

Scientific Consulting – Terms & Scope

Prof. Mario J. Pinheiro, PhD, Habilitation – Independent Scientific Consultant |
Technological Physics & Econophysics
Full Member of Sigma Xi | Former Professor, Instituto Superior Técnico (IST), Lisbon

Areas of Expertise

- 1 Technological Physics and Electromagnetic Systems
- 2 Plasma Physics and Field Propulsion
- 3 Econophysics and Quantitative Modeling
- 4 Fractional Calculus and Complex Systems
- 5 Scientific Innovation and IP Strategy

Types of Services Offered

- 1 Scientific evaluation of innovative concepts
- 2 Patent drafting and validation (US/EU focus)
- 3 Modeling and simulation (physical, economic, or hybrid)
- 4 Research mentoring and scientific coaching
- 5 Scientific writing and co-authoring of technical documents
- 6 Strategic consulting for R&D; and innovation projects

Working Conditions and Process

- 1 Initial contact is accepted exclusively by email.
- 2 Phone calls or meetings are only scheduled after an initial evaluation.
- 3 Each inquiry should include: project summary, objectives, and expected scope.
- 4 A formal proposal (optional) will be provided for accepted requests, outlining deadlines, tasks, and compensation.
- 5 All work is confidential by default, unless otherwise agreed.

Compensation

Consulting services are provided on an hourly or project basis. Compensation is defined upon mutual agreement, based on the complexity, urgency, and duration of the task.

March 2026 – Prof. Mario J. Pinheiro