

ON OUR ROAD TO EUROMAINTENANCE

NEWSLETTER MARCH 2023



&



ASSET MANAGEMENT AT ITS BEST



EUROMAINTENANCE AND MAINTENANCE NEXT

INTRODUCTION

EuroMaintenance, the largest European conference on maintenance has existed since 1972 and is an initiative of the EFNMS (European Federation of National Maintenance Societies) and organized by the Dutch Maintenance Society NVDO in 2023. Maintenance NEXT is the most important platform for industrial maintenance in the Benelux.

The largest European maintenance conference will be held in Rotterdam from 17 to 19 April 2023. At the same time, Rotterdam Ahoy will be hosting the largest technology and maintenance exhibition in the Benelux from 18 to 20 April 2023: Maintenance NEXT.

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The Maintenance workforce has grown again this year. However, there are challenges facing the sector. For example, the increasing ageing of the population is causing a high average age (46 years), an increase in the number of vacancies (15 vacancies per maintenance organisation) and an increase in the outflow (8,9%). Of the outflow, a large group (43,5%) leaves the organisation because of retirement.

In the coming years, efforts should be made to increase the inflow of new personnel. One way to achieve this is by attracting more women (current share 8,4%) and more people with a migrant background into Maintenance. Furthermore, efforts should be made to retain these groups within the maintenance organisation. "These and many more questions cry out for an answer", says Ellen den Broeder, General Manager NVDO and leader of the EuroMaintenance projectteam. "A solution that we may be able to find with many hundreds of professionals during EuroMaintenance in Rotterdam, the Netherlands.

But we also like to share the rosy picture: the sector is increasing confidence in recruiting enough staff. 60% of companies say they are confident about attracting enough technical staff and 71% say they are confident about attracting enough technological staff". The outflow due to dissatisfaction has decreased (35,5%), which means that Management and Maintenance is an attractive sector to work in. These and many more figures are the outcome of the yearly Maintenance Benchmark in the Netherlands. The NVDO Maintenance Compass is an annual publication and provides insight in the status of and trend in the Asset Management industry.

Based on key figures, trends and vision documents the NVDO aims to help the Asset Management industry deal with developments, challenges and opportunities in the Asset Management field. Den Broeder; "Our maintenance market amounts to roughly 36 billion Euros, equivalent to roughly 4,5% of the gross domestic product (GDP). The maintenance market as a whole employs roughly 300.000 professionals, this means that 3,0 to 3,5% of the Dutch working population is employed in the maintenance sector".

These and those deserve a high level conferentation! Den Broeder; "Since there are a couple of changes in the total employee base that catch the eye, we decided to give the Huma Factor prominent place at EuroMaintenance. Not just the keynotes will cover the theme, some of the workshops will give an answer to the problems we all deal with". Besides the workshops and the keynotes, there is an Inspiring Table at the end of second conference day to inspire the audience. EuroMaintenance welcomes 36 workshops, 11 keynotes and 3 Inspiring Tables. All of them are of the highest quality and of international stature.

See you in April at EuroMaintenance!

Kind regards,
Ellen den Broeder-Ooijevaar
on behalf of the EuroMaintenance Team



MEET GERED GEREEDSCHAP DURING EUROMAINTENANCE

Together we help the poorest in the world with technical education!

BRING YOUR OLD TOOLS and/or SPONSOR A TOOL BOX (25 euro/p)

Gered Gereedschap is a Dutch NGO which has been making a consistent effort for craftsmen and women in developing countries for the last 40 years. Projects supported by Gered Gereedschap strengthen technical vocational education and entrepreneurship in Africa.

EuroMaintenance supports this fantastic charity to give people in the poorest areas of the world the opportunity to train themselves in Technology and Maintenance. EuroMaintenance will take care of the refurbishment of old tools, the purchase of new tools and technical education. Their support is practical, tangible and comprehensive. From tool sets and machines for schools, fully equipped sewing workshops to the education of technical vocational teachers. All their support is directed towards one purpose: promoting technical craftsmanship as a basis for self-reliance.

BRING YOUR OLD TOOLS and/or SPONSOR A TOOL BOX (25 euro/p)

"The world of maintenance is constantly evolving and everyone is looking for new ways to make their maintenance operations faster, more efficient, cheaper and safer. The right use of information technology is crucial in this. Connecting all links in the maintenance chain is what comes next. By using sensors, artificial intelligence and robots linked to your SAP ERP system, you are able to optimize and professionalize your maintenance processes even further".

"We are participating in EuroMaintenance to show you that all of the above is already possible today. It gives us the opportunity to showcase our ability to help organisations optimise their maintenance processes. We warmly invite you to visit our booth and discuss the possibilities".

Alexander Prior, Managing Director van SOA People Nederland N.V.

SPECIAL OFFER: EUROMAINTENANCE DINNER!

The dinner for participants of EuroMaintenance and Maintenance NEXT will take place on Monday 17 April. You can register for the dinner using [this form](#). You can indicate right away that you wish to purchase several tickets for colleagues and/or business contacts. A ticket for the dinner costs €95 per person excluding VAT.

During this dinner-event we will meet also the Salvetti Foundation who helps to create a network for young maintenance professionals and to assist them in the start and early development of their careers". The foundation aims to award excellence in maintenance management and to contribute to bringing young maintenance professionals together in order to retain this group in the professional field and motivate them in their careers in cooperation with EFNMS and relevant European Union-organisations.

We promise you a special evening. Not only with a fantastic network, you also witness the Award Ceremony of the Salvetti Foundation, which promises to be a spectacle.

JOIN

"Back in business!" Although that slogan has already been used by many in recent months, I cannot resist using it one more time. Because I cannot really imagine any other exclamation that expresses so precisely what we as a team are feeling in the depths of our fibres these days.

Due to the pandemic, it has now been four years since the last edition of EuroMaintenance. I am looking forward to the many inspiring sessions, meetings and networking. Obviously, a lot has happened in the past 4 years and I am sure we will be able to bring the industry up to date with our extensive programme and inspire them to bring the maintenance profession to the next level.

Pieter Bas Dujardin, Manager Exhibitions Rotterdam Ahoy

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"Within a few weeks, EuroMaintenance will take place in the vibrant city of Rotterdam. A city full of activity in the field of manufacturing, transport, logistics, infrastructure as well as culture. A working-class city where a hands-on mentality and the latest technologies come together. A region where so many impressive achievements have been realized and where the people know that together, more can be achieved. I believe that the outcome of visiting EuroMaintenance should be that people have a better understanding of the latest trends and technologies in Asset Management. But above all, I hope that it will inspire to improve collaboration within and between organizations and that new relationships are established. Teamwork is the only way through which we can further improve productivity as well as sustainability".

Ewout Noordermeer, CMO IFS Ultimo

"Europe's charm is also Europe's challenge. We are a very diverse group of people. Many nations, many cultures and many languages. This makes us unique, but also makes cooperation challenging. But from a Maintenance & Asset Management perspective we are all the same. The way we maintain our assets is the same all over Europe. We even have quite a lot of joint standards in maintenance, EN17007 is the leading one in that respect.

Many colleagues in Europe are working in maintenance. Euromaintenance is the place and time every 2 years to get together, connect with each other and compare experiences, knowledge on talk about the new trends we see happening all around us. A place to connect and learn".

Jan Teun Koningen, member of EFNMS EHSEC

MEET THE EUROMAINTENANCE KEYNOTES!

Monday 17 April

Mattias Arstadius, SKF; SKF - Intelligent and Clean
Mark Haarman, Mainnovation; What skills will the maintenance technicians of the future need?
Jeff Versterre, Victrex; The essential role of Asset Management for Operational Excellence
Maria Ryytty, LKAB; Data-driven maintenance in world class

Tuesday 18 April

Jan Schipper, Stork; Challenges instead of Problems
Sudhanshu Kapoor, TeamViewer Germany GmbH; Leap into the Industrial Metaverse
Pierre Dehombreux, Laboratory for Machine Design and Production Design at the University of Mons; How to ensure the quality of an intelligent maintenance deployment from FMEA to prognostics?
Diego Galar, Lulea University of Technology; Social and cognitive digital twins. A metaverse approach

Wednesday 19 April

Ewout Noordermeer, IFS Ultimo and Alex Veersma, Rijnland Water Authority; Trends in Enterprise Asset Management and the power of teamwork
Bob Francis, LNS Research; Bridging the transformation chasm: empower your people
Joerg Unger, BASF; Our Way towards closing the Carbon Cycle

"Our customers tell us we should not wait any longer and take the opportunity to show our new software to the EuroMaintenance public"

Tobias Schlereth, co-founder of osapiens AssetOps GmbH

What skills will the maintenance technicians of the future need?

Maintenance technician of the future | Understanding the 4 D's In his keynote, Mark Haarman author of the books "VDM - New faith in maintenance" and "VDM^{XL} - Competing with aging assets" predicts how the maintenance technician of the future looks like. He will do that by introducing the 4 mega trends in maintenance: De-aging, Decarbonization, Digitilisation and Demographic Change. He explains how the 4 D's impact the work of the maintenance technician, supported by real life cases and recent market research. Mark Haarman is founder and Managing Partner of Mainnovation, a leading consultancy firm specialized in Maintenance & Asset Management. Mainnovation helps capital-intensive companies in industry, fleet and infrastructure to professionalize their Technical Department.

Mark Haarman, Managing Partner Mainnovation and author of the book VDM^{XL}

17 April - 10:00 AM



Challenges instead of Problems

In Asset Management, companies are confronted with essential developments in their external environment leading to risk exposure. Several mitigating actions are developed, like decarbonization master planning, the use of green hydrogen as carbon-free feedstock and various implications of Smart maintenance. This demands adaptation and resilience. In this presentation, Jan will discuss the trends and the alternatives he notices in the market on transformation and on new business models. These new models have enormous implications for Asset Management: make or buy decisions, remote or unmanned maintenance and models to adequately make use of the unpredictable windows of opportunities for adaptive maintenance, driven by, for instance, the volatility of electricity generation. Jan shares his vision of how best to respond to these challenges.

Jan Schipper, Director Asset Management Technology at Stork

18 April - 9:30 AM



Trends in Enterprise Asset Management and the power of teamwork

A presentation of the key findings of the Ultimo EAM Trend Report 2022 and a practical case study of Rijnland Water Authority. The EAM trend report is based on a major international survey and concludes that enabling teamwork is a key driver of improved asset management and a safe place to work. Rijnland Water Authority is on a journey from data to wisdom and moved from an organisation-based way of thinking to an asset-minded approach. With the disruption brought on by the pandemic and the war in Ukraine, economic uncertainty, widespread supply chain challenges and material shortages, the impending skills gap, sustainability issues, and skyrocketing energy costs, asset owners have a lot on their plate.

Ewout Noordermeer, MSc., CMO IFS Ultimo and Alex Veersma, Maintenance Manager Rijnland Water Authority

19 April - 9:30 AM



Our Way towards closing the Carbon Cycle

Today, about 80% of BASF's Greenhouse Gas Emissions stem from combustion-based energy generation. Hence, changes in generation and use of energy are key to reach our ambitious emission reduction targets. The set of measures to be pursued comprises the switch from fossil-based to green energy sources, the decoupling of steam from power generation, the use of new technologies, e.g. driven by electricity instead of combustion-based thermal energy, the use of renewable and recycled feedstock but also continued efforts in productivity enhancement. This requires an orchestrated approach across different business lines and production sites that aims to keep carbon inside the value chains and avoids leakage particularly via CO2 into the atmosphere.

Dr. Joerg Unger, Senior Vice President, Low Carbon Emission Technologies & Projects BASF

19 April - 2:00 PM



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