

TEIRLOG INGENIERIA©

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TEIRLOG INGENIERIA

# REFERENCES BOOKLET

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TEIRLOG INGENIERIA

# PRESENTATION



## ABOUT US

TEIRLOG INGENIERIA SL is a company highly specialized in transportation and logistics consulting and engineering. The company is composed of specialists with decades of experience in the sector, who contribute the best knowledge, experience and technologies in the field to decision-makers and managers in the world of transport and logistics.

TEIRLOG INGENIERIA does this by providing the tools for decision making and by accompanying clients in the practical development of planned initiatives.

The activity of TEIRLOG INGENIERIA covers strategic consultancy, engineering and planning, Business Plans to develop the above, and advice and participation in the management and Implementation of initiatives in which the previous phases have already been completed.

TEIRLOG INGENIERIA strategy is the direct involvement of its senior managers in the development of projects. The proximity of higher-level staff to clients, not only as a marketing image and for pre-marketing processes, is our real customer focus.

Through their team offers extensive experience in the conception, planning, development, marketing and operation in different fields of transport and logistics, which are developed in subsequent pages.





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## OUR TEAM



Alfredo Irisarri Castro



Pilar Tejo Mora-Granados

The attached TEIRLOG INGENIERIA SL references include both personnel ones of **Alfredo Irisarri Castro**, civil engineer, and **Pilar Tejo Mora-Granados**, Naval Architect, Director-Partners of the company, developed over more than 30 years in the profession, and such as projects performed by TEIRLOG INGENIERIA SL

The attached references are focused on jobs that they have directed or co-directed in other companies in the sector, as Director-Partners and significant stakeholders for more than 10 years, together or individually.

The extensive experience both have in other environments must be highlighted, such as Alfredo Irisarri's role in Executive Management for more than 20 years, for one of the largest groups of transport and logistics companies in Spain (Corporación de Servicios Logísticos del BBV, Grupo de Empresas Ttes. Olloquiegui. CONEUROPA, PAT, MOL, etc.) He was also General Secretary first and the President later of the largest Freight Transport Association in Spain, and possibly in Europe (Confederación Española de Transportes de Mercancías, CETM).

In the public sector, Pilar Tejo was General Manager of the Spanish Maritime Safety and Rescue Agency for about 6 years. Both also have teaching experience in prestigious postgraduate degree programs in Business Schools and Spanish Universities.

TEIRLOG INGENIERIA SL team, led by its Managing Partners, is composed by 5 Project Managers with an average experience of 10 years in the specified fields of the company, and a support team of Junior Consultants comprises of engineers and economists, most of them with post graduate degrees in transport and logistics areas.

The whole staff provides a highly competent professional team to carry out the tasks entrusted to TEIRLOG.

Professionals working in TEIRLOG are characterized by the constant search for improved customer service and increasing its value.

The permanent team of TEIRLOG INGENIERIA SL, described above, is complemented by external professionals of the highest level and over 20 years of working experience in several areas from amongst which logistics and transport areas are emphasized. The close relationship between these professionals and TEIRLOG's permanent staff allows having a very flexible set of multidisciplinary teams for specific projects in areas such as:

- Logistics Facilities Engineering: design of buildings and specialized facilities.

- Logistics and Transport Information Systems, with regard freight transport (integrated GPS and fleet management) and also passenger transport (Exploitation Support Systems -ESS's-)

- Logistic Property Services Market (Logistic State Agents, global logistics platform, its parks of activity or specific facilities).

- Other ones (rail facilities, logistics and transport activities software, freight transport and passenger transport models...)

TEIRLOG INGENIERIA SL maintains a policy of alliances for projects and subject areas with large Spanish engineering companies (as TYPESA, ACCIONA Ingeniería, LKS ...) for large-scale complex projects in Spain and other geographical areas such as South and North America, Europe, Middle East ..., in which TEIRLOG brings huge expertise in its professional fields.

This policy is complemented by TEIRLOG's partners from other countries, both European and/or Latin American, which allows TEIRLOG to develop studies in these countries, or in cluster areas.

# TEIRLOG INGENIERIA

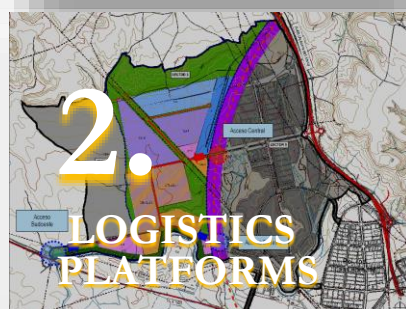
## AREAS OF EXPERTISE

The activity of **TEIRLOG INGENIERIA SL**, covers strategic consultancy, engineering and planning, Business Plans to develop the above, and advice and participation in the Management and Implementation of initiatives in which the previous phases have already been completed. Its activities are concentrated mainly in the field of goods transport, but also include passengers travel in the following areas:

- SHIPPING & PORTS
- LOGISTICS PLATFORMS
- ROAD TRANSPORT AND LOGISTICS SERVICES
- PASSENGER TRANSPORT
- RAIL TRANSPORT
- LOGISTICS AND TRANSPORT PLANNING
- AIR CARGO
- SEMINARS



- Ports Strategic Plans
- Functional Planning / Urban Port
- Diagnosis and Analysis of Port Systems
- Market Research Port Traffics
- Land access to ports intermodal Port
- Dry Ports
- Logistics Activity Zones
- Planning Port Terminals
- Traffic Studies and Outreach
- Feasibility of Maritime Services
- Feasibility of Short Sea Shipping Services



- Regional Logistics Strategies
- Feasibility, Planning and Development Department of Transport and Logistics Platforms Functional Design and Intermodal Terminal Project
- Partial plans of Logistics Platforms
- Platforms Development Projects
- Business Plan of Logistics Platforms
- Financial Strategy and Promotion of Logistics Platforms
- Advice on the Operation of Logistics Platforms



- Detailed Studies and Analysis, costs, taxation, marketing, pricing, ...
- Sectoral Strategic Plans
- Studies and Spatial Planning in Certain Areas
- Optimization studies for Operators and Chargers
- Advice to Business Logistics Manufacturers and Operators

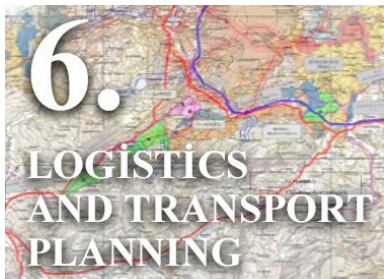
## AREAS OF EXPERTISE



- Implementation of Technological Systems (SAE's) in the metropolitan traveler
- Studies and Planning Passenger Transport
- Management of Urban Transport
- Transportation Urban Strategies
- Transportation Planning in Metropolitan Areas (Urban Coordination and Inter-City)
- Exchanger Design and Analysis (Road, Intermodal)
- Social and Economic Impacts of Transportation
- Charges for the Transportation Systems



- Functional Design Terminal Railway
- Intermodal Terminal Project
- Feasibility Analysis of Dry Ports and Terminals Railway
- Passenger Terminal Design
- Intermodal integration
- Rail Freight



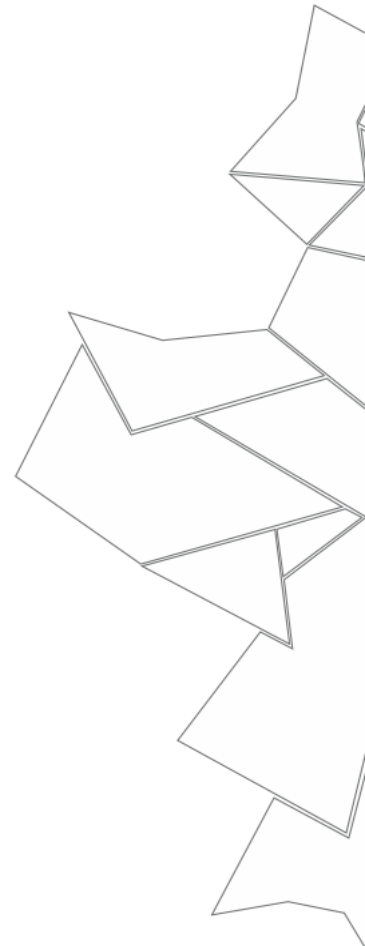
- Regional Strategic Plans for Infrastructure and Transportation Services
- Regional Logistics Strategy
- Network Development of Logistics Platforms
- Intermodal Strategy and Plans
- Logistics urban and metropolitan



- Studies of Air Cargo Demand
- Study and Design of Air Cargo Center
- Business Strategies for Airports and Airlines
- Functional Areas, Airport Design
- Load Centers Interconnection Systems with Transport
- Complex Linked to the Airport Activity



- Technical Conference
- Conferences
- Seminars





## TEIRLOG INGENIERIA

### SHIPPING AND PORTS

#### Port Terminals Analysis and Planning

- 2019 Preliminary Study of Alternatives of a Maritime Port in a Free Zone in La Guajira Department, Republic of Colombia
- 2019 Analysis and improvement of the competitive positioning of the port of Huelva in the Logistics of goods at controlled temperature. Port Authority of Huelva.
- 2017 Demand study for the future multipurpose port terminal in Chimbote, Peru. Acciona Ingeniería. ALVAC-AGUNSA
- 2010 Economic and financial analysis of a new concession at the Port of Barcelona. Celsa group.
- 2009 Rating GENERATION ENDESA granted to a public terminal for coal in Carboneras. Carboex Inc.
- 2008 Feasibility study for a future container terminal at the Port of Castellón Port Authority of Castellón.
- 2007 Technical assistance for traffic and revenue for future Single Terminal Container Port of Bilbao Caja Madrid.
- 2005 Market analysis and forecasting of demand for the implementation of a Solid Bulk Terminal at the Port of Castellón. FCC
- 2004 Reorganisation of the Port area of Bouzas. Port Authority of Vigo.
- 2003 Review of dimensions of the container terminal and of the Logistics Activity Zone of the Port of Granadilla. A.P. Tenerife.
- 2003 Feasibility study of the Development of a Reefer Complex in the Port Terminal of Rande. Free Zone of Vigo Consortium.
- 2002 Marketing study for the implementation of a multipurpose terminal in the Port of Huelva. Dragados S.P.L.
- 2002 Supervision of the market study of the feasibility analysis for the container terminal at the Port of Jingtang. Dragados S.P.L.

#### Strategic, Functional, and Urbanistic Port Planning

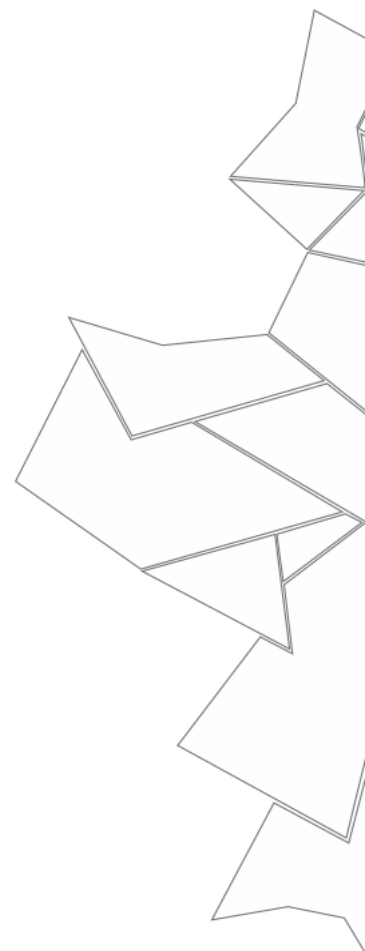
- 2020 Technical Office for the development of the urban port district of Seville. Port Authority of Seville.
- 2019 Technical support and secretarial office for drafting of the State Port System Strategic Framework (2019). Ports of the State
- 2018 Alternatives to expand Manzanillo Port. Government of the Dominican Republic
- 2017 Elaboration of the Port Authority of Balearics's strategic plan. Balearic Port Authority
- 2017 Report on the status and design of preliminary studies for the Manzanillo Port and development of Pepillo Salcedo. BID
- 2017 Development of the Alicante Port Strategic Plan. Port Authority of Alicante
- 2016-2017 Review of existing information and market analysis of Bluefields Port- Atlantic Coast of Nicaragua - BID
- 2016 Strategy of logistics-port land of Cadiz Bay-port - Port Authority of the Bay of Cadiz
- 2015 Port of A Coruña Strategic-Commercial Plan for 2016-2020 period. Prospecting of new international markets for the port of A Coruña commercialization. Port Authority of A Coruña.
- 2014 Updating of Strategic Plan of the Port Authority of Pasaia. Port Authority de Pasaia.
- 2014 Development of the strategic plan of the Cadiz Bay Port and the Marketing Plan of the New Container Terminal. A.P Bahía Cádiz.
- 2013-2014 Strategic vision for the development of the outer Port of Ferrol
- 2013 Optimization and Operation of the Gijon Port Community: Port Authority of Gijon.
- 2012 Nicaragua. Feasibility study of a new deepwater port. Inter American Development Bank. BID
- 2009 Master Plan for the Port of Carboneras. IBERINSA- Port Authority of Almería.
- 2009 2008-2020 Strategic Plan for the Port of Tarragona. Port Authority of Tarragona.
- 2009 2008-2015 Strategic Plan for the Port of Almería. Port Authority of Almería.
- 2009 2008-2015 Strategic Plan for the Port of Pasajes. Port Authority of Pasajes.
- 2009 Draft of the Master Plan for the Port of Málaga. Port Authority of Málaga.
- 2007 2007-2015 Strategic Plan for the Port of Ferrol-San Cibrao. Port Authority of Ferrol-San Cibrao.
- 2006 Strategic Plan for the Port of Vigo. Port Authority of Vigo.
- 2005 Strategic Plan for the Port of Santander. Port Authority of Santander.
- 2001 Strategic and Master Plan for the Port of Vigo. Port Authority of Vigo.
- 2001 Development of the Strategic Plan for the Port of Coruña. Port Authority of A Coruña.
- 2000 Master Scheme for the Outer Harbour of Huelva, Port Authority of Huelva.
- 2000 Port Spaces Utilization Plan for the Port of Granadilla, Port Authority of Tenerife.



# SHIPPING AND PORTS

## Port Studies

- 2020 Market Study and Feasibility of the Port of San Pedro de Macorís. Government of the Dominican Republic.
- 2020 TA for Activity 1 in the terms established in Grant Agreement N° INEA / CEF / TRAN / A2019 / 1896609 (2nd and 3rd quarter 2020) ". Ferrol Port Authority.
- 2020 Market Study and Feasibility of the Port of San Pedro de Macorís. Government of the Dominican Republic.
- 2019 Preparation of two applications to the CEF 2019 program of the port of Avilés. Port Authority of Avilés
- 2019 Market Study in the scope of bulk port logistics. CLH.
- 2018 Elaboration of a Model Specification of Private Prescriptions for the port service to the passage and the Guide for the completion of the Model. Ports of the State.
- 2018 Study of the economic and financial profitability of a RO-RO ramp provision in the Port of Avilés, according to the MEIPOR methodology. Port Authority of the Port of Avilés
- 2018 Feasibility analysis of the transport system development to reduce the heavy vehicles port flow of Málaga Port. Clothos-Espacio
- 2016 Preliminary analysis of opportunities in the port industry. Acciona Infraestructuras.
- 2015 Study of the costs chain of liquid bulks traffics in Spanish port terminals. State Ports
- 2015 Applications preparation to CEF Transport program - Call 2014. Port Authority Ferrol-San Cibrao
- 2012 Permanent Observatory of Port Services Market. Spanish Ports of State
- 2012 - 2013 Intermodal Freight Transport Optimising European Ports-through. European Space Agency (ESA)
- 2012 Analysis of captured traffic through the ports of the Autonomous Community of Galicia with the Community of Madrid. Action Plan . Madrid Logistics Platform
- 2011 Changing modal logistics chains Port-Hinterland, with efficient and sustainable transport in the port UMLAND.M.Development.
- 2009 Methodology for calculation of container terminals. Application to the Port of Montevideo. Commercial Ports of Uruguay (ANP)
- 2009 Study about potential market of the Port of San Cibrao. Port Authority of Ferrol-San Cibrao.
- 2007 Study of the hinterland of the Port of Malaga for container traffic. Port Authority of Malaga.
- 2007 Draft of the Port Equipment chapter of the 'Guide for Port Operations'. State Ports.
- 2006 Study of influence's area of the Bahía de Algeciras Port. Bahía de Algeciras Port Authority.
- 2004 Assessment of land and water surfaces of the Ports of Catalonia. Ports of Catalonia.
- 1999 Strategic Plan for the Ports managed by the Port Authority of Algeciras Bay: 2010-2015 with vision Horizon 2020. P Algeciras Bay.





# SHIPPING AND PORTS

## Maritime Transport Studies

- 2020. Diagnosis and perspectives of the shipping sector in Spain in the face of COVID-19. General Directorate of the Merchant Marine. Transport Ministry
- 2019 Technical-economic study for the improvement and promotion of the Special Registry of Ships of the Canary Islands (REC). General Directorate of the Merchant Marine. Transport Ministry
- 2011-2020 Technical direction of the Spanish Association for the Promotion of Short Sea Shipping. Shortsea Promotion Centre Spain
- 2016 Technical assistance to the government agency Puertos del Estado in the coordination and monitoring of initiatives and projects in the field of Trans-European Transport Network and its maritime-port dimension. State Ports.
- 2014- 2017 Support to the maritime transport sector in Africa; development of port database interchange mechanism, marine environment protection and emergency response performance. European Union. DG DEVCO-ACP Group.
- 2014 Development of the Technical Tender for the proposal Indirect management of loading, unloading and passengers transfer in Puerto de las Nieves, Agaete, Isla de Gran Canaria. Naviera ARMAS.
- 2011-2020 Statistical Observatory of Short Sea Shipping in Spain. Spanish Association for the Promotion of Short Sea Shipping
- 2011 Elaboration of the Proposal to the program of motorways of the sea of transeuropean network of the LNG in Shipping – REIMAR project Gas Natural S.D.G.
- 2008-2011 Modal shift in supply chains Port-Hinterland, with efficient and sustainable transport. Ministry of Fomento
- 2011 Updating of the transport chains simulator of the Spanish Association for the Promotion of Short Sea Shipping (Short Sea Promotion Centre-Spain) and extension of its functionalities.
- 2007 Execution of a Master Plan for the development of maritime transport linked to the Network of Logistics Areas of Andalucía. Ports of Andalucía.
- 2005 Critical elements in intermodal services between the Murcia region and Mediterranean countries. INFO Murcia – Port Authority of Cartagena.
- 2004 Technical Assistance to revalue the Pilotage Sector in Spain. Pilots Federation of Spain.
- 2004 Study of transport of fish from fleets operating under fishing agreements. Ministry of Agriculture, Fishing and Food.
- 2001 Analysis of the maritime service of goods from Ibiza - Formentera. Balearic Government
- 2000 Market study and Promotion Plan for the Spanish Seaport Sector. ANAVE and State Ports. ICEX. Ministry of the Economy.

## Short Sea Shipping and New Maritime Transport Lines

- 2016-2017 Technical assistance for the feasibility analysis of the implementation of a RO-RO Short Sea Shipping service in the Port of Avilés. Port Authority of Avilés.
- 2016 Analysis of the competitiveness of Madrid-Huelva-Canarias corridor for containerized traffic. Port Authority of Huelva.
- 2015 Analysis of the potential demand for Ro-Ro line with Morocco. Port Authority of the Bay of Cadiz.
- 2014 Design of RORO lines within the European project funded by INTERZALIA TEN-T 2007-2013. Port Authority de Gijón
- 2014 Assistance in the preparation of the proposal ATLANTICA OPTiMoS to TEN-T 2013 program. Puertos del Estado.
- 2013 Technical Support to the preparation of the proposal Magellano 2020 about TEN-T 2012 Program. Puertos del Estado.
- 2011-2013 Advanced Rational Transport Evaluator and Multimodal Information System, ARTEMIS project. Project funded by Marco Polo II Program.
- 2012-2019 Statistical Observatory of Short Sea Transportation. SSS Promotion Centre.
- 2012 Feasibility analysis and proposal to the Marco Polo program of the enlargement of a maritime service between the Cantabrian seaboard and the North of Europe. UECC
- 2011 Updating of a simulator of intermodal transport chains SSS Promotion Centre – Spain
- 2008-2011 Development of co-modality and logistics through the collaborative Web 2.0 for the promotion of SSS
- 2010 Collaboration in the European project Greening of surface transport through an innovative and competitive CARGO-VESSEL Concept connecting marine and fluvial intermodal ports (EU CARGOXPRESS). Port Authority Gijón
- 2010 Analysis of the maritime service Península – Melilla. D. G. Marina Mercante. Fomento Ministry
- 2010 Feasibility and Presentation to the Marco Polo Program of 3 SSS lines. Acciona Trasmediterránea.
- 2009 Feasibility of an SSS line between Spain and Italy. Presentation to the Marco Polo Program. USTICA Lines.
- 2008 Market and economic-financial study for the development of one or several sea highways between Spain and France in the Atlantic-La Mancha-North Sea range. Acciona Trasmediterránea.
- 2008 Market and economic-financial study for the development of sea highways within the WEST-MoS project of the Transeuropean Networks. Port Authority of Ferrol.
- 2008 Market and economic-financial study for the Port Vigo development of sea highways within the WEST-MoS project of the Transeuropean Networks. Port Authority of Vigo.
- 2008 Market and economic-financial study for the development of sea highways within the WEST-MoS project of the Transeuropean Transport Networks (RTE-T). Port Authority of Tarragona.
- 2007 Study of general cargo traffic capturable by the Port of Algeciras. Bahía de Algeciras Port Authority.
- 2006 Development of a door-to-door services costs simulator with utilization of SSS services. Short Sea Promotion Centre - Spain.
- 2006 Feasibility study of implementation of a SSS line from the Port of Huelva. Port Authority of Huelva.
- 2006 Feasibility study for the implementation of a vehicle importation line in the Port of Cartagena. Port Authority of Cartagena.
- 2004 Economic impact of the draft of the Economic Regimen Law and the Law of Service Provision of the Ports of General Interest for the SSS and proposal for adaptation. Short Sea Promotion Centre - Spain.
- 2004 Sea Motorways: Definition and establishment of criteria for quality of service in the SSS. State Ports.
- 2004 Creation of proposals for the PROFIT program meeting. Suardiaz Fleet.
- 2004 Traffic study for the Port of Cartagena. Port Authority of Cartagena.
- 2004 Implementation of a single port fee and a port services forfait for the SSS. Short Sea Promotion Centre - Spain.

# SHIPPING AND PORTS

## Maritime Transport Studies

- 2020. Diagnosis and perspectives of the shipping sector in Spain in the face of COVID-19. General Directorate of the Merchant Marine. Transport Ministry
- 2019 Technical-economic study for the improvement and promotion of the Special Registry of Ships of the Canary Islands (REC). General Directorate of the Merchant Marine. Transport Ministry
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- 2016 Technical assistance to the government agency Puertos del Estado in the coordination and monitoring of initiatives and projects in the field of Trans-European Transport Network and its maritime-port dimension. State Ports.
- 2014- 2017 Support to the maritime transport sector in Africa; development of port database interchange mechanism, marine environment protection and emergency response performance. European Union. DG DEVCO-ACP Group.
- 2014 Development of the Technical Tender for the proposal Indirect management of loading, unloading and passengers transfer in Puerto de las Nieves, Agaete, Isla de Gran Canaria. Naviera ARMAS.
- 2012 Statistical Observatory of Short Sea Shipping in Spain. Spanish Association for the Promotion of Short Sea Shipping
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- 2007 Execution of a Master Plan for the development of maritime transport linked to the Network of Logistics Areas of Andalucía. Ports of Andalucía.
- 2005 Critical elements in intermodal services between the Murcia region and Mediterranean countries. INFO Murcia – Port Authority of Cartagena.
- 2004 Technical Assistance to revalue the Pilotage Sector in Spain. Pilots Federation of Spain.
- 2004 Study of transport of fish from fleets operating under fishing agreements. Ministry of Agriculture, Fishing and Food.
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- 2016-2017 Technical assistance for the feasibility analysis of the implementation of a RO-RO Short Sea Shipping service in the Port of Avilés. Port Authority of Avilés.
- 2016 Analysis of the competitiveness of Madrid-Huelva-Canarias corridor for containerized traffic. Port Authority of Huelva.
- 2015 Analysis of the potential demand for Ro-Ro line with Morocco. Port Authority of the Bay of Cadiz.
- 2014 Design of RORO lines within the European project funded by INTERZALIA TEN-T 2007-2013. Port Authority de Gijón
- 2014 Assistance in the preparation of the proposal ATLANTICA OPTIMoS to TEN-T 2013 program. Puertos del Estado.
- 2013 Technical Support to the preparation of the proposal Magellano 2020 about TEN-T 2012 Program. Puertos del Estado.
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- 2010 Collaboration in the European project Greening of surface transport through an innovative and competitive CARGO-VESSEL Concept connecting marine and fluvial intermodal ports (EU CARGOXPRESS). Port Authority Gijón
- 2010 Analysis of the maritime service Península – Melilla. D. G. Marina Mercante. Fomento Ministry
- 2010 Feasibility and Presentation to the Marco Polo Program of 3 SSS lines. Acciona Trasmediterránea.
- 2009 Feasibility of an SSS line between Spain and Italy. Presentation to the Marco Polo Program. USTICA Lines.
- 2008 Market and economic-financial study for the development of one or several sea highways between Spain and France in the Atlantic-La Mancha-North Sea range. Acciona Trasmediterránea.
- 2008 Market and economic-financial study for the development of sea highways within the WEST-MoS project of the Transeuropean Networks. Port Authority of Ferrol.
- 2008 Market and economic-financial study for the Port Vigo development of sea highways within the WEST-MoS project of the Transeuropean Networks. Port Authority of Vigo.
- 2008 Market and economic-financial study for the development of sea highways within the WEST-MoS project of the Transeuropean Transport Networks (RTE-T). Port Authority of Tarragona.
- 2007 Study of general cargo traffic capturable by the Port of Algeciras. Bahía de Algeciras Port Authority.
- 2006 Development of a door-to-door services costs simulator with utilization of SSS services. Short Sea Promotion Centre - Spain.
- 2006 Feasibility study of implementation of a SSS line from the Port of Huelva. Port Authority of Huelva.
- 2006 Feasibility study for the implementation of a vehicle importation line in the Port of Cartagena. Port Authority of Cartagena.
- 2004 Economic impact of the draft of the Economic Regimen Law and the Law of Service Provision of the Ports of General Interest for the SSS and proposal for adaptation. Short Sea Promotion Centre - Spain.
- 2004 Sea Motorways: Definition and establishment of criteria for quality of service in the SSS. State Ports.
- 2004 Creation of proposals for the PROFIT program meeting. Suardíaz Fleet.
- 2004 Traffic study for the Port of Cartagena. Port Authority of Cartagena.
- 2004 Implementation of a single port fee and a port services forfait for the SSS. Short Sea Promotion Centre - Spain.

## SHIPPING AND PORTS



- 2003 Market Study for the establishment of an SSS line in the Cantabrian range. Acciona Trasmediterránea.
- 2003 Feasibility study for SSS lines between Spain and EU countries. SPC-Spain
- 2003 Feasibility study of establishment of a new regular line in the Port of Cartagena. Port Authority of Cartagena.
- 2003 Implications of Road transport sector in the development of the SSS: conditions for execution. Spanish Association for the Promotion of Short-Distance Maritime Transport.
- 2003 Feasibility of the establishment of an SSS line in the Spanish Mediterranean Sea Castellón-Italy. Buquebús-Transportes Monfort
- 2000 Feasibility analysis of establishment of a regular line between the Port of Cartagena and North Africa. Port Authority of Cartagena.

### Port Intermodality

- 2020 Development of level 1 of activity 1 of Action 2019-ES-TA-0032-M of the Port Authority of Ferrol-San Cibrao - ASR 2020. Ferrol-San Cibrao Port Authority
- 2019 Preparation of the application to the CEF 2019 program on the railway connection of the port of Ferrol. Port Authority of Ferrol
- 2019 Elaboración de la solicitud al programa CEF 2019 sobre el dragado y la conexión ferroviaria del puerto de Cádiz. Port Authority de la Bahía de Cádiz
- 2018 Study of commercial development of the rail connection to the Escombreras dock. Port Authority of Cartagena
- 2015 Applications preparation to CEF Transport program -Call 2014. Port Authority of Tarragona.
- 2014 Elaboration of a management model for the INTERZALIA European project (financed by the TENT T 2007-2013). Port Authority of Avilés Port.
- 2012-2013 Study implementation of rail access information outside the Port of La Coruña at Punta Langosteira. Ministry of Development. Directorate General of rail infrastructure
- 2013 Technical assistance in the preparation of the proposal ATLANTICA TEN-T to the program 2012. State Ports.
- 2011 EcoModalUmlandPort. Project funded by the National R + D + i 2008-2011.
- 2006 Study of a potential Action Plan for increasing the rail transport share in Spanish Ports. RENFE.
- 2005 Study of the problems of freight road transport in the Port of Santander area. Government of Cantabria.
- 2002 Commercial feasibility of construction of a rail access to ENDESA- PUERTOS/ACERINOX. RENFE.
- 2001 Commercial feasibility of construction of rail penetration to the south of the Port of Castellón and the Industrial Zone. RENFE.
- 1995 Improvement of freight road transport in the port of Bilbao. Port Authority of Bilbao.

### Dry Ports & Rail Terminals

- 2017 Rail freight demand prognosis in conventional wagon for Puerto Centro. Port Authority of Tarragona
- 2017 Demand study for rail transport of central area with the hinterland of Tarragona and vice versa, and terminals operation study. Port Authority de Tarragona
- 2010 Business Plan Dry Port of Monforte de Lemos. Xunta de Galicia
- 2008 Strategic Plan of the Dry Port of Madrid: Intermodal Maritime Terminal of the
- Peninsular Centre. Puerto Seco de Madrid, S.A.
- 2008 Management Plan for the Terminal of Vigo-Guixar (Vigo). ADIF Goods Terminals.
- 2002 Functional organization of the enlargement of the Dry Port of Coslada. Puerto Seco de Madrid.
- 2001 Strategic Plan and Business Plan for the Dry Port of Madrid. Puerto Seco de Madrid, S.A.
- 2001 Feasibility and functional planning for the Dry Port of Venta de Baños. Port Authority of Gijón.
- 1999 Analysis of Complementary Activities of the Dry Port of Madrid Coslada. Dry Port of Madrid-Coslada.

### Port Logistics Activity Areas

- 2012-2014. Design and development of a logistic platform for offshore wind energy. SEAMAR . NAVANTIA.
- 2011-2014 Uses and activities analysis, design, planning and economic study and analysis of impacts of an intermodal logistics activities Zone and an economic activities Area in the Bay of Cádiz. TRAGSATEC. Consortium Las Aletas
- 2013 Development plan of intermodal logistics platform for the Port of Buenos Aires. Port of Buenos Aires.
- 2012. Analysis of Project Logistics Activities Area of the port of Buenaventura. American Development Bank
- 2011 Technical Study of Logistics Platform Facilities in the environment of the Bay of Algeciras, NETPLATBA Project. Bahía de Algeciras Port Authority.
- 2006 Sectorial Project of the Logistics, Business, and Port Platform in the Ferrol Area. Port Authority of Ferrol.
- 2005 Study of a Logistics Activities Area in Port Limón-Moín. Costa Rica. World Bank.
- 2004 Strategic feasibility plan for a Logistics Activities Area for the Asturian Ports. Port Authorities of Gijón and Avilés.
- 2004 Reorganisation of the Port Area of Bouzas (Vigo). Port Authority of Vigo.
- 2004 Feasibility study of a Logistics Activities Area in Port Cortés. Honduras. World Bank.
- 2004 Request for European Funds for the development of the PLISAN Port Authority of Vigo.
- 2003 Development report on a port logistics-industrial area in Aboño. Port Authority of Gijón.
- 2002 Pre-study of feasibility of an intermodal Logistics Activities Area in the Port of Bilbao in Rivabellosa (Álava). Regional Government of Álava,
- 2002 Functional Plan for the Logistics Activities Area of Gibraltar Goods Transport Centre of regional interest, Public Entity of the Ports of Andalucía.
- 2001 Logistics Study for the Port of Lisboa. CISED.
- 2000 Alternatives to Development of the Port Area of Bouzas (Vigo) Consortium of the Vigo Free Trade area.
- 2000 Study of the Development of Logistics Activities Areas (LAAs) in the Spanish Port System . State Ports.
- 2000 Logistics Activities Areas of the Spanish Port System. Phase II. Development of the promotion of the LAA in the Port of Sevilla Port Authority of Sevilla.



# TEIRLOG INGENIERIA

## LOGISTICS PLATFORMS

Through their team, TEIRLOG ENGINEERING SL offers extensive experience in the conception, planning, development, marketing and operation of Transport Centres, Logistics Platforms, Logistics-Industrial and Logistics Activities areas.

From Partner Directors Alfredo Irisarri and Pilar Tejo Mora-Granados, TEIRLOG ENGINEERING SL offers varied and broad experience in the field, which allows for integral development of any type of logistics platform, through the entire process:

- Land planning for uni-or multimodal logistics platforms
- Feasibility Analysis which define all aspects of each logistics platform.
- Other aspects that are related to the rest of Platform development:
  - Selection of the ideal promotion/management formula
  - Land management systems
  - Platform financing
  - Marketing and operation

In addition, if any project needs it, TEIRLOG INGENIERIA maintains stable relationships with other consulting and engineering partners and professional consultants, in the national and international areas, for carrying out:

- Land use planning
- Warehouse engineering
- Development Projects
- Building Projects
- Legal Analyses
- Other aspects

TEIRLOG INGENIERIA also collaborates in the search for specialized investors in this type of platform (developers), who provide investments for the development of these platforms in their various phases.

### Network of contacts in other countries

TEIRLOG INGENIERIA maintains contacts with excellent consultants in the area of transportation and logistics of other European countries (France, Germany, Portugal, etc) or the Americas (USA, Argentina, Uruguay, Chile, Brasil, Mexico, etc), which allows the development of studies and projects in those countries with guaranteed success.

TEIRLOG INGENIERIA maintains strategic alliances with regular collaborators, to be able to offer their clients the most complete and highly specialized service for their specific needs.

### DESC International Consulting



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# LOGISTICS PLATFORMS

## Feasibility Studies

- 2018 Transaction advice. Prepare and accompany the structuring of projects of the PROESA and FOMILENIO II portfolio: 1) AIESMOARG Cargo Terminal. FOMILENIO CHALLENGE CORPORATION
- 2018 Project that establishes the typology, the design and the alternatives for the implantation of a logistic-intermodal platform in Talavera de la Reina. IPETA
- 2013-2014 Development of Intermodal Logistics Terminals included in the freight basic Network of the Strategic Plan for the Promotion of Rail Freight Transport (Cantabria, Aragon, Navarre and Extremadura). Railway Infrastructure Directorate.
- 2012-2014. Development of a logistic platform for offshore wind energy. SEAMAR . NAVANTIA.
- 2011-2014 Preparation of the planning document of an intermodal logistics activities Zone and an economic activities Area in the Bay of Cádiz. TRAGSATEC. Consortium Las Aletas
- Preparation of the planning document that accompanies the request for the public reservation of the Aletas park
- 2012-2013 Technical assistance for the development of new Industrial Logistics Complex of Miranda de Ebro (Burgos). Miranda de Ebro Logistics Center.
- 2012 Business Plans of the Association Logistical sites within CyLoG obtaining funding from Provinsa.
- 2012 Market Analysis, Feasibility Study and Consulting to implement an integrated transport center in the AP-8 Astigarraga. Provincial Council of Gipuzkoa.
- 2010 Technical Assistance to support the elaboration of the planning document accompanying the request for the reservation of the park demanial fins. Cadiz. Tragsatec
- 2010 Feasibility Analysis of a Transportation Service Center in Verin/ Tamagos. Government of Galicia
- 2010 Feasibility Study of a logistic and port installation and maritime industry background , located in Las Aletas (Cádiz). Tragsatec
- 2010 Feasibility Study of the Intermodal Node of the Pamplona Area. Agencia Navarra del transporte y la Logística (ANL).
- 2010 Feasibility study on the Logistics Areas of the Altsasu/Alsasua, Iruztzun, and Bera/Vera de Bidasoa areas (Navarra). Agencia Navarra del transport y la Logística (ANL).
- 2010 Feasibility study of the Logistics Areas of the Estella, Tafalla, and Sangüesa-Lumbier areas (Navarra). ADIF-Agencia Navarra del transport y la Logística (ANL).
- 2009 Feasibility study of a Logistics and Economics Activities Platform in Alcalá de Guadaíra (Sevilla). FCC Construcción S.A. 2009 Feasibility study of a logistics platform in Miranda del Ebro. Castile and León. 2010
- 2009 Feasibility Study of the Logistics Area of Tudela (Navarra). Navarra Agency transport and logistics (ANL).
- 2009 Strategic Logistic Platforms Network of Castilla-La Mancha. Feasibility Phase 1 . Castilla-La Mancha.
- 2008 Feasibility Study for Intermodal Logistics Platform of Castejón
- 2007 Feasibility Study- of Industrial and Logistics Platform in Hellin (Albacete). Finance Institute of Castilla-La Mancha.
- 2006 Almenar de Soria - Logistics Center. Feasibility study . Castile and León.
- 2006 Market analysis of the exterior logistics belt of the Central Region. Abertis.
- 2005 Feasibility analysis of the operation of Río Torio heavy vehicle parking in Ávila. Ávila City Government.
- 2005 Feasibility study of a Logistics and Economics Activities Complex in Santander. Government of Cantabria.
- 2005 Feasibility study of a Logistics Platform in the area south of the Metropolitan area of Lisboa. ODEBRECHT.
- 2005 Feasibility study of a Multimodal Transport Logistics Platform in Juazeiro, Bahia state (Brasil). Government of the State of Bahia.
- 2005 Market study of the logistics real estate sector in the Madrid Area. ABERTIS LOGISTICA.
- 2003 Miranda-Rivabellosa (CAE Miranda) Logistics Industrial Node. Regional Government of Álava.
- 2003 Study for the enlargement of CTV - E.D.. Vitoria Transport Centre. (CTV)
- 2003 Aragón Logistics Purchasing Centre Preliminary Report. Government of Aragón.
- 2002 Development strategy for the International Industrial Park of San Luis Río Colorado (Mexico). Nafta S.A. de CV.
- 2002 Feasibility study of the Álava Sur Logistics Platform. ACESA.
- 2001 Development study on a Logistics Platform in Chaves-Verín. LKS-CYNIMA

## Promotion, Management, and Development Strategy and Business Plans

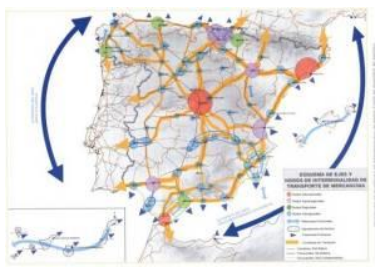
- 2018 Advice on action alternatives for the Transport City of Santander. General Directorate of Transport of the Government of Cantabria
- 2016 Analysis of business model options for the development and operation of the Murcia's intermodal terminal of and the annex logistic activities zone. Instituto de Fomento. Región de Murcia
- 2013 Intermodal Logistics Platform of Arganda del Rey: an optimal alternative for the mainland center. Nuevo Arpegio S.A.
- 2010 Market analysis for temperature controlled logistics service provision in the Agri-food City of Tudela. Agri-food City of Tudela, S.L.
- 2009 Development, promotion, and business plan for the Regional Logistics Enclave in the Valladolid-Palencia-Burgos Corridor. Government of Castilla y León.
- 2009 Reactivation Plan for the CyLoG Network. Government of Castilla y León.
- 2005 Business plan for the Intermodal Terminal of ARASUR. ARABA Logística.
- 2005 Strategic orientations for the development of Goods Transport Centres and of the ACTE. Association of Spanish Transport Centres.
- 2004 Technical Analysis of the marketing process for ARASUR. ARABA Logística
- 2004 Preparation for a public tender for promotion of the 3rd phase of the enlargement of the CTP. CTP de Pamplona, S.A.
- 2004 Business Plan for CTMI Ourense. Government of Galicia.
- 2003 Business Plan for the enlargement area of the CTP Pamplona. CTP de Pamplona, S.A.
- 2003 Modalities of Promotion and Management of Logistics Platforms. Government of Galicia.
- 2002 Complementary Studies for the Business Plan of the Intermodal Logistics Platform of Zaragoza PLAZA.
- 2002 Participation study of the logistics platform of Salvaterra/As Neves. Port Authority of Vigo.
- 2001 Participation in the bidding for the planning and promotion of the Large 500 ha Logistics-food platform in the Central Market of Buenos Aires. Consortium of the Central Market of Buenos Aires.

# LOGISTICS PLATFORMS

## Planning and Projects

- 2019 Technical Assistance for the development of level 1 of activity 1 of action 2014-EN-TM-0547-M OF THE Southwest European Logistics Platform according to Grant Agreement INEA /CEF/TRAN/M2014/1039904 during the second semester from 2019. Junta de Extremadura
- 2018 Proposal to modify the Castellón airport Special Plan in order to incorporate the determinations established by the Castellón airport Master Plan and Strategic Plan. Castellón Airport.
- 2018 Development of activities 1 and 2 of 2014-ES-TM-0547-M action under the established terms in Grant Agreement N° INEA/CEF/TRAN/M2014/1039904-v2. Gobierno de Extremadura.
- 2016 -2017 Technical assistance for the development of activities 1 and 2 of 2014-ES-TM-0547-M action under the established terms in Grant Agreement N° INEA/CEF/TRAN/M2014/1039904. Gobierno de Extremadura
- 2015 Drafting of technical documentation for the management process of the CEF funding (Connecting Europe Facility) granted to the Rail Freight Terminal and Southwest Europe Logistics Platform, 1st phase in Badajoz. Government of Extremadura.
- 2015 Applications preparation to CEF Transport program - Call 2014 transeuropean network, for the development of the PSLE of Badajoz. Government of Extremadura.
- 2011 Technical Study of Logistics Platform Facilities in the environment of the Bay of Algeciras, NETPLATBA Project. Bahía de Algeciras Port Authority.
- 2010 Management of the Miranda de Ebro Logistic Platform development . Logistic Center Miranda de Ebro.
- 2009 PSIR Llano de la Pasiega (Cantabria). Suelo Industrial La Pasiega.
- 2008 Management Plan for the Noáin Terminal (Navarra). ADIF Goods Terminals.
- 2008 PSIR Marina de Cudeyo – Medio Cudeyo (Cantabria). Suelo Industrial de Marina y Medio Cudeyo.
- 2003 ARASUR Development Project. ARABA Logística.
- 2002 Pamplona Transport City. CTP.
- 2002 Master Plan for the Central Market of Buenos Aires. Cooperative of the Central Market of Buenos Aires.
- 2002 Partial Plan for Rivabellosa - Arasur. Álava Development Agency.
- 2001 Draft of the Sectorial Project for the Intermodal Rail Terminal Transportation Centre in the Municipality of San Cibrao das Viñas (Centre for Transport and Intermodal Terminal Ourense). Xestur Ourense.
- 2000 Freight Transport Centre de Guadix: altimetry and motion design of the proposed land development. Luciano Fernández Casas.





# TEIRLOG INGENIERIA

## LOGISTICS AND TRANSPORT PLANNING

### Transport and Logistics Strategic Planning

- 2018 Development of the logistics Strategic Plan for Extremadura, drafting of the PLSWE Business Plan and Technical Assistance for the results implementation, integrating environmental sustainability. Extremeño Promotion of Industrial Infrastructure, SAU.
- 2018 Adif's Plan of action 2018 - 2020 for the rail freight transport development in Spain. ADIF
- 2016-2017 Structure the logistic module for cargo transport of the Railway Master Plan - DNP-Colombia
- 2016 -2017 Development of the Operational Plan for the management of the corridors and the Action Plan for the efficient management of the country's logistic corridors, Phase 1 and 2-FND – Colombia
- 2015 Binational study El Dorado - Mayor Otaño bridge: Improvement of the Territorial Connectivity between Argentina and Paraguay ATN/OC-14437-AR. Interamerican Development Bank. BID
- 2015 Progress of Master Plan for Development of intermodal freight transport for the Macro region of Southwest Europe regions (RESOE). Department of Development and Environment, Community of Castilla y León.
- 2015 Study for the improvement of logistics urban distribution of goods in metropolitan Lima and Callao. Ministry of Transport and Communications of Peru.
- 2014 Diagnosis and Development of interconnection of railway, road, port and logistics logics in the framework of an Atlantic Corridor providing service to Business. Region Aquitaine.
- 2013-2014 Strategy for the promotion and development of Basque Country's intermodal logistic platforms. Regional Government of Basque Country
- 2012 Analysis of the Project of Logistic Activities Area of the Buenaventura Port . Inter-American Development Bank. BID
- 2012 Model Development and Infrastructure Logistics Integrated Transport Corridor E-80: Market Study
- 2012. Model Development and Infrastructure Logistics Integrated Transport Corridor E-80: Infrastructure and Logistics Platforms.
- 2011 Analysis of captured traffic grasped by the Ports of the Autonomous Community of Galicia with the Community of Madrid. Plan of Action .
- 2010 Analysis of the major freight land corridors. The co-modality: Challenges and Prospects. Ministry of Development, General Directorate of Planning.
- 2010 Action Plan for Freight Road Transport Sector in the CAPV. Basque Government.
- 2009 -2010 Strategic plan for promotion of rail freight in Spain. INECO - Ministry of Development.
- 2010 Review of Strategic Intermodal Plan for Infrastructure and Transportation. Ministry of Development
- 2008 Updating of Intermodal Plan of Goods Transport System (PEIT Intermodal). Ministry of Development.
- 2006 Critical elements in intermodal services between the Murcia region and Mediterranean countries. Institute of Development of the Murcia Region.
- 2005 Strategic Plan for Transport in Cantabria. Government of Cantabria.
- 2003 Exploration study on the transport infrastructure in the Basque Eurocity. Eurocity Bayonne-S. Sebastian.
- 2000 Strategic Plan for the city of Ourense. LKS.

### Logistics Strategy – Territorial

- 2020 Institutional promotion of the Northwest Atlantic Platform, of the common Logistics Strategy of the peninsular northwest zone (Galicia, Asturias and Castilla y León) and of the Logistics Strategy of Castilla y León 2020-2028. Junta de Castilla y León.
- 2017 Study on the demand for freight transport and the railway infrastructure capacity in Navarra. General Directorate of Public Works – Regional Government of Navarra
- 2017 Development of the Navarra Logistic Strategy (2018-2028). General Directorate of Public Works - Regional Government of Navarra
- 2014 Identifying document for the Counties Areas of Somontano de Barbastro, Cinca-Medio y La Litera most suitable to implement the appropriate Logistical and Industrial activities in Alternative Routes for the Future development of Railway in the Area. Gobierno de Aragón.
- 2013 -2014 Development of Investment Master Plan (IDP) for the Productive Development Program of the Northeast Region of Brazil (PRODEPRO). BANCO DO NORDESTE DO BRASIL S/A
- 2012 Urban logistics in the city of Barranquilla and its metropolitan area. Strategies and progress of an action plan. The Word Bank
- 2009 Land Model for the Development of the Network of Logistics Areas of Navarra. Agencia Navarra del transport y la Logística (ANL).
- 2009 Redefinition of Strategy and of the Implementation Plan of the CyLoG Network. Government of Castilla y León.
- 2009 Reactivation Plan for the CyLoG Network. CyLoG Association - Government of Castilla y León.
- 2008 Development of a Strategic Plan for the Network of Logistics Platforms in Castilla la Mancha. Phase 1. Castilla-La Mancha Government
- 2008 Bases for the development of the Navarra Agency of Transport and Logistics (ANL). Government of Navarra.
- 2008 Intermodal Plan for the Goods Transport System (PEIT Intermodal). Ministry of Development.
- 2007 Strategic Plan for Logistics Platforms of Galicia. CIISA-Government of Galicia.
- 2006 Strategic Network of Logistics Platforms of Castilla-La Mancha. Government of Castilla-La Mancha.
- 2006 Strategic Plan for Logistics and Intermodality of Navarra. CTP de Pamplona, S.A.
- 2005 Sectorial Territorial Plan for the Intermodal Transport and Logistics Network of the Autonomous Community of the Basque Country. Basque Government.
- 2003 Predimensioning of logistics areas in Euskadi territory. Basque Government.
- 2001-2002 Action Plan for the optimisation of Urban Logistics of the metropolitan area of Bilbao. APARCABISA.
- 2000 Planning for logistics infrastructures in Álava. Regional Government of Álava
- 2000 Economic Development and spacial organisation propoposal for Vigo and its surrounding area Consortium of the Free Trade Zone of Vigo.
- 2000 Coordination of logistics infrastructures in the Sevilla area. Government of Andalucia.



# TEIRLOG INGENIERIA

## ROAD TRANSPORT AND LOGISTICS SERVICES

### Sector Studies

- 2019 Study on the taxation in the rail freight transport. Ministry of development, Ministry of Transport, Mobility and Urban Agency
- 2019 Updating of the Observatories of Costs and Market of the Freight road Transport of Galicia. Xunta de Galicia
- 2019 Study on taxation in the road transport industry and its impact on national and business productivity. General Directorate of Land Transport. Ministry of Development
- 2015 Commercialization systems of companies and transport operators of passengers and freight by road. Ministry of Development.
- 2015 Analysis of the situation of freight transport by road in Euskadi. Basque Government.
- 2012-2013 Observatory of Freight Road Transport in Galicia Government of Galicia
- 2012 Urban logistics in the city of Barranquilla and its metropolitan area. Strategies and progress of an action plan. The World Bank
- 2012 Support for the implementation of TTM in the Spanish market for home delivery. TTM
- 2011 Analysis of the main goods land-corridors. The co-modality: challenges and prospects. Ministry of Development.
- 2011 Opportunities for optimization of transport in the new vehicles logistics Anfac
- 2010 Disintegration of the Transport Sector of vehicles and the Automotive Logistics in Spain. CETM- PVYLA
- 2009 Study of the costs of freight road transport (Costs Observatory). Ministry of Development.
- 2008 Question database for receiving the driver Certificate of Professional Aptitude (CAP). Fabrica Nacional de Moneda y Timbre (FNMT) - Ministry of Development.
- 2007 Strategic Action Plan for Freight Road Transport (PETRA). Ministry of Development.
- 2007 Economic-financial situation of Spanish freight road transport companies from 2003 to 2005. Ministry of Development.
- 2006 Study of the costs of freight road transport in the Community of Madrid. Community of Madrid.
- 2006 Study of the problems of freight road transport in the Port of Santander area. Government of Cantabria.
- 2005 Highway A-4304 enlargement and reinforcing project. A-4304. ARABA Logística.
- 2004 Study of the marketing systems used by freight road transport companies in 2004. Ministry of Development.
- 2004 Studies of Spanish international companies for transport of goods by road. Ministry of Development.
- 2004 Action Plan for the optimisation of Urban Logistics of the metropolitan area of Bilbao. Bibakobo-Aparcabisa.
- 2003 Analysis of Taxation in the road transport sector and impact on the operating systems of the companies. Ministry of Development.
- 2003 Economic Impact Analysis for the Spanish transport sector of goods with the implementation of a tax on the use of infrastructure in Germany. M. Development.
- 2003 Economic Impact Analysis for the Spanish transport sector of goods with the implementation of a tax on the use of infrastructure in France. M. Development.
- 2002 Analysis and quantification of Dangerous Goods Road Transport flows in the Community of Madrid. Community of Madrid.
- 2000 Freight Road Transport in Specialised Vehicles in Spain. Ministry of Development, General Management of Rail and Road Transportation.

### Action Plans

- 2011 Assistance to the Directorate General for Mobility in the Counseling Environment, Land and Infrastructure Works monitoring development and a program of performances in the transport of goods by road 2010-2012
- 2010 Action Plan for Freight Road Transport Sector in the CAPV. Basque Government.
- 2010 Development of Navarra Map for Rest Areas and Heavy Vehicle Parking. Navarra Government.
- 2007 Action Plan for Freight Road Transport. Government of Galicia.
- 2007 Strategic Action Plan for Freight Road Transport (PETRA). Ministry of Development.
- 2000 Assessment of the current transport situation in the Autonomous Community of the Basque Country. Basque Regional Government.





## ROAD TRANSPORT AND LOGISTICS SERVICES

### Logistical Consulting for Businesses, Factories and Operators

- 2013 Global Economic Report of the company: agricultural and forestry services Palomo S.L. Xunta de Galicia
- 2011 Opportunities for optimization of transport in the new vehicles logistics . Anfac
- 2010 Restructuring of transport vehicles and automotive logistics in Spain. Autotransporter CETM Automotive and Logistics
- 2010 Collaboration Plan for Selecting a Logistics Operator for the Operation of the English Court in the City Agrifood Tudela. Agrifood City Tudela, SL
- 2009 Business Plan to develop a temperature-controlled logistics operator on the agrifood town of Tudela. Agrifood City Tudela, SL
- 2007 Study on the optimisation of rail infrastructures for dangerous goods transport. FEIQUE.
- 2005 Business Plan for the enlargement of the logistics activities of GEFCO España. GEFCO España SA.
- 2005 Economic study on services of assistance at road. UNESPA-Sector associations.
- 2004 Catalogue of Good Practices in Freight Transport. AEUTRANSMER
- 2003 Proposal of collaboration to establish a launching model for an integral logistics services business. Fagor Electrodomésticos, S. Coop.
- 2003 Study the establishment of a consortium of transportation of goods in a country in eastern Europe. Express Truck SA
- 2002 Acquisition of a haulage company Enusa. Enusa.
- 2002 Analysis of air freight and logistics operators.. Gefco España, S.A.
- 2002 Optimization of logistic processes of Fagor Automotive. . Fagor Automoción Soc. Coop.
- 2002 Feasibility analysis of the business plan and competitive positioning in the market for a generic company X . Darby Overseas Investments, Ltd.
- 2002 New development model integrated logistics services .FAGOR ELECTRODOMESTICOS. 2002 Mexico Logistics Company . Darby Overseas Investments, Ltd.
- 2002 Optimisation of the telematic system in GEFCO España GEFCO España SA.
- 2000 GEFCO Morocco. GEFCO España SA.
- 2000 GEFCO Freight Forwarders. GEFCO España, S.A.
- 1999 Planning of GEFCO ESPAÑA centres network. Gefco España.
- 1999 Action plan for Plataforma Frigorífica. Plataforma Frigorífica SA.
- 1999 New logistics activities for GEFCO ESPAÑA. GEFCO España SA.
- 1999 Enlargement of activities of EXPRESS TRUCK SA. Enusa.
- 1999 Analysis of the Customer Service Department (CSD) of GEFCO ESPAÑA. GEFCO España SA.
- 1997 Report on the current situation and future perspectives of combined transport in Europe. Getrasa, S.A.



# TEIRLOG INGENIERIA

## RAIL TRANSPORT

### Planning and Studies of the sector

- 2020 Study on taxation in the transport of goods by rail. D. G. Ground Transportation. MITMA
- 2020 Study of the experience in the European Union on the liberalization of railway Public Service Obligations. General Directorate of Land Transport - MITMA.
- 2020 Study of regular transport services for Galician exporters and importers with other parts of Europe and the rest of the world, Clúster da Function Loxística de Galicia
- 2019 Analysis of the rail freight transport demand in Extremadura and in the northwest of Spain. Adif
- 2019 Study of global evolution of freight traffic in the Iberian Ports. European Grouping of Economic Interest for the Pyrenees High Capacity Crossing
- 2018 Study of the cost-benefit effect of the variable width merchandise axis (EAVM) project in the Spanish railway network. Ref. JADPIDI PPTP\_EAVM\_ECB. ADIF.
- 2016 Study to determine the model of analytical accounting who allows to know the costs of the ITU's handling complementary service for submitting its tariff to the CNMC. ADIF
- 2013-2014 Demand study for railway transport of goods & passengers in ECOWAS countries TYPASA- Economic Community of West African States.
- 2012-2014 National strategic study for the rail transport of dangerous goods. Ministry of Development. Directorate General of rail infrastructure. Ministerio de Fomento
- 2013 Effects Mediterranean railway corridor on the economy in the inland regions of the province of Málaga and north of Morocco. MADECA Foundation.
- 2013 Development of Logistics Intermodal Terminal included in the basic freight network of the Strategic Plan for the promotion of rail freight (Cantabria, Aragon, Navarra and Extremadura). Ministry of Development
- 2012 Development and management of documentation for obtaining the license for the company Monbus rail. Monbus
- 2012 Implementation feasibility analysis of rail traffic with Castilla y León and development of collaborative Adif-Cylog. JCYL.
- 2012 Development and implementation of market research and feasibility of the project Iberian rail motorway and business plan development. Renfe.
- 2012 Minimization of border public costs on freight and logistics. Castile and León
- 2009- 2010 Strategic Plan for the Promotion of Rail Freight. INECO - Ministry of Development.
- 2009 Intermodal Rail Strategy for the Government of Castilla y León. Advance Rail Management Plan. Government of Castilla y León.
- 2009 Technical advise for obtaining the License for Rail Freight Business. ALSA Ferrocarril.
- 2009 Comparative study of goods transport by rail costs in Spain, France, and Germany. ANFAC.
- 2009 Inventory of Rail Infrastructures: Spanish situation. Foundation for Spanish Railways - CEDEX.
- 2008 Cost structures for goods transport by rail. ANFAC.
- 2008 Rail wagon fleet in Spain. SAPEC.
- 2008 Definition of a service sample to obtain the Quality Seal for rail transport of new vehicles and parts. Asociación Española de Fabricantes de Automóviles y Camiones (ANFAC).
- 2007 Market study for the optimisation and increase of dangerous goods transport in General Directorate of Goods Services and Goods Logistics. RENFE.
- 2007 Updating of the Action Plan for the increase in the rail transport share in Spanish ports. RENFE.
- 2007 Study on the optimisation of the rail infrastructures for dangerous goods transport. FEIQUE.
- 2005 Market study for the estimation of the rail transport share in Spanish ports, and for the design of an Action Plan for the Business Unit on RENFE Goods for the increase in the share. RENFE.
- 2005 Feasibility study for a new railways operator (EFNC) in phase 1 of the new framework in the rail sector. Confidential.
- 2004 Studies in social and market research (Framework). RENFE.
- 2003 Study on the competence of the Business Unit for Cargo: Analysis of current and potential market shares for freight transport in RENFE complete wagon. Cargo Business Unit, RENFE.
- 2003 Strategic Plan for Rail Transport of Goods in Portugal National Institute of Rail Transport.
- 2001 Analysis of the price of transport of liquid gases and liquids combustible derived from petroleum. RENFE.
- 2001 Market studies of goods transport by rail. RENFE.
- 2000 Study of goods transport by rail in Spain. Ministry of Development.

### Intermodal Transport

- 2016 Cost-Benefit Analysis of the Intermodal Platform of Salamanca - CEF program. ZALDESA
- 2015 "Potentiel et viabilité de développement de services d'autoroutes ferroviaires sur le Corridor Atlantique à court, moyen et long terme". GEIE CFM4
- 2014 Development of a study on the supply of road, rail, sea and intermodal services framed in EFFIPLAT project. AP Pasaia
- 2014 Study and Analysis for the development of the Intermodal Corridor Project CLYMA-Development of axle Madrid-Lyon of the Mediterranean Corridor TEN-T. Port Authority de Barcelona.
- 2014 Fact-finding studies in support of the development of an EU strategy for freight transport logistics - Lot 2-Analysis of the EU combined transport. European Commission.
- 2013-2014 Intermodal logistics terminal development network included in basic goods of strategic plan for the momentum of rail freight (Cantabria, Aragon, Navarra and Extremadura). Ministry of Development.
- 2011 Study to optimize the use of intermodal freight in Andalucía and improving their connection to the central railway line. Ports of Andalucía Agency
- 2011 Analysis of the main goods land-corridors. The co-modality: challenges and prospects. Ministry of Development.
- 2009 Relatives Studies to the development of motorway rail services on the Iberian Peninsula. 2020 horizon. Ineco
- 2009 Technical analysis of the intermodal multi-client offer by Renfe Merchandise. Renfe Operator.
- 2009 Advance of the master plan for intermodal rail transport of Castilla y León. Government of Castilla y León.
- 2004 Update of the basis for the promotion of the intermodality in the Spanish freight transport system. Ministry of Development.



- 2001 Study of the competence of Combined Transport. RENFE.
- 2001 Study on the competence of the Business Unit for Combined Transport: Analysis of prices and fee structures in the freight road transport market for complete cargo. RENFE.
- 2000 Development of Intermodality in Seville. Analysis of the current situation. D.G. Transp. Terrestres. Government of Andalucía.
- 1997 Technical Assistance to GETRASA (TTts. OLLOQUIEGUI) on the development of prototypes and release of bimodal units.
- 1997 Report on the current situation and future perspectives of combined transport in Europe. GETRASA (Ttes. OLLOQUIEGUI) – CONEUROPA – P.A.T.)

## Dry Ports. Rail Terminals.

- 2020 Drafting of development studies for the Lezo Intermodal Terminal (Gipuzkoa). ETS-Euskal Trenbide Sarea
- 2020 Action plan for the development of the Castejón de Ebro Intermodal Terminal (Navarra). Directorate General of Transport of the Government of Navarra.
- 2019 Technical assistance for the establishment of the management model of Adif freight service facilities. ADIF
- 2017 Market study of the logistics platforms and / or railway terminals of Valladolid, León, Burgos and Salamanca. JCYL
- 2017 Rail freight demand prognosis in conventional wagon for Puerto Centro. Port Authority of Tarragona
- 2017 Demand study for rail transport of central area with the hinterland of Tarragona and vice versa, and terminals operation study. Port Authority de Tarragona
- 2017 Demand study for rail transport of central area with the hinterland of Tarragona and vice versa, and terminals operation study. Port Authority de Tarragona
- 2013 Territorial and Urbanistic Fitting Study and the Logistic Market at de Intermodal terminals in Muriedas y Torrelavega. Government of Cantabria.
- 2011 Feasibility Study for Intermodal Terminal Miranda de Ebro. Miranda del Ebro Logistics Center
- 2011 Business Plan of the dry Port in Monforte de Lemos. Government of Galicia
- 2008 Action Plan for the construction and operation of the Intermodal Terminal at Arasur. ARABA Logística.
- 2008 Strategic Plan for Merchandise Terminals of ADIF.
- 2008 Management Plan for the Noáin Terminal (Navarra). ADIF Merchandise Terminals.
- 2008 Management Plan for the Terminal of Vigo-Guixar (Vigo). ADIF Merchandise Terminals.
- 2008 Feasibility Study and design of a Dry Port in Hellín. Finance Institute of Castilla-La Mancha.
- 2008 Strategic Plan of the Dry Port of Madrid: Intermodal Maritime center in the Peninsula. Dry Port of Madrid, SA
- 2007 Business Plan for the Intermodal Terminal of the Logistics Platform of the Ciudad Real Airport. Ciudad Real Airport.
- 2006 Bases for a Marketing Projection Strategy for the Merchandise Terminals of RENFE. ADIF.
- 2006 Possible locations for the Intermodal Terminal of ARASUR and documentation for subsidies from the EU. ARABA Logística.
- 2005 Business plan for the Intermodal Terminal of ARASUR. ARABA Logística.
- 2002 Functional organisation and enlargement of the Dry Port of Coslada. Puerto Seco de Madrid.
- 2002 Draft of the Transport Centre and intermodal rail terminal sector project in S. Cibrao das Viñas. Xestur Ourense.
- 2001 Strategic Plan and Business Plan for the Dry Port of Madrid. Puerto Seco de Madrid, S.A.
- 2001 Feasibility and functional organisation of the Dry Port of Venta de Baños. Port Authority of Gijón.
- 1999 Complementary Activities of the Dry Port of Madrid Coslada. Dry Port of Madrid-Coslada.

## Infrastructure Analyses

- 2020 Study on the improvement of connections between the railway networks of the Iberian Peninsula and with the rest of Europe. Alta Velocidad (High Speed) Spain-Portugal AEIE (AEIE AVEP)
- 2020 Feasibility study for the modernization of the railway infrastructure in the port of Constanza - Ref. 11054529/2018/1007499 ACCIONA Ingeniería,
- 2019 Presentation on the current situation and the necessary actions for the Galician railway network in the Atlantic corridor scope. Xunta de Galicia
- 2019 Feasibility study and alternatives for a railway line between the multimodal terminal of Júndiz and the Foronda airport. ETS-Euskal Trenbide Sarea
- 2016 Feasibility study for the reopening of the Madrid-Aranda de Duero-Burgos railway line. Civil Society Infrastructure and Environment of Castilla and Leon
- 2004 Feasibility study of the Madrid-Burgos rail line. Burgos Chamber of Commerce.
- 2002 Commercial feasibility of construction of rail access to ENDESA-PUERTOS/ACERINOX. Renfe.
- 2002 Characteristics of the rail infrastructure for merchandise transport. Basque Government.
- 2001 Commercial feasibility of construction of a rail penetration to the south of the Port of Castellón and the Industrial Zone. RENFE.
- 2001 Demand and profitability study on the alternatives for improving the Madrid-Cáceres- Badajoz rail route. Madrid-Cáceres-Badajoz. Ministry of Development.





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## AIR CARGO

### Studies on Air Cargo and Airport Strategy

- 2008 Ciudad Real Airport: Market Analysis. Ciudad Real Airport.
- 2008 Functional and business plan for an Economic Activities Complex (CAE) in the Castellón Airport. Castellón City Government.
- 2005 Development scheme for an Airport Activities Park in the Valencia Airport. Multiple clients.
- 2006 Development scheme for an Airport Activities Park in the Bilbao Airport. Multiple clients.
- 2003 Study on the development of activities and their infrastructure in the Aircraft Service Area and the Service Area of the New Terminal Area of Madrid-Barajas Airport. AENA.
- 2002 Planning for the Logistics Complex environment at the Ciudad Real Airport. Ciudad Real Airport.







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## PASSENGER TRANSPORT

### Planning and Organization of Urban and Interurban Transport

- 2016 Study for the implementation of a new fare model system in Bizkaia, prior analysis to the current one. Assessment of the alternatives to it, quantification and impact of its implementation in Bizkaia Historical Territory.
- 2012 Definition of certain technical conditions for implementation of the Plan for Modernization of public transport concessions permanent regular people in general use by road Galicia. Xunta de Galicia
- 2010 Development and concrete proposals for improvement of the Public Transport Network of Vigo. Vigo City Government.
- 2009 Analysis of the public transport service at the Lagoas-Marcosende University Campus. Vigo City Government.
- 2009 Modernization of the public transport collective in the Gallegas Metropolitan Areas. Government of Galicia.
- 2009 Action plan for the optimization of urban passenger transport in Vigo. Vigo City Government.
- 2009 Transport plan for the Technology and Logistics Park of Valladares. Vigo City Government and the Free Trade Consortium of Vigo.
- 2008 Integrated development of the future bus station of Valladolid in the intermodal passenger station. Government of Castilla y León.
- 2007 Service contracts for staff transport to centres, departments, and services of the University of Oviedo. University of Oviedo.
- 2005 Complementary study on passenger transport in the city of Vigo. Government of Galicia.
- 2005 Improvement in the interurban public Road transport collective in the Málaga area. Transport Consortium of the Málaga area.
- 2004 Coordination Plan for Urban and Interurban Transport in Galicia. Government of Galicia.
- 2003 Technical support in the contract bidding for transport services to staff centres, departments, and services of the University of Oviedo. University of Oviedo.
- 2002 Study on the public passenger transport network of Gipuzkoa. Regional Government of Gipuzkoa.
- 2002 Design and implementation of a Coordination Plan for Urban and Interurban Transport in the Seven Main Urban Communities of Galicia. Government of Galicia.
- 2002 Social and economic impact of passenger transport in the regular lines in Álava. Regional Government of Álava.
- 2001 Analysis of the Bus Passenger Transport Network of the Regional Government of Álava (update). Regional Government of Álava.
- 2001 Updating of the Analysis of the Bus Passenger Transport Network of the Regional Government of Álava. Regional Government of Álava.
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- 2001 Analysis of the Passenger Transport Network in the Regular Lines of Álava. Regional Government of Álava.
- 2000 Gipuzkoa travellers. MECSA.

### Sector and Territorial Strategy and Planning

- 2007 Support and collaboration in the execution of the Plan for Action Lines of Bus Transport (PLATA). Ministry of Development.
- 2006 Review of the Strategic Plan for modernization of the Network of Bus Stations in Castilla y León. Government of Castilla y León.
- 2003 Toll structures for Interurban Road Passenger Transport in the Licenses Under the competence of the Regional Government of Gipuzkoa. Regional Government of Gipuzkoa.
- 2003 Transport Plan for Individual Public Transport in the Historic Area of Álava. Regional Government of Álava.
- 2002 Action Plan in the Passenger Transport Sector by Bus (PLATA). Ministry of Development.
- 2000-2001 Diagnosis of the Transportation Situation of the Basque country. Basque Government.

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## PASSENGER TRANSPORT

### Operators Consulting

- 2014 Development of the Tender for the proposal: Public Service Management of intercity general passenger transportation in Alava Province. AR-03 Rioja Alavesa. Globalia Autocares y Autoyon, S.L.
- 2012 Development and management of the documentation to obtain the business license by Monbus railway. Monbús
- 2010 Support during the Development of the technical offer for the internal service transportation at the MADRID- BARAJAS Airport
- 2009 Obtaining the Rail Freight Business License. ALSA Ferrocarril.
- 2007 Analysis of the Avanza Group in the current and future passenger transport market. ADVENT International Corporation.



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### MANAGEMENT OF TECHNICAL CONFERENCES AND SEMINARS

- 2018 Presentation Rail freight transport in Navarra. Current situation, future scenarios. Chamber of Commerce Navarra-FAP
- 2015 Conference Forum analysis of urban logistics of goods in Lima & Callao. Foundation Transitemos.
- 2012-2015 Annual Conference Organization of the Spanish Association for the Promotion of Short Distance Maritime Transport. (Madrid, Gijón, Alicante, Vigo)
- 2018 Organization of 5 Training programs for the Transportation sector over maritime-terrestrial intermodality. Shortsea promotion Center of Spain.
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- 2016 Organization of 6 Training programs for the Transportation sector over maritime-terrestrial intermodality. Shortsea promotion Center of Spain
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- 2014 Organization of 4 Training programs for the Transportation sector over maritime-terrestrial intermodality. Shortsea promotion Center of Spain.
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- 2006 Motorways of the Sea as a complement to land transport. AEUTRANSMER
- 2002-2005 Conferences and Transport and Logistics Courses. AEUTRANSMER
- 2002-2003 Management of Technical Conferences of FITRANS. Fitrans-Feria Internacional of Bilbao.
- 2001 Management of Technical Conferences of NORTRANS. NORTRANS.
- 2000-2001 Management of Technical Conferences of FITRANS. Fitrans-Feria Internacional of Bilbao.
- 2000 The current situation and trends in logistics services. Government of Andalucía.



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## OUR CLIENTS





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## OUR CLIENTS:



Agencia Pública de Puertos de Andalucía  
CONSEJERÍA DE OBRAS PÚBLICAS Y VIVIENDA



Ports de Balears

Autoritat Portuària de Balears



Pasaiko Portua Agintaritza  
Autoridad Portuaria de Pasaia



Puerto de la Bahía de Cádiz

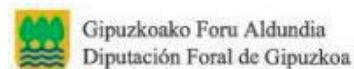
Autoridad Portuaria de la Bahía de Cádiz



bizkaiko garraio partzuegoa  
consorcio de transportes de bizkaia



Puerto de Huelva



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