



## CANDIDATURE FOR ETPIS MANAGEMENT BOARD EXECUTIVE ELECTION

|                                 |  |              |         |
|---------------------------------|--|--------------|---------|
| Family Name:                    | GAINZA LAFUENTE  | First Name:  | Eusebio |
| Date of birth:                  | 20/01/1958   | Nationality: | Spanish |
| Profession:                     | Dr. Engineer, PhD                                      |              |         |
| Company/Institute and position: | LEIA, Technology Development Centre, Managing Director |              |         |

### Scientific backgrounds & Research Interests

*Academic degree, positions in the industry...*

**- Ph.D. Engineer** (1980), **Doctor** (1985, Thesis: "Study of superficial waters contamination due to agricultural and industrial activities and to the existence of population up to 50.000 inhabitants")

**- Conferences, Training and Master Courses:** during the last 20 years has followed a great amount of technical Conferences and courses related not only to industrial matters but also Management, Quality, Environment, Safety and Legal issues.

### Professional activity

Civil servant as Industrial Engineer in the Industry Department of Alava Province (1982-1990)

Water Planning Manager in the Environmental Dpt., Basque Government (1991).

Deputy Manager in the Industry Department of Alava Province (1987-1994).

Industrial Safety Manager in the Industry Department of Basque Government and Regional representative in the Ministerial Industry Commissions (Spain and Regional Governments) coordinating the following issues: (1.987-1.994): Vehicles Inspection, Industrial equipment and machinery Safety, Gas Installations y liquid fuel Storage and Industrial Environment

Secretary of the Total Quality Management Committee in the Industry Dpt. Basque Government (1991-1993).

Vicepresident of the Municipality of Montejurra (Navarra, Spain), 1987-1994.

Main promoter of the company: "Productos Reciclados y Abonos Orgánicos de Montejurra, S.A. (PRAOMSA), devoted to selective collection and recycling of RSU; Member of the Management Board (1990-1994)

**FUNDACION LEIA: Managing Director (from 1994).**

**- Keynote Speaker and Reading Papers in many Courses and Conferences:**

- Speaker in I Trade of knowledge technologies management in Cuba (2004)
- Speaker in II International meeting of research and development (AVEGID) (2004) in Cuba.
- Congress on Environmental and Total Quality Audits. Chamber of Commerce of Alava. Paper : “Environmental Management and Competitiveness” (1992).
- Congress on solid residues. Organised by Municipal Bodies (Town Halls of: Madrid, Guernica, Basauri, Durango, etc.) (1990, 1991, 1992 and 1993).
- VII, VIII, IX & X Spanish Conferences on Urban Waste Materials
- Gas Workshop. BUTANO, S.A. (1985).
- National Congress on Elevators FEDDA: “Development of competencies assumed in the Basque Country” (1989).
- International Engineering and Environmental Congress, Reus Fair: “A quality model to manage fluvial waters” and “Experience recycling R.S.U. in Merindad de Estella (Navarra)”.
- Environmental French-Iberian Conference in the Basque-Aquitaine Agreement Conference. “Contaminant emissions to the atmosphere and eco-management” and “Selective collection to maximise R.S.U. recycling”.
- Teacher in many technical courses (environment, industrial safety, etc)

**Management of R&D projects for the local industry and public bodies:**

- Analysis of Life Cycle and Development of improvements and recycling of Capsules for caps. Project carried out in Rivercap. 1.996-97-98.
- Creation of the Pharmaceutical Technologies Development Unit financed by Diputación Foral de Alava (1997)
- Development of medium power Aerogenerators. Project developed in Electricidad del Valle Aguayo 1.997
- Development of Redox technology applications to enlarge cutting fluxes. Project performed for TEMA S,A. 1.996-1.997
- Development of Safety and Environmental Management Implementation Tools in industrial and service sectors for TUBACEX, CAF.S.A., CEGASA, EPSA, SILQUIMICA.S.A., PAOMSA, AMVISA, Hacienda Foral, ATUSA, OFITA (1.995- 1.996-1.997)
- Development of cogeneration motors to use biogas combustible in GUASCOR (1996-1997)
- Development of cereals waste collection machinery for Herdit S.A. 1.997
- Development of Waste Management Integral Systems (GESRES) (1997-99)
- Development of low cost water purification techniques: “Project of waste waters purification in Etxabarri-Ibiña”. Diputación Foral de Alava (1991 and 1992).
- Development of captivation and recycling of V.O.C. for Sagola, S.A. 1.996-97-98

- Development of Green Chrome Oxides Manufacturing Technology for Nubiola, .S.A. 1.997
- Development of Technologies to Manufacture Organic Fertiliser from wastes in the Agro food sector with LENKA, S.A. (1.995)
- Development of recycling technologies in Urban solid wastes (RSU). Financed by AECI (IBERCUE) (1997)
- Development of Thermolitic Technologies to value Difficult recycling wastes. Project developed together with SODEMA Pitma (1.995-1.996)
- Development of an advanced Model to Manage Innovation in SMEs Zubizarreta Auditores 1.997-98
- Development of a computer appliance to design and optimise pre-collection and selective collection of Urban Solid Wastes (RSU) (1997-99)
- Technical development and computer appliance of a simulation model of hydride contamination evolution in continental waters. (1983 and 1984).
- Technological development of decontaminant systems and vehicles recycling applied in Alava (1995-97)
- Technological development of decontaminant systems and vehicles recycling developed together with REFESA and financed by PITMA (95-96-97)
- Dissemination of REDOX technology in the mechanisation sector. Financed by the Basque Government. (1997/98)
- Direction of “Solid wastes recycling project in Mancomunidad de Montejurra and its influence area”, which consisted on: Selective collection, transference and transport. R&D study to diminish its rejection. 1989-19990
- Direction of a a previous study concerning Collection and Elimination of RSU in Mancomunidad de Montejurra and its influence area 1987.
- Design of a management tool for labour risks prevention in electric installations. Financed by OSALAN (1999)
- Design of a Collection and Recycling System of RSU in Mancomunidad de Montejurra, PRAOMSA, CONTEC Y GIROAZ. 1989 and 1990.
- Plastics separation equipment (Film) in RSU collection for its recycling (1995)
- Analitical study of Contamination in Ega River. Diputación Foral de Navarra (1993).
- Viability study of Low and medium power aerogenerators development for Latin American market. Financed by Diputación Foral de Alava (1999)
- Technical and economical viability study of economic activities in: Products of Ecological Agriculture. Financed by Diputación Foral de Alava (1999)
- Technical and economical viability study of a commercial company of urban solid residues recycling technologies. Financed by Diputación Foral de Alava (1998)
- Technical and economical viability study of a company of Film’s recycling. Financed by Diputación Foral de Alava (1999)

- Technical and economical viability study of a company from Innovation Management Area. Financed by Diputación Foral de Alava (1999)
- Technical and economical viability study of a producer and commercial company of clean technologies. Financed by Diputación Foral de Alava (1998)
- Technical and economical viability study of a new entrepreneurial Unit to recover wastes from glass recycling. Financed by Diputación Foral de Alava (1998)
- Pilot experience implementing Integrated Management Systems in chemical, metal and services sector. Financed by the Basque Government. (1997)
- R&D of Thermal Technologies under controlled atmosphere to recycle and value different residues. Financed by the Basque Government (1997)
- R&D of a melting eco process. Financed by the Basque Government (1997/98)
- R&D of a wine eco process. Financed by the Basque Government. (1998/99)
- Implementation of an Environmental Management System in LEIA C.D.T. Financed by MINER (Ministry of Industry and Energy, 1998)
- Implementation of Labour Risks Management System in Fundación LEIA C.D.T. based on Directives 81900 EX and 81905 EX. Financed by OSALAN (1999)
- Integration of computer tools SIGAME and INSIGE. Validation in 25 industrial companies located in Objective 1. Financed by the Basque Government (1998)
- Integration of Management Systems to assure Quality, Environmental management and Safety. Financed by OSALAN (1998)
- Research of Re-engineering methodologies for its environmental development. Financed by the Basque Government (1998/99)
- Research on Integrated Production management methodologies - ARCPC to be implemented electronically. Financed by the Basque Government (1997/98)
- Research of methodologies to perform audits and emergency plans of the integrated labour risks prevention systems. Financed by the Basque Government (1999)
- Research on the steel fusion in electric arc smelting surface to reduce contaminants and for energetic purification. Co-operation project carried out together with CAF, Fundiciones Gamarra, S.A., Herdit, Cadem and U.P.V. (1.996-1.997)
- Research on compost and slaughterhouse waste thermal supply (October-December 1996)
- Research and development of new appliances of Redox technology. Financed by the Basque Government. (1995 -1.996).
- Research and development of a system of data acquisition, communication and processing to control and continuous improve of logistic collection of RSU (1997-99)
- Launch of Health Technologies Development Unit financed by the Basque Government (1997/99)
- Optimisation of selective collection of coffee sediment for its ulterior compost (1996)

- Optimisation of light metals separation and recycling to maintain the physical-chemical characteristics of their alloys. Financed by the Basque Government (1.995 and 1.996)
- Optimisation of RSU collection and recycling system (1996)
- Director plan of solid wastes for the Historical Territory of Gipuzkoa (Compost Area) (1995)
- Integral management plan of RSU in Mancomunidad de Uribe-Kosta (96-97)
- Start of the analytical technique to determinate hydro carbide in waters. Basque Country University (1983).
- Anaerobic reactor to obtain biogas (1997-98)
- Re-utilisation of Industrial Organic such as compost for agricultural use, together with AGRA, S.A. (1.995-96)
- Plastic (Film) separation of RSU for its recycle. Together with PRAOMSA, HERDIT and financed by PITMA (1.995)
- Separation and recycling of light alloys from the packages found in RSU (1995-96)
- The Innovative Region: Innovation Management Techniques Development, Diffusion and Evaluation. Financed by the European Commission (1998/2000)
- Valorisation of packages contained in RSU by a thermal process under controlled atmosphere and posterior, basic research of the products obtained to reach the maximum energetic use. (VALENVA) (1997-98)

*Main publications and communication*

- “Study of superficial waters contamination due to agriculture and industrial activities and to the existence of population higher than 50.000 inhabitants”. Magazine: Tecnología del Agua 1986.
- “Selective collection of R.S.U., an optimum way for recuperation in Estella - Navarra. Publicación II Congreso de Ingeniería Ambiental PROMA-91.
- “A quality model to manage fluvial waters” Publication AMBIENTALIA. Reus Marzo 91
- “Separation as origin of RSU”. In the book published by Area del Medioambiente del Ayuntamiento de Madrid. 1991.
- “R.S.U. recycling.”. Publication de la Asociación de Amantes de la Basura. 1991.
- “Alternative to R.S.U. management.”. Publication de la Asociación de Amantes de la Basura. 1992.
- “Strategic regional plans for R.S.U. management” Publication de la Asociación de Amantes de la Basura. 1993”
- “Environmental management systems in a R.S.U. collection and treatment company”. Publication de la Asociación de Amantes de la Basura”. 1994.
- “Control of Radioactive environmental fund in the Basque Country.”. Magazine Sociedad Nuclear Española. January 1993.





- “Important performs of vehicles, appliance and future”. Publication de la Xunta de Galicia. 1993.
- “Important performs of vehicles”. Publication of Generalitat Valenciana. 1991.
- “Inspection proceedings manual in ITV stations.”. Publication of Junta de Andalucía. 1990.
- “Emultec: New continuous treatment system of taladrines”. Metalurgia y Electricidad, Nº 697, julio/agosto 1997. Vol. LXI. Pag 62-64.
- “Optimisation of wine process” Magazine ACTAE, (Asociación de Ciencia y Tecnología de los Alimentos de Euskadi )- 1.997-
- “SMEs and microSMEs innovation management” Tendencia de Gestión en el Milenio II. Hacia la empresa del Conocimiento. Agrupación del Conocimiento en Gestión Empresarial – Cluster Conocimiento.- 1.998
- “Measure of client satisfaction” Cluster del Conocimiento, November 1998
- “I International Seminar about Gestão da Inovação Tecnológica no Nordeste – Inova’99” 9 to 11 de June 1.999 Fortaleza – Ceará , Brasil
- “VIII Seminar Latin-Iberoamerican of Technological management – ALTEC 99”, Revista Valenciana D’Estudis Autònoms, october 1999. Pág. 388
- “Management tendencies in the New Millennium II” Nuevos Paradigmas de la Gestión Empresarial. Prospectiva y Gobierno de la Empresa. Hacia la empresa del Conocimiento. Agrupación del Conocimiento en Gestión Empresarial – Cluster Conocimiento.
- “GESTINNO: A needed complement for SMEs” – November 2000, Pág. 59 to 64

*Affiliation to scholarship society or associations*

- Professional Association of Industry Engineers in Basque Country (Colegio Oficial de Ingenieros Industriales de Alava, Guipúzcoa y Navarra): Member of the Rector Assembly. 1991-1997.
- Member of the Consultancy Committee for Vehicle Inspection; Ministry of Industry and Energy, Spanish Government MINER (1986-1994).
- Expert vocal in Consultancy Committee for Environmental Matters Regional Government of Navarre, Spain (1990-1992).
- Vocal in the Basque Council for European Movement (1997-98)
- President of the Professional Association of Industry Engineers in Alava, Spain (1998-currently)

## Manifesto to serve ETPIS

*Previous experiences with ETPIS*

Mr. Gainza has played a very relevant role in **ETPIS** since the creation of the National Platform and its integration in ETPIS:

**PESI** (Spanish Technology Platform on Industrial Safety) - main achievements:

- Main promoter in the creation of the Spanish Technology Platform PESI (October, 2005), mirroring the ETPIS organization, with similar working schemes, deployment and technical directions.
- Member of PESI Executive Board.
- LEIA holds the Technical Secretary of PESI since the beginning
- Configuration of the Focus Groups & leadership, definition of the national vision and SRA deployment
- LEIA is involved in FG2 (Advanced risk prevention & control technologies) and leads the composed FG5 (Nanosafety and new & emerging risks)
- Creation of an International Innovation Unit inside PESI to reinforce the SME participation in FP7 projects (granted by CDTI, the FP7 National Contact Point in Spain)

Other **National Platforms**: assistance and collaboration in the creation of NTPIS. Currently the NTPIS situation can be summarised as follows:

- A group of leading countries, composed by Czech Republic, France, Finland, Germany, Greece, Italy, Poland, Romania and Spain, which their respective NTPIS have been presented and/or launched and are already operating.
- A second group of countries constituted by Portugal, Slovenia and UK, where NTPIS are under construction; they are developing the first contacts with companies, competent Authorities and other interested parties in order to develop a base for launching the platform.
- A third group composed by the rest of the EU Members States that have not carried out any initiative either at European or National level. ETPIS will have to promote the creation of these structures.

Active Member in **ETPIS** since 2006; actually is responsible of the Links with the National Platforms for coordination purposes.

Organization of **ETPIS Workshop** (Madrid, June 27, 2007): "National Technology Platforms on Industrial Safety (NTPIS): looking into the future"

Participation in several **meetings with the Scientific Officers** in the Commission (DG Research: safety and industrial technologies)

Promotion of joint research projects related to **FP7** calls

Member of the **Mirror Group**



To drive the creation of the **Transport Safety Hub** inside ETPIS; promote the collaboration with Transport related Platforms.

First steps in the launch of an **ERAnet+** initiative for Industrial Safety.

*Reasons for wishing to be elected to the ETPIS Executive Board*

Mr. Gainza has been deeply involved in ETPIS strategy and development during the last two years and pretends to continue in such this way.

Mr Gainza represents not only his own knowledge and experience but the one of the specific unit inside LEIA, fully concern with the Industrial Safety and ETPIS activities; relevant professionals in this group include Jesús López-Ipiña, Jokin Rubio, Mrs. Celina Vaquero and recently Javier Larrañeta.

He will continue this effort to reinforce the role of ETPIS by increasing the presence in relevant forums, the collaboration with other TP (SRA improvements and relevant new members from other sectors in focussed groups, joint research promotion, etc).

*Main interests to contribute to ETPIS for the next 3 years*

To get a more powerful **ETPIS** based on fully involved and strong National Platforms.

A wider European representation of ETPIS:

- to promote and encourage the implementation of the NTPIS in all the EU Member States
- more relevant Members from Industry, Academia and Public Bodies

More interaction with the Mirror Group

To increase the collaboration between the NTPIS in common R&D projects.

To reinforce the participation of relevant countries in the OSH ERAnet

To create an Industrial Safety ERAnet Plus initiative:

- Activities: based on areas not covered by NEW OSH ERA network
- In the future: merging both ERA networks

To increase more close relationships, established at national level, between NTPIS already operating and other NTP also related with safety issues, such as Construction, Sustainable Chemistry and Manufacture, but at European level.