

THE EUROPEAN LEAN CONSTRUCTION CONFERENCE



JUNE 9. & 10. 2021

09 - 17 Central European Summer Time

Live Virtual Event - Recording Available

CONFERENCE PROGRAM



LeanConstruction
Blog

THE EUROPEAN LEAN CONSTRUCTION CONFERENCE



PROGRAM

DAY ONE

09:00 - 09:15 CEST **CONFERENCE INTRO**

09:15 - 09:45

8 KEY CONVERSATIONS OF THE LAST PLANNER SYSTEM® AT THE HEART OF SUCCESSFUL PROJECTS



ALAN MOSSMAN
The Change Business



For the last 18 years, Alan has seen the Last Planner System as 5+1 conversations that bring a project to life. He now realizes that it is at least 8 structured conversations. In this session, Alan will introduce the promise cycle which sits at the heart of the system. Each of the 8 conversations helps build project knowledge and makes the LPS the engine for everyday learning and everyday improvement both in design and construction.

09:45 - 10:15

USING SCRUM TO SUPPORT THE LAST PLANNER SYSTEM AND TARGET VALUE DELIVERY



AIDEN O'DWYER
DPS Engineering



WILLIAM POWER
DPS Engineering



The team at DPS Global has been applying and integrating SCRUM with Lean Construction implementation for the last decade. Aiden O'Dwyer and Willie Power will present three case studies of how they are utilizing the SCRUM methodology to support the Last Planner System and Target Value Delivery. They will explore the synergies between SCRUM, LPS and TVD, and share challenges as well as opportunities for improvements.

10:15 - 10:30

Q&A

10:30 - 10:45

BREAK

10:45 - 11:15

IMPLEMENTATION OF LEAN PRINCIPLES FROM THE PROJECT OWNER'S AND CONSTRUCTION MANAGEMENT'S PERSPECTIVE



WERNER PIETZONKA
F. Hoffmann La Roche



DOMINIK DENGLER
Itten+Brechtbühl AG



The owner's representative and construction manager for a new highly complex research & development facility "pRED Center Basel" will share some of their approaches to deliver the project. Besides the methodological skills, the challenges of the technical complexity in design and execution they also had to work intensively on the mindset of the team. In this session they will share their challenges and what they have learned so far on their ongoing project journey.

11:15 - 11:45

USING THE LAST PLANNER SYSTEM ON THE SAGRADA FAMILIA, SPAIN'S ICONIC CATHEDRAL PROJECT



FERNANDO CERVERÓ ROMERO
THINK Productivity



The presentation will show the advantages of the Last Planner System application in one of the most iconic works in Europe, the Sagrada Familia, Spain's Cathedral Project. Fernando will speak about the current state of Lean Construction in Spain. He will present applications of Integrated Project Delivery (IPD) in Spain, explore the development of LC in Spain, and give an overview of where the industry is heading.

11:45 - 12:00

Q&A

12:00 - 12:15

MEET THE EXHIBITORS

12:15 - 13:00

BREAK & EXHIBITORS DEMOS

THE EUROPEAN LEAN CONSTRUCTION CONFERENCE



PROGRAM

DAY ONE

13:00 - 13:45

LEAN CHAMPIONS PANEL

How is Lean Construction applied in projects around Europe? What are the main lesson-learned from teaching Lean Construction and getting organizational buy-in for it? And how local and regional factors influence Lean implementations? This and more will be discussed in the Lean Champions panel, with representatives from France, Ireland, Switzerland, UK, Austria, and Lithuania.

MODERATOR

PANEL



FABIEN FONT
IMMA



KEVIN MCHUGH
Mace



RAY BERTSCHLER
Implenia



ROBIN HENDRICH
Jacobs



THOMAS BAIERL
PORR Design & Engineering



LINA JANKAUSKIENĖ
Lina Lean

13:45 - 14:00

Q&A

14:00 - 14:15

BREAK

14:15 - 14:45

PRINCIPLES AND BENEFITS OF TAKT PLANNING

The use, mastery and management of Takt Planning has allowed projects to drastically reduce construction schedules by 30% to 50% and meet tight construction constraints and deadlines. In this session, Fabien will explain the fundamental principles of Takt, how to make Takt Planning work, and what are the main benefits. He will also share a case study to demonstrate the Takt Planning method in action.



FABIEN FONT
IMMA



JULIEN FLÉCHARDE
Bouygues Bâtiment

14:45 - 15:15

TAKT TIME PLANNING & PRODUCTION CONTROL IN LARGE RESIDENTIAL PROJECTS - HOW TO REACH THE FULL POTENTIAL

The Norwegian construction industry experience a considerable and growing interest in takt time planning and how to apply it. In this session, Sigmund, Sigmund, and Marte from Veidekke will demonstrate how takt time planning was used in a residential project including 342 apartments. They will also share the success factors - and certain stumbling blocks - on their way to reach the full potential of using Takt for production planning and control.



SIGMUND ASLESEN



SIGMUND REFF
Veidekke



MARTE SCHIA

15:15 - 15:30

Q&A

15:30 - 15:45

BREAK

15:45 - 16:15

MY SPIRITUAL LEAN JOURNEY - THE HUMAN FACTOR IN BUILDING A LEAN CULTURE

Stephan describes his Lean journey as a journey in the material world where he tries to create opportunities to improve quality, deliver on time, enhance collaboration and satisfy customer needs. In this session, Stephan will discuss his Lean journey and touch on the importance of the human factor and humanness to build a Lean culture. He will also discuss how Félix Giorgetti, a general contractor in Luxembourg approaches Lean Construction and foster a Lean culture.



STEPHAN VASSEN
GIORGETTI Félix

THE EUROPEAN LEAN CONSTRUCTION CONFERENCE



PROGRAM

DAY ONE

16:15 - 16:45

SUPPORTING CROSS-DISCIPLINARY DECISION-MAKING WITH CHOOSING BY ADVANTAGES



RANDI CHRISTENSEN
COWI



ANNETT SCHÖTTLE
Refine Projects



Delivering projects with complex success criteria, e.g. UN Sustainability Goals, requires collaboration. A decision-making process is critical to understand the different perspectives and to support cross-disciplinary conversations. Choosing by Advancing (CBA) is a system that supports transparency and traceability when a team has to deal with contradictory criteria. In this session, Annett and Randi will discuss why decision-making methods are crucial to deliver sustainable projects and how CBA enables cross-disciplinary conversations.

16:45 - 17:00

Q&A

17:00 - 17:05

DAY ONE CLOSING REMARKS

DAY ONE

THE EUROPEAN LEAN CONSTRUCTION CONFERENCE



PROGRAM

DAY TWO

09:00 - 09:15 CEST CONFERENCE DAY TWO INTRO

09:15 - 09:45

HOW HIGHWAYS ENGLAND STARTED AND SUSTAINED THEIR LEAN JOURNEY



NEAL SYMMONS
Highways England



DEREK DRYSDALE
LCI UK



Highways England has been on a Lean journey for more than a decade. In this session, Neal and Derek will talk about how Highways England started their lean initiative, how they got executive support and buy-in, results they have gained from early implementations, and lessons they have learned along the way. They will also share the current initiatives at Highway Englands to sustain the vision, encourage continuous improvement, and involve the supply chain.

09:45 - 10:15

PRESENT AND FUTURE OF LEAN CONSTRUCTION IN SPAIN: METHODOLOGY & BUSINESS CASE.



JUAN FELIPE PONS
Think in Lean



MANUEL VILLANUEVA
Cognita



Lean Construction is gaining momentum in Spain, both in private and public companies. In this session, Juan Felipe and Manuel will explain a methodology they have created that combines LPS, Takt Time, Visual Management, 5S, and the concept of Big Room. They will also discuss how the method was applied in the construction of a school building and how the project was completed in only 11 months, despite two DANA storms and COVID19.

10:15 - 10:30

Q&A

10:30 - 10:45

BREAK

10:45 - 11:15

APPLYING LEAN CONSTRUCTION ON A 500 MILLION EURO HOSPITAL PROJECT



RETO VITAL
Insel Gruppe



The BB12 is a large and highly complex hospital project in Switzerland. The project team utilized LPS and other Lean tools to manage the overall project. In this session, Reto will share his perspective as an owner and explain why owners need to help promote Lean Construction. He will also discuss how Lean Construction helped them create an environment that fosters transparency, openness, shared responsibility, and acceptance of diversity.

11:15 - 11:45

INTEGRATING THE OWNER, CRAFT WORKERS & END USERS: RENOVATING AN OFFICE WITH 2300 EMPLOYEES WITHOUT DISTURBING THEIR WORK



CLAUS NEENSOHN
Refine Projects



ANDREAS BÖKER
Refine Projects



There are many challenges in developing and implementing a new workplace renovation for 2,300 employees in the shortest possible time during ongoing operations, while not disrupting the creative processes of the employees. To meet these challenging goals, the owner relied on Lean collaborative project management. In this session, Claus and Andreas will discuss the integration of the owner, craftsman and the end-user in the project execution and commissioning.

11:45 - 12:00

Q&A

12:00 - 12:45

BREAK & EXHIBITORS DEMOS

THE EUROPEAN LEAN CONSTRUCTION CONFERENCE



PROGRAM

DAY TWO

12:45 - 13:30

ACADEMIC PANEL

What are the main areas of research for Lean Construction in Europe? How do university professors engage with industry practitioners? What role do universities play in increasing Lean adoption? This and more will be discussed in the Academic Panel, with representatives from leading universities in UK, France, Norway, Germany, and Finland.

MODERATOR



CLAUS NEENSOHN
Refine Projects



PANEL



LAURI KOSKELA
University of Huddersfield



ZOUBEIR LAFHAJ
Centrale Lille



BO KALSAAS
University of Agder



SHERVIN HAGHSHEENO
Karlsruhe Institute of Technology



OLLI SEPPÄNEN
Aalto University



13:30 - 13:45

Q&A

13:45 - 14:00

BREAK

14:00 - 14:30

INTEGRATED PROJECT DELIVERY IN AN ERA OF CONSTRUCTION 4.0

The implementation of Lean processes has created the demand for new, decentralized project delivery models, such as the Integrated Project Delivery (IPD). In this session, Daniel will discuss how Construction 4.0 might change the project delivery models, how can Integrated Project Delivery be used to manage projects in a time of Construction 4.0 and what new forms of project delivery models are needed or are possible.



DANIEL M. HALL
ETH Zurich



14:30 - 15:00

THE APPLICATION OF A3 PROBLEM SOLVING TO SYSTEMATICALLY IMPROVE PROJECT DELIVERY

A critical aspect of any project delivery is understanding the real reason for problems and then systematically eliminating these problems to improve the next project. In this session, Maria will provide an overview of one of the most powerful systematic problem-solving tools, the A3 report. She will illustrate the A3 report in action with several case studies, discuss the pros and cons and explain how this method can be pivotal to support your continuous improvement journey.



MARIA RYAN
Crystal Lean Solutions



15:00 - 15:15

Q&A

15:15 - 15:30

BREAK

15:30 - 16:00

YOU CAN'T MANAGE WHAT YOU CAN'T MEASURE - A DATA-DRIVEN APPROACH TO SUPPORT LEAN CONSTRUCTION

Data-driven dashboards, and related remarks and alarms, makes potential project problems visible from early on and helps identify early warning signs. This can also enable us to predict if a project will face any problems and hence mitigate that before the situation escalates. In this session, Sakari will demonstrate how data-driven dashboards support Lean Construction efforts in multiple different ways and how you can't manage what you can't measure.



SAKARI PESONEN
Fira Smart Services Oy



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DAY TWO

16:00 - 16:30

HOW DIGITAL TRAINING CAN BUILD LEAN CAPABILITIES



NIKLAS MODIG
Best-selling Author, Speaker
& Lean Expert



In this session, Niklas will discuss how to make sure that construction projects not only “hit the ground running”, but also how projects can establish a strong culture of continuous improvement. Niklas will shed light on how really successful projects use knowledge about construction excellence (Lean Construction, Virtual Design, and Construction, IPD, collaboration, etc.) together with innovative pedagogy and smart technology in order to develop their team into an improvement engine.

16:30 - 16:45

Q&A

16:45 - 17:00

CONFERENCE CLOSING

DAY TWO

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SPEAKERS

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ALAN MOSSMAN

Principal, The Change Business

Alan is an experienced Lean design and Lean construction-management consultant, originally trained as an architect. He has worked in local government, higher education, and as a socio-technical systems consultant since 1988. He returned to construction in 2001 to apply his knowledge in design and organization development.



AIDEN O'DWYER

Head of Operations - Ireland & UK, DPS Engineering

Aiden is Head of Operations for Ireland & the UK and has over 30 years of experience in Operations, Program Management, Engineering, and Construction, for diverse capital projects within the Pharmaceutical, Life Science, and Petrochemical sectors. For the last 15 years, Aiden focused on the Pharma and Life Science business sectors.



WILLIAM POWER

Productivity & Performance Manager, DPS Engineering

William is an experienced Construction Management professional with over 30 years of experience in project delivery across all sectors including residential, commercial, pharma, life sciences, marine, infrastructure, underground and overhead utilities. William is a published author in the peer-reviewed Lean Construction Journal.



WERNER PIETZONKA

Senior Project Manager, F. Hoffmann La Roche

Werner has over 20 years of international experience in project management in the Life Science Industry. He spent the last 7 years in leading positions for various site development projects at Roche Site Basel, Switzerland, representing the company & owners' interests in efficient and effective project execution.



DOMINIK DENGLER

Lean Coordinator, ARGE S+B Baumanagement

Dominik holds an MSc in construction project management. After gaining several years of experience in complex large-scale construction projects, he was entrusted with the coordination, effective implementation, and ongoing development of the Lean Construction methods at F. Hoffmann La Roche's pRED Center.

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FERNANDO CERVERÓ ROMERO

CEO – THiNK Productivity

Fernando started his journey in 2010 visiting UC Berkeley. His intention was to understand the theory and practical application of Lean Construction. In 2011, he founded the Spanish Group for Lean Construction. Since then he has applied Lean Construction with more than 200 projects.



FABIEN FONT

President, IMMA

Fabien is one of the pioneers of Lean Construction in France, with more than 1000 Lean Construction implementations all over the world. He's the author of "Le Lean Construction" and founder of IMMA, a consultancy and training firm focusing on the adaptation and implementation of Lean Construction in France.



JULIEN FLÉCHARD

Deputy director, Bouygues Bâtiment France

Julien is an experienced project manager. He has been leading an ambitious transformation project to implement modern methods of construction in Bouygues Bâtiment France business since 2018, focusing mainly on off-site construction, Lean Construction and supply chain management.



KEVIN MCHUGH

Associate Director, Mace

Kevin brings experience from uniquely diverse engineering management roles and has developed an in-depth understanding of what it takes to deliver lean construction and apply Lean techniques at each stage of a project. He is a Ph.D. Candidate at the University of Huddersfield on the topic of Digital Lean Construction Management.



RAY BERTSCHLER

Global Head Lean Construction, Implenla

Ray has over 10 years of experience in project business from a global company in the industrial sector and has a deep understanding of lean management principles. In his current role, Ray is driving the development and incorporation of Implenla's Lean Construction approach into Implenla's construction projects.

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ROBIN HENDRICH

Head of Transformation – Strategic Consulting, Jacobs

Robin is the Head of Transformation in Strategic Consulting and is based in London with Jacobs. She studied Lean and the Last Planner System at UC Berkeley under Glen Ballard and has been a practitioner, leader, and advocate ever since. Her experience spans the nuclear, highways, aviation, and healthcare sectors.



THOMAS BAIERL

Head of Lean Management, PORR Design & Engineering

Thomas is a business leader and consultant with more than 15 years of experience in construction. Thanks to a Master's degree in computer science he has a deep understanding of the challenges in the field of digital transformation. He is responsible for the strategy and rollout of LEAN transformation within PORR group.



LINA JANKAUSKIENĖ

Consultant & Owner, Lina Lean

Lina is a Lean consultant and business advisor, passionate about process improvement and organizational and people development. Her goal is to improve the Lithuanian entities' performance and efficiency by introducing modern management practices, enhancing employee engagement, and supporting change management.



SIGMUND ASLESEN

Development Manager & Head of Standardisation, Veidekke

Sigmund A. is the development manager in Veidekke and leads the company's standardization initiative. He's convinced that for a company to improve its projects' performance, the best that can be done is to meet halfway – and be open to talk, share and understand – instead of pushing a recipe of best practices.



SIGMUND REFF

Site Manager & Head of Standardisation of Residential Projects, Veidekke

Sigmund R. is the site manager at the Ulvenparken residential project and leads the standardization of residential projects all across Veidekke Norway. He's a people person who strongly believes in team collaboration and doing what is needed to build and foster a collaborative culture in order to succeed.

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MARTE TOLLEFSEN SCHIA

Master Student, Norwegian University of Science & Technology

Marte is a student at the Norwegian University of Science and Technology. She is writing her master thesis on Takt, using the Ulvenparken project as a case. Marte's main concern is with the quality control part of using Takt, which she considers to be fundamental to attain flow in construction production.



STEPHAN VASSEN

Head of Lean Construction, GIORGETTI Félix

Stephan started his Lean journey in 2012 and was immediately attracted by the simpleness of the tools and the charm of continuous improvements. At that time, he also started meditating and found many associations between his inner journey and his outer life; his meditation practice helped create a balance to take on change.



RANDI CHRISTENSEN

Associate Technical Director, COWI

Randi has been an active part of the Lean Construction community for more than 15 years. She is currently working as a Lean and Innovation leader at Lower Thames Crossing, a combined tunnel and road program in London. She is also leading Sustainability across COWI Business Line International.



ANNETT SCHÖTTLE

Head of Refine Munich Office, Refine Projects

Annett is a passionate researcher in the area of Lean Construction and collaboration with several publications. She is currently helping different project teams (design and construction) in their Lean journey and has trained trainers worldwide in Choosing by Advantages (CBA) for a German multinational automotive company.



NEAL SYMMONS

Lean Technical Manager, Highways England

Neal is a highly experienced and disciplined Civil Engineer and Continuous Improvement leader, with a proven track record having worked on and led a variety of multi-million-pound major schemes in the UK and the Middle East. Neal has over 10 years of experience in the deployment of Lean-Sigma in the construction industry.

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DEREK DRYSDALE

Chair of the Lean Construction Institute UK

Derek is a world-recognized thought leader in Lean Construction. His career has involved numerous senior executive-level positions within large client organizations across roads and highways, railways, nuclear and general construction. He has managed a number of high-profile and complex change programs.



JUAN FELIPE PONS

Consultant, Think in Lean

Juan Felipe started his engineering career in 1998 and holds an MSc in Construction Management, PgCert in Lean Manufacturing, and Green Belt in Lean Six Sigma. He is the CEO of Think In Lean and works as a Lean construction trainer and consultant. He is an author of four books, three of them about Lean Construction.



MANUEL VILLANUEVA

Lean Construction & Expansion Project Manager, Cognita

Manuel works as a Project Manager at Cognita from where he manages construction and expansion projects. Throughout his professional career, he has managed more than 60 projects (especially buildings), in 10 countries, worth around € 70 million. He has been studying and applying Lean Construction for about 10 years.



RETO VITAL

Senior Project Leader, Insel Gruppe

Reto is the vice project manager and BIM responsible for the new hospital building Construction Area 12 for the Real Estate and Operations Directorate of the Insel Group. As the head of BIM Competence, he is jointly responsible for data delivery and BIM implementation in new construction projects.



CLAUS NESENSOHN

Founder & CEO, Refine Projects

Claus is a Lean Construction Expert and has lead and coached a number of teams in Europe, enabling them to develop and sustain productivity improvement using Lean methods and Lean thinking. He is the CEO of the Refine Projects AG, a consultancy firm focusing on improving processes, Lean management & Lean Construction.

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ANDREAS BÖKER

Senior Lean Transformer, Refine Projects

Andreas has more than 20 years of international experience as a project engineer, site manager, project lead, and department lead in various construction management businesses from housing to power plants. He got inspired by the Lean Mindset and decided to join Refine Projects to further spread this mindset.



LAURI KOSKELA

Professor, University of Huddersfield

Lauri has been involved in lean construction research since 1991. His research has focused especially on the theories of production as well as project management underlying lean construction. He has been researching the theory of design since 2005 and has promoted the view that design theorizing started already in Antiquity.



ZOUBEIR LAFHAJ

Professor, Centrale Lille

Zoubeir is a professor at Centrale Lille Institute, France. He has also served as the chairman of Construction 4.0 since 2017, an industrial research institution that deals with the challenges of modernizing the construction industry. He has written more than 150 scientific articles and supervised 31 doctoral thesis.



BO KALSAAS

Professor, University of Agder

Bo is a professor at the Department of Engineering Sciences at the University of Agder. His main areas of research interest include Lean Design and Engineering Management and Target Value Design. He is a board member of Lean Construction Norway.



SHERVIN HAGHSHEENO

Professor, Karlsruhe Institute of Technology

Shervin is the Managing Director at the Institute of Technology and Management in Construction at KIT. Previously he served in different leadership positions in the construction industry. His research focus is on collaborative project delivery models and Lean Construction. He co-founded the German Lean Construction Institute.

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OLLI SEPPÄNEN

Associate Professor, Aalto University

Olli is an Associate Professor of Practice at the Aalto University School of Engineering. His research interests include real-time production control, location-based management systems, prefabrication, and digitalized construction operations. Olli has been an active member of the International Group of Lean Construction.



DANIEL M. HALL

Assistant Professor, ETH Zurich

Daniel is Assistant Professor of Innovative and Industrial Construction at ETH Zürich. His current research interests include: Industrialised Construction, Governance of Integrated Project Delivery, Blockchain in Construction and Industry 4.0. Daniel holds a Ph.D. in Civil and Environmental Engineering from Stanford University.



MARIA RYAN

Managing Director, Crystal Lean Solutions

Maria is the Managing Director of Crystal Lean Solutions with nearly 30 years of experience in Lean deployment and supporting project delivery with Direct Observation, Problem Solving, and the Last Planner System. She has led the LCI Lean pass program and is currently developing the Yellow and Green Belt LCI standard.



SAKARI PESONEN

Solutions Sales Manager, Fira Smart Services Oy

Sakari has over 20 years of experience in the construction industry with multiple general contractors. He is a lean construction enthusiastic that wants to ensure that worksites have the best possible digital tools to help daily work. Happy worksites create excellent data. Excellent data enables magnificent Data-driven dashboards.



NIKLAS MODIG

Best-selling author, speaker & lean expert

Niklas is one of the leading authorities within lean in Europe. He is a global speaker and the author of one of the most sold lean books of all time "This Is Lean - Resolving The Efficiency Paradox". Since 2017 he has been working with HENT. In June 2021 Niklas will launch a new digital training platform called ConstructionExcellence.