

Thursday, 31 May 2023

EFCA announces the Future Leader of the Year 2023

EFCA is thrilled to announce the **winner** of the fourteenth Future Leader's Competition: **Anders Høie** from Sandvika, **Norway**. Among the **20 entries received from seven different countries**, Anders impressed the jury with his expertise in Augmented Reality (AR). In particular his outstanding contribution to **implementing Augmented Reality in the construction industry** has revolutionised how engineers visualise 3D models on-site.



Anders, 31, is the Key Account Manager at **Trimble Inc.** He has played a crucial role in bridging the gap between the digital and physical realms. His project focused on integrating Augmented Reality (AR) into construction projects, enabling precise 3D model visualisation, customised displays, and access to object attributes for inspections. With incredible drive, he acquired and shared AR knowledge through presentations, articles, and collaboration with industry-leading engineers. The project aimed to maximise value for AR stakeholders in construction. Anders facilitated communication between engineers, product management, and developers, ensuring software innovation addressed industry challenges. He expanded AR implementation in Europe to the great satisfaction of major consulting engineering companies in Norway. Anders is widely recognised as Trimble's leading AR expert in Europe, acting as a crucial link between field engineers and software developers, prioritising beneficial feature development.

The jury congratulates the **two runners-up**, **Patrick Kavanagh** and **Mads Holten Rasmussen**:

Patrick Kavanagh (Ireland), 35, is an Engineering Director at **Building Design Partnership**. Patrick was the lead mechanical and electrical project designer of the **Wren Urban Nest Hotel**, which holds the distinction of being Ireland's first net zero carbon hotel without relying on carbon offsets. Through the elimination of fossil fuels and exclusive use of renewable electricity, the hotel achieved this milestone. Notably, Patrick's concept was developed before an operator was secured, making his success in persuading both the developer and eventual operator to embrace operational net zero carbon particularly commendable. As a result, the hotel stands out by offering environmentally conscious tourists a unique low carbon option, setting itself apart from competitors.

Mads Holten Rasmussen (Denmark), 35, the Business Development Director at **NIRAS**. Mads is driven by a passion to propel the industry forward through the utilisation of linked data technology. His project, named **BART**, has achieved remarkable success in elevating the standard of construction by implementing automated rule checking for designs. This innovative approach detects errors and deficiencies during the design phase, when rectification is both cost-effective and straightforward. Additionally, it guarantees adherence to Building Regulations, ensuring compliance. Mads serves as an outstanding role model, exemplifying the need for industry professionals to evolve into knowledgeable advisors.

In recognition of exceptional merit for engineering excellence among young professionals in our sector, the jury expresses an **honorary mention** to:

- Michael Minehane, Ireland
- Camilla Tang, Denmark
- Elli Susanna Kinnunen, Finland
- Kasper Bach Johannsen, Denmark

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