssens, B.**

“Exploring the first European residential project receiving the ‘Outstanding’ BREEAM certificate”  
Proceedings of PLEA 2013, Munich, Germany

**Janssens, B.**

“Studie van het eerste Europese groepswoonbouwproject met een ‘Outstanding’ BREEAM certificaat: beschrijving, analyse en optimalisatie”  
Afstudeerpapier postgraduaatsopleiding XIOS Hogeschool

2012

**Janssens B., Verbruggen A.**

“Avoiding irrevocable investments in buildings’ energy performance levels”  
Proceedings of 7th Energy Forum on solar building skins, Bressanone, Italie

**Janssens B., Van Dorst M.**

“Ecological building design measures as a powerful leverage for social sustainability and vice versa: a ‘real-life’ perspective from grouped housing projects”  
Proceedings of PLEA 2012, Lima, Peru

2011

Verbruggen A., Al Marchohi M., **Janssens B.**

**“The Anatomy of investing in energy efficient buildings”**  
**Energy and Buildings 43, p. 905 – 914**  
**2013/2014 Impact Factor: 2.465**

*“A building investment is a real decision because the allocated resources are typically irrevocable for long times. Investment appraisal is a logic method to process elapsing time, uncertain benefits and costs, and irrevocability related to decisions. Most analysts stop halfway the appraisal process when they carefully assess net present values and their sensitivity to uncertain future events. But sidelining irrevocability and the dynamic sequential analysis of future events and actions cause wrong decisions when the energy performance endowment of a new building is decided. Irrevocability and preclusion are explained, and their impact illustrated with a case study. Adopting realistic assumptions about the uncertain future and applying the proper methodology reveal as financially best choice the immediate investment in passive attributes and items. Irrevocability is of high relevance for building efficiency investments and for the implementation of the EU-2010 buildings directive.”*

*This Journal article preceded research regarding the irrevocability of investments in buildings' energy performance levels and resulted in the new, and practical applicable principle of 'flexibility options' based on the 'wait and learn' principle that defers irrevocable investments.*

**Janssens B.**, Verbruggen A., Al Marchohi M.

“Is a full transformation to a higher energy performance level of recently built massive brick houses in Flanders feasible both architecturally and economically?”

Proceedings of PassiveHouse 2011, Brussel, Belgium

Al Marchohi M., **Janssens B.**, Verbruggen A.

“Evaluating irrevocable energy efficient housing investments under uncertainty: a case study”

Proceedings of Passivehouse 2011, Brussels, Belgium

2009

**Janssens B.**

“Groepswoningbouw als een krachtige hefboom voor een duurzame ontwikkeling”

Proceedings of PassiveHouse 2009, Brussels, Belgium

**Janssens, B.**

“Duurzame ontwikkeling bij bouwprojecten voor gegroepeerd wonen”

ADSC Cahiers (University of Antwerp)

### **Functions in scientific committees, organizations, missions and initiatives**

2016 - 2021 Member of research group Arck – Sustainability – Hasselt University

Member of scientific committee DS<sup>2</sup>BE (Doctoral Seminar on Sustainability Research in the Built Environment)

2016 Coordinator 4<sup>th</sup> International Conference on Sustainable Tourism in Developing Countries (ICST-DC), Tanzania, Dar es Salaam

2014 - 2016 Member of research group Centre for Urban Development – University of Antwerp

2008 - 2015 Member of research group Henry van de Velde – University of Antwerp



### **International scientific study visits**

- 2013            Five-day field study research Germany – Austria  
Case study research for doctoral research
- 2013            Four-day field study research Helsinki – Stockholm  
Case study research for doctoral research
- 2012            Three-day study research Stockholm  
Case study research for doctoral research
- 2012            Five-day field study research Copenhagen – Malmö – Hannover  
Case study research for doctoral research
- 2012            Five-day field study research United Kingdom  
Case study research for doctoral research
- 2012            Four-day field study research The Netherlands  
Case study research for doctoral research

### **Attended scientific meetings**

- 2019            SBE Graz (Transition Towards a Net Zero Carbon Built Environment), 2019, Graz, Austria  
Lecture: “Outcomes of a Student Research Project on Circular Building Systems – Focus on the Educational Aspect”
- 2018            ENHR Conference - More together, more apart: Migration, densification, segregation), 2018, Uppsala, Sweden  
Lecture: “Transitional Spaces as Lever for Social Sustainability in Dense Housing Projects”
- 2017            8th Nordic Passive House Conference PHN17, 2017, Helsinki, Finland  
Lecture: “Architectural Strategies for Long-Term Obedience to Increasing Building-Constructive Energy Performance Requirements”
- Doctoral Seminar DS<sup>2</sup>BE, Liege, Belgium
- Cradle to Cradle Congress, Venlo, The Netherlands
- European Congress of Qualitative Inquiry, Leuven, Belgium
- X-festival, Hasselt, Belgium
- 2016            Caribbean Urban Forum 2016, Suriname, Paramaribo

Lecture: “Living Labs as Leverage for a Sustainable Transition – Overview of student research in the Caribbean context”

International Conference on Sustainable Tourism in Developing Countries 2016, Tanzania, Dar es Salaam

Lecture: “Operationalization of Strategic Niche Management by Living Labs as Leverage for a Sustainable Transition - Illustration by Student Work on Tourism Infrastructure in the Tanzanian Context”

Advanced Building Skins Conference 2016, Switzerland, Bern

Lecture: “A Framework for Building with Adaptive Ability – A research-agenda-setting reflection”

Symposium “Learning From Africa”, Hasselt University, Belgium, Hasselt

Lecture: “Life Project in Morocco”

2015

Architectural Design Conference ArchDesign 2015, Istanbul, Turkey

Lecture: “Design Support for Sustainability: An Outline for a ‘Guiding-into-action’ tool tailored for Architect-designers”

Caribbean Urban Forum 2015, Saint Lucia

Lecture: “Design Support Tools for Energy Efficiency in the Built Environment: Classification, Process and Illustrative Implementation”

2014

PLEA Conference 2014, Amhedabad, India

Lecture: “The Ability of Current Rating Tools to Guarantee Sustainable Successes: Balance and Perspective”

Lecture: “Building a Generic Methodological Framework for a Sustainability Tool Tailored for Architect-Designers”

ECSEE Conference 2014, Brighton, UK

Lecture: “Transitional Spaces: Reconciling Conflicts in Dense Housing Projects”

Architectural Design Conference ArchDesign 2014, Istanbul, Turkey

Poster: “Sustainability tools for architect-designers: criteria, issues and outlook”

Doctoral Seminar DS<sup>2</sup>BE, Brussels, Belgium

Lecture: “Sustainable Group Housing Projects: Setting Up a Methodological and Substantive Framework for Early Design Support”

5de Symposium Kwalitatief Sterk 2014: ‘Is er een toekomst zonder kwalitatief onderzoek’

Participant

- 2013 PLEA Conference 2013, Munich, Germany  
Poster: “Exploring the first European residential project receiving the ‘Outstanding’ BREEAM certificate” > **WINNER BEST POSTER AWARD**
- 2012 7th Energy Forum on solar building skins, Bressanone, Italie  
Lecture: “Avoiding irrevocable investments in buildings’ energy performance levels”
- PLEA Conference 2012, Lima, Peru  
Lecture: “Ecological building design measures as a powerful leverage for social sustainability and vice versa: a ‘real-life’ perspective from grouped housing projects”
- i-SUP Conference, Bruges, Belgium  
Poster: “Avoiding irrevocable decision making in energy performance level related building investments”
- Nationale Expertenworkshop: Energieperformantie  
Participant
- 2011 PassiveHouse Conference 2011, Brussel, Belgium  
Lecture: “Is a full transformation to a higher energy performance level of recently built massive brick houses in flanders feasible both architecturally and economically?”
- 2009 PassiveHouse Conference 2009, Brussels, Belgium  
Lecture: “Groeps woningbouw als een krachtige hefboom voor een duurzame ontwikkeling”

## MANAGEMENT OF SCIENTIFIC ACTIVITIES

### Acquired research funding / projects

- 2020 Vlaio - Vlaanderen Circulair  
 “CircuLab\_Limburg”  
 In collaboration with POM Limburg, Confederatie Bouw Limburg
- Vlaio – Vlaanderen Circulair  
 “Passive rowhouse in the city”  
 In collaboration with Vibe, Pixii, Mosard, ...
- Vlaio – Ontwikkelingsproject  
 “Development WOODinc\_CircuWallPanel”

- 2018 Vlaio - TETRA  
In collaboration with WTCB and Pixii  
“KalkHennep\_VL: Ontwikkeling van ontwerp- en uitvoeringsondersteuning voor de toepassing van kalkhennep in de Vlaamse bouwsector”
- 2017 Special research fund application in the framework of the cooperation between University of Liege and Hasselt University  
Joint PhD research of Florence Delvenne: “Design Support for regenerative Buildings: A Guiding Methodology for Architects in Early Design”.
- Special research fund application in the framework of the bilateral cooperation (BOF – BILA Hasselt University)  
Joint PhD research of Saul Samwel Nkini: “Green Building Rating Systems: Applicability and Impact on Construction Process in Tanzania.”
- Special research fund application in the framework of the bilateral cooperation (BOF – BILA Hasselt University)  
Joint PhD research of Godfrey Ayubu: “The Influence of Indigenous Dwelling Practices on Eco-tourism: The Case of Pastoral-Maasai Communities Along National Parks.”
- 2013 - 2014 ACP-EU Co-operation Programme in Higher Education - EduLink  
“Mainstreaming Energy Efficiency and Climate Change in Built Environment Training and Research in the Caribbean (CarEnTrain)”  
Location: Trinidad and Tobago, Guyana, Suriname, Jamaica  
In collaboration with: The University of the West Indies (Trinidad and Tobago), University of Guyana (Guyana), Anton de Kom University of Suriname (Surinam), University of Technology (Jamaica)  
Duration: 01/06/2014-31/03/2017  
Promotor University of Antwerp: Prof. Dr. Ir. Arch. Tom Coppens
- 2012 - 2013 VLIR South Initiative  
“Strengthening the current Bsc. Programme Construction Engineering and infrastructure of the University of Suriname, and feasibility study for the extension of the Bsc. Programme into a regional Msc. Programme in Urban Design”  
Duration: 01/10/2013-31/08/2014  
Promotor University of Antwerp: Prof. Ir. Arch. Koen Van Der Vreken

### **Applied funding for research initiatives / activities**

- 2019 Vlaanderen Circulair  
“CircuLab\_Limburg - Ontwikkeling van een pilootatelier voor Vlaanderen met en voor circulaire producten”  
In collaboration with Pixii, Vibe

Vlaanderen Circulair

“GradulairCirculair\_WOODinc: Gradaties van circulair bouwen met het WOODinc-systeem, gecombineerd met circulaire nevenproducten”

In collaboration with Pixii, Vibe, WOODinc

2017 VLIR TEAM project  
Hasselt University (Belgium) – Ardhi University, School of Architecture and Design (Tanzania)

### **Activities as (co-) promotor**

2020 “Regenerative Building Materials” (provisional title)  
Doctoral research – Erik Pelicaen

2017 - ... “Green Building Rating Systems: Applicability and Impact on Construction Process in Tanzania.”  
Doctoral research - Saul Samwel Nkini

“The Influence of Indigenous Dwelling Practices on Eco-tourism: The Case of Pastoral-Maasai Communities Along National Parks.”  
Doctoral research - Godfrey Ayubu

2017 – 2019 “Earthen Architecture in Flanders, A strategy for Building with a Low Environmental Impact?”  
Doctoral research – Jasper Van der Linden

2017 “Design Support for regenerative Buildings: A Guiding Methodology for Architects in Early Design”  
Doctoral research - Florence Delvenne

2018 – 2019 MasterThesis (2)

2017 – 2018 MasterThesis (8)

2016 – 2017 “Prefabricatieconcepten met houtstaanderbouw in Vlaanderen – Knelpunten en perspectieven voor een verhoogde implementatie”  
MasterThesis – Dries Vandervelden

“Hogere energieprestatiecriteria en de Vlaamse architectuurpraktijk – een bouwconstructieve afstemming voor een verhoogde toepassing”  
MasterThesis – Yannick Van Springel

2015 – 2016 “Optimalisatie van een bestaand woningbouwmodel in functie van energie-efficiëntie”  
MasterThesis – Babs Callens

“Energie-Efficient Campusontwerp in een Caraïbische Context, Suriname”  
MasterDesign – Karl van Steerteghem, Yani Dom, Frances Dockx, Astrid Theunis, Ruben Jacobs

“Design & Build – Duurzaam bouwen in een warm-droog klimaat – Vrouwenhuis in Ouled Daoud, Oriental, Marokko  
MasterDesign – Vicky Bosserez, Gilles De Schoesitter, Ena Everaerts, Cedric Herfurth, Justien Maes

2014 - 2015 “Bioklimatische strategieën als hefboom voor energie-efficiëntie en binnencomfort”  
MasterThesis - Tine Mutsaerts

“Ontwerpend onderzoek energie efficiënte campussen in een warm vochtig klimaat, Suriname”  
MasterDesign - Ruth Dillen, Sylvia van der Sluis, Caitlin Schumacher, Ann Bosserez

2013 - 2014 “Duurzame bouwprojecten voor gegroepeerd wonen - Optimalisatie van duurzame modellen”  
Masterthesis - Tin Verhoeven

“Duurzame bouwprojecten voor gegroepeerd wonen - De tussenruimte als concept voor duurzaamheid”  
Masterthesis - Kristof De Dedecker

“Duurzame bouwprojecten voor gegroepeerd wonen - De microklimatische ruimte als concept voor duurzaamheid”  
Masterthesis - Karlien De Wit

“Ontwerpend onderzoek zorgcentra in Paramaribo, Suriname”  
MasterDesign - Irida Redzeqi, Sietske Poppe, Robin Schaap, Rianne Kruijff, Dorien Apers, Ischa Van Putte, Caroline Gysels, Charline Esman, Liesl Verachtert, Steffi Robberecht, Jolien Lauwereys, Charlotte Merckaert, Thomas Laurens, Dorien Claessens

2011 - 2012 “Duurzame ontwikkeling en cultureel erfgoed”  
Masterthesis - Steffi Coppens en Sofie Houben

2010 - 2011 “Architectuurpraktijk en duurzaam bouwen: een balans, reflecties en perspectieven binnen de context van Vlaanderen”  
Masterthesis - Katrien Debruyn

“Cradle to Cradle in de interieurarchitectuur”  
Masterthesis - Julie Steculorum

“Ontwerpen van een duurzame, brede school binnen de context van Paramaribo, Suriname, Weg Naar Zee”  
MasterDesign - Evert Verbrugghe

“Ontwerpen van een duurzame, brede school binnen de context van Paramaribo, Suriname, Pontbuiten”  
MasterDesign - Yannick Veny

## OVERVIEW OF EDUCATION ACTIVITIES

### Acquired funding for educational initiatives / activities

2017 IOP (Innovatief Onderwijs Project - Innovative Education Project)  
Hasselt University (Belgium)  
Specific project: Setting up a ‘LIVE LAB’ –platform for ‘project-based learning’ with an integrated interfaculty ‘Design & Build’ studio

Erasmus+  
KA1 – Higher education student and staff mobility between Programme and Partner Countries  
Specific project: Hasselt University (Belgium) – University of the West Indies (Trinidad & Tobago)

### Applied (but not granted) funding for educational initiatives / activities

2019 IOP (Innovatief Onderwijs Project - Innovative Education Project)  
Hasselt University (Belgium)  
Specific project: TABULA – Setting up a ‘paperless communication platform’ for education

### Activities as (coordinating) lecturer

2018 - 2021 Design/Build Studio  
Postgraduate Certificate Building Beyond Borders - Faculty of Architecture and Art – University of Hasselt

Physical-spatial and building-technical design measures for sustainability  
Postgraduate Certificate Building Beyond Borders - Faculty of Architecture and Art – University of Hasselt

Project management  
Postgraduate Certificate Building Beyond Borders - Faculty of Architecture and Art – University of Hasselt

Research Paper  
Postgraduate Certificate Building Beyond Borders - Faculty of Architecture and Art – University of Hasselt

Sustainability and Design Methodology  
Postgraduate Certificate Building Beyond Borders - Faculty of Architecture and Art – University of Hasselt

2017 - 2021 “Design & Build Studio”  
Faculty of Architecture and Art – University of Hasselt  
Bachelor students Architecture

“Architectural Design 3”  
Faculty of Architecture and Art – University of Hasselt  
Bachelor students Architecture

2015 - 2021 “Construction 4” > “Integrated Building Assignment”  
Faculty of Architecture and Art – University of Hasselt  
Master students Architecture  
Methods: lecture, case study research, research by design

“Master Thesis”  
Faculty of Architecture and Art – University of Hasselt  
Master students Architecture

“Research Seminar – Building Concept”  
Faculty of Architecture and Art – University of Hasselt  
Master students Architecture

2015 - 2018 “Building Physics & Installaties - Sustainability 4”  
Faculty of Architecture and Art – University of Hasselt  
Master students Architecture  
Methods: lecture, case study research, research by design

“Building Integration”  
Faculty of Architecture and Art – University of Hasselt  
Bachelor students Architecture

“Research Seminar – Design/Build LAB”  
Faculty of Architecture and Art – University of Hasselt  
Master students Interior Architecture

2014 - 2015 “Energieprestatiegericht Bouwen 1 / Energy Performance Oriented Building 1”  
Faculty of Design Sciences – University of Antwerp  
Masterstudents Architecture  
Methods: lecture, case study research



- “Energieprestatiegericht Bouwen 2 / Energy Performance Oriented Building 2”  
Faculty of Design Sciences – University of Antwerp  
Masterstudents Architecture  
Methods: lecture, case study research, research by design
- 2013 - 2014 “Energieprestatiegericht Bouwen / Energy Performance Oriented Building”  
Faculty of Design Sciences – University of Antwerp  
Masterstudents Architecture  
Methods: lecture, case study research
- 2013 - 2014 “Energy Performance Oriented Construction”  
Faculty of Design Sciences – University of Antwerp  
Erasmus Program Architecture  
Methods: lecture, case study research
- 2012 - 2013 “Futures Building / Prefab Construction – Sustainable Architecture”  
Faculty of Design Sciences – University of Antwerp  
Erasmus Program Architecture  
Methods: lecture, case study research, research by design

### **Specific pedagogical training**

- 2011 “Onderwijskundige professionalisering: Begeleiden en beoordelen van scripties: bachelor- en masterproeven” (supervision and evaluation of bachelor and masterthesis)  
ECHO – University of Antwerp

### **Other education activities, experiences, initiatives**

- 2020 - 2021 Member steering committee  
LIVE LAB  
Faculty of Architecture and Arts – Architecture – Hasselt University
- 2017 – 2019 Project leader  
“Setting up a ‘LIVE LAB’ –platform for ‘project-based learning’ with an integrated interfaculty ‘Design & Build’ studio”  
IOP (Innovatief Onderwijs Project - Innovative Education Project)  
Hasselt University (Belgium)
- 2018 Academic coordinator  
International Masterclass “Sustainable Residential Neighbourhoods”  
Faculty of Architecture and Arts – Architecture – Hasselt University

- 2017 – 2021 Academic coordinator  
Postgraduate programme ‘Building Beyond Borders’  
Faculty of Architecture and Arts – Architecture – Hasselt University
- 2016 Teacher  
Two-day workshop ‘train the trainers’ for the EduLink –project  
“Urban Design Studio for Energy Efficient Campus Design and Management”  
Anton de Kom University of Suriname (AdeKUS), Paramaribo, Suriname  
25<sup>th</sup> - 26<sup>th</sup> April
- Teacher  
Two-day workshop ‘train the trainers’ for the EduLink –project  
“Urban Design Studio for Energy Efficient Campus Design and Management”  
University of the West Indies (UWI), Port of Spain, Trinidad and Tobago  
12th - 14th September
- Guest Lecture  
“How to design & Build in a Hot-Humid Climate”  
Ardhi University, Tanzania, Dar es Salaam  
1st November
- Member of jury  
Thesis: “Veranderingsgericht bouwen: Bewegredenen en barrières voor een architect” – Diet Mertens  
Faculty of Architecture and Arts – Architecture – Hasselt University
- Member of jury  
Thesis: “De B.E.N.–woning & de architect” – Dries Jehoul  
Faculty of Architecture and Arts – Architecture – Hasselt University
- Member of jury  
Thesis: “De traditionele hanok woning als inspiratiebron voor de verbetering van de woonkwaliteit van de hedendaagse hoge dichtheid appartementen” – Evelien Van de Vel  
Faculty of Architecture and Arts – Architecture – Hasselt University
- Member of jury  
Thesis: “BEN-woning met architecturale kwaliteiten met bouwsysteem Warsco” – Hanne-Lore Claesen  
Faculty of Architecture and Arts – Architecture – Hasselt University
- Member of jury  
Thesis: “Duurzaam Beton: Uitdagingen en mogelijkheden vanuit een ontwerpstandpunt” – Jorrid Jans  
Faculty of Architecture and Arts – Architecture – Hasselt University

Member of jury  
Thesis: “Woonschepen, een duurzame woonvorm?” – Liese Nouwen  
Faculty of Architecture and Arts – Architecture – Hasselt University

Member of jury  
Thesis: “Semi-autarke woningen” – Nick Van Loy  
Faculty of Architecture and Arts – Architecture – Hasselt University

2015 Teacher two-day workshop ‘train the trainers’ for the EduLink –project  
“Urban Design Studio for Energy Efficient Campus Design and Management”  
Sir Arthur Lewis Community College (SALCC) of Saint Lucia  
8<sup>th</sup> - 9<sup>th</sup> June

Member of Jury  
Thesis: “Ontwerpend onderzoek naar kwalitatief wonen in Paramaribo: focus op de stadsrand” – Hannes De Bisschop  
Faculty of Design Sciences – Urban Planning – University of Antwerp

2014 - 2017 Coordinator setting up a ‘Design & Build –studio’ in Marokko  
University of Antwerp

2014 Teacher five-day workshop for the VLIR South Initiative  
“Sustainable Group Housing Projects within the context of a hot and humid climat of Surinam”  
Anton de Kom Universiteit van Suriname ( ADEKUS), Paramaribo, Suriname  
5th - 10th May

2013 -2014 Collaboration internship for 3 architecture students in own architectural office  
Faculty of Design Sciences – University of Antwerp

Member of jury  
Thesis: “LCA van bouwmaterialen en gebouwen: parameters en evaluatiemethoden” – Lauranne Claes  
Faculty of Design Sciences – Architecture – University of Antwerp

Member of jury  
Thesis: “De rol van interieurarchitectuur in de gezondheidszorg: Onderzoek in de ziekenhuizen van Paramaribo” – Eline Van den Bosch  
Faculty of Design Sciences – InteriorArchitecture – University of Antwerp

Member of jury  
Thesis: “Patient centered care in de ziekenhuizen van Paramaribo” – Karen Van Eyndhoven  
Faculty of Design Sciences – InteriorArchitecture – University of Antwerp

2013 Lecture on ‘Design & Build –projects’ as leverage for knowledge transfer  
Anton de Kom Universiteit van Suriname ( ADEKUS), Paramaribo, Suriname

5th February

Lecture at the XIOS International day  
"Zoeklicht op architectuuronderzoek – Random internationale ervaringen"  
XIOS Hogeschool , Diepenbeek, Belgium  
26th March

2012 - 2013 Member of team  
"Review of the Bsc. Programme Construction Engineering and infrastructure of the University of Suriname within the VLIR South Initiative –project"

2013 Member of jury  
Thesis: "Duurzame wijk, duurzame ontwikkeling:  
Case study Clementwijk te Sint – Niklaas" – Hilde Temmerman  
Faculty of Design Sciences – Urban Planning – University of Antwerp

Examinator  
Architecture course 'Gevelsystemen'  
Faculty of Design Sciences – Architecture – University of Antwerp

2011 - 2012 Assisting Prof. Ir. Arch. Lucien Denissen on the course 'Duurzame Architectuur'  
Review of the course  
Setting up and supervise students assignments  
Setting up a workshop (in collaboration with LNE)

2012 Guest lecture course 'Duurzame Architectuur'  
"Duurzaamheidsinstrumenten" (Sustainability tools)  
25th May

Examinator  
Architecture course 'Gevelsystemen'  
Faculty of Design Sciences – Architecture – University of Antwerp

Member of jury  
Thesis: "Bouwen met staalframebouw" – Charlotte Tersago  
Faculty of Design Sciences – Architecture – University of Antwerp  
Member of jury  
Thesis: "Wonen met een stalen structuur" – Greet Aernouts  
Faculty of Design Sciences – Architecture – University of Antwerp

Member of jury  
Thesis: "Dubbele gevels bij kantoorgebouwen" – Stijn Segers  
Faculty of Design Sciences – Architecture – University of Antwerp

2011 Member of Jury  
Thesis: "De Vlaamse Maatstaf voor duurzaam bouwen en wonen"  
Faculty of Applied Engineering – University of Antwerp

- 2009 Guest lecture course 'Duurzame Architectuur'  
 "Duurzame ontwikkeling bij bouwprojecten voor gegroepeerd wonen"  
 12th May
- 2008 Member of Jury  
 Thesis: "EPB-software" – Nick Ceulemans  
 Faculty of Design Sciences – Architecture – University of Antwerp

### **Published textbooks**

- 2012 Course 'Duurzame Architectuur', section on "Duurzaamheidsinstrumenten"  
 (Sustainability tools)

### **International education activities**

- 2019 Two-day visit Solar Decathlon Student Competition, Szentendre, Hungary
- 2015 Seven-day visit Sir Arthur Lewis Community College, Saint-Lucia For the Edulink-project
- 2014 2 x seven-day visit Anton de Kom Universiteit van Suriname, Paramaribo, Suriname  
 For the Edulink-project
- 2013 Ten-day visit Anton de Kom Universiteit van Suriname, Paramaribo, Suriname  
 For the VLIR – South Initiative – project and the Edulink-project
- 2011 Ten-day visit Anton de Kom Universiteit van Suriname, Paramaribo, Suriname  
 For the VLIR – South Initiative – project and the Edulink-project

### **Popular media**

- 2019 Postgraduaat Building Beyond Borders  
 "Studenten UHasselt bouwen vrouwenhuis in Marokko"  
 De Standaard / Het Belang van Limburg
- Postgraduaat Building Beyond Borders  
 "Hoe kan je duurzaam bouwen met alternatieve materialen"  
 Architectura.be

Postgraduaat Building Beyond Borders  
“Hoe kan je duurzaam bouwen met alternatieve materialen?”  
Jaarverslag UHasselt

2018 Postgraduaat Building Beyond Borders  
“We willen de glazen bol van studenten doorbreken”  
NAV News

Masterclass Sustainable Neighbourhoods 2018  
“ Zo zal Genk er over dertig jaar uitzien” – Studenten architectuur  
maken masterplan van woonzone rond kerkhof  
Het Belang van Limburg

## **SERVICE PROJECT ACTIVITIES**

### **Acquired Service Projects**

2020 Sustainability Research and Education Team  
Designing an exhibition stand for and with circular building  
products  
Pixii – Vibe - WOODinc

2019 Research group ‘Sustainability’ / CIRCULAB  
Conceptualizing a Circular Building Panel  
WOODinc

LIVE LAB / Design & Build Studio  
Designing a watchtower  
Wellen (township)

2017 Member of jury  
Architecture contest ‘Nieuwenhoven’  
Province of Limburg

Member of jury  
Architecture contest ‘Dommelhof’  
Province of Limburg

Reviewer research proposal  
“O&O project”  
VLAIO

## Applied Service Projects

- 2019            Research group 'Sustainability' / CIRCULAB  
                  "Designing and building a circular office building"  
                  Kamp C
- Research group 'Sustainability' / CIRCULAB  
                  "Construclick in de praktijk!"  
                  Within the framawork of Vlaanderen Circulair, In collaboration with Speed  
                  Building System Belgium bvba
- LIVE LAB / Design & Build Studio  
                  "Redesigning train station Diest"  
                  NMBS (national railway company)
- LIVE LAB / Design & Build Studio  
                  "Designing a multifunctional pavilion in Boom"  
                  Tomorrowland

## PROJECT BASED OUTCOMES

- 2019**      **Circular Building Panel > PATENT PENDING**  
Research group 'Sustainability' / CIRCULAB
- (Batibouw) Exhibition stand for and with circular building products**  
Sustainability Research and Education Team  
(in collaboration with WOODinc, Pixii, Vibe)
- Watchtower concepts & mock-ups**  
LIVE LAB / Design & Build Studio
- Incremental improvements of existing circular building products/systems**  
Sustainability Research and Education Team
- 2018**      **Experience house concepts & mock-ups**  
LIVE LAB / Design & Build Studio  
(in collaboration with Machiels Building Solutions and CRH Structural Concrete)
- 2017**      **Tiny House Concept & prototype**  
Sustainability Research and Education Team  
(in collaboration with Warsco Units)



## **NETWORKING ACTIVITIES**

(for research, education, service projects)

### **National**

- Green deal 'circulair bouwen'
  - o Representative UHasselt signing engagement
  - o Collaborator activities & meetings
  
- Cluster "Bouwindustrialisatie"
  - o Collaborator activities & meetings
  
- Confederatie Bouw Limburg
  - o Representative Fac-Ark
  - o Collaborator activities & meetings (e.g. matchmaking event)
  
- Province of Limburg
  - o Negotiator possible collaborations
  
- Bokrijk
  - o Negotiator possible collaborations (e.g. BBB)
  
- Greenville
  - o Negotiator possible collaborations
  - o Initiator 'Living Wall' in LAB2FAB -building

### **International**

- Prospection visits
  - o University of the West Indies, Trinidad & Tobago
  - o Martyrs University, Uganda
  - o Makerere University, Uganda
  - o Institut Supérieur de Technologie d'Antananarivo (IST-T), Madagascar
  - o Chalmers University of Technology, Sweden

## EXPERIENCE AS A PRACTISING ARCHITECT

### Professional partnerships

- 2019 - 2021 Collaboration with Bureau Bouwtechniek
- 2013 - 2021 Collaboration with M10-architecten
- 2013 - 2017 Collaboration with MAN-architecten
- 2012 - 2013 BWJ78 -architecten
- 2004 - 2007 Collaboration  
TV Archigroup – Cloetens & Janssens architecten
- 2004 - 2007 Collaborator at Architectenburo Jef Van Oevelen bvba
- 2005 - ...      **Manager Architect Bart Janssens Com V    > ATELIER NOEST****
- 2002 - 2005 Independent architect
- 2002 - 2004 Internship at Architectenburo Jef Van Oevelen bvba

### Publications

- 2019            Bouwkroniek  
                  "Villa Madonna in Boechout is thuis voor psychisch kwetsbare bewoners"
- Het Nieuwsblad / Gazet van Antwerpen  
                  "Nieuwe sociale toekomst voor Villa Madonna"
- COMtext  
                  "Appartementen in verbouwde Villa Madonna in Boechout  
                  nieuwe thuis voor psychisch kwetsbare bewoners"
- 2011            Beurs duurzaam bouwen, presentatie van verschillende duurzame projecten, Sint-Niklaas
- 2008            Bouwen aan Vlaanderen  
                  Garage Meeusen, Kalmthout
- 2006            Staal\_acier 2006 – Staalbouwwedstrijd, Villa De Schouwer, Alsemberg

- 2005-2008    Gazet van Antwerpen / Het Nieuwsblad / De Nieuwe Gazet  
Huisvesting en Omgevingswerken Dierenpark Planckendael, Mechelen
- 2002         ADSC - Antwerp Design Sciences Cahiers,  
Multiple Housing Project with low-energy dwellings, Antwerpen

**Conducted / ongoing architectural projects**  
(Dutch)

**2002**

- **Afstudeerproject: prijs ereburgemeester Bob Cools: studie lage energie huisvesting en ontwerp stedenbouwkundig plan te Antwerpen**
- Woningrenovatie te Ekeren, 2002 – 2003, als projectarchitect bij Ar.buro Van Oevelen
- Renovatie, uitbreiding en onderhoud schoolgebouwen, 2002 – 2006, als projectarchitect bij Ar.buro Van Oevelen
- Uitbreiding woning met kangoeroewoning te Zoersel, 2002 - 2005

**2003**

- Renovatie en uitbreiding cultureel centrum en appartementen te Ekeren, 2003 – 2007, als projectarchitect bij Ar.buro Van Oevelen
- Medewerking renovatie en uitbreiding bedrijfsgebouw te Malle, 2003 – 2005, als architect bij Ar.buro Van Oevelen
- Nieuwbouw 10 sociale woningen te Berchem, 2003 – 2005, als projectarchitect bij Ar.buro Van Oevelen
- Medewerking nieuwbouw 5 sociale woningen te Kapellen, 2003 - 2011, als architect bij Ar.buro Van Oevelen

**2004**

- Renovatie en uitbreiding showroom en garage te Kalmthout, 2004 - 2007, als projectarchitect bij Ar.buro Van Oevelen
- Renovatie en uitbreiding handelsruimte met appartement, 2004 - 2005
- Nieuwbouw villa te Beersel, 2004 – 2005
- Medewerking nieuwbouw 38 sociale woningen te Malle, 2004 - 2013, als architect bij Ar.buro Van Oevelen
- Medewerking nieuwbouw 15 appartementen te Berchem, 2004 - 2012, als architect bij Ar.buro Van Oevelen
- Wedstrijdontwerp nieuw inkomgebouw Planckendael te Mechelen, 2004

**2005**

- **Laureaat wedstrijd Koninklijke Maatschappij voor Dierkunde te Antwerpen, ontwerp en leiding der werken giraffenhuisvesting en Afrikaanse savanne, 2005 – 2008**
- Nieuwbouw van een energiezuinige villa te Alsemberg, 2005 – 2006

- Nieuwbouw ecologische woning te Zoersel, 2005 - 2006
- Renovatie en uitbreiding villa te Zoersel met energiezuinige nachtvertrekken, 2005 - 2008
- Renovatie en ecologische uitbreiding woning te Zoersel, 2005 - 2008
- Uitbreiding woning te Kruikebeke, 2005 – 2009

## 2006

- **Laureaat Wedstrijd Sociaal woningbouwproject VMSW, ontwerp en leiding der werken voor de bouw van 10 woningen met ondergrondse parking en groen binnengebied te Antwerpen, 2006**
- Gevelrenovatie van 18 appartementen te Deurne, 2006 - 2013
- Wedstrijd Lagere School “Bockstael”, ontwerp energiezuinige school, Brussel
- Nieuwbouw villa te Zoersel, 2006 - 2009
- Nieuwbouw industrieruimte en woning te Malle, 2006 – 2009

## 2007

- **2<sup>de</sup> prijs wedstrijd Sociaal woningbouwproject VMSW, ontwerpen van een nieuw stedenbouwkundig plan voor de bouw van 10 tot 15 energiezuinige ééngezinwoningen, Leuven**
- Haalbaarheidsstudie Renovatie en reconversie van een bestaand pand tot 10 appartementen te Boechout, 2007
- Nieuwbouw industriebouw te Lille, 2007 - 2008
- Uitbreiding villa te Zoersel, 2007 - 2009
- Haalbaarheidsstudie omvormen van 2 drijvende pontons tot luxe-hotel te Gibraltar, 2007

## 2008

- Renovatie, nieuwbouw en uitbreiding van een winkel- en kantorencomplex te Antwerpen, 2008 – 2014
- Ontwerp wedstrijd voor inbreidingsproject nieuwbouw 16 sociale huurappartementen te Dendermonde, MHMJA
- Renovatie en uitbreiding woning te Willebroek, 2008 - 2009

## 2009

- Verbouwing en uitbreiding van dienstencentrum De Wilg te Sint-Niklaas, 2009
- Nieuwbouw inbreidingsproject met stedenbouwkundige studie voor de bouw van 18 appartementen en studio's (type 1/1, 1/2, 2/2 en 2/3) te Sint-Niklaas, 2009 - 2012
- Uitbreiding van een woning te Zoersel, 2009 – 2010
- Uitbreiding van een woning te Malle, 2009 – 2010
- Nieuwbouw industriebouw te Malle, 2009 – 2010
- Renovatie en uitbreiding van een woning te Zoersel, 2009 - 2012
- Renovatie en uitbreiding van een woning te Beerse, 2009 - 2010

## 2010

- Renovatie en reconversie van 8 appartementen te Borgerhout, 2010 - 2020
- Renovatie en reconversie van 9 appartementen te Borgerhout, 2010 - 2016
- Renovatie en reconversie van een bestaand pand tot 10 appartementen te Boechout, 2010 - 2017
- Renovatie van 4 appartementen te Deurne, 2010 - 2019
- Renovatie van 8 appartementen te Deurne, 2010 - 2019
- Renovatie van 4 appartementen te Deurne, 2010 - 2019
- Nieuwbouw groepswooningbouwproject met 3 woningen te Niel, 2010

## 2011

- Haalbaarheidsstudie nieuwbouw groepswooningbouwproject te Bouwel, 2011
- Renovatie en reconversie van 8 appartementen te Berchem, 2011 - 2019
- Bouwen van een groepswooningbouwproject met 7 eenheden te Sint-Niklaas, 2011-2015
- Bouwen van een polyvalente zaal te Sint-Niklaas, 2011
- Renovatie en reconversie van een bestaande woning te Kapellen, 2011 - 2013

## 2012

- **Laureaat Wedstrijd Sociaal woningbouwproject VMSW, ontwerp en leiding der werken voor de bouw van 13 woningen te Sint-Niklaas**
- Wedstrijdontwerp 8 sociale wooneenheden te Tielrode, 2012
- Renovatie en reconversie van een bestaande woning te Stabroek, 2012
- Renovatie en reconversie van een bestaande woning te Halle-Zoersel, 2012 - 2014

## 2013

- **2<sup>de</sup> prijs wedstrijd Sociaal woningbouwproject VMSW, nieuwbouw van 12 wooneenheden te Edegem, 2013**
- Nieuwbouw van 9 sociale woningen te Zele, 2013
- Nieuwbouw en reconversie van een bestaande handelssite tot 7 wooneenheden te Hamme, 2013 - 2017
- Renovatie en uitbreiding van een bestaande woning te Kruikeke, 2013 - 2016

## 2014

- **Laureaat Wedstrijd Sociaal woningbouwproject VMSW, ontwerp en leiding der werken voor de bouw van 15 appartementen te Temse**
- Renovatie en uitbreiding van een bestaande woning te Melsele, 2014 - 2017

## 2018

- **Nieuwbouw van een ecologisch sport-, belevings- en verblijfscentrum te Blier / Erezée, 2018 - 2022**

## 2019

- **Nieuwbouw van voetbalinfrastructuur te Holsbeek, 2019 - ...**
- **Nieuwbouw winkelruimte met magazijn, en appartement te Zoersel, 2019 - 2021**
- **Nieuwbouw van een woning te Scherpenheuvel, 2019 - 2022**

**2020 > focus met Atelier Noest op regeneratieve materialen (hout, kalkhennep, stro, ...)**

- **Nieuwbouw van een tandartsenpraktijk te Waregem, 2020 – 2022**
- **Diversie compacte woningen**

**2021**

- **Diversie compacte woningen, met regeneratieve materialen (prefab)**

## ENDURANCE SPORTS & CHALLENGES

### Pre

- Tennis, Volleyball, Badminton, ...

### Running > from 5km to 42km (marathon)

#### Highlights

- Athens Marathon, Greece, 2004
- Kustmarathon, Belgium, 2005
- New York Marathon, USA, 2009
- Wales Marathon, UK, 2011
- Trail Des Fantômes 32km, Belgium, 2016 (4th place)

### Triathlon > short (1.5km swim - 40km bike - 10km run)

to full-distance Ironman (3.8km swim - 180km bike - 42km run)

#### Highlights

- Championship of the Walloon Region Belgium, 2013 (15<sup>th</sup> place)
- Ironman Wales, 2011
- Ironman Switzerland, 2012
- Ironman Switzerland, 2013 (qualification for the World Championship)
- **Ironman World Championship Kona – Hawaii, 2013**

### Ultrarunning & trailrunning > running above 42k

#### Highlights

- Dodentocht 100km, Belgium, August 2001 – 2002 – 2003 – 2004 - 2005
- Loop van Vlaanderen 50km, Belgium, May 2014
- La 6000D 65km with 4,500m D+ | 4,500m D-, France, July 2014
- Ultra-Trail Des Fantômes 100km with 4,400m D+ | 4,400m D-, Belgium, August 2014
- Morenic trail 113km with 2,200m D+ | 2,200m D-, Italy, October 2014 (2<sup>nd</sup> place)
- Wings for life 47.5km, Belgium, May 2015 (13<sup>th</sup> place)
- White Rose 161.4km with 4,640m D+ | 4,810m D-, UK, November 2015 (3<sup>rd</sup> place)
- Le Grand Trail des Lacs et Châteaux 105km with 2,800m D+ | 2,800m D-, Belgium, May 2016 (3<sup>rd</sup> place)
- Gran Trail Courmayeur 90km with 6,000m D+ | 6,000m D-, Italy, July 2016 (8th place)
- Swiss Irontrail 91km with 5,400 D+ | 5,400 D-, Switzerland, August 2016 (5<sup>th</sup> place)
- **Ultra-Trail Du Mont-Blanc (World Championship) 170km with 10,000m D+ | 10,000m D-, August 2016 (1st Belgian)**
- North C trail 50km, Belgium, March 2017 (7<sup>th</sup> place)
- Ultra Trail La Grimace 80km with 2,000m D+ | 2,000m D-, Belgium, June 2017 (3<sup>rd</sup> place)

- **Compressport 100 mile Spa (160km) with 5,500m D+ | 5,500m D-, Belgium, June 2017 (1<sup>st</sup> place)**
- Ultra-Trail Verbier St-Bernard 111km with 8,400m D+ | 8,400m D-, Switzerland, July 2017
- Swiss Alps 80km with 3,000m D+ | 3,000m D-, Switzerland, July 2017
- **Tor Des Géants 339km with 31,000m D+ | 31,000m D-, Italy, September 2017 (57<sup>th</sup> place, 1<sup>st</sup> Belgian)**
- **Belgian Championship 100km, May 2018 (7h59', 6st place)**
- **Spartathlon 245km, September 2018 (133st place)**