

VITTORIO DORIA

GLOBAL POWERTRAIN EXECUTIVE • ENGINE PRODUCT DEVELOPMENT, INDUSTRIALIZATION & TECHNOLOGY STRATEGY

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Powertrain executive who takes engine technology from advanced research into series production and keeps it there. Currently owns four engine families producing 1.2 million units a year across three plants and four market regions, with full accountability for performance, cost, timing and quality.

1.22M UNITS PER YEAR OWNED	205 DIRECT & INDIRECT REPORTS, PEAK	€15M ANNUAL BUDGET OWNED
5 PLANT PEAK, FIVE COUNTRIES	92% PEAK DEFECT REDUCTION	2 ENGINE OF THE YEAR AWARDS

EXECUTIVE PROFILE

Global powertrain leader with more than 30 years spanning advanced research, chief engineer program leadership and multi-region industrial execution across Europe, South America, North America and Asia. Owns four base engine families end to end, from architecture definition through industrialization and serial life, on a €15M annual engineering budget. Led and reorganized engineering organizations of up to 205 people. Holds programs to European, Brazilian and United States emissions standards simultaneously, spanning Euro 6, Euro 7, PROCONVE and US Bin frameworks. Contributed to the production implementation of MultiAir fully variable valve actuation, the technology behind the award winning FIRE MAIR Turbo. Two granted patents in powertrain technology.

CORE COMPETENCIES

ENTERPRISE & ORGANIZATIONAL LEADERSHIP	PRODUCT & TECHNOLOGY STRATEGY	INDUSTRIAL & QUALITY GOVERNANCE
Global Engineering Organizations	Powertrain Portfolio Strategy	Engine Industrialization
Multi-Region Team Leadership	Technology Roadmap Definition	Serial-Life Management
Organizational Transformation	Hybrid Architecture (HEV, PHEV, REEV)	Regulatory Compliance
Talent Development & Coaching	Product Lifecycle Management	Field Defect Reduction
Cross-Functional & Matrix Leadership	Advanced Research & Innovation	Manufacturing Localization
Multi-Million Euro Budget Ownership	Complexity & Commonality Strategy	Risk & Change Governance

PROFESSIONAL EXPERIENCE

Global Engine Family Manager, Executive Director

Stellantis | Belo Horizonte, Brazil

2024 to Present

SCOPE 4 engine families • 1.22M units annually • 3 plants • 4 market regions • 55 direct and indirect reports • €15M annual budget

- Portfolio ownership:** Direct four base engine families from development through industrialization and serial life, delivering 1.22 million units annually across Enlarged Europe, South America, Middle East Africa and North America.

- **Cost performance:** Delivered €22.49 per vehicle in consolidated savings in 2025, approximately €27M annualized at current family volume, more than doubling the prior year and tracking against a €26 per vehicle target for 2026.
- **Quality governance:** Reduced field defect rates by 69 to 92 percent from launch across three engine families, taking one family from 6 kppm to 0.5, a second from 7 to 1.1, and a third from 10 to 3.1, with two families now running below their 2026 targets.
- **Regulatory strategy:** Own the engine family technical efficiency roadmap against Euro 6, Euro 7, PROCONVE PL7 and PL8, and US Bin 50, 40 and 30 standards, balancing compliance obligations against economic performance across three regulatory jurisdictions.
- **Technology direction:** Define optimal engine architectures for next generation hybrid powertrains across HEV, PHEV and REEV applications, shaping long term portfolio strategy against South American market requirements and electrification timelines.
- **Program governance:** Drive the Change Management Board and report program status, risk management and issue resolution through the Global Harmonized Process, driving portfolio decisions on diversity, commonality and interchangeability.
- **Budget growth:** Grew annual engineering budget ownership from €10M to €15M across three consecutive planning cycles.

Global Engine Family Manager, Executive Director

Stellantis | Torino, Italy

2021 to 2023

SCOPE Small Gasoline Engine portfolio · 3 market regions · base engine development, industrialization and serial life

- **Cross-regional execution:** Led Small Gasoline Engine family program execution across Enlarged Europe, North America and South America, targeting engine complexity reduction and alignment of program delivery between regions.
- **Capital efficiency:** Supported the relocation of an engine production line from Europe to South America, expanding capacity against rising market demand while minimizing capital investment through reutilization of existing manufacturing assets.
- **Lifecycle accountability:** Held full accountability for base engine development, industrialization and serial life management across the small gasoline portfolio.

Senior Technical Director

FCA | Belo Horizonte, Brazil

2017 to 2021

SCOPE 205 direct and indirect reports (155 engine, 50 transmission) · 900K units annually · 2 plants · 3 market regions · €25M peak annual budget

- **Organizational build:** Reorganized and led a 205 person multidisciplinary engineering organization spanning engine and transmission development, restructuring the team that carried regional powertrain delivery.
- **Flagship program delivery:** Directed the GSE Turbo FLEX engine family from concept definition through validation, industrialization and market launch, enabling a new generation of powertrain applications across Fiat, Jeep and Abarth platforms.
- **Transmission launch:** Delivered the CVT transmission introduction on Fiat Pulse, contributing to one of the strongest performing vehicles in its Latin American segment.
- **Budget stewardship:** Managed annual engineering budgets peaking at €25M across a two plant footprint spanning Brazil and Italy.

Advanced Gasoline Technology Manager

FCA | Torino, Italy

2015 to 2016

SCOPE 35 direct and indirect reports · €6.5M annual budget · 3 market regions

- **Innovation leadership:** Led a 35 person multidisciplinary engineering team developing next generation gasoline engine technologies on a €6.5M annual budget.
- **Roadmap definition:** Drove innovation strategy and technology roadmap definition, delivering technical outcomes across four strategic innovation programs.

Engine Global Platform Manager

FPT (Fiat Powertrain Technologies) | Torino, Italy

2013 to 2014

SCOPE 5 global platform teams · 1.5M units annually · 5 plants across 5 countries · €27M annual budget

- **Global platform ownership:** Led five global platform teams across EMEA, NAFTA, LATAM and APAC on a €27M budget, aligning product strategy, quality, cost, timing and performance targets across every region.
- **Multi-site standardization:** Directed worldwide platform management for the FIRE engine family across five manufacturing plants in Italy, Brazil, the United States, China and India, producing 1.5 million units in 2014.
- **Launch execution:** Enabled the successful launch of more than 10 vehicle applications.
- **Manufacturing localization:** Supported localization of FIRE MAIR Turbo production in China, improving industrial competitiveness and reducing manufacturing cost.

Chief Engineer Coordinator Manager

FPT (Fiat Powertrain Technologies) | Torino, Italy

2010 to 2013

- **Technical governance:** Led technical governance of global base engine programs, ensuring execution from product definition through validation and launch.
- **Portfolio accountability:** Held end to end technical responsibility for four major gasoline engine families: TwinAir, FIRE, FIRE MAIR and 1.8 GDI.
- **Strategy ownership:** Accountable for product strategy, competitiveness and technology roadmap definition across the base engine portfolio.

Chief Engineer

FPT (Fiat Powertrain Technologies) | Torino and Napoli, Italy

2008 to 2010

- **Award winning launch:** Directed development and industrialization of the FIRE MAIR Turbo engine featuring MultiAir variable valve actuation technology, recognized as Best New Engine of the Year in 2009.
- **Second breakthrough program:** Subsequently led the TwinAir engine family from development through market launch, recognized as International Engine of the Year in 2011.

Advanced Gasoline Technology Engineer

Centro Ricerche Fiat | Orbassano, Italy

1993 to 2008

- **Research to production:** Contributed to the development and industrialization of advanced gasoline engine technologies, including the production implementation of MultiAir fully variable valve actuation, the technology that later featured in the award winning FIRE MAIR Turbo.
- **Technical breadth:** Led engineering activity across combustion development, fluid dynamics, valvetrain systems, fuel injection technologies, engine calibration, testing and demonstrator vehicle development.

EDUCATION, PATENTS & RECOGNITION

Mechanical Engineering Degree | Politecnico di Torino, Italy

Patents | Two granted patents in powertrain technology, one further application under review (*titles and numbers to be added*)

Industry Recognition | FIRE MAIR TC, Best New Engine of the Year (2009) · TwinAir, International Engine of the Year (2011)

Languages | Italian (Native) · Portuguese (Fluent) · English