

## FPT INDUSTRIAL, CGM AND BIMOTOR POWER THE CONSTRUCTION OF THE WORLD'S LONGEST IMMersed TUNNEL

Turin, Italy, January 30<sup>th</sup>, 2024

**FPT Industrial** is actively involved in the **construction of the Fehmarnbelt tunnel between Denmark and Germany, the world's longest immersed tunnel with a length of 11 miles, which will be the fastest route between Scandinavia and Central Europe.**

Through its distributor **Bimotor**, FPT Industrial, the Iveco Group brand dedicated to the design, production, and sale of low-environmental impact powertrains, provided its **F36 Stage V engines for power generation to CGM**, a leading producer of gensets. CGM gensets powered by **FPT Industrial engines** are currently operating at the immense worksite that also includes the largest concrete factory in the world.

PRESS RELEASE



Due for completion by 2029 and **co-financed by the European Commission**, the Fehmarnbelt tunnel is composed of 79 standard and 10 special elements. Each standard element is 217 m long, weighs 73,500 tonnes, and contains two tubes for motorway, two for railway, and a service passage. When an element is ready for shipment, it gets waterproof bulkheads fitted at both ends and is towed into place using tugs. The elements are then lowered into the 12 m-deep tunnel trench dredged on the seabed and are carefully coupled together. **This high-precision**

work requires a large amount of always ready, reliable energy, and that's where the CGM gensets powered by FPT Industrial engines come in.



The **F36 engine for CGM's gensets meets Stage V / Tier 4F emissions requirements** and features **high performance** (up to 100 kVA PRP at 50 Hz) and **high efficiency**. The engine comes in an integrated solution, with cooling pack (specifically developed for harsh conditions) and air cleaner pre-installed on the engine, and with a preassembled and pre-validated ATS, offering fast, simple installation. **Best-in-class service interval** (600 h), one-side serviceability, hydraulic tappets, and lifetime ATS allow for minimum maintenance costs and maximum uptime.

*"The Fehmarnbelt tunnel will enable traffic to use the shortest and fastest route, thus reducing CO<sub>2</sub> emissions and freeing up capacity on roads and railways," says **Guglielmo Tummarello**, Head of EMEA dealer sales. "We at FPT Industrial are happy and proud to have been chosen to participate in this huge project that will benefit the whole European transport network, and which is perfectly in keeping with our commitment towards sustainability."*

Founded by Giorgio Chilesè in 1980 and headquartered in Arzignano (Vicenza, Italy), **CGM is renowned for the technology, quality and reliability of its products**. It has produced over 48,000 generators, 15,000 in just the last five years, testament to the continuous growth of its business which exports to 124 countries and has 51 certified distributors.

**Bimotor** is FPT Industrial's authorized distributor for Northern Italy, Spain, Portugal, France, Croatia, and Slovenia. For over 40 years, since its foundation in 1981, the company has been dedicated to the **distribution and customization of diesel engines for industrial and marine applications**. Headquartered in Cirié (Turin, Italy), Bimotor incorporates diesel engines into any

type of application that is not purely vehicular, offering an all-round service that accompanies the customer each step of the way.

*FPT Industrial is a brand of Iveco Group N.V. (EXM: IVG), dedicated to the design, production, and sale of powertrains and solutions for on- and off-road vehicles, as well as marine and power generation applications. Over 8,000 people across ten production sites and eleven R&D centers work for FPT Industrial all around the world. Active in nearly 100 different countries, its global sales and its Customer Service department supports all Brand customers. The extensive product offering includes six engine ranges with power outputs from 42 hp to over 1,000 hp, transmissions with torque up to 500 Nm, and front and rear axles from 2.45 to 32 tonne GAW (Gross Axle Weight). FPT Industrial offers the most complete line-up of natural gas engines for industrial applications on the market, with power outputs ranging from 50 to 520 hp. A dedicated ePowertrain division is accelerating the path towards net zero-emissions mobility, with electric drivelines, battery packs, and battery management systems. This extensive offering, and its strong focus on R&D, makes FPT Industrial a world leader in industrial powertrains and solutions. For more information, visit [www.fptindustrial.com](http://www.fptindustrial.com).*

**Media contacts**

Daniele Pozzo, + 39 3383187516

Emanuela Ciliberti, +39 3666860754

E-mail: [press@fptindustrial.com](mailto:press@fptindustrial.com)