NEW SOFTWARE LAUNCHED TO OPTIMISE MAINTENANCE COSTS

📅 4 March, 2019 by <u>Add Energy (mailto:)</u>

Add Energy has joined forces with The University of Salford in Manchester to develop a new technology that will significantly optimise maintenance time and improve overall asset performance.

The cloud-based software, <u>Aim-Hi™ (https://offers.addenergy.no/aimhi)</u>, which is being officially launched today, 5th March 2019, is the culmination of five years of development. It provides real-time visualisation and data insights into asset performance, maintenance and risk across the energy and utility sectors.

The software has already been deployed on 3 assets including a power generation plant, a mining and metals business and a gas processing terminal, where it has helped maintenance teams to save time and cost by expediting the traditionally complex and lengthy process of preparing KPI data manually, reduced corrective maintenance by 8% and halved the amount of time spent on emergency work.

Peter Adam, our Executive Vice President, said: "We have combined years of experience with the intelligence of our consultants and the algorithms we use to create this KPI management solution. <u>Aim-Hi™ (https://offers.addenergy.no/aimhi)</u> puts asset and maintenance managers back in control - helping them make better, more informed decisions, plan more effectively and address unexpected events efficiently.

"In addition to developing the software in partnership with the University of Salford, Add Energy also conducted multiple user group sessions with Uniper's CCGT power plant, located in the Isle of Grain, UK. The maintenance team at this plant provided invaluable user feedback that enabled the tool to be tailored specifically to address the common issues relating big data faced by maintenance teams."

Aim-Hi™ (https://offers.addenergy.no/aimhi) not only provides greater transparency around key performance indicators, but it also enables users to understand why assets are performing as they are and make informed decisions based on reliable, up to date data.

The software focuses on five core areas of compliance analysis including:

> Preventative maintenance

> Corrective maintenance

> Emergency maintenance

> Scheduled maintenance

> And planned vs unplanned maintenance compliance

The approach to the design and utilisation of the software was to enable users to get what they need in no more than 3 clicks:

> With 0 clicks, users can see an overview of how they are performing

> With 1 click, users can discover more about a single KPI, including why they are not hitting their target

> And with 2 clicks, users can dig even deeper, and identify specifically what is causing the issue.

Aim-Hi™ (https://offers.addenergy.no/aimhi) uses graphs to display data enabling users to identify non-compliance instantly, and generates automatic text summaries, explaining what is going on in the graphs.

In addition to this, the software will automatically generate KPI reports for users, as often as they want. Ultimately, Aim-Hi™ (https://offers.addenergy.no/aimhi) will give you the top critical issues you need to go after, with specific data points that back it up.

Aloysius Peter, Business Solutions Architect at Uniper Energy commented: "Aim-Hi™ not only tells you how you are performing against your KPI's relating to maintenance, but, more importantly, it tells you the why behind them."

"Gaining access to such insights at the click of a button, enables business to be more efficient by focusing on fixing issues, rather than manipulating data and spending excessive time investigating the reasons behind under performance."

Julian Bass, Programme Leader of Computing, Science and Engineering said: "This has been a fantastic project for us to be involved with and we look forward to continuing our partnership with Add Energy on new software developments over the next few years.

"As operating assets literally have tens of thousands of working parts which have to be maintained, according to a carefully optimised schedule, creating the Aim- Hi™ software was a real test of our ingenuity, and we are delighted it is working so well for

Add Energy and its customers.

"The partnership with Add Energy has enabled us to enrich our courses with syllabus updates, assignments and projects based on the issues actually confronted in the commercial energy sector. This improves the employability of our students and ensures our teaching is up-to-date and relevant.

"In addition to this, the Knowledge Transfer Partnership (KTP) with the University of Salford and Add Energy was recently awarded an 'Outstanding' status from Innovate UK, which made us extremely proud. Very few KTPs achieve the accolade."

You can learn more about Aim-Hi™, and request a one-to-one demo by clicking here. (https://offers.addenergy.no/aimhi)

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