

MEDIA RELEASE

ACOEM scales up its air monitoring capabilities with acquisition of DynOptic Systems, a global leader in tunnel sensor technology

Brackley, United Kingdom, 2 Sep 2019

- Acquisition of DynOptic broadens expertise and market presence in air & gas monitoring.
- Fabien Condemine: "A deliberate step towards becoming a single-source provider for smart cities".
- Smart cities and smart industries demand more proactive and integrated environmental solutions.

With the support of [EVOLEM](#), [ACOEM Group](#) has accelerated its international expansion and broadened its technical expertise in air and gas monitoring following the acquisition of [DynOptic Systems Ltd](#), a specialist manufacturing company that designs and produces a range of continuous emissions monitoring sensors and instruments. The acquisition includes DynOptic Systems' subsidiary business, [Tunnel Sensors](#), a world leader in tunnel atmosphere monitoring equipment.

Smart cities are demanding more proactive and integrated environmental solutions. In response, the ACOEM Group has made a string of strategic acquisitions following the purchase of [Air Monitors Ltd](#) in July 2019, bringing together air, noise and vibration monitoring solutions as one complete offering. This expansion of the Group's expertise will continue as technical capabilities in innovation, design and manufacturing evolve and further advances are made in artificial intelligence technology.

The recent business acquisitions have seen the ACOEM Group experience rapid growth, with business turnover exceeding €100 million (double in last 5 years) and 750 employees across nine countries.

Fabien Condemine, ACOEM CEO, commented, "ACOEM has taken a deliberate step towards becoming a single-source provider of integrated environmental monitoring systems and services to address the growing and future demand for these highly specialised instruments."

As the world increasingly turns to underground road tunnel networks to support infrastructure planning, tunnel monitoring is seen as a core capability to support the ACOEM Group's smart cities strategy.

Tunnel Sensors technology by DynOptic is leading the world in the specialist field of tunnel monitoring, with its sensors currently installed in famous road tunnels such as the Mont Blanc Tunnel linking France and Italy, Tunnel du Chat in France, the Dublin Port Tunnel in Ireland, and the newly opened WestConnex motorway in Sydney, Australia. In addition, DynOptic offers an innovative range of opacity, dust, particulate and smoke monitors to suit a variety of continuous gas emission applications such as boilers, filter bag houses, incinerators and other industrial and marine processes.

Paul Jones, DynOptic Systems managing directors, says, "ACOEM has acted quickly in its response to the growing global demand for specialist environmental monitoring technology and instruments. Joining forces with ACOEM Group allows DynOptic Systems to accelerate its research and development, and

deliver new technologies that meet the needs of customers seeking the highly technical solutions required to monitor and control their urban environments.”

DynOptics Systems brings 40 years of experience, offering a depth of knowledge and a strong industrial product focus to the ACOEM Group. The business continues to support companies and public authorities in reducing their environmental impact through innovation and technology using scientifically-based engineering disciplines that provide added value to ACOEM Group’s customers.

Nicholas Dal Sasso, former [ECOTECH](#) managing director and now CEO of ACOEM Environment, highlights the importance for more proactive and integrated environmental solutions; “The combination of new technologies, access to hyperlocal information and higher expectations from citizens will dramatically change the way we measure air quality in the coming years.”

“[Breathe London](#) is a perfect example, showing that smart cities need comparable, stable, and accurate data in order to act. With an alarming new [study](#) demonstrating how breathing in air pollution can be as harmful to your lungs as smoking cigarettes, it’s increasingly important for citizens to understand exactly which locations expose them to the highest levels of risk. Access to such information can only be supported by tools that reliably measure air and gas quality in a range of environments, and provide this data in real time,” added Mr Dal Sasso.

Mr Jones will remain in his role as the managing director of DynOptic Systems, working closely with Mr Condemine and Mr Dal Sasso to help the ACOEM Group develop new growth opportunities, initiate further research and development, and accelerate the group’s smart city and smart industry environmental plans.

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About DynOptic Systems Ltd

Specialists in the design and manufacture of high technology instrumentation for opacity, dust, particulate and smoke monitoring. Founded in 1979 as an independent electronics design house, DynOptic Systems has evolved to become an electronics development company designing circuits and embedded software for leading industry clients. With increasing interest in environmental issues and new international legislation, DynOptic Systems offers cost effective yet reliable continuous emissions monitoring equipment. www.dynoptic.com

About Tunnel Sensors

Formed in 2005 as a subsidiary of DynOptic Systems Ltd, Tunnel Sensors designs and manufactures a range of air pollution monitoring equipment specifically for the tunnel market. The business provides a complete range of tunnel air monitoring sensors for measuring visibility and dust, toxic gas emissions, air speed and direction as well as tunnel luminance and illuminance. www.tunnelsensors.com

About ACOEM Group

Reduce your environmental impact

Founded in 2011 following the sale of Areva’s 01dB-Metravib business, the ACOEM Group specialises in measuring, analysing, and controlling environmental parameters. The ACOEM Group offers products and services that help companies and public authorities reduce their environmental impact by preventing and controlling air, noise and vibration pollution; improving the productivity and reliability of industrial machinery, contributing to the development of effective, robust and noiseless products; and protecting soldiers, sites and vehicles in military theatres of operation. The ACOEM Group is based in Limonest, France and generates an annual turnover over €100 million and currently employs 750 people globally.

www.acoemgroup.com

EVOLEM has been supporting ACOEM since 2011 as part of its incubator platform strategy of medium-sized companies, with an entrepreneurial and responsible approach in a long-term vision of investment. www.evolem.com

[High resolution images available on request]



Caption: Paul Jones, managing director, DynOptic Systems Ltd.



Caption: Tunnel Sensors technology is installed in hundreds of tunnels around the world including the 11 km Tunnel du Mont-Blanc in the European Alps.



Caption: Fabien Condemine, CEO, ACOEM Group.



Caption: Viconox™ is the flagship combined NO₂, NO, CO and visibility monitor for road tunnels across the world by Tunnel Sensors.