

# Agenda for **the new** Enersize spring launch

**Moderator:** Anders Lif, DOSM, Enersize

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**16:00**

## **The time is NOW!**

10% of all energy consumed by industry is used for compressed air. 50% of that air is wasted. Many initiatives are now stimulating an increased interest in addressing energy optimization of industrial compressed air. For example, United Nations Agenda 2030 and the Paris Agreement are pushing for energy optimization and the avoidance of waste. ISO 50001 is helping organizations to structure their work by identifying and addressing the potential for energy efficiency gains. The technology evolution, overall digitalization and Industry 4.0 are all making it easier and more cost efficient to gain real time data and take data driven decisions

**There has never been a better time to work with energy optimization of compressed air.**

- Meet Enersize CEO **Anders Sjögren** and hear him talk about the vision that built the new Enersize.
  - Hear from peers in the industry and learn how leaders spot sustainability, energy efficiency and optimization trends.
  - Launch of the Enersize Compressed Air Services – SaaS in the Cloud.
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**16:20**

## **Compressed air experiments. Check out what Bo Kuraa is up to.**

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**16:30**

## **Intelligent pneumatics – robotized leakage survey**

As computers and connectivity become even cheaper, we find computer power being built into almost anywhere now – from shoes and coffee machines to cows and factory robots – creating an “internet of things”, or IoT. It is a slow revolution that has been gathering pace for years as computers have found their way into cars, telephones and televisions. But digitalization is about to go into overdrive. One forecast is that by 2035 the world will have a trillion connected computers built into everything from food packaging to bridges and clothes. The world of compressed air and pneumatics is making it possible to automate and robotize decision making and optimization.

- Meet **Ron Marshall**, international expert on energy metrics and real-time data analysis.
  - Meet **Elvira Rakova** and **Luca Pagni**, and see pneumatics become intelligent as the production line learns to reports on its status.
  - Meet **Stig Nyvold** and see the potential of automated leakage surveys using super hearing.
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**17:00**

## **Closing**

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Engage in our customer community to share experiences and help develop new pilots.

## Our speakers



**Anders Sjögren, CEO Enersize.** Anders has a PhD in Physics and has previously worked as CTO CTO and Head of Research and as interim CFO at Anoto AB. He formerly also held positions at Enersize as Head of Research and CTO. He was instrumental in building Lumito AB, which specialises in up-converting nano-particles for usage in digital pathology, from start-up phase to public offering. Anders runs a modern and inclusive leadership that promotes growth and innovation which fits Enersize in this phase.



**Bo Kuraa, Technical Director and General Manager China at Enersize.**

Bo is a mechanical engineer and one of the world's leading experts in energy saving in industrial compressed air systems with, amongst others, the World Bank and the UN as previous clients. In addition to specialist expertise in compressed air systems, Kuraa also has unique expertise in optimization of boilers.



**Ron Marshall, Founder of Marshall compressed air consulting,** specializing in compressed air system improvement training, assessments and technical writing. Ron is a Certified Engineering Technologist, and has received certification as an Energy Manager, Demand Side Management, and Measurement and Verification Professional through the Association of Energy Engineers. Ron was the first Canadian participant to qualify as a DOE AIRMaster+ specialist and is an active member of Compressed Air Challenge's stable of trainers.



**Luca Pagni, CEO of Cy.Pag.** specializes in the design and production of pneumatic cylinders. Luca began his career as Key Account Manager in SC Johnson Wax, a multinational of Fast-Moving Consumer Goods. In 1999 he moved to Oslo, Norway. After 10 years experience as a Manager in Norwegian and American multinational companies, he decided to join Cy.Pag.



**Elvira Rakova, CEO of Direktin,** which specializes in the implementation of efficient solutions in compressed air systems, software development and educational training. With a strong background in research and development in Germany and France, Elvira holds a Ph.D. in mechanical engineering with a focus on efficiency in pneumatics. She is a leading expert at the ISO committee for pneumatic systems representing France. Elvira's mission is to bring eco-philosophy into the industrial sector via education, connection and accessible engineering tools.



**Stig Nyvold, CEO of Squarehead Technology.** . A passionate and visionary technology leader with broad experience from HW & SW development in civil as well as defence organizations. In his role as CEO & CTO of SquareHead he specializes in building super-hearing and acoustic situational awareness equipment. With expertise in microphone array technology and able to identify and localize acoustical deviation from a normal situation using 'acoustic fingerprints' (in combination with advanced machine learning), the SquareHead Technology team envisions leakage detection to be robotized and carried out in a fully automated way.