

# Sustainability Case Studies

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# Case Study

## Peab

### Tåsenhjemmet

#### Project management tool improves documentation and communication

Addnode Group's subsidiary Tribia, part of the Design Management division, has supported the social building company Peab with the project management tool Interaxo to ensure quality and documentation in the development of the Tåsenhjemmet nursing home in Norway.

Peab's Tåsenhjemmet-project has high sustainability ambitions, including BREEAM Excellent and ZeroCO2 certification, which means that there must be clear limits on the amount of CO2 emissions as well as a plan for the building to become climate neutral over time.



**Tribia** is an Addnode Group company that creates and provides the digital project management tool Interaxo which caters to the construction sector. The tool ensures efficient project management through the sharing of company data, traceable communication, documentation management and by maintaining control of the whole project.

**PEAB** is one of the largest social building companies in the Nordics with over 15,000 employees and a focus on its local presence. By building everyday life where its lived, PEAB provides valuable insights to every building project.

#### NEED.



Peab needed a project management tool that would support their high sustainability ambitions in the Tåsenhjemmet project.

#### SOLUTION.



Tribia's project management tool Interaxo ensures quality and documentation in the development of the Tåsenhjemmet nursing home. Interaxo has helped Peab to seamlessly manage all documentation, share information between different parties and maintain full control over the entire project.

#### SUSTAINABLE BENEFITS.



A benefit of using a project management tool like Interaxo is that it reduces the risk of mistakes and misunderstandings, that otherwise could lead to design problems and unnecessary waste during the construction process.

# Case Study

## McMurtry electric sportscars

### Modelling and simulation helps EV:s with energy efficiency improvements

Addnode Group's subsidiary TECHNIA, part of the Product Lifecycle Management division, has delivered the Modelling and simulation solutions Dymola and VeSyMA to McMurtry, one of motorsport's leading electric car manufacturers.

McMurtry sought TECHNIA's expertise to gain a deeper understanding of how the systems in its cars interact with each other to further optimize the cars' performance. McMurtry's ambition is to refine the design to the point where its sports cars can set new speed records.



**TECHNIA** is an Addnode Group company, a global provider of solutions for digitalising product lifecycles – from idea, design, simulation and manufacturing to sale, aftermarket, and repurposing. For our customers, the benefits are shorter lead times, greater innovation, and increased efficiency and traceability, making product creation sustainable.

**McMurtry Automotive** is an innovative electric track car manufacturer, renowned for its record-breaking performances. It operates at the leading edge of technology and works to create the next generation of automotive innovation.

### NEED.



McMurtry needed to refine their electric track car design to achieve new performance records and sought help from TECHNIA. They wanted to simulate the integration of various innovative systems into a cohesive whole.

### SOLUTION.



TECHNIA has helped McMurtry to implement Dassault Systèmes' Dymola and VeSyMA applications to enable McMurtry to design customized and connected vehicle prototypes. These advanced solutions will allow McMurtry to better optimize the efficiency and energy use of its cars.

### SUSTAINABLE BENEFITS.



Experience and solutions from motorsport have traditionally been transferred to commercial vehicle applications. There is therefore good potential for McMurtry's investments in motorsport to contribute to the continued development of the commercial electric car market and thus to society's overall sustainability transition.

# Case Study

## HallandsHamnar Halmstad

### Reduced idling times through port notification tool

Addnode Group's subsidiary Stamford, part of the Process Management division, has implemented a notification system for HallandsHamnar Halmstad's container operations.

HallandsHamnar Halmstad, that is one of the ten largest ports in Sweden, is a modern logistics company offering port, terminal and transportation services.



**Stamford** is an Addnode Group company that helps its customers to optimize their businesses by increasing efficiency through digital solutions. Stamford provides solutions tailored to each customer's needs with flexible products that can be adapted accordingly with the customer's preferences.

**HallandsHamnar Halmstad** is one of the ten largest ports in Sweden, with a strong sustainability commitment. HallandsHamnar operates two different ports in the region of Halland, Halmstad and Varberg.

### NEED.



HallandsHamnar Halmstad's strong ambitions in sustainable solutions and eco-friendly logistics centers mean that the company has a major need for a good overview of its container flows as well as robust planning tools.

### SOLUTION.



Stamford's proprietary software solution, Preadvice, which the port has deployed, enables freight companies and operators to proactively notify the port's customer service department of upcoming deliveries via a mobile app. This in turn enables real-time notifications regarding optimal pick-up times.

### SUSTAINABLE BENEFITS.



The digital transformation of container handling in the port has contributed to a significant increase in resource efficiency, both for the port and for the freight companies. Preadvice also makes it possible to both plan and predict workloads and transportation, which in turn has helped to shorten the idle times of trucks, thereby reducing the amount of CO<sub>2</sub> emissions from the port operations.