

# THE RIGHT TRACK

**PREPARING FOR FUTURE EMISSION STANDARDS** is the way to ensure competitiveness in the original equipment market of non-road mobile machinery. At Proventia, we design and manufacture exhaust aftertreatment systems that deliver the highest levels of reliability and performance in all operating environments – now and in the future.



## VISION: ZERO EMISSION

# FROM FIELDS TO CITIES. FROM MINES TO FORESTS.

***Proventia provides full-scale engineering expertise in the integration of emissions reduction technologies to meet the most demanding regulations, such as EU Stage V. Our proven track record with diesel particulate filter (DPF) and selective catalytic reduction (SCR) technologies has made us an expert in reducing PM and NOx emissions from non-road diesel engines and machines.***

**F**or engine manufacturers, we offer complete exhaust aftertreatment systems, developed to meet any statutory or customer requirement. For non-road machine manufacturers, we integrate the exhaust systems into their machines. Our long experience of integrating EAT systems has given us an understanding of how various agricultural, forestry, material handling, mining and construction machines are used.

### **Our way is agile, innovative and efficient**

We engineer and design optimised solutions for each engine and machine based on validated standard components. Our own technology innovations in urea mixing and thermal management are available to our

customers. We provide the most agile engineering, simulation, testing and prototyping services. The top-performing exhaust aftertreatment systems are designed to fit into the smallest spaces. Our efficient production complies with the highest OEM manufacturing standards.



## ***Our offering for non-road engine and machine manufacturers***

### **ENGINEERING SERVICES**

- R&D
- Design services
- Simulations

### **PROTOTYPE MANUFACTURING**

- In-house prototype manufacturing

### **TESTING & VALIDATION SERVICES**

- Performance & emission testing
- Ageing & durability

### **TAILORED HIGH-QUALITY EATS**

- Own OE standard manufacturing site
- First-rate subcontracting



*The high maturity of our offering and various references in European and US markets make us unique in understanding the optimisation requirements of EAT systems for new geographical areas and application types.*



### ***Unlimited installation possibilities***

*Depending on the available space, all EAT modules can also be designed in one compact package – with unlimited installation possibilities.*

*The cost-effective modular platform approach is suitable also for small-volume requirements.*

# WHY PROVENTIA?

## ***High-tech, innovative exhaust aftertreatment systems for non-road machines***

- Strong R&D and engineering
- Exceptional expertise in SCR and urea mixing
- Innovative, agile and flexible in all operations
- Effective integration with customers' product development processes
- Cost-effective, from engineering to delivery
- Highest OE standard mass production



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