

THE EUROPEAN LEAN CONSTRUCTION CONFERENCE



JUNE 22. & 23. 2022

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

THE FUTURE OF LEAN CONSTRUCTION



SELIM-TUĞRA DEMİR
Drees & Sommer



We do not know what the ultra-efficient construction site is. But we do know that we need it! The Future of Lean Construction describes the path to the ultra-efficient construction site on the basis of five lean eras. While we are currently in the transition phase from analog Lean to digital Lean construction. The aim of the session is to provide new inspiration and impulses through an outlook on smart lean construction and autonomous lean construction.

09:45 - 10:00

Q&A

10:00 - 10:15

BREAK

10:15 - 10:45

USING LOW-CODE DEVELOPMENT TO SUPPORT LEAN CONSTRUCTION PRACTICES



EDER MARTINEZ
Implenia



Low-code development is a technology enabling people with no advanced computing or coding skills to develop custom made applications to address specific operational needs. This technology has the potential to support the digitalization of construction processes and facilitate Lean Construction implementation. In this session, Eder will share examples of how he is using low-code technologies to develop lean dashboards and track lean KPIs.

10:45 - 11:15

VIRTUAL DESIGN AND CONSTRUCTION (VDC) AS A FRAMEWORK FOR DIGITAL LEAN-BASED COLLABORATION



ROAR FOSSE
Skanska



For a number of years, both lean-based collaborative practices and digitalization have been leveraged in the industry at an inspiring pace. But how can we actually implement these practices together? Which digital practices align well with which lean principles? In Skanska Norway, VDC has been a helpful framework to integrate lean and digitalization. In this session, Roar will share key concepts, implementation strategies and lessons learned.

11:15 - 11:30

Q&A

11:30 - 12:00

MEET THE EXHIBITORS: APPLYING DIGITAL TOOLS TO SUPPORT LEAN IMPLEMENTATION

When we think about Lean Construction, we often imagine a wall filled with post-it notes. But over the past few years, and accelerated by the pandemic, several new digital tools have entered the market with the purpose of advancing lean construction implementation using technology. In this session, several of our exhibitors will present their tools, discuss the benefits of big data, and how technology can increase lean adoption and enhance your LPS implementation.

12:00 - 12:45

BREAK & EXHIBITORS DEMOS

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PROGRAM

DAY ONE

12:45 - 13:45

ACADEMIC PANEL

The academic panel brings together leading university professors and researchers throughout Europe. This exciting discussion will focus on how research and academia support industry challenge such as: improving project delivery, how to educate the next generation of Lean Construction leaders, and ongoing research & collaboration between industry, governments and academia.

MODERATOR



CLAUS NEENSOHN
Refine Projects



PANEL



LAURI KOSKELA
University of Huddersfield



ZOUBEIR LAFHAJ
Centrale Lille



MARGARETE OLENDE
Institut Digitales Bauen FHNW



SHERVIN HAGHSHEENO
Karlsruhe Institute of Technology



13:45 - 14:00

Q&A

14:00 - 14:15

BREAK

14:15 - 14:45

INTRODUCTION TO TAKT PLANNING AND CASE STUDY EVIDENCE OF TAKT PLANNING



OLLI SEPPÄNEN
Aalto University



Takt Planning is gaining popularity throughout Europe. With Takt, projects are able to create more reliable flow, learn faster, and reduce waste. In this session, Olli will introduce Takt Planning, share some case studies of how projects have implemented Takt and their results. Olli will also discuss the Takt maturity model and explore how to digitally support Takt production.

14:45 - 15:15

USING THE LAST PLANNER SYSTEM AND TAKT PLANNING FOR OFFSHORE WIND CONSTRUCTION



JON LERCHE
Ørsted



The offshore wind industry has been developing since 1991, when the first offshore wind farm was constructed in Denmark. Since then, both academia and the industry have made giant leaps in technological and managerial advancements. In this session, Jon will give you an understanding of the offshore wind lean construction journey and present how both the Last Planner System and Takt have been applied to the construction of offshore wind farm projects.

15:15 - 15:30

Q&A

15:30 - 15:45

BREAK

15:45 - 16:15

CHALLENGES OF A TECHNICAL DEVELOPERS' JOURNEY TO BECOMING A LEAN ORGANIZATION



MEHRNOUSH NAYEBI
ECE Architecture & Construction



The implementation of Lean Management at ECE Architecture & Construction is not limited to methods and tools, it is a holistic approach to a Lean transformation with the ultimate goal of becoming a learning organization and establishing the Lean culture within the company. In this session, Mehrnoush shares practical examples and challenges of a technical developers' journey to becoming a Lean organization.

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PROGRAM

DAY ONE

16:15 - 16:45

15 YEARS OF LEAN, FROM THE GROUND UP



JEAN-BAPTISTE
BOUTHILLON
PARIS-OUEST CONSTRUCTION



The Lean journey at Paris-Ouest Construction started at the end of 2007 through Gemba walks at their construction sites. Since then, at a pace of 3 to 4 visits per week, they have created a production based strategy using the lean approach. In this session, Jean-Baptiste will explain how through problem solving, Paris-Ouest Construction have discovered and applied lean tools to their projects, in order to accelerate flow and improve their processes and enhance their quality as well as on time delivery of their projects.

16:45 - 17:00

Q&A

17:00 - 17:05

DAY ONE CLOSING REMARKS

DAY ONE

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PROGRAM

DAY TWO

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

09:15 - 09:45

WHAT ARE THE RIGHT INGREDIENTS FOR HIGH PERFORMING TEAMS?

Building a high-performing team is simple but not easy. Lean and Agile are the perfect ingredient for teams to deliver integrated solutions across disciplines right first time without losing sight of their ultimate desired outcomes. This is the story of an 18-month pilot that involved lean consultants, agile coaches, engineers, and customers working together to build high performing teams across Europe. In this session, Robin & Cinzia will highlight how Lean has helped Jacobs improve their services and eliminate process steps that generate waste.



ROBIN HENDRICH
Jacobs



CINZIA MAGGIORE
Jacobs



09:45 - 10:15

USING AGILE CONCEPTS & PRACTICES TO ASSIST PROJECT EXECUTION

Agile principles, concepts and frameworks are disrupting established organizations by driving innovation and openness to new ways of working. Providing transparency and flexibility by encouraging cross-functional collaboration and repeated delivery of value increments will be a key differentiator for construction stakeholders and projects. This session introduces Agile's concepts & their application in design and construction execution.



WILLIAM POWER
Lean & Agile Construction



DEREK SINNOTT
Lean Construction Ireland



10:15 - 10:30

Q&A

10:30 - 10:45

BREAK

10:45 - 11:15

VALUE ADDED AND NON VALUE ADDED APPROACH TO IMPLEMENT LEAN CONSTRUCTION

Thinking in terms of the customer's needs makes it possible to initiate change in order to improve overall performance. This new way of looking at the organization allows all the actors of the project to see the added value and the non-added value: we all start hunting for waste from the worker to the project manager. In this session, Sophie discuss how to use a structured approach to identify waste, understand value and enhance customer satisfaction.



SOPHIE MUHLSTEFF
IMMA



11:15 - 11:45

THE POWER OF LEAN VISUAL MANAGEMENT IN CONSTRUCTION

Visual management is the visual and definitive verification that Lean Construction was implemented correctly. Visual management is nothing more than the evidence that the set of Lean tools and concepts necessary for a given project was suitably implemented; the KPIs chosen by the management team are being followed and updated by everyone, and continuous improvement based on the performance obtained is being carried out in the right way. In this session, Juan further explore this topic and provide some handy tips & tricks.



JUAN FELIPE PONS
Think In Lean



11:45 - 12:00

Q&A

12:00 - 12:45

BREAK & EXHIBITORS DEMOS

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PROGRAM

DAY TWO

12:45 - 13:45

PROJECT MANAGERS PANEL

The project manager panel will bring together four senior construction project managers from around Europe. They will share why and how they have implemented Lean Construction on their projects. The panelists will focus on the challenges they had to solve in order to involve all the project stakeholders, while respecting the culture, the legal framework and the specificities of their projects.

MODERATOR

PANEL



FABIEN FONT
IMMA



LAURENT PION
VINCI Construction



MANUEL VILLANUEVA
Cognita



PETER SCHÖNFELDINGER
Handler Group



PETER ROELLGEN
BMW

13:45 - 14:00

Q&A

14:00 - 14:15

BREAK

14:15 - 14:45

IPD IN EUROPE - STATUS QUO AND WHAT IT TAKES TO LEAD

Integrated Project Delivery (IPD) is a well-known word, but not many people have participated in an IPD project in Europe so far. There are countries such as Finland that have implemented IPD in hundreds of projects while countries such as Germany that are still on the sideline. This session is a wake up call. Annett will give an overview of the status quo of IPD in Europe and explain the reasons why the diffusion is still low and what it takes to be part of the change.



ANNETT SCHÖTTLE
Refine Projects

14:45 - 15:15

IPD & PROJECT ALLIANCE EXPERIENCE IN FINLAND

Finland is undergoing an immense change in the execution of real estate development and construction projects. Nearly 100 projects have already been launched in the country with the Integrated Project Delivery principle. The total value of the projects is over 7.0 billion euros. In this session, Lauri will explain why this is happening, what the Finns have learnt so far, and how the implementation of lean in their projects have led to better results.



LAURI MERIKALLIO
Vision Oy

15:15 - 15:30

Q&A

15:30 - 15:45

BREAK

15:45 - 16:15

APPLYING PULL PLAN & KANBAN IN LARGE BIG BOX RETAIL REMODELING

Construction time is the most crucial aspect of retail remodeling, because a closed store generates no revenue. In this session, Luca will share his experience working with Bricocenter, the Italian DIY store chain, and how they were able to reduce construction time by successfully applying Pull Planning and Kanban, resulting in shorter store closings and increased revenue.



LUCA COTTA RAMUSINO
Lean360

16:15 - 16:30

Q&A

16:30 - 16:45

CONFERENCE CLOSING

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SPEAKERS

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SELIM-TUĞRA DEMİR

Senior Manager, Drees & Sommer

Selim-Tugra is a Senior Manager at Drees & Sommer. In his current role, he is involved in the implementation of lean management systems aimed at increasing the effectiveness and efficiency of construction projects. Selim-Tugra is a world-renowned expert in the field of Lean Design and Lean Construction.



EDER MARTINEZ

Head Lean Construction Tunneling, Implenía

Eder is a Lean Construction expert with a mixed background of practice and research. He has more than 12 years of project management experience in different areas of the construction industry, including infrastructure, process improvement, digitalization. Eder complements these experiences with Ph.D. from the UC Berkeley.



ROAR FOSSE

Chief Advisor - Operational Excellence, Skanska

Roar has through various roles worked with lean and BIM in projects and is passionate about how digitalization and collaborative principles and practices align. He is also a board member of Lean Construction Norway and a frequent guest lecturer at NTNU. He holds VDC Certificate & VDC Mentor Certificate from coaching 20 people.



CLAUS NESENSOHN

Founder & CEO, Refine Projects AG

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.



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.

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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.



MARGARETE OLENDER

Professor, University of Applied Sciences and Arts Northwestern Switzerland

Margarete is professor for virtual design and construction with a focus on integrated processes at the FHNW - University of Applied Sciences and Arts Northwestern Switzerland since 2022. She is a qualified architect and has been working on the optimization of planning processes in practice and theory since 2010.



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.



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.



JON LERCHE

Senior Management Consultant, Ørsted

Jon is a Postdoc and member of Centre for Energy Technologies (CET) at Aarhus University. His research has shown similarities between construction, operations management, and modular offshore wind farm projects. Jon wants to help EPC projects deliver on time and within budget by bringing people & technology together.

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MEHRNOUSH NAYEBI

Lean Manager, ECE Architecture & Construction

Mehnoush is a Lean expert with a background in civil engineering and project management. She is also a university lecturer at the Stuttgart University of Applied Sciences. Mehrnoush is a firm believer of "Lean Mindset" and is passionate about Lean Transformation with focus on IPD and TVD.



JEAN-BAPTISTE BOUTHILLON

CEO, Paris-Ouest Construction

Jean-Baptiste is a Civil Engineer and the CEO of Paris-Ouest Construction. His company was founded in 1945 and specializes in apartment condominiums in the greater Parisian area. They have 330 employees, including 150 hourly workers who do the concrete work and an annual turnover of 115 M€ in 2021.



ROBIN HENDRICH

Vice President - European Transformation, Jacobs

Robin is the Vice President - European Transformation in Jacobs and is based in London. She studied Lean and the Last Planner System at UC Berkeley under Glenn Ballard and has been a practitioner, leader, and advocate ever since. Her experience spans the nuclear, highways, aviation, and healthcare sectors.



CINZIA MAGGIORE

Strategic consultant, Jacobs

Cinzia has over 10 years of experience in asset management, digital, business intelligence and innovation across sectors. She is also Agile coach and SCRUM Master, leading the agile transformation in her organization, challenging the status quo and promoting design thinking and lean start-up to transform ways of working.



WILLIAM POWER

Construction Productivity Coach, Lean and Agile Construction

William is an experienced Construction Management professional with over 30 years of experience in project delivery across all sectors including residential, commercial, manufacturing, pharma etc. He is currently undertaking doctoral research in Continuous Improvement in Construction Project Delivery.

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DEREK SINNOTT

Director, Lean Construction Ireland

Derek is Senior Lecturer and Researcher in the School of Engineering at South East Technological University in Ireland. He is also the Director of Lean Construction Ireland, a community of learning and practice that advocates for the transformation of the Irish construction sector through the adoption of Lean thinking and practices.



SOPHIE MUHLSTEFF

Consultant, IMMA

Sophie started at IMMA in 2013 as a Lean Construction consultant. For the past 8 years, she has deployed lean on more than 200 construction projects of all types (building, new construction, rehabilitation, civil engineering..) She lead transformation projects for companies ranging from SMEs to major construction companies.



JUAN FELIPE PONS

CEO, 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.



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.



LAURENT PIOTON

Project Manager, VINCI Construction

Laurent has worked as project manager for VINCI for 10 years. He worked on various type of projects ranging from stadium to nuclear laboratory. He discovered lean in 2015 and have applied it ever since. His last project was the construction of the Siemens Gamesa windmill factory where he applied lean to coordinate the trades. p

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MANUEL VILLANUEVA

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.



PETER SCHÖNFELDINGER

Project Manager, Handler Group

Peter has been with the Handler Group since 2008, starting as technician up to leading a team of 3 site managers. Since 2019 he has been responsible for Lean Management in the Group. He is a project manager for in House projects with IPD.



PETER ROELLEN

BMW

Peter is a civil and industrial engineer with more than ten years of experience in construction production, contracts, and consulting. For eight years, he has been responsible for quality assurance and project development in the real estate department of BMW AG .



ANNETT SCHÖTTLE

Partner & Head of refine cell Munich, Refine Projects AG

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.



LAURI MERIKALLIO

Partner, Vison Oy

Lauri is an entrepreneur, consultant, and researcher. He has worked as a project engineer, project manager and executive for over 25 years. He has been very active in Lean Construction society both in Finland & internationally. He was awarded the Civil Engineer of the year in Finland (2016) and Roadman of the decade (2010).

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LUCA COTTA RAMUSINO

Lean Construction Coach, Lean360

Luca Cotta Ramusino brings over 25 years' experience in construction to his consulting practice, Lean360. He is a Chartered Professional Engineer, a Lean Construction Coach and also the author of two Lean Construction books.