



Fran Domínguez Aparicio

Program Manager in regulated industrial environments |

From RFQ to SOP across product development, quality and industrialization

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SUMMARY

Program Manager with 20+ years of experience leading complex product development programs in regulated industrial environments, driving cross-functional execution from RFQ to SOP with strong control of risk, compliance, timing and cost.

My background is in passive safety systems, but my core value is transferable to any high-compliance industry where quality, validation and execution discipline are critical.

KEY ACHIEVEMENTS

7 launches on time in 7 years

Delivered agreed milestones consistently without timing deviations.

Up to 6 parallel programs

Structured control of scope, schedule and risk across all.

5 countries · 6 functions

International cross-functional coordination without formal authority.

PROGRAM & DELIVERY

Program Leadership

Cross-Functional Coordination

Stakeholder Management

Risk & Change Control

Requirements Management

SOP Launch & Ramp-up

QUALITY & COMPLIANCE

APQP / PPAP

IATF 16949 / ISO 9001

Validation & Verification

Gate & Design Reviews

Engineering Change Management

PROBLEM SOLVING & INDUSTRIALIZATION

DFMEA / PFMEA

Root Cause Analysis

8D / 5Why / Ishikawa

Lean / KANBAN

CAD / CAE

EXPERIENCE

ZF Lifetec

Program Manager

Vigo, Spain

11/2018 – Present

- Led end-to-end development and industrialization of airbag system programs for 4 OEM clients (JLR, Ford, Renault, Polestar), from RFQ through SOP and series production across 4 manufacturing plants (Portugal, Poland, China, Romania).
- Coordinated core cross-functional teams of ~10 across engineering, quality, industrialization, purchasing, logistics, finance and sales in 5 countries (ESP, POR, RO, PL, UK), without formal authority.
- Managed program budgets averaging €0.4M+, controlling scope, timing, cost and change across up to 6 parallel programs under IATF 16949 and APQP/PPAP requirements.
- Delivered 7 product launches on time in 7 years, maintaining agreed customer milestones and validation targets.

TRW Automotive

Application Engineer

Vigo, Spain

09/2004 – 11/2018

- Led development of driver airbag modules and steering wheels for 5 OEM clients (Citroën, Renault, Dacia, Hyundai, Opel) across European and international platforms.
- Managed full product lifecycle from systems definition and packaging through DFMEA, validation and manufacturability optimisation, using CAD/CAE and APQP.
- Delivered 6 series production launches across successive platform generations, building end-to-end cross-functional execution discipline across engineering, quality and supply chain.
- Drove cost and cycle time reduction by systematically optimising designs and validation strategies, enabling platform re-use across generations.

ThyssenKrupp Drauz

Automotive Design Engineer

Barcelona, Spain

08/2003 – 07/2004

- CAD engineering on SEAT vehicle programs: component development and improvement within a Tier 1 supply chain environment under OEM quality standards.

Edag

Automotive Design Engineer

Martorell, Spain

06/1999 – 08/2003

- CAD design and component adaptation for global OEMs including Volkswagen and Dalphi-Metal/ZF TRW.
- Coordinated multidisciplinary technical teams across Spain and China for European and Asian vehicle programs.

Fico Mirrors

Operations Engineer

Barcelona, Spain

05/2004 – 08/2004

- Implemented PULLSYSTEM (KANBAN) methodology in injection moulding plant: +20% production efficiency with measurable reduction in lead times and inventory levels.

EDUCATION

Universidade de Vigo

MSc Mechatronics, Electronic Engineering, Robotics and Mechatronics

2017 – 2018 · Vigo

Universitat Politècnica de Catalunya (UPC)

MSc Production Organisation and Industrial Plant Management

09/2003 – 06/2004 · Barcelona

Universitat Politècnica de Catalunya (UPC)

BEng Industrial Engineering, Mechanical Specialty

1991 – 1999 · Barcelona