

Solving Complex Issues through Technology

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Podcast Companion Document



ABOUT MATT ALLEN

Matt Allen, Chief Client Officer at McKinstry, started in the field of construction and project delivery but now focuses on driving the efficiency of the built environment through building operations.



ABOUT DALE SILHA

Dale Silha, Regional VP of the PNW for McKinstry, works within the fields of high performance design-build renovations, renewable energy, energy efficiency, operational excellence, and performance management.

BACKGROUND

Two leaders from McKinstry explain how new builds and renovations can remove waste and climate harm through engineering, design, and technical procedures. With integrated methodology in construction projects, the company seeks to understand how increasingly complex buildings work with new legislative compliance issues, and how we can come up with innovative solutions that drive the efficiency of buildings. The role of both the building operator and occupants are discussed, including passive and active strategies for both parties that can help minimize carbon impact. Customers often have a big, complex problems to solve, and McKinstry then creates partnerships to meet the needs of these problem statements.

WHERE TO LEARN MORE

To learn more about what was discussed in this episode of the Building HEROes Podcast, please use these additional resources.

- <https://www.nexuslabs.online/content/the-energy-management-hierarchy-of-needs>
- <https://edoenergy.com/resources/forecasting-the-future-of-flexible-buildings/>
- <https://www.mckinstry.com/washington-clean-buildings-performance-standard/>
- <https://www.nural.cc/deepmind-ai-framework/>

IMPORTANT TIMESTAMPS

5m20s: Overview: merging innovation of methodologies.

10m05s: How does McKinstry integrate themselves into projects to create innovative buildings?

13m34s: Consideration of building operators and management of the buildings over their lifetimes.

18m30s: What are the technologies that McKinstry is using, testing, and looking forward to?

22m50s: How are these technologies being used to meet new legislation requirements?

34m26s: Understanding energy sharing opportunities, data analytics, and the role of the occupant.

37m46s: Favorite projects or innovations, and closing comments.

