

Building design collaboration : what, why, and how

Pikas, Ergo; Koskela, Lauri Jaakko; Gomes, Danilo Routledge Handbook of Collaboration in Construction 2024 / p. 61-72
<https://www.taylorfrancis.com/chapters/edit/10.1201/9781003379553-8/building-design-collaboration-ergo-pikas-lauri-koskela-danilo-gomes>

Carbon emissions of construction operations in a cold climate

Pikas, Ergo; Löhmus, Rauno; Koskela, Lauri Jaakko; Tetik, Müge; **Vendel, Kädi-Riin** Proceedings of the 32nd Annual Conference of the International Group for Lean Construction (IGLC 32) 2024 / p. 1063-1073 <https://doi.org/10.24928/2024/0228>

Construction site emissions : Exploring sustainable practices

Tetik, Müge; **Pikas, Ergo; Koskela, Lauri Jaakko; Vendel, Kädi-Riin** Proceedings of the 33rd Annual Conference of the International Group for Lean Construction (IGLC33) 2025 / p. 1208-1218 <https://doi.org/10.24928/2025/0127>

Continuous improvement of the digital Last Planner System whiteboard

Pikas, Ergo; Jaagant, Rasmus; **Koskela, Lauri Jaakko** Proceedings of the 33rd Annual Conference of the International Group for Lean Construction (IGLC 33) 2025 / p. 846-856 <https://doi.org/10.24928/2025/0209>

Evaluation of the literature syntheses on lean construction contributions to sustainability

Tetik, Müge; **Koskela, Lauri Jaakko; Pikas, Ergo; Vendel, Kädi-Riin** Proceedings of the 32nd Annual Conference of the International Group for Lean Construction (IGLC 32) 2024 / p. 1027-1038 <https://doi.org/10.24928/2024/0194>

Exploration of lean construction in Japan and its paradoxical stance

Shigaki, Jeferson Shin-Iti; **Koskela, Lauri Jaakko;** Tezel, Algan; Pedro, Barbara Proceedings of the 32nd Annual Conference of the International Group for Lean Construction (IGLC 32) 2024 / p. 1219-1231 <https://doi.org/10.24928/2024/0193> [Conference Paper at Scopus](#)

Exploring lean principles in large-scale renovation: A review of socio-economic impacts

Vendel, Kädi-Riin; Pikas, Ergo; Koskela, Lauri Jaakko; Tetik, Müge Annual Conference of the International Group for Lean Construction, IGLC 2025 / p. 1161-1172 <https://doi.org/10.24928/2025/0151>

Open-source, low-code, no-code : digitalization of renovation processes

Pikas, Ergo; Koskela, Lauri Jaakko; Kalamees, Targo; Iliste, Elisa; Viik, Joosep 5th International Conference Forum Wood Building Baltic : 26-28 February 2024, Tallinn, Estonia : proceedings 2024 / p. 16-17 <https://digikogu.taltech.ee/et/item/22318c67-e0ef-42f1-88c7-34c9d9677b17> https://www.ester.ee/record=b5668645*est

Routledge Handbook of Collaboration in Construction

2024 <https://doi.org/10.1201/9781003379553-1>

What Types of Problem-Solving are Used in the Last Planner System?

Bölviken, Trond; Skaar, John; Kalsaas, Bo-Terje; **Koskela, Lauri Jaakko** Proceedings of the 33rd Annual Conference of the International Group for Lean Construction (IGLC33) 2025 / p. 448-458 <https://doi.org/10.24928/2025/0217>