

## **AdvEnSys (Advanced Engineering Systems)**

### **Introduction**

AdvEnSys was created with the target of offering to the technical community the extensive experience in Environmental testing and training of its management, by means of dedicated consultancy services in this area.

AdvEnSys wants to fill the space that, in a defined period of a company business development process, may come up. AdvEnSys allows a company to fix a service or to solve a need that appears suddenly, in a quick and professional way by outsourcing it and, therefore, without investing in resources that later won't be required.

### **Jose Luis Lopez - Founder short profile**



Aeronautical engineering background with 30+ year experience in high added value products and solutions, into Iberian and International Markets. Main markets covered during his professional career are Industrial, Academic and Research Centres, Test Houses, Military, Aeronautic/aerospace and Automotive.

Since 1994, direct training activities to companies or in collaboration with public and private organizations, to provide Environmental Testing (vibration, shock, climate, packaging...) training courses to multiple entities in Spain, Europe, and Middle East.

Experience in Project Management and Technical Consultancy comprising all related aspects as required standards deep analysis, laboratory design, equipment market survey and technical-economical proposal evaluation, RFQ generation, project execution or Acceptance Testing Protocol (ATP's) writing and order fulfilment management.

In these years I have got the opportunity to closely have dealings with most of the recognized manufacturers in the marketplace and learning from each of them. Some of them in vibration testing are B&K (formerly LDS), IMV, DP, Team Corporation, Sentek Dynamics..., and in climatic testing, ACS, Aralab, CTS, CSZ, Thermotron, ...

AdvEnSys can provide the following training courses:

- Vibration. Basic concepts; vibration technologies; single axis or multi axis testing; shock, SRS, pyrotechnic, TWR, SoR, RoR, sine burst...
- Climate. Temperature, humidity, corrosion, altitude, vacuum, solar radiation, HALT / HAST, combination with vibration...
- Transport simulation Packaging testing, drop, compression, dangerous good, environment data gathering...
- Specific standards MIL-STD 810; DEF-STAN 0035 Part 3; ECSS-E-10-03; IEC 60068; NASA-STD-7003A, RTCA-DO-160...

Additionally, I participate as Member in the Spanish Committee of the following International Technical Committees:

- IEC/TC 104.- Environmental Conditions classification and Methods of Test.
- ISO/TC 51.- Pallets for unit load method of material handling.
- ISO/TC 122.- Packaging.



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## DETAILED CV

### **AdvEnSys**

Nov. 2015 – nowadays: Founder and Managing Director

AdvEnSys – Environmental testing Engineering company

AdvEnSys offers to the Marketplace CONSULTANCY and TRAINING services in Environmental Testing, based on the experience treasured after 30 years of professional activity. AdvEnSys helps companies in their needs to acquire knowledge in environmental testing, planning of testing laboratories, comparison of technical solutions, interpretation of standards, etc., and all this from an outsourcing independent perspective.

AdvEnSys is developed around three fields of expertise:

- Environmental Testing training courses as vibration, climate, packaging testing and specific standards.
- Technical Advisory Service for testing equipment purchase or standards analysis and interpretation.
- Project Management to set up complex Testing Facilities or as an R+D+i project coordinator in an R+D+i consortium.

### **Alava Ingenieros, S.A. 25 years and 4 months**

Jul. 2014 - Jun. 2015 Projects & Innovation Director

ALAVA INGENIEROS, S.A. is an engineering company specialized in distribution and integration of high technology solutions for the Industrial, Academic and Surveillance Sectors, with an annual turnover close to 40 million euros.

Direct responsibilities involved North of Africa Internationalization Program, Head of Research, development and Innovation, and Head of Turnkey and Solutions provider's Project Management group.

Jul. 2005 - Jun. 2014 Test and System Integration Business Unit Manager

My responsibilities covered defining the Business Unit strategy according to the CEO and Board of Directors guidelines, establishing and controlling the business evolution through Engineering Solutions, and leading an experienced and dynamic team of engineers fully motivated to meet demanding goals.

Main sectors to address the Business Unit activity were Aerospace, Automotive, Defence, Universities, Energy Industry, Processing Industry, Administration, Telecommunications or Electronics. I personally worked as Project Manager in several Turnkey solutions and System Integration Projects ranging from 300.000€ of a complex system up to 4.000.000€ of Turnkey Supplies including civil works, building supplies, testing systems, DUT logistics and control systems. Most of these turnkey projects were built up around an Environmental testing main facility.

Within my professional career, additionally to Environmental testing (vibration, climate, transportation testing...), I have been involved in other technological product lines as EMC, acoustics, material testing, thermography, high speed imaging or nanotechnology.

Sept. 1997 - Jun. 2005 Environmental and Electromagnetic Fields Division Manager

During that period, I led a team of 19 people including both sales and service engineers working in Spanish and Portuguese offices.

Apr. 1993 - Aug. 1997 Product Line Manager

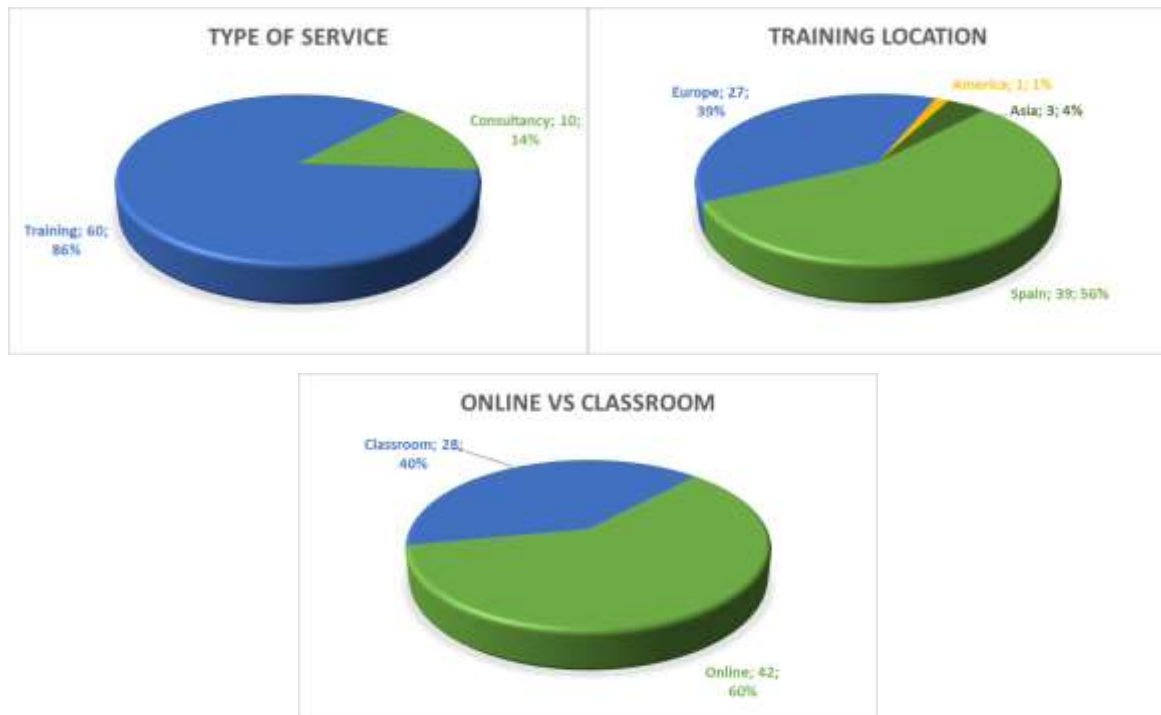
Responsibility in climatic chambers, vibration, and transport simulation product lines.

Mar. 1990 - mar. 1993 Pre-sales and support Engineer in Environmental testing BU.

I started my professional career with a scholarship for 6 months and stayed in the company as Support Engineer specialized in Environmental Testing and Vibrations.

## LIST OF GIVEN TRAININGS

Since November 2015 that AdvEnSys started, José Luis López has performed 70+ services distributed as follows:



In these last two years I have been offering Open training courses twice per year with a very positive response. In fact, several of those companies have repeated the training registering new engineers in successive editions.