



COMPANY PROFILE



SPT
S.R.L.

Studi e
Pianificazione
del Territorio

Company Presentation

International, Technical and Economic Cooperation



Who we are

SPT (Studi e Pianificazione del Territorio srl) is a dynamic Italian Consulting company based in Roma with 40 years' experience in the field of planning and engineering studies, acquired through a continuous process of assignments given by prominent international and national institutions for the territorial development in different parts of the world.

SPT collects the professional experience and know-how of experts in different sectors related to territory comprehension and design (Infrastructure Engineering; Sustainable Transport & IT Innovation, Economic Development plans; Urban Mobility Plans; Asset management systems; Logistics and Trade & Transport Facilitation; Environmental & Climate Change Studies; Economic and Social Analysis; PPP financing; Project Evaluation and Monitoring).



SPT operates according to a quality system that is certified ISO 9001/2008 by document n. 72003-2010- AQ-ITA-SINCERT released, controlled and updated every year.

What we do

SPT has completed important projects/studies in different parts of the world regarding Civil Infrastructure Design & Supervision; Transport Planning; Sustainable Urban Mobility; Logistics and T&T Facilitation; Rural Development; Social, Environmental, Eco-Fin Investment Evaluations.

How we do

SPT can carry out sectoral or integrated consulting services in the different phases of: Identification, Preparation, Evaluation and Implementation of Territorial Projects, using innovative and updated know-how and assuring constant technical assistance, training and technology transfer.

Sector of Activities



INFRASTRUCTURE DESIGN AND SUPERVISION

- Transport Infrastructures: roads, railways, airports and ports
- Energy networks: gas, electricity and public lighting
- Hydraulic Networks: water supply, drainage and sewage
- Urban & Industrial Waste Treatment
- FIDIC Model for Road Construction
- Supervision of Construction and Maintenance Works



TRANSPORT PLANNING

- Urban, Regional and National Transport Plans
- Transport Regulation and Institution Studies
- Artificial Intelligence & ICT application in Transport Planning and Road Safety
- Transport Sector Studies
- Public Transport Management and Organisation
- Rural Sustainable Transport



ECONOMIC FINANCIAL STUDIES

- Economic Feasibility Studies
- Road Asset Management System (RAMS)
- PPP, Project Financing and Concession/BOT Studies
- Financial Analyses, Business Plans
- Legal/Financial Advisory
- Performance-Based Contracts (PBCs)



URBAN TRANSPORT SOLUTIONS

- Green Cities
- Smart City & Smart Mobility
- Pedestrian & Cycling
- Sustainable Urban Mobility Plans (SUMPs)
- Urban Regeneration plans
- Transit Oriented Development (TODs)



LOGISTICS

- Supply chain management
- International Trade Corridors
- International Multimodal Transport
- Custom Regulation Improvements
- Trade & Transport Facilitation
- African Continental Free Trade Agreement Application



SOCIAL & ENVIRONMENTAL STUDIES

- Environmental and Social Impact Assessment (ESIA)
- Poverty Assessments and Resettlement Action Plans
- Gender Studies
- Disaster Risk Management
- Climate Change Adaptation Strategies
- Energy transition and De-carbonization in Transport

Countries

Due to 40 years of business activity, SPT has acquired experience in four continents:



Europe

- Albania
- Austria
- Belarus
- Bosnia Herzegovina
- Bulgaria
- Croatia
- France
- Germany
- Hungary
- Italy
- Macedonia FYROM
- Malta
- Moldova
- Poland
- Romania
- Russian Federation
- Serbia
- Ukraine



America

- Argentina
- Bolivia
- Brazil
- East Caribbean
- Haiti
- Honduras
- Panama
- Paraguay
- Peru
- Venezuela





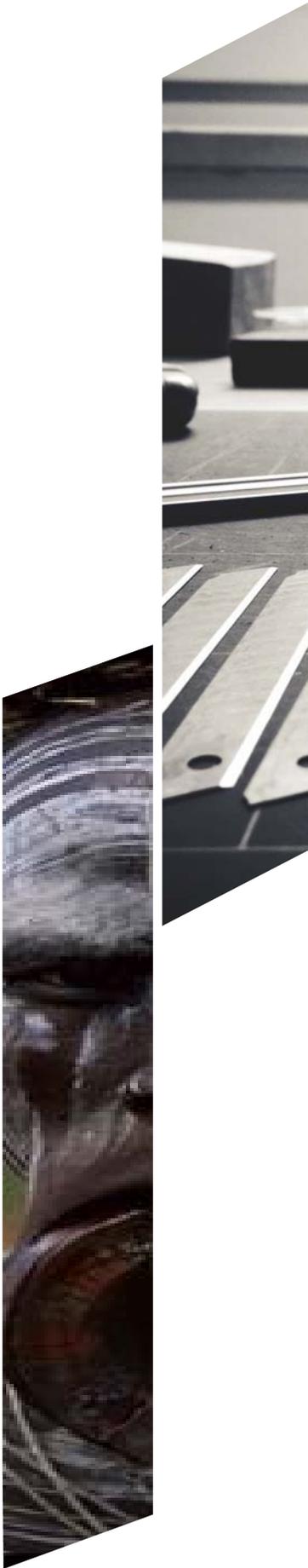
Africa

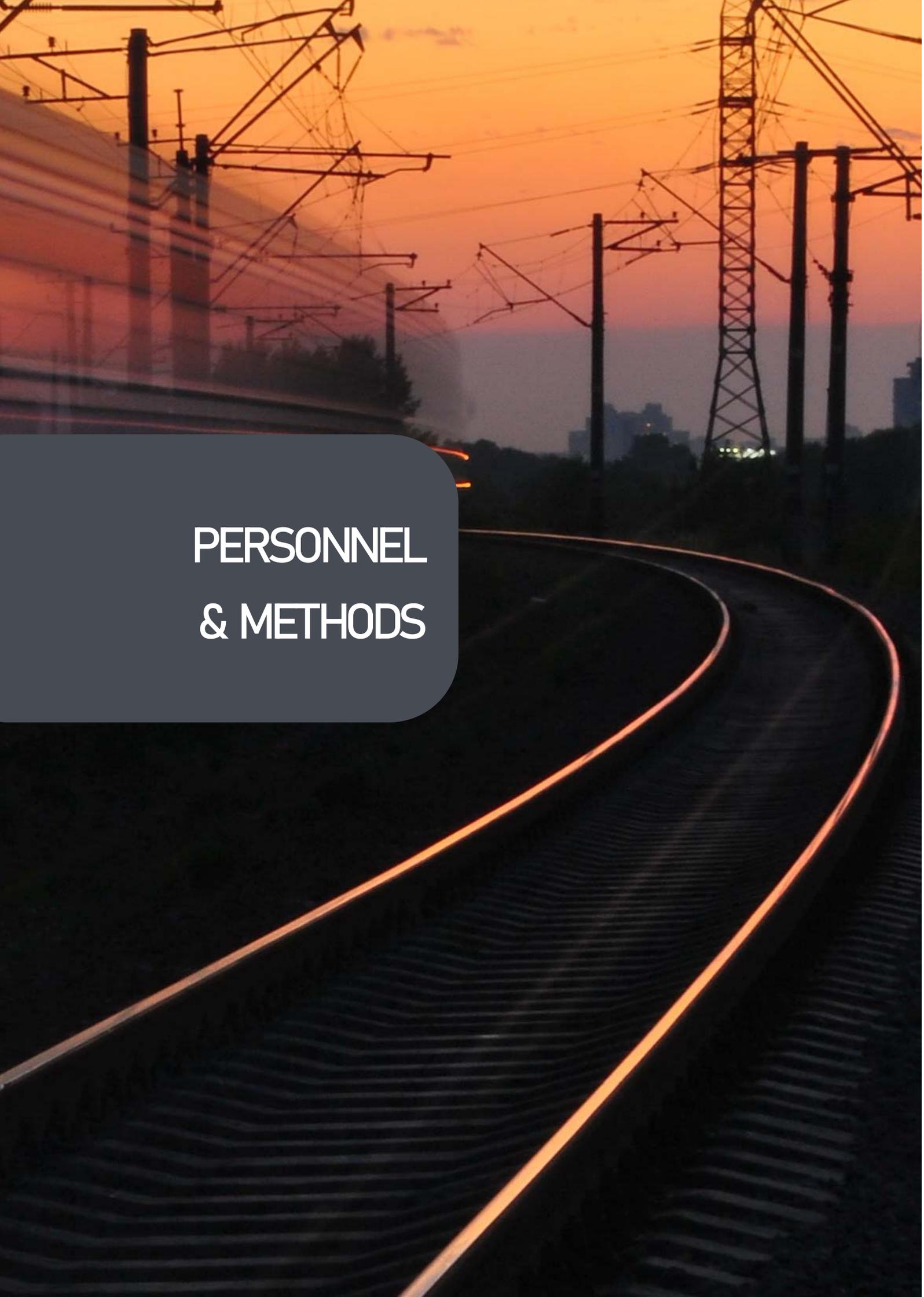
- Algeria
- Angola
- Botswana
- Burkina Faso
- Burundi
- Cameroon
- Cape Verde
- Comoro
- Congo
- Djibouti
- Egypt
- Eritrea
- Ethiopia
- Gambia
- Ghana
- Guinea
- Kenya
- Libya
- Malawi
- Mali
- Mauritius
- Morocco
- Mozambique
- Namibia
- Niger
- Nigeria
- Rwanda
- SADCC Countries
- Sahelian Countries
- Senegal
- Tunisia
- Tanzania
- Uganda
- Zambia
- Zimbabwe



Asia

- Afghanistan
- Armenia
- Azerbaijan
- Georgia
- Iran
- Jordan
- Kazakhstan
- Kurdistan
- Lebanon
- Saudi Arabia
- Turkey
- Vietnam





**PERSONNEL
& METHODS**

Key Personnel

Name	Specialisation	Degree	Languages
Sergio Polizzotti	Transport Economist	Civil Engineering, Economy	It/E/F/S/P
Aldo Coltellacci	Environmental Expert	Architecture	It/E/F/S
M. Adelaide Polizzotti	Economic/Financial Analysis Expert	Architecture	It/E/F
Marco Pascucci	Transport Engineer	Traffic Engineering	It/E/S
Guido Bonin	Transport Engineer / Country Manager Kazakhstan	Transport Engineering	It/E
Ulisse Rendina	Traffic Engineer, Road Safety	Traffic Engineering	It/E
Marita Bernrath	International Business Developer	Geography	It/E/G/F
Lorenzo Carapellese	Urban Planner	Urbanism	It/E/F/P
Bruna Kohan	Territorial Economist	Architecture	It/E/F/S
Massimo D'Amadio	Road Designer	Road Engineering	It/E/F
Ivo Toniut	Procurement Expert - Country Manager Afghanistan	Surveyor, Building Design	It/E/Ro/P/Ru/Tj
Nino Polizzotti	Social Economist	Development Economics	It/E/F/S/P
Carlo Tersigni	Geologist	Geology	It/E/F
Fekere Kebede Mamo	Country Manager / Ethiopia	Civil Engineer	E/Am

E = English F = French S = Spanish P = Portuguese G = German It = Italian Gr = Greek
 Ar = Arab Ro = Romanian Am = Amharic Ru = Russian Tj = Tajik

Permanent Personnel

Name	Specialisation	Degree	Languages
Francesco Angelelli	Transport Modeller	Transport Engineer	It/E/S
Giansante Bonin	Highway Engineer	Civil Engineering	It/E/F/S
Stefano Braut	Railway Engineer	Civil Engineer/Law	It/E/F
Davide Busetto	Building Engineer	Civil Engineering	It/E
Graziano Capitini	Parking Expert	Architecture	It/E
Bruno Cutruzzullà	Geologist	Geology	It/E
Danilo Desiderio	Custom Expert	Law	It/E/F
Roberto Durero	Financial Analysis	Economics	It/E/F/S
Giovannella D'Andrea	Legal Expert	Law	It/E/F/S/P
Nicola Folino	Systems Expert	Informatics	It/E/F
Michele Grimaldi	Tourism Development Expert	Architecture	It/E/F
Saifullah Khan	Quantity Engineer	Civil Engineering	It/E/F/Persian
Giorgio Liverani	Topographer	Topography	It/E/F
Giuseppe Loprencipe	Pavement Expert	Civil Engineering	It/E/F
Raffaele Lorusso	Railway Engineer	Civil Engineering	It/E/F/S
Massimo Marconi	Urban Transport Expert	Mechanical Engineering	It/E
Andrea Parboni Arquati	Supervision Expert	Mechanical Engineering	It/E/S/F/G
Paolo Rodighiero	Mass-Transit Specialist	Civil Engineering	It/E/F/P
Cesare Oliviero Rossi	Bitumen Expert	Geology	It/E/F
Cataldo Pentassuglia	Quality Expert	Geology	It/E/F/Ar/Ro
Cesare Trombetta	Tunnel Expert	Civil Engineering	It/E/F
Cecilia Zironi	Architect	Architecture	It/E/S

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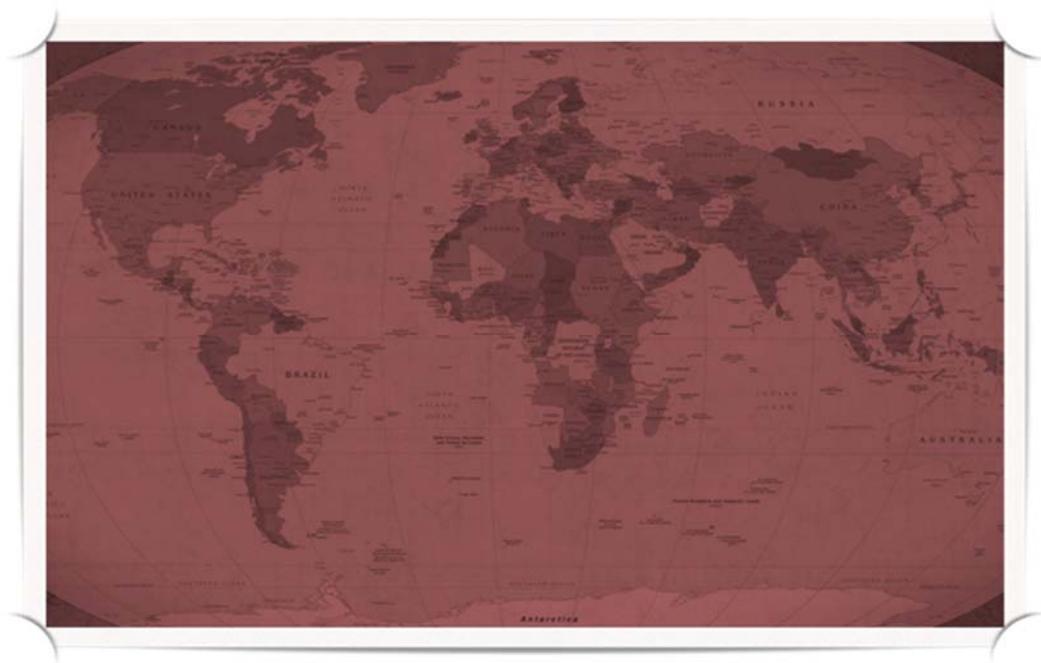
Computer Models Library

PLANNING	The most updated software tools are used by SPT for territorial planning (energy, water and transport/traffic networks):
TRANSCAD	GIS Model for generation, distribution and assignment of traffic
CROSS	Model for calculation of hydraulic and gas distribution networks
QRS	"Quick Response System" - Model for traffic volumes assignment in urban areas
ASTRA	Model for traffic assignment on the regional transport network
DBTrasp	Transport Sector Data Base including traffic volumes and composition, O/D matrix, infrastructure standards, vehicle operating costs, time cost, inputs for assignment
EQUIV	Model for the calculation of the "Equivalence Factors" of heavy vehicles in different road conditions in function of technical-geometrical characteristics
SIDRA	Model for signalized and un-signalized intersection research aid
TRANSYT	Model for traffic synchronization on signalized intersections
OPEN TRACK	Model for railway operation planning
FINANCING	Economic and Financial Analyses are carried out using widely tested internal models and international standard applications, like:
BUSINESS	Model for financial evaluation of projects (Project Financing) Cash flow, Income Statement, Resources and Application of Funds, Balance Sheet etc.
CRYSTAL BALL	Forecasting and risk analysis applied to Cost-Benefit analyses
HDM IV	World Bank procedure for road investment evaluation and rehabilitation /maintenance programming
IROR	Model for the economic evaluation of investment projects through the most relevant feasibility parameters: IRR, NPV, Return Period, Optimal Opening Year, Benefit/Cost Ratio, Sensitivities Analysis
VOC	Model for the Calculation of the Generalized Vehicle Operating Costs, following the IBRD procedures, but flexible to local technical adjustments

CIVIL WORKS

Civil Works design and supervision are supported by different design models, like:

CIVIL DESIGN	GIS Model for generation, distribution and assignment of traffic
DIGICORP	Program for road design and calculation, including geometric components, earthworks and estimated metric calculations
FERRO	Complete procedure for railway design
SITE	Model for site quantities and cost calculations
STRADE 6	Complete procedure for automated road design from alignment to earthworks and bill of quantities
STRUCT	Package for structural analysis calculation (reinforced and pre-stressed concrete)



A long-exposure photograph of a highway at night, showing vibrant light trails from cars. The trails are primarily yellow and white, curving through the frame, with a prominent red trail on the right side. The background is dark, making the light trails stand out.

**MAIN
ASSIGNMENTS
TODAY - 2000**

Main Assignments

- | | | |
|-------------|--|---------|
| 2022 – 2023 | <p>Implementation of the Eastern Corridor Road Development Programme</p> <p><i>Ministry of Roads Ghana and Ghana Highway Authority/Financing: AfDB</i></p> <p>The Study consisted of an assessment of trade and transport facilitation activities along the Eastern Corridor Road in Ghana. It included assessing the conditions of transit trade procedures, facilities, and infrastructure along the entire corridor to determine their effectiveness in facilitating transit trade. The goal is to establish a baseline situation for monitoring transit trade and transport facilitation along the Eastern Corridor and provide recommendations for potential improvements, including options and associated costs.</p> | Ghana |
| 2022 – 2023 | <p>Preparation of Armenia Lifeline Roads Network Strategic Development Plan 2022-2026</p> <p><i>Armenia Road Department Fund/Financing: World Bank Group</i></p> <p>The strategic study for the Armenian Road Networks focuses on several key objectives. First, it aims to define an updated definition of the national Lifeline Road Network (LRN) to be officially approved by the Government through a decree or regulation. Additionally, the study aims to develop an action plan and a financing plan for the rehabilitation and maintenance of the next phase of the World Bank lifeline roads project 2022-2026. This plan aims to enhance accessibility to economic, social, and health infrastructure and services, reduce transportation costs, contribute to poverty reduction, and ensure the sustained maintenance of the LRN.</p> | Armenia |
| 2022 – 2023 | <p>Uganda Road Sector Development Programme (RSDP3)</p> <p><i>Uganda National Road Authority – UNRA/Financing: AfDB</i></p> <p>The overall objectives of this study were to: Evaluate the implementation, performance and impact of the Third Phase of the Road Sector Development Programme (RSDP3) and the investment undertaken between 2012 and 2019; to evaluate the impact of institutional reforms; and to update the third phase of the road sector development program (RSDP3) to cover a revised 10-year timeframe (RSDP4).</p> | Uganda |

2022 – 2023	<p>EBRD - Framework for Sustainable Mobility & Access to Road Transport (SMART)</p> <p><i>Sibiu Municipality/Financing: EBRD</i></p> <p>The project consisted in Development and implementation of a RAMS (Road Asset Management System) for the city urban roads: The overall objective of this assignment is to ensure road sector sustainability and provide an objective basis for road sector funding, via the development and implementation of a RAMS (Road Asset Management System) - an asset management tool for adequate inventory and multi-annual planning of road maintenance and rehabilitation. Staff from the Sibiu City roads (and other relevant) departments were trained with the rationale and techniques of a RAMS, by adopting and implementing the system in a pilot trial.</p>	Romania
2021 – 2022	<p>Feasibility study for rehabilitation and road safety improvements of M1 Highway</p> <p><i>RUE Minskavtodor-Center – Republic Unitary Enterprise of Automobile Roads</i></p> <p>The project consisted in carrying out the feasibility study for the rehabilitation and road safety improvement of sections of the M-1/E30 road from Brest (Kozlovichi-Polish border) to the Russian border (Redki); including collecting and analyzing initial data, preparing a project description, determining calculation methodology and software, creating a project implementation plan, developing a financial project plan, and conducting economic and financial assessments.</p>	Belarus
2021	<p>Integrated Urban Upgrading of Gjirokastra</p> <p><i>Albanian Development Fund-Project for Integrated Urban and Tourism Development/Financing: Albanian Development Fund</i></p> <p>The consultancy service for the Integrated Urban Upgrading of Gjirokastra project involved the development of a Mobility Plan and Detailed Design of Project Investments. The scope of work and objectives of this service included:</p> <ul style="list-style-type: none"> – Conducting a mobility assessment in the study area and creating a mobility plan, including practical and cost-effective measures to address the identified urban transport mobility challenges. – Identifying and prioritizing a cohesive investment program for Years 2-5. – Developing preliminary designs, guidelines, and preliminary cost estimates for the investment projects selected for PIUTD financing. 	Albania

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| 2021 – 2023 | <p>Consultancy Services for Feasibility Studies for the Commuter Rails (Katutura-Windhoek and Rehoboth-Windhoek)</p> <p><i>Namibia Ministry of Public Works and Transport/Financing: African Development Bank</i></p> <p>Management of an international call for proposals for public and private investors, evaluate the results and recommend on the most appropriate institutional, financial and technical arrangements for the implementation of commuter rail services in Windhoek and between Windhoek and Rehoboth.</p> | Namibia |
| 2020 - 2022 | <p>National Integrated Transport Master Plan Study</p> <p><i>Ethiopian Roads Authority/Financing: European Union</i></p> <p>Consulting Services for National Integrated Transport Master Plan Study and Enhance Sector Capacity in Planning and Research & Development.</p> <p>The main objective of the consultancy service was to develop the Ethiopia National Integrated Transport Master Plan, covering all modes of transport (roads, railways, aviation, inland water, logistics and urban mobility for the next 30 year (2021 - 2050), The Plan was formulated on the base of a detailed assessment of the existing national transport network and the results of a comprehensive analysis of the gaps, as well as the relevant national policies, strategies, and macroeconomic long terms perspectives for the country.</p> | Ethiopia |
| 2020 - 2021 | <p>Elaboration of the SMART Study Report “Sustainable Market Access for African Road Transport</p> <p><i>African Development Bank</i></p> <p>The SMART (Sustainable Market Access for African Road Transport) study is aimed at analysing the main regulatory and non-physical barriers that impede a streamlined movement of vehicles and goods within and between the different Regional Economic Communities (RECs) in Africa, and at providing recommendations in order to increase efficiency of cross-border road transport, reduce its costs, and maximize the economic benefits of the transport infrastructure, in view of reducing the cost of trading across borders. An assessment of the existing main transport and road corridors in Africa, with a description of each corridor, of cargo volumes, time & cost of transport and the applicable road transport regulation was also carried out in the study.</p> | African
Continent |

2020 - 2022	<p>CAREC Corridors 1 and 6 (Aktobe–Makat) Reconstruction Project</p> <p><i>The Roads Committee of the Ministry of Industry and Infrastructural Development - Kazakhstan</i></p> <p><i>Financing: Asian Development Bank</i></p> <p>Development and Implementation of a Road Construction Executive Model (RCEM), based on Fidic and national civil works regulations for the: CAREC Corridors 1 and 6 (Aktobe–Makat). The RCEM model is an information system that includes people, processes, procedures and various software and hardware used to produce the desired results.</p>	Kazakhstan
2018 - 2020	<p>EBRD Framework - Corporate Improvement of the Public Transport Operator TURSIB S.A.</p> <p><i>Sibiu Municipality/Financing: EBRD</i></p> <p>The aim of the project was to enhance the effectiveness and operational performance of the public transport in Sibiu by improving the corporate management of the transport operator, TURSIB S.A. This has been achieved through the following actions:</p> <ul style="list-style-type: none"> – Updating and expanding the public transport plan, which includes revising routes and timetables. – Developing a new Public Service Contract (PSC) for TURSIB that aligns with relevant EU and national regulations. – Providing support to TURSIB in the development of services and improved operational efficiency, based on the guidelines outlined in the PSC and the updated public transport plan. 	Romania
2018 - 2020	<p>EBRD - Benchmarking and Funding Strategy</p> <p><i>Romania Ministry of Transport/Financing: EBRD</i></p> <p>The overall objective of the project was the promotion of improved performance and funding of public transport and road infrastructure sectors, through development of benchmarking, exchange platforms and technical support. This exercise was supposed to increase transparency, resulting in an effective operational tool for monitoring performance and encouraging improved performance in the sector. Regarding benchmarking, this assignment focused on the urban public transport side. In total 8 public transport operators and the related municipalities were involved in the pilot benchmarking exercise</p>	Romania

2018 - 2020	<p>Feasibility Study for the modernisation of the Trans-Maghreb railway</p> <p><i>UMA - Arab Maghreb Union</i></p> <p>The objective of the study was to define the actions to be undertaken for the total modernisation of the Trans-Maghreb railway link between Casablanca – Algiers and Tunis through a feasibility study to present all the elements necessary to take investment decisions. These actions relate in particular to the sections: In Morocco: Fez – Oujda (354 km); between Oujda in Morocco and Akid Abbas in Algeria (17 km); between Annaba in Algeria and Jedeida in Tunisia.</p>	Maghreb Countries
2018 - 2019	<p>Feasibility study, ESIA and Detailed Design of the Gyumri Bypass and Gyumri-Bavra Road section.</p> <p><i>European Investment Bank</i></p> <p>Technical assistance for the feasibility study, environmental/social impact assessment and detailed design of the Gyumri Bypass and Gyumri-Bavra Road section.</p>	Armenia
2018 - 2020	<p>Ukraine Road Sector Development Program</p> <p><i>Ukraine State Road Agency/Financing: The World Bank</i></p> <p>Elaboration of a Feasibility Study for the development of a transport corridor along the route Lviv-Ternopil - Khmelnytskyi - Vinnytsia - Uman - Kropyvnytskyi - Mykolaiv - Kherson.</p> <p>Activities included:</p> <ul style="list-style-type: none"> a) Preliminary Data collection, traffic surveys and engineering surveys b) Technical and economic analysis c) Environmental and social impacts assessment d) Design documents for submission for expert review and e) Construction cost calculation and investment efficiency rating. 	Ukraine
2017 - 2019	<p>Agadir - Laayoune (700 km) High Speed Railway</p> <p><i>Office National Chemin de Fer (ONCF) du Maroc/Financing: ONCF</i></p> <p>Preliminary Design and Financial & Economic Feasibility Study and PPP Analysis for the Agadir - Laayoune (700 km) High Speed Railway.</p> <p>The Study included social and gender analysis for the villages involved in the project.</p>	Morocco

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| 2017 - 2019 | <p>Trade & Transport Facilitation Service between Kenya and Ethiopia</p> <p><i>Ethiopian Roads Authority/Financing: AfDB</i></p> <p>Preparation of the legal, institutional and technical arrangements for the creation and operation of One-Stop-Border Posts (OSBP) and trade and transport operations on the corridor. Activities included the examination of the performance of trade supply chains to identify procedures, regulations that incur unnecessary costs and delays and increase uncertainty and insecurity, in order to reduce trade transaction costs and design series of measures to improve the performance of the supply chain on the Mombasa - Nairobi-Addis Ababa Road corridor linking Ethiopia & Kenya.</p> | Ethiopia |
| 2017 - 2019 | <p>Consulting Services for Road Data Collection Surveys and Analysis for Maintenance Planning of Kostanay province</p> <p><i>Asian Development Bank</i></p> <p>Consulting Services for Road Data Collection Surveys and Analysis for Maintenance Planning: (i) Provide baseline condition indicators for the OPBRC, (ii) Provide all the required information for the HDM-4 analysis of the road network, (iii) provide the required inputs for the Road Asset Management being developed for Kazakhstan, and (iv) verify the proposed scope of work and provide a cost estimate for the entire project.</p> | Kazakhstan |
| 2016 - 2017 | <p>Road-Rail Bridge between Brazzaville and Kinshasa and Design for Kinshasa - Ilebo Railroad</p> <p><i>Italferr for ECCAS- Economic Community of Central African States/Financing: AfDB</i></p> <p>Consultancy Services for the Review of Detailed Design of the Road-Rail Bridge between the cities of Brazzaville and Kinshasa and Preliminary Design for the extension of the Kinshasa - Ilebo Railroad.</p> | Congo |
| 2016 - 2017 | <p>Upgrading of Turbi-Moyale (A2) Road Project</p> <p><i>Kenya National Highways Authority/Financing: AfDB</i></p> <p>Consultancy Services for Trade and Transport Facilitation for Mombasa-Nairobi-Addis Ababa Road Development Project Phase III: Upgrading of Turbi-Moyale (A2) Road PROJECT.</p> <p>The overall objective of the Trade & Transport Facilitation component was to develop streamlined logistics systems that reduce time and cost and increase reliability and predictability of shipments, through the implementation of a successful One-Stop-Border-Post (OSBP) on the road corridor which is expected to reform and modernize border management institutions.</p> | Kenya |

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| 2016 - 2019 | Edea-Kribi, Douala-Limbe and Ngaoundere-Douala Railway Itineraries
<i>Cameroon - Ministry of Public Works/Financing: Gov. of Cameroun</i>
<p>Feasibility, including a technical study, a socio-economic and an environmental study of Edea-Kribi (Lot 1) and Douala-Limbe (Lot 2) railway lines. The technical study analysed several development variants of the railway lines, and proposed to stakeholders a solution on the basis of a multi-criteria analysis that has then been subject to validation by the Railway Commission Cameroon of Chad. The project included all research on and collection of necessary data, in order to achieve technical, economic, institutional, financial, environmental and social studies, including gender and poverty reduction issues.</p> | Cameroon |
| 2016 - 2017 | Analysis of Climate Risks in Transport Infrastructures in the Western Balkans
<i>EBRD - Central European Initiative</i>
<p>Analysis of the existing evidence of changing weather patterns and assessment of their impact on road transport infrastructure. Critical areas of focus for transport planners and transport operators were identified and appropriate interventions indicating investment requirements and potential institutional and organisational arrangements needed to reduce climate risks, mitigate the effects of climate change and maximise the economic return for local communities.</p> | Western Balkans |
| 2015 - 2017 | Preliminary designs and studies for specific railway sections on Corridor VC
<i>European Union</i>
<p>Provision of preliminary designs and studies for specific railway sections on Corridor VC in Bosnia Herzegovina: Acceleration of activities on the implementation of the Corridor VC and SEETO Comprehensive Network.
 The Study provided inputs and enable overhaul of railway sections of Samac-Doboj, Maglaj-Jelina and Zenica-Podlugovi.
 Preliminary studies and designs for overhaul of the specific railway sections of the Corridor VC, including track, electric traction powering facilities, catenary, telecommunication systems and SS devices were also delivered.</p> | Bosnia Herzegovina |
| 2015 - 2017 | Connection between Al Muzahimiyah-Al Rain/Bisha and Al Qassim Road
<i>Saudi Ministry of Transport</i>
<p>Feasibility study and detailed design of the new connection between Al Muzahimiyah - Al Rain/Bisha Road and Al Qassim Road (140 km, 4 lanes 3.8 m wide, full profile AC pavement, Design Speed: 110-140 km/h).</p> | Saudi Arabia |

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| 2015 - 2017 | Sibiu – Pitesti Motorway
<i>Romania National Company of Motorways and National Roads (RNCMNR)/Financing: European Union</i>
Revision/Updating of the Feasibility Study for Sibiu – Pitesti Motorway: Cost-Benefit Analysis and Multi-Criteria Analysis to identify the optimal alignment for Sibiu – Pitesti Motorway | Romania |
| 2015 - 2017 | Mchinji to Nkaya Railway Line
<i>Malawi Ministry of Transport (MoT)/Financing: AfDB</i>
Feasibility Study for the Rehabilitation of the Mchinji to Nkaya Railway Line, including environmental and social Impact assessment (ESIA). | Malawi |
| 2015 - 2017 | Kazakhstan Roads Assets Management System
<i>Committee for Roads, Ministry for Investments and Development of the Republic of Kazakhstan/Financing: IBRD</i>
Consulting Services for Implementation of the Roads Assets Management System (RAMS). It included the creation of a road network database, inventory, road condition and traffic data of the international and republican roads network (23,494.6 km) and evaluation of the road network to prepare a 3-year rolling program of road works.
The general objectives of the technical assistance were to decrease financial costs for maintenance, repair and construction of road assets of Kazakhstan and to provide objective and operative information for department users of systems, RoK Ministries and international companies. | Kazakhstan |
| 2015 | Strategic Plan of Interventions at Fiumicino Airport for Rome nomination for 2024 Olympic Games
<i>Atlantia S.p.A./PROTOS S.p.A.</i>
The project aim was to identify the air-side, land-side and access interventions needed in the "Leonardo da Vinci airport", to make it the Olympics airport hub, able to cope with the concentrated (two months) transport demand (arrivals/departures) during the Olympic games. | Italy |
| 2014 - 2016 | Feasibility, Preliminary Design and Detailed Engineering Design of the Livingstone - Kazungula -Sesheke and Nseluka-Mpulungu Railway Spurs
<i>Ministry of Transport, Works , Supply and Communication/Financing: AfDB</i>
Consulting Services for Feasibility, Preliminary Design and Detailed Engineering Design of the Livingstone - Kazungula - Sesheke and Nseluka-Mpulungu Railway Spurs. The project included also Environmental and Social Impact Assessment (ESIA) of the two railway spurs. Stakeholders' consultations activities were also carried out. | Zambia |

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| 2014 – 2015 | <p>SUMP (Sustainable Urban Mobility Plan) of the city of Cluj-Napoca and North-West Region of Romania</p> <p><i>Government of Romania, Ministry of Economic Development/Financing: EBRD</i></p> <p>Draft of the Sustainable Urban Mobility Plan (SUMP) for the city of Cluj-Napoca (350,000 inhabitants).
The overall objective was the to create a sustainable urban transport systems, ensuring easy accessibility, improving safety and security, reducing air and noise pollution, improving efficiency and cost effectiveness of the transport system, contributing to enhancing the attractiveness and quality of the urban environment and improving the resilience of transport networks to extreme weather and natural events in line with EU policies on “adaptation to climate change”.</p> | Romania |
| 2014 – 2015 | <p>SUMP (Sustainable Urban Mobility Plan) of the city of Timisoara and West Region of Romania</p> <p><i>Government of Romania, Ministry of Economic Development/Financing: EBRD</i></p> <p>Draft of the Sustainable Urban Mobility Plan (SUMP) for the city of Timisoara (300,000 inhabitants).
The overall objective was the to create a sustainable urban transport systems, ensuring easy accessibility, improving safety and security, reducing air and noise pollution, improving efficiency and cost effectiveness of the transport system, contributing to enhancing the attractiveness and quality of the urban environment and improving the resilience of transport networks to extreme weather and natural events in line with EU policies on “adaptation to climate change”.</p> | Romania |
| 2012 –2015 | <p>Construction Supervision of Corridor X Motorway - Section DemirKapija - Smokvlca</p> <p><i>Macedonia Ministry of Finance</i></p> <p>Supervision of the construction of Corridor X Motorway - Section DemirKapija – Smokvlca: Analysis of Environmental issues related to the infrastructure under construction and supervision and control of environmental monitoring plans.</p> | Macedonia |
| 2014 – 2015 | <p>M6 Vanadzor-Alaverdi-Georgian border interstate road</p> <p><i>Ministry of Communication and Transport
Financing: European Investment Bank</i></p> <p>Feasibility Study, Environmental Impact Assessment and Detailed Engineering Design of the rehabilitation and improvement of M6 Vanadzor - Alaverdi-Georgian border interstate road.</p> | Armenia |

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| 2014 - 2015 | <p>Master plans of Ba'adre, Zawita, Bamarne and Shekhan towns</p> <p><i>Kurdistan Ministry of Municipalities & Tourism</i></p> <p>Consulting services for the Development Master plans of Ba'adre, Zawita, Bamarne and Shekhan towns /Dahuk Governorate in Kurdistan.</p> | Kurdistan |
| 2014 | <p>Integrated Public Transport System for the Metropolitan Area of Maputo and Matola</p> <p><i>Ministry of Public Works Mozambique</i></p> <p>Revision of the Feasibility Study, including investigation and data gathering procedures, modelling and reference scenarios, multi-modal transport system project. Analysis of spatial and socio-economic framework, passenger analysis traffic and forecast, institutional organization, economic analysis of different alternative scenarios, Preliminary design of Tram System, Metropolitan surface transport system, intermodality and construction stages.</p> | Mozambique |
| 2012 - 2014 | <p>Feasibility Study and Detailed Design of Fond Parisien – Frontière - Jimani Road</p> <p><i>Office of the National Authorising Officer of the EDF Financing: European Development Fund</i></p> <p>Feasibility study & Detailed Design of Fond Parisien-Frontière-Jimani Road in Haiti: traffic analysis and forecasts, economic assessment of alternatives, detailed design and drainage system.</p> | Haiti |
| 2012 - 2014 | <p>Technical Assistance for the improvement of road safety on the Tunisian road network</p> <p><i>Ministry of Transport/General Roads and Bridges
Directorate/Directorate for Road Maintenance/Financing:
European Investment Bank /</i></p> <p>Technical Assistance for the improvement of road safety on the Tunisian road network: definition of measures to be undertaken in order to upgrade road infrastructure, and develop a traffic and environmental design model adopted to the requirements of road safety.</p> | Tunisia |

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| 2012 - 2014 | <p>Azerbaijan Highway Project III
 <i>Azerbaijan Ministry of Transport/Azerroadservice OJC</i>
 <i>Financing: IBRD/IDA</i></p> <p>Technical Assistance for implementation of a pilot project to operate and maintain (O&M) motorways and modernization of motorway management practices in Azerbaijan – including service level agreement for performance-based maintenance contracts.</p> | Azerbaijan |
| 2012 - 2014 | <p>Ouagadougou - Bobo Dioulasso Highway
 <i>Ministry of Infrastructure/General Directorate for Civil Engineering/AIC Progetti</i></p> <p>Technical, economic, financial and environmental feasibility studies for the development of Highway Ouagadougou - Bobo Dioulasso Toll Road. PPP funding assessment.</p> | Burkina
Faso |
| 2012 - 2014 | <p>Rehabilitation of national route n° 6, San Juan - Nepomuceno
 <i>Ministry of Public Works and Communications/Financing: NEPAD</i></p> <p>Consultancy Services for the elaboration of engineering studies for the rehabilitation of national route n° 6, section San Juan – Nepomuceno.</p> | Paraguay |
| 2012 - 2013 | <p>Rehabilitation of the Eastern Railway line and construction of the Boankra Dry Port
 <i>Ghana Ministry of Transport/Financing: European Union</i></p> <p>Preparation of a Feasibility Study for the Rehabilitation of the Eastern Railway line and construction of the Boankra Dry Port for Import/export and transit cargo to Burkina Faso, Niger and Mali.</p> | Ghana |
| 2012 - 2013 | <p>Ghana Railway Master Plan
 <i>Ghana Railway Development Authority/Financing: Government of Ghana</i></p> <p>Technical Assistance for the elaboration of the Ghana Railway Master Plan and identification of railway section to be rehabilitated or new railway lines to be constructed. PPP funding assessment</p> | Ghana |

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| 2012 - 2013 | <p>Highway Intersection on A12 Rome-Civitavecchia
<i>Lazio Region/Siteco</i></p> <p>Detailed Design for the Highway Intersection on A12 Rome-Civitavecchia including the connection to Fiumicino Municipality.</p> | Italy |
| 2011 - 2012 | <p>Upgrading of Baku - Shamakhi Road
<i>Azerbaijan Ministry of Transport, Azerroadservice OJC</i>
<i>Financing: The World Bank</i></p> <p>Upgrading of Baku - Shamakhi Road, Section Baku-Shamakhi-Yevlakh: Preparation of an Environmental Assessment and Environmental Management Plan (ESMP).</p> | Azerbaijan |
| 2011 - 2012 | <p>M03 Kyiv-Kharkiv-Dovzhansky Road
<i>State Road Service of Ukraine – “Ukravtodor”</i>
<i>Financing: European Union</i></p> <p>Supervision of Civil Works on the section M03 Kyiv-Kharkiv-Dovzhansky Road: Environmental Analysis and Environmental Management Plan (ESMP).</p> | Ukraine |
| 2010 - 2013 | <p>Dry Port along the Addis Ababa – Moyale Corridor
<i>ERA – Ethiopian Roads Authority/Financing: European Union</i></p> <p>Consultancy Service for Feasibility Study, Design Studies and Tender Documents Preparation for Dry Port along the Addis Ababa – Moyale Corridor.</p> | Ethiopia |
| 2010 | <p>Technical Assistance to Railway Authorities in Bosnia and Herzegovina
<i>Ministry of Communications and Transport</i>
<i>Financing: European Union</i></p> <p>Provision of Technical Assistance to Railway Authorities in Bosnia and Herzegovina in harmonizing regulations for maintenance of railway infrastructure and rolling stock with the EU Directives.</p> | Bosnia
Herzegovina |
| 2009 | <p>Development of Infrastructure Master and Action Plans for 8 Municipalities in Serbia
<i>UNDP</i></p> <p>Technical Assistance to 8 Municipalities in SW Serbia for the Preparation and Development of Infrastructure Master and Action Plans.</p> | |

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| 2009 - 2010 | <p>Technical Assistance on the National Flood Relief Project (NFRP)
 <i>Malta Ministry of Resources and Rural Affairs</i>
 <i>Financing: European Union</i></p> <p>Consultancy Services for carrying out of Environmental Impact Assessment and Cost-Benefit Analysis studies with Technical Assistance on the National Flood Relief Project (NFRP).</p> | Malta |
| 2008 - 2009 | <p>Urban development plans for the cities of Durres, Shkodra, Vlora and Kamez
 <i>Albania Ministry of Public Works, Transport & Telecommunication</i>
 <i>Financing: The World Bank</i></p> <p>Enhancement of urban land management capacities in selected municipalities of Albania through (1) preparation of regulatory plans in (Durres, Shkodra, Vlore, Kamez); and (2) on the job training and preparation of urban planning guidance manuals to enable regular update of the regulatory plans by the municipal staff.</p> | Albania |
| 2007- 2008 | <p>Mostar southern bypass
 <i>JP Direkcija cesta Federacije Bosne i Hercegovine/Financing: EBRD</i></p> <p>Traffic Planning, Feasibility Study and Environment Impact Assessment of Mostar Southern Bypass.</p> | Bosnia
Herzegovina |
| 2009 | <p>Upgrade and Modernisation of Corridor X
 <i>HŽ (Croatian Railways)/Financing: European Union</i></p> <p>Feasibility Study, Cost-Benefit analysis and Environmental Impact Assessment for Upgrade and Modernisation of rail Corridor X in Croatia.</p> | Croatia |
| 2008 | <p>Simulation Model for the Rimini Public Transport Network
 <i>Municipality of Rimini</i></p> <p>Consultancy services for the development and simulation model for the Rimini public transport network: Traffic Analyses and Forecasts and development of a Traffic Simulation Model.</p> | Italy |

2008	<p>Pre-feasibility study on the regional dimension of the Transport Sector in Eritrea</p> <p><i>Eritrea Ministry of Public Works/Financing: European Union</i></p> <p>Proposition and comparison of various project solutions concerning road links to Sudan and Djibouti: Comparative study of solutions and a preferred option and drawing up of ToR for any subsequent studies.</p>	Eritrea
2007 - 2009	<p>CDE - Chemin de Fer Djibouto-Ethiopien Djibouti-Addis Ababa</p> <p><i>Federal Democratic Republic of Ethiopia, Republic of Djibouti/Chemin de Fer Djibouto – Ethiopien/Financing: European Union</i></p> <p>Consulting Services for the Detailed Design and Works Supervision of the Minimum Rail Safety Works of the railway line Djibouti-Addis Ababa (700 km) including contract management and inspection of the track renewal works, and Monitoring and Evaluation (M&E) activities.</p>	Ethiopia/ Djibouti
2007 - 2008	<p>CFR Railway Restructuring Project</p> <p><i>CFR – Romanian Railways Companies</i></p> <p><i>Financing: European Union</i></p> <p>Training Courses to Romanian Railways Agency managers for the implementation of the Railway Restructuring process for CFR's infrastructures, freight and passenger transportation.</p>	Romania
2007 - 2008	<p>Kabul Ring Road</p> <p><i>Afghanistan – Ministry of Public Works/Financing: Asian Development Bank</i></p> <p>Feasibility Study of the Ring Road of Kabul, including:</p> <ul style="list-style-type: none"> – Determination of the most suitable alignment for constructing the ring road at Kabul City – Definition of appropriate standards, cost, traffic pattern, analysis of economic and financial viability, – Development of the project in an appropriate form, and (iv) – Preparation of detailed design and land acquisition plan. 	Afghanistan

- 2007 - 2008 **Motorway Bucharest-Costanza** Romania
Romania Ministry of Transport/RNCMNR/Financing: European Union
 Revision of traffic signs and road markings of the Motorway Bucharest-Costanza, Subsections Drajna-Fetesti, Fetesti-Cernavoda and Cernavoda-Constanta.
- 2006 - 2007 **Preparation of a Road Safety Pipeline of Projects:** Romania
Romania Ministry of Transport, Constructions and Tourism/Financing: European Union
 Technical Assistance for the preparation of a road safety pipeline of projects: analysis of the accident causes in about 100 pre-identified black spots on National Roads, definition and study of possible solutions and preparation of the detailed design and tender documents for the most adequate safety interventions for about 82 locations. Furthermore the project included the preparation of tender documents for interventions for the following sub-components: a) Linear villages, b) Signalling and marking, c) Lanes separation, d) Speed measurement devices.
- 2006 - 2007 **Woreda Integrated Development Study** Ethiopia
ERA – Ethiopian Roads Authority/Financing: European Union
 Preparation of *Woreda* Integrated Development (WIDPs) and Travel and Transport Plans (WTTPs) in eight constituencies located in the Tigray and Afar Regional States (Lailay Adyabo, Naider Adet, Wolkayit, Samre, Tern, Semuna Galalo, Dallol and Erebti).
 The objectives of the proposed studies are to formulate WIDPs that include WTTPs that will facilitate the development of the *woreda* in general, and lead to the reduction of poverty and transport burden of rural households and to assist in the development of the capacity of the *woredas* and communities to plan and implement their development projects.
- 2006 - 2008 **Feasibility Study for Amman Ring Road** Jordan
Jordan - Ministry of Public Works & Housing/Financing: European Union
 Preparation of Feasibility Study including: the selection of the preferred Corridor of Amman Ring Road, Environmental Impact Assessment, Preliminary Design, Final Design and Preparation of Tender Documents and Drawings for the construction of the Western and Northern sections of the Amman Ring Road.

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| 2005 - 2006 | <p>Cross-Border Co-operation Programme between Bulgaria and Romania</p> <p><i>RNCMNR - National Company of Motorways and National Roads/Financing: European Union</i></p> <p>Supervision of construction works for the rehabilitation of National Road NR 38 between the crossroad with NR 3 and Calarasi.</p> | Romania |
| 2006 - 2009 | <p>Construction of Brasov Sibiu Expressway</p> <p><i>RNCMNR - National Company of Motorways and National Roads/Financing: European Union</i></p> <p>Design and Supervision for the construction of Brasov Sibiu Expressway – Construction supervision of Lot C – Road DN 1, (E68) Brasov-Sibiu rehabilitation works (123 km).</p> | Romania |
| 2006 | <p>Feasibility Study for the intermodal and logistic pole of Novara</p> <p><i>CIM-Centro Intermodale Merci di Novara</i></p> <p>Analysis of traffic demand and capacity. Investment, maintenance and operation costs and revenues calculation.</p> | Italy |
| 2005 - 2007 | <p>Analysis and diagnosis of the current situation of the transport system in Romania</p> <p><i>Romania Ministry of Transport, Communication and Tourism/Financing: European Union</i></p> <p>Diagnosis of the current situation of the various transport networks, including the main aspects related to the infrastructure use (traffic volume, quality of service, accident rate, congestion, bottle necks etc.), for the establishment of a strategic and coherent base for medium-term investment programming in the transport sector.</p> | Romania |
| 2005 - 2007 | <p>Rehabilitation of Bucharest Urban roads PHASE II</p> <p><i>Bucharest Municipality/Financing: European Investment Bank</i></p> <p>Elaboration of a strategy for the rehabilitation of Bucharest Urban roads – Definition of interventions for urban needs and utilities of the city of Bucharest: Phase II – Procurement of Technical Assistance.</p> | Romania |

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| 2004 - 2005 | <p>Istanbul Üsküdar - Ümraniye Rapid Transit line
<i>Municipality of Istanbul</i></p> <p>Analysis of investment options for light urban railways in the city of Istanbul: analysis of transport offer in Istanbul Municipality and definition of best investment options; detailed analysis and economic/financial analysis of pre-selected investment alternatives (financial performance and risk analysis).</p> | Turkey |
| 2004 - 2006 | <p>Romanian Fiscal Policy in Road Transport
<i>Romania Ministry of Public Finance/Ministry of Transport, Communication and Tourism/Financing: European Union</i></p> <p>Analysis of accounting structures and procedures, design of permanent operating procedures for accounting system and aggregation of data, analysis of present road taxation system and road user charges study.</p> | Romania |
| 2004 - 2006 | <p>Corridor Vc Motorway:
<i>Bosnia Herzegovina - Ministry of Communications and Transport/Financing: Government of Bosnia & Herzegovina</i></p> <p>Feasibility Study, economic analysis, conceptual design, preliminary design, Environmental Impact Assessment (EIA) and other studies and investigation regarding the construction of Corridor VC Motorway, Lot3, Section Sarajevo South (Tarcin) to Mostar North.</p> | Bosnia and
Herzegovina |
| 2004 - 2005 | <p>Rehabilitation of the Maydan Shar-Bamyan Road
<i>Afghanistan Ministry of Public Works/Financing: Asian Development Bank</i></p> <p>Preparation of Feasibility Study, Environmental Impact Assessment and Detailed Engineering Design for the Maydan Shar - Bamyan Road and preparation of Tender Documents for the construction.</p> | Afghanistan |
| 2004 - 2005 | <p>Catanzaro Urban Transport Study
<i>Catanzaro Municipality</i></p> <p>Study of the urban mobility and proposal for interventions in the road, railway and regulatory aspects. Involvement of private investment and PPP options in public transport.</p> | Italy |

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| 2004 - 2005 | <p>Rehabilitation of the railway line from Curtici - Simeria
 <i>CFR – National Railways Company Romania/Financing: European Union</i></p> <p>Feasibility study and Environmental Impact Assessment for the rehabilitation of the railway line from Curtici to Simeria (185 km).</p> | Romania |
| 2004 - 2005 | <p>Cernavoda - Constanta Motorway and Constanta By-Pass
 <i>RNCMNR - National Company of Motorways and National Roads/Financing: European Investment Bank</i></p> <p>Feasibility study for the Bucharest-Constanta Motorway, Section 6 Cernavoda-Constanta and Constanta By-pass: economic analysis, design, traffic study, environmental and socio-economic analysis, Financing/Implementation Arrangements (financial analysis, PPP structures, project document and maintenance plan).</p> | Romania |
| 2004 | <p>Bucharest-Pitesti Motorway
 <i>NAR - National Company of Motorways and National Roads/Financing: European Union</i></p> <p>Technical and Financial Analysis for the PPP Contract to rehabilitate the Bucharest-Pitesti Motorway.</p> | Romania |
| 2004 | <p>Bucharest Ring Road
 <i>NAR - National Company of Motorways and National Roads/Financing: European Union</i></p> <p>Technical and Financial Analysis for the PPP Contract to build the northern ring road of Bucharest.</p> | Romania |
| 2003 - 2004 | <p>Brasov Sibiu Motorway
 <i>NAR - National Administration of Roads/Financing: European Union</i></p> <p>Brasov Sibiu Motorway – Design Lot C – Road DN 1, (E68) Brasov-Sibiu rehabilitation works: detailed design, environmental impact assessment and tender document preparation.</p> | Romania |
| 2004 - 2005 | <p>Monitoring of the Motorway Concessions
 <i>ANAS – Italian Highway Authority</i></p> <p>Monitoring of the Motorway Concessions (I, II, III and IV) between ANAS (Italian Ministry of Infrastructure) and Autostrade SpA.</p> | Italy |

2005	<p>Central Asia Rail Rehabilitation Project <i>European Union</i></p> <p>Review of Railway rehabilitation projects in Central Asian countries: Kazakhstan, Kirghizstan, Turkmenistan and Uzbekistan – including Technical and Environmental Analysis.</p>	Central Asia
2002 - 2003	<p>Kashagan Oil Transport Options Project <i>AGIP KCO/Financing: ENI</i></p> <p>Study of oil transport options - alternative alignments connecting Kashagan to the Mediterranean Sea. The study on oil transport options included the individuation and analysis of alternative oil transport options.</p>	Kazakhstan
2003 - 2004	<p>Ukrainian/Moldavian Border Crossing Project <i>European Union</i></p> <p>Technical and economic Feasibility Study and Environmental impact assessment for the rehabilitation of the railway line between Ukraine and Moldova.</p>	Moldova/ Ukraine
2003 - suspended	<p>Bucharest-Brasov Highway Construction Project <i>NAR - National Administration of Roads/Financing: European Union</i></p> <p>Preparation and implementation of PPP and DBFO (Design Build Finance Operate) for the construction of the section between Cormanic and Predeal.</p>	Romania
2003	<p>Romania Cross Border Cooperation Project <i>Ministry of Development and Prognosis/Financing: European Union</i></p> <p>Technical Assistance to the MDP (Ministry of Development and Prognosis) for the implementation of the CBC (Cross Border Cooperation) projects – Borders between Romania, Bulgaria and Hungary.</p>	Romania
2003 - 2004	<p>Zanzibar Main Roads Project <i>Zanzibar Ministry of Transport/Financing: The world Bank</i></p> <p>Feasibility study and detailed engineering design for upgrading of Mkwajuni-Nungwi, Pongwe-Matemwe and Paje-Pingwe Zanzibar Main Roads.</p>	Tanzania

2003	<p>National Road Transport Plan in Cameroon <i>Cameroon Ministry of Transport/Financing: European Union</i> Technical assistance and preparation of a National Road Transport Plan in Cameroon including identification of necessary investments.</p>	Cameroon
2001 - 2002	<p>Kazakhstan Integrated Logistic Plan <i>AGIP KCO/Financing: ENI</i> Feasibility Study for the Integrated Logistic Strategic Plan of materials supplies to the Kashagan oil field inside the Caspian Sea.</p>	Kazakhstan
2002	<p>Commercial Centres on N°35 “Dei Giovi” Road <i>Alessandria Municipality</i> Strengthening of the road transport system for the use of the commercial centres on n°35 “Dei Giovi” road: Environmental impact assessment and cost assessment related to environmental measures proposed for the project.</p>	Italy
2002 - 2003	<p>Orte-Ravenna Road Project <i>ANAS – Italian Highway Authority</i> Requalification of the toll system on Orte-Ravenna primary road (E45).</p>	Italy
2002 - 2003	<p>SS660 State Road and Salerno-Reggio Calabria freeway Connector Road <i>ANAS – Italian Highway Authority</i> Feasibility study and environmental impact assessment for the construction of a road connecting SS660 State Road and Salerno-Reggio Calabria freeway.</p>	Italy
2001 - 2002	<p>Maintenance Strategy for Urban Roads in Bucharest Municipality – PHASE I <i>Bucharest Municipality/Financing: European Investment Bank</i> Feasibility study, economic analysis and elaboration of a maintenance strategy for urban roads in Bucharest Municipality.</p>	Romania

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| 2002 – 2003 | <p>Feasibility Study and Environmental Impact Assessment of eighteen Roads (Package B)
 <i>ERA - Ethiopian Roads Authority/Financing: AfDB, World Bank, European Union</i></p> <p>Feasibility Study and Environmental Impact Assessment (EIA) of eighteen roads (Package B) including Financial Analysis, Cost-Benefit-Analysis, Traffic Counts and evaluation of future traffic flows, the analysis of Alternatives for each road and through implementation of Multi-criteria. Analysis the Evaluation of feasibility of Projects related to sustainability and economic factors.</p> | Ethiopia |
| 2001 - 2002 | <p>New Trans-Alp Rail Link Lyon-Turin
 <i>European Union/EU – DG TREN</i></p> <p>Evaluation of the Studies Co-financed by the European Commission on the international section of the New Trans-Alp Rail Link Lyon-Turin: Analysis of the GEIE-Alps-tunnel activities related to the realisation of the railway tunnel Turin – Lyon.</p> | Italy, France |
| 2002 | <p>CFR Modernisation Project
 <i>CFR – Romanian Railway Authority</i></p> <p>Preparation of the environmental action plans related to the refurbishment of city stations and modernisation of rolling stock.</p> | Romania |
| 2001 - 2002 | <p>Improvement of the Medio-Savuto National Road
 <i>ANAS – Italian Highway Authority</i></p> <p>Feasibility study for the improvement of the Medio-Savuto national road in Italy, including economic and financial analysis, cost-benefit analysis, traffic analysis and design.</p> | Italy |
| 2001 | <p>Montserrat Airport Rehabilitation Project
 <i>European Union</i></p> <p>Review of Airport Options in Montserrat: Montserrat Airport Project (8th EDF 8 million Euro) : The construction of a new airport at Gerald's Bottom consisting of a 540 metres long runway able to accommodate twin otter aircraft and an apron with a surface of 70,000 sq. metres.</p> | East
Caribbean |

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| 2001 - 2002 | <p>Arsi and Bale Rural Development Project
<i>Italian Ministry of Foreign Affairs</i></p> <p>Road sectors: Review and formulation of the 2002-2006 (Second) Phase: Proposals for road development projects: Sectors II/a and II/b including main sector report, territorial analysis and elaboration of transportation models.</p> | Ethiopia |
| 2000 | <p>Monitoring of the Freeway Asti-Cuneo Construction
<i>ANAS – Italian Highway Authority</i></p> <p>Technical Assistance to Italian Highway Authority related to the supervision and monitoring of construction works for the freeway Asti-Cuneo.</p> | Italy |
| 2001 - 2002 | <p>Ukraine Railway Development Project
<i>Ukraine Railway Administration (UZ) /BERD/Financing: EBRD</i></p> <p>Provision of support to the Project Implementation Unit; facilitation of the establishment of a procurement plan and preparation of tender documents; advise on the organisation and management of the tendering process; advise on the track renewal programme; assistance in the development of a business plan and financial and operational performance targets.</p> | Ukraine |
| 2000 | <p>Study on the collection and disposal of Industrial Waste
<i>CCR Italy</i></p> <p>Market study and legal assistance for collection and disposal of industrial waste.</p> | Italy |
| 1999 - 2000 | <p>Sofia-Kulata Motorway (E 79)
<i>European Union</i></p> <p>Feasibility study and design for the construction of the Sofia-Kulata Motorway (E79) in Bulgaria included the design and the evaluation of economic feasibility of the project, the analysis of alternatives and the environmental impact assessment of the alternatives.</p> | Bulgaria |

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| 1999 - 2000 | <p>Motorway By-Passes along Corridor IV in Romania
 <i>NAR - National Company of Motorways and National Roads/Financing: European Union</i>
 Feasibility study, environmental cost assessment, design and economic analysis of five motorway by-passes along Corridor IV.</p> | Romania |
| 1999 - 2000 | <p>Railway restructuring project “Sud – Est” Railway in Puglia
 <i>Ferrovie Sud – Est</i>
 Financial analysis of the railway restructuring project “Sud – Est” Railway in Puglia Region.</p> | Italy |
| 2000 - 2002 | <p>RTR – Road Transport Regulations Study in Ethiopia
 <i>RTA –Road Transport Authority/MEDaC/Financing: European Union</i>
 Review of road transport legislation in Ethiopia including the drafting of a new regulatory framework for the transport sector of the country and identification of institutional strengthening needs for national and regional road transport authorities.
 The project included the conduction of a national workshop at Addis Ababa related to the restructuring of road transport administration.</p> | Ethiopia |
| 1999 - 2003 | <p>Vora-Durres Motorway
 <i>Albania General Roads Directorate/Financing: European Union</i>
 Tender Document Preparation and Supervision of the construction works of the Tirana-Durres Motorway (section Vora – Durres).</p> | Albania |
| 1999 - 2001 | <p>ETSS - Eritrea Transport Sector Study
 <i>Eritrea Ministry of Transport/Financing: European Union</i>
 Restructuring the transport sector and strategies for the institutional and infrastructural development – Feasibility study of different main roads.</p> | Eritrea |

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| 1998 - 2001 | <p>Construction of A32 Torino-Bardonecchia Highway
 <i>ANAS -Italian Highway Authority</i></p> <p>Technical and legal assistance to ANAS in monitoring road construction works from bidding procedures to works administration and completion (875 road contracts, Torino-Bardonecchia Highway).</p> | Italy |
| 1998 - 2000 | <p>Catania Port Expansion Project
 <i>Catania Port Administration</i></p> <p>Design, feasibility and project financing of the rehabilitation and expansion project of the port of Catania.</p> | Italy |
| 1998 - 2000 | <p>Addis Ababa – Djibouti Rail Concession Study
 <i>European Union (DG VIII)</i></p> <p>Preparation of the Project Dossier for the Concession of the “<i>Chemin de Fer Djibouto-Ethiopien</i>”, Addis – Djibouti railway, project document, concession agreement and guidelines for rail safety works.</p> | Ethiopia/
Djibouti |
| 1998 - 2000 | <p>Angola Transport Development Strategy
 <i>Angola - Ministry of Transport/Financing: The World Bank</i></p> <p>Technical assistance (two years) for the institutional strengthening of the GEPE (Bureau of Studies, Planning and Statistics) of the Ministry of Transport and preparation of the Transport Development Strategy of the country.</p> | Angola |
| 1998 - 1999 | <p>Development of Railway and Combined Transport on Corridor IV
 <i>European Union</i></p> <p>Feasibility study on the development of railway and combined transport on Corridor IV: Preliminary design of the Arad - Brasov - Bucharest and Sofia - Plovdiv - Svilengrad sections; combined terminals in Arad, Brasov and Dimitrovgrad IV.</p> | Bulgaria/
Hungary/
Romania |
| 1998 - 2000 | <p>MUTP - Municipal Urban Transport Plan in Moscow
 <i>World Bank/Financing: The World Bank</i></p> <p>New design and circulation plan for the central ring road (Sadovaye Kalso) and the two major urban roads of Warshavskoe and Shelkovskoe, with detailed design for pedestrian underpasses and traffic light calculation. Include also institutional assistance for Traffic Police in Moscow.</p> | Russia |



**MAIN
ASSIGNMENTS
2000 - 1990**

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| 1999 | European Union / SPEA
FEASIBILITY STUDY OF THE SOFIA-KULATA MOTORWAY (E 79) - The Feasibility study and design for the construction of the Sofia-Kulata Motorway in Bulgaria) included the design and the evaluation of economic feasibility of the project, the analysis of alternatives and the environmental impact assessment of the alternatives | Bulgaria |
| 1999 | European Union / SPEA
MOTORWAY BY-PASSES ALONG CORRIDOR IV IN ROMANIA - Feasibility study, environmental cost assessment, design and economic analysis of five motorway by-passes along Corridor IV in Romania | Romania |
| 1999 | Ferrovie Sud – Est / Green System
Financial analysis of the railway restructuring project “Sud – Est” Railway in Puglia Region | Italy |
| 1999 | RTA –Road Transport Authority / MEDaC / European Union
RTR – ROAD TRANSPORT REGULATIONS STUDY: Review of road transport legislation in Ethiopia including the drafting of a new regulatory framework for the transport sector of the country and identification of institutional strengthening needs for national and regional road transport authorities; the project included the conduction of a national workshop at Addis Ababa related to the restructuring of road transport administration | Ethiopia |
| 1998 | ANAS -Italian Highway Authority / SIM
CONSTRUCTION OF A32 TORINO-BARDONECCHIA HIGHWAY - Technical and legal assistance to ANAS in monitoring road construction works from bidding procedures to works administration and completion (875 road contracts, Torino-Bardonecchia Highway) | Italy |
| 1998 | Catania Port Administration / Mediocredito – Europrogetti & Finanza
CATANIA PORT EXPANSION PROJECT - Design, feasibility and project financing of the rehabilitation and expansion project of the port of Catania | Italy |
| 1998 | European Union (DG VIII) / Italferr
Preparation of the PROJECT DOSSIER FOR THE CONCESSION of the “Chemin de Fer Djibouto-Ethiopien”, Addis – Djibouti railway, project document, concession agreement and guidelines for minimum rail safety works | Ethiopia /
Djibouti |

1998	European Union / Systra-Sotecni TENDER DOCUMENT PREPARATION AND SUPERVISION of the construction works of the Tirana-Durres Motorway (section Vora – Durres)	Albania
1998	World Bank / Italconsult ANGOLA TRANSPORT DEVELOPMENT STRATEGY -Technical assistance (two years) for the institutional strengthening of the GEPE (Bureau of Studies, Planning and Statistics) of the Ministry of Transport and preparation of the Transport Development Strategy of the country	Angola
1997	AMI (Azienda Multiservizi Intercomunale) / Studio T.I. NEW MARSHALLING YARDS at Imola – dimensioning, lay-out and feasibility study	Italy
1997	Eboli Municipality / Publitecnica GAS DISTRIBUTION NETWORK of Eboli Municipality - Technical Assistance and supervision of works of the new gas distribution network of Eboli Municipality	Italy
1997	EBRD / SEA SARAJEVO INTERNATIONAL AIRPORT Rehabilitation Project: Feasibility study of the rehabilitation of Sarajevo International Airport	Bosnia Herzegovina
1997	EBRD / SPEA NEW MOTORWAY SAINT PETERSBURG–MOSCOW - Financial analysis and project financing for the new freeway Saint Petersburg–Moscow, Saint Petersburg-Vyborg section	Russia
1997	Sotecni / Tpl / 2D Progetti Final design – Phase 2a: Structural works for the urban section of the HIGH-SPEED RAILWAY ROME-NAPLES	Italy
1997	BID – Interamerican Development Bank / Studio Valle NATIONAL ROAD CORRIDOR PROJECT IN ARGENTINA: Economic and technical study for the evaluation of investments in the road corridors Paso Puyehue - Luján, Las Cuevas - B. de Irigoyen, Paso Jama - Paso de los Libres	Argentina
1997	Ministry of Works / World Bank TECHNICAL ASSISTANCE to the Ministry of Works in Uganda for the establishment of a Road Maintenance Management Branch	Uganda

1997	<p>World Bank / SPEA MUTP - MUNICIPAL URBAN TRANSPORT PLAN IN MOSCOW - The MUTP included the new design and circulation plan for the central ring road (Sadovaye Kalso) and the two major urban roads of Warshavskoe and Shelkovskoe, with detailed design for pedestrian underpasses and traffic light calculation. Include also institutional assistance for Traffic Police in Moscow.</p>	Russia
1996	<p>General Roads Directorate / World Bank TECHNICAL ASSISTANCE to the General Road Directorate of Albania for the rehabilitation of rural roads</p>	Albania
1996	<p>Ministry of Transport / European Union ETSS - ERITREA TRANSPORT SECTOR STUDY - Restructuring the transport sector and strategies for the institutional and infrastructural development – Feasibility study of main roads</p>	Eritrea
1996	<p>European Union / Italferr DEVELOPMENT OF RAILWAY AND COMBINED TRANSPORT ON CORRIDOR IV - Feasibility study on the development of railway and combined transport on Corridor IV: Preliminary design of the Arad – Brasov – Bucharest and Sofia – Plovdiv – Svilengrad sections; combined terminals in Arad, Brasov and Dimitrovgrad IV</p>	Bulgaria, Hungary, Romania
1996	<p>European Union / Italferr ELECTRIC TRACTION SUPPLY SYSTEM OF THE E 20 RAILWAY LINE - Feasibility study for the modernisation of electric traction supply system of the E 20 railway line, Kunowice-Warsaw section</p>	Poland
1996	<p>Ferrara Municipality Technical and administrative assistance to Ferrara Municipality for the implementation of the wider SEWAGE COLLECTION and TREATMENT PLANT</p>	Italy
1996	<p>Italian Ministry of Public Works FEASIBILITY STUDY FOR THE ENLARGEMENT OF THE SALERNO-REGGIO CALABRIA MOTORWAY (450 km): Study on the toll system and design of new accesses</p>	Italy
1996	<p>Monte Porzio Catone Municipality MUNICIPALITY OF MONTE PORZIO CATONE - Parking survey and design of new parking facilities in the historical centre of Monte Porzio Catone</p>	Italy
1995	<p>Cosenza Municipality / Publitecnica URBAN TRANSPORT PLAN FOR COSENZA MUNICIPALITY - Development of the urban transport plan for Cosenza Municipality, including traffic analysis and forecast, traffic management plan, urban development aspects</p>	Italy
1995	<p>General Roads Directorate / World Bank SECOND TRANSPORT PROJECT - Analysis of the national road</p>	Albania

network and priority ranking of the road sections to be rehabilitated - Planning Study for the identification of priority interventions on the national road network of the country

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| 1995 | Italferr / Tecnic
HIGH-SPEED RAILWAY ROME-NAPLES - Construction design of the section between km 160+726 and km 168+741, including interference I NG1 | Italy |
| 1995 | TRAM (Public Transport Agency)
STUDY OF RESTRUCTURING OF PUBLIC TRANSPORT ALONG THE TOURIST COAST OF EMILIA ROMAGNA REGION - Definition of a mass transit system and design of a dedicated infrastructure and vehicle | Italy |
| 1995 | World Bank / Italferr
STUDY ON THE COMPETITIVENESS OF THE CASABLANCA-FÉS CORRIDOR - Feasibility Study of the doubling of the track between Meknez and Fez | Morocco |
| 1994 | EBRD
CETIR - CENTRAL EUROPEAN TRANSPORT INFORMATION PROJECT - Building the transport database for CEI Countries. | Central Europe |
| 1994 | Ministry of Construction / Italian Co-operation
Bridge survey along 1,400 km of primary roads (about 200 bridges) to identify emergency repair works to be financed by the World Bank | Eritrea |
| 1994 | European Union / Italferr
MINIMUM EMERGENCY PHYSICAL REPAIR WORKS "CHEMIN DE FER DJIBOUTO-ETHIOPIEN" - Feasibility Study for emergency physical repair works on the "Chemin de fer Djibouto-Ethiopien": Design of the emergency rail rehabilitation and steel bridge replacement | Ethiopia /
Djibouti |
| 1994 | European Union / Warsaw Municipality
Pilot Study of Conceptual Project Variants for Structural Ownership Changes of the MUNICIPAL SANITATION ENTERPRISE and for the modernisation of waste utilisation system in Warsaw and Vicinity and the selection of the preferred variant. | Poland |
| 1994 | Inter-American Development Bank / Spea-Sotecni
BOLIVIA ROAD ADMINISTRATION PROJECT - Study on the decentralisation of road administration: Definition of the new institutional organisation and identification of the road network to be assigned to departments | Bolivia |
| 1994 | Civitavecchia Municipality
Preliminary study for the URBAN TRAFFIC PLAN OF CIVITAVECCHIA | Italy |

1994	National Research Council Analysis of Evaluation Criteria (Ex Ante And Ex Post) For Investments In The Transport Sector: Transport Project 2 - (P.F.T.2)	Italy
1994	National Research Council Special Transport Research On The Electrical Vehicle and standard manual formulation	Italy
1994	Tecnark FINAL DESIGN AND SUPERVISION of construction works Poggio-Moiano-Colle di Tora road project	Italy
1993	Anagni Municipality / Publitecnica PARKING PLAN in Anagni municipality	Italy
1993	C. Lotti & Associati Executive design of the SECONDARY NETWORK INTERSECTED THROUGH THE HIGH-SPEED RAILWAY line Milan-Bologna	Italy
1993	Conc. I.L. NACAOME DAM PROJECT - Economic and financial analysis of the Nacaome dam	Honduras
1993	Federici HO CHI MINH CITY PIPE FACTORY - Financial analysis for the pipe factory project in Ho Chi Minh City	Vietnam
1993	Intercons FINAL DESIGN OF THE RAILWAY OVERPASS at km 33.145, high-speed railway Modena-Verona	Italy
1993	Intercons FINAL DESIGN OF UNDERPASSES AND TUNNELS for the high-speed railway line Milan-Verona	Italy
1993	Italian Ministry of Foreign Affairs SPECIAL ASSISTANCE PROJECT - Elaboration of Guidelines for the preparation and implementation of labour intensive projects in developing countries	Ethiopia
1993	Italian Ministry of Foreign Affairs NEW URBAN LIGHT RAILWAY IN MAPUTO - Economic study and environmental assessment for the new urban light railway in Maputo	Mozambique
1993	Italian Ministry of Foreign Affairs / Italo-African Institute INTEGRATED RURAL DEVELOPMENT PROJECT OF ARSI AND BALE REGIONS - Elaboration of a transport development plan and design of hydraulic and agricultural infrastructures for Arsi and Bale Regions INTEGRATED RURAL DEVELOPMENT PROJECT OF TIGRAY AND WOLLO REGIONS - Elaboration of a transport development	Ethiopia

plan and design of hydraulic and agricultural infrastructures for Tigray and Wollo Regions

INTEGRATED RURAL DEVELOPMENT PROJECT OF HARARE REGION - Elaboration of a transport development plan and design of hydraulic and agricultural infrastructures for Harare Region

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| 1993 | Technosynesis
Project preparation for the Conference of Services – High-speed railway line Milan-Bologna | Italy |
| 1993 | Wallington / UIL
TOURISM SECTOR DEVELOPMENT IN LUSHNJE REGION - Study on the environmental asset and development possibilities for the tourism sector in Lushnje Region | Albania |
| 1993 | Wallington / UIL
RURAL INFRASTRUCTURE CONSTRUCTION PROJECT - Economic analysis of rural infrastructure construction in the frame of the Special Assistance to Rural Ethiopian Population | Ethiopia |
| 1992 | Astaldi.
PONTS D'OUEA SUR LA RN1-DJIBOUTI -Traffic and cost/benefit analysis with economic return study for the road project "Ponts d'Ouea sur la RN1-Djibouti | Djibouti |
| 1992 | Autovie Venete
COST-BENEFIT ANALYSIS for the alternative to National Road 463 S. Vito - Villotta

Cost-benefit analysis for the collector road between A4 Highway Casello di Redipuglia, National road SS 14, SP 19, Monfalcone Grado and Brancolo area, 2nd lot | Italy |
| 1992 | Brenner General Consultant / National Railway Companies
MONACO-VERONA RAILWAY LINK REHABILITATION - Traffic flow analysis, feasibility study and environmental assessment for the Monaco-Verona railway link rehabilitation | Italy,
Germany,
Austria |
| 1992 | C. Lotti e Associati /FF.SS.
Executive design of tunnels and galleries: Railway line Rome-Naples and Florence-Bologna

Design of road construction works for overpassing the high-speed railway line Milan-Bologna (bridges and tunnels) | Italy |
| 1992 | Condotte Acqua
Construction design for SS 131 Carlo Felice, km 7+000 and km 14+750 | Italy |
| 1992 | EBRD / Bonifica
GUINEA ROAD REHABILITATION PROJECTS - Feasibility Study for the Rehabilitation and Construction Programme for 1,400 km of | Guinea |

roads; definition of the national road network and priority ranking for investments

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| 1992 | European Union – DGVIII/EDF
KASANE NEW TOURIST AIRPORT PROJECT - Evaluation of the Kasane new tourist airport project and definition of a strategy to be followed for new EC intervention in the sector | Botswana |
| 1992 | European Union – DGVIII/EDF
DJIBOUTI-ADDIS ABABA RAILWAY REHABILITATION - Evaluation of EDF transport project on the Djibouti-Addis Ababa railway rehabilitation; the link is the most direct route from Ethiopia to the Red Sea | Ethiopia /
Djibouti |
| 1992 | European Union – DGVIII/EDF
NACALA-NAMPULA-CUAMBO RAILWAY REHABILITATION PROJECT - Evaluation of EDF Nacala-Nampula-Cuambo railway rehabilitation project and transport sector study of the two countries | Malawi /
Mozambique |
| 1992 | European Union – DGVIII/EDF
EVALUATION OF EDF TRANSPORT PROJECTS - Beira Port: Sea transport sector analysis and definition of new strategies of intervention | Mozambique |
| 1992 | European Union / Agriconsulting
MID-ZAMBESI VALLEY LAND USE STUDY – Infrastructures Study | Zimbabwe |
| 1992 | European Union / Sotecni
ISIOLO-MOYALE ROAD REHABILITATION - Traffic study, feasibility study and environmental impact of the Isiolo-Moyale road rehabilitation: Feasibility study including survey, economic and financial analysis, traffic study and environmental impact assessment of the road section between Isiolo and Moyale leading from Kenya to Ethiopia | Kenya /
Ethiopia |
| 1992 | Ferrara Municipality
Economic and financial analysis for the URBAN LIGHT RAILWAY section between the central railway station at Ferrara and the station at Quartesana | Italy |
| 1992 | Grandi Lavori
Project analysis and environmental impact analysis for the HIGH-SPEED RAILWAY PROJECT MILAN-BOLOGNA, section between Milan and Piacenza

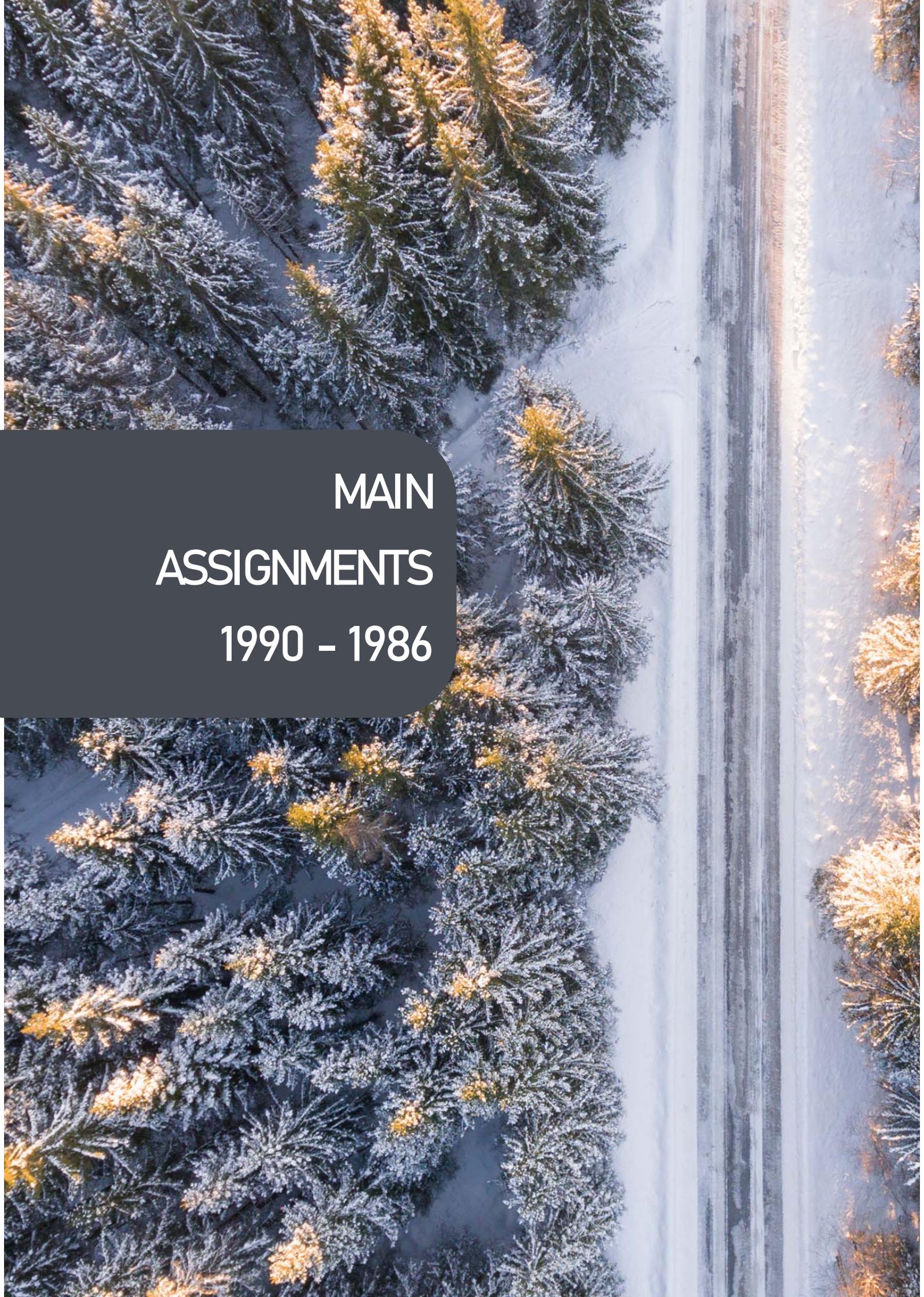
Canavesana railway project – Final design of functional lot | Italy |
| 1992 | Ministry of Transport / Bamest Consortium
M1 + M5 MOTORWAY IN HUNGARY - Feasibility study of the M1 + M5 motorway connection: Traffic study and financial analysis of the concession; optimum toll identification | Hungary |

1992	Lodigiani EASTERN RING ROAD AT LECCE – 1 st lot between SS 16 regional road (km 1+900) and highway N. 613 (LE-BR)	Italy
1992	Lombardini 2 nd expert's report on the technical and supplementary alternative SS 29 del Colle di Cadibona highway between km 138+000 and km 141+750	Italy
1992	Ministry of Public Works / AISICO Editing of a manual for the application of PUBLIC URBAN TRANSPORT PLANS (PUT) obligatory through art. 36 of the new road code	Italy
1992	National Airport Administration / Itlairport BUCHAREST AIRPORT REHABILITATION PROJECT - Feasibility study of the Otopeni Bucharest Airport rehabilitation project: Economic and financial analysis for concession of services	Romania
1992	Publitemica Editing of the application forms for the communitarian contribution for the initiative on TOURISM-RECEPTIVITY in the Mezzogiorno area: Tourist Village "Riva dei Normanni" at Torre Poli, Salve Municipality	Italy
1992	Technosynthesis FINAL PROJECTS FOR THE RAILWAY LINES: - Canavesana (functional lots I, II and III) - High-speed railway Milan-Bologna - New sleeping-car terminal Milan S. Cristoforo	Italy
1992	Terni Municipality STUDY ON THE TRANSPORT AND MOBILITY SYSTEM AT TERNI – Investment proposals for the urban transport sector	Italy
1991-1989	Italian Ministry of Foreign Affairs / Astaldi COCHABAMBA WATER SUPPLY SYSTEM - Feasibility study for the implementation of the new Cochabamba water supply system	Bolivia
1991-1989	Italian Ministry of Foreign Affairs / Astaldi NACAOME DAM FEASIBILITY STUDY in Honduras	Honduras
1991	Assisi Municipality Development of ALTERNATIVE TRANSPORTATION SYSTEMS between the railway station and Assisi Centre	Italy
1991	Bonifati Preliminary design and TRAFFIC STUDY for the national road Sora - Cassino (Frosinone Province). Fast road Sora - Autostrada del Sole	Italy

1991	Bonifica Economic analysis of public investments related to the TRIENNIAL ENVIRONMENTAL PLAN in various Italian regions	Italy
1991	Castelli Enterprise DEVELOPMENT OF TOURISM in the Upper Volturno basin - Socio-economic analysis in the integrated project for the development of tourism in the Upper Volturno basin in Isernia Province	Italy
1991	Chieti Municipality Feasibility study and POP-Form (PLURIENNAL OPERATIONAL PROGRAMME) for the waste treatment plant RSU, Chieti Municipality	Italy
1991	Condotte Acqua COLLECTOR ROAD for the industrial area Caserta Viadotto Regilagni and Rampa "D" Viaduct	Italy
1991	Design Consortium Intercons ENVIRONMENTAL IMPACT ASSESSMENT of the Milano-Verona high-speed railway	Italy
1991	Enel Gruppo Ambiente Research aimed to define the environmental advantages of the use of the ELECTRIC POWER IN THE TRANSPORT SECTOR with comparative analysis among EC Countries, USA and Japan	Italy
1991	European Union DIEMA-DIDIENI and KAYES-NIORO Roads - Tender document preparation for construction of Diema-Didieni and Kayes-Nioro roads	Mali
1991	European Union Project for STRENGTHENING THE SPMPC (Agricultural Agency of Mauritius) in De-rocking scheme	Mauritius
1991	European Union / Bonifica TRAFFIC STUDY for the restructuring project of Kaaka Bridge	Guinea
1991	Gruppo C - Construction Enterprise Financial analysis for RESIDENTIAL AND OFFICE BUILDINGS schemes in Bari Province	Italy
1991	Impresem Fast road Marsala Birgi Airport – STRUCTURAL DESIGN Fast road Sora - Autostrada del Sole – Lot for the completion of the project – km 6+400 - km 19+643	Italy
1991	Insud Parco Celano", S. Marco in Lamis town, Foggia Province -	Italy

Feasibility study for the TOURISM AND ENVIRONMENTAL sector in the area of "Parco Celano", S. Marco in Lamis town, Foggia Province

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| 1991 | <p>Intercons
FINAL DESIGN of the collector road between Due Mari Highway and Medio-Savuto highway</p> <p>Preliminary design for doubling of the railway line Genova-Ventimiglia</p> <p>Executive design for the intersections at SS 28 Dir and SS 564, link road at Mondovì</p> | Italy |
| 1991 | <p>Italian Ministry of Foreign Affairs
DAKAR-KIDIRA RAILWAY PROJECT - Feasibility study and tender documents for the Dakar-Kidira railway project</p> | Senegal |
| 1991 | <p>Molise Region
Plan for the establishment of a TOURIST PARK (recreation, tourist, historical sites valorisation, comprising 9 Municipalities), Italy</p> | Italy |
| 1991 | <p>Ferrara Municipality
ENVIRONMENTAL IMPACT STUDY of the Ferrara light railway system</p> | Italy |
| 1991 | <p>Pubblitecnica
Economic analysis for the TOURISM DEVELOPMENT PLAN in Lecce Province</p> | Italy |
| 1991 | <p>Technosynthesis
Preparation of the technical and economical offer for the RAILWAY CONNECTION between Trieste and Budapest</p> | Italy |

An aerial photograph of a winter forest. The ground is covered in a thick layer of snow. Numerous evergreen trees, likely spruce or fir, are scattered across the landscape. Some of the trees are heavily laden with snow, appearing white, while others have a mix of green and white. A road or path, possibly a frozen stream or a cleared area, runs vertically through the center of the image. The lighting is soft, suggesting a low sun, which creates a gentle glow on the snow and the tops of the trees.

**MAIN
ASSIGNMENTS
1990 - 1986**

1990	Astaldi BOLU MOTORWAY BY-PASS - Economic analysis of the motorway (TEM) section Bolu By-pass"	Turkey
1990	Bonifica / IRI-Italstat Final design for the basic infrastructures of Zone III, INDUSTRIAL AREA of Gioia Tauro Editing of the expert's report on the alternatives for the principal and secondary road infrastructure network in the industrial area of Gioia Tauro	Italy
1990	Calabria Region FEASIBILITY AND DESIGN of the connecting road between the Highway "Due Mari" and "Medio-Savuto" Highway – passing Montana del Salentino Municipality	Italy
1990	EBRD / Bonifica FATALÁ RIVER BRIDGE Construction Project - Feasibility Study for the Construction of a Bridge over Fatala River: Technical Assistance to the Ministry of Transport for road planning, design and maintenance operations at national level	Guinea
1990	Edil Costruzioni Planning and designing of the Pozzilli HOUSING DEVELOPMENT SCHEME	Italy
1990	European Union Study for the institution of an AGENCY FOR SMALL AND MEDIUM ENTERPRISES development	Hungary
1990	Foster Wheeler Italiana Feasibility study and traffic study for the KWEKWE-LUPANE ROAD (Zimbabwe)	Zimbabwe
1990	Italian Ministry of Foreign Affairs NAHUEL HOAPI NATIONAL PARK PROJECT – Preliminary design of a self-sufficient energy installation for the National Park Nahuel Hoapi	Argentina
1990	Italian Ministry of Foreign Affairs / C. Lotti & Associati Study for the infrastructure improvement to stimulate the internal-external TRANSPORT IN THE RIO NEGRO PROVINCE	Argentina
1990	Italian Ministry of Foreign Affairs / Italo-African Institute Manual for the introduction of LABOUR INTENSIVE TECHNIQUES	Italy
1990	Montalto di Castro Municipality MONTALTO TOURIST PORT construction and management - Feasibility study for the Montalto tourist port (600 berths);	Italy

	construction and management	
1990	N.I.E. FINAL DESIGN OF THE BELT WAY - Civitavecchia, Tarquina, Viterbo, Orte, Terni, Rieti : 3 sections, 1 lot A (encompassing route 1 bis and Vetralla-Tarquinia route)	Italy
1990	National Research Council / PFT1 Editing of the final "HIGHWAY SAFETY REPORT", Tema IV - 2.	Italy
1990	SPEA Traffic study and economic analysis for Favignana road project, Avellino Province	Italy
1990	SPEA / Iri-Italstat Feasibility study for the construction of Fondovalle-Fenestrelle road (Avellino)	Italy
1990	Unicem - (Fiat) Operational and technical restructuring of the cement production plant in Guidonia	Italy
1989	Bonifica / IRI-Italstat Final design for Highway A14 – New access road and parking area at Marotta, Pesaro Province Final design for ENEL access roads in the industrial area of Gioia Tauro Final design for the rehabilitation of Salerno-Naples Highway – section between km 2+900 and km 3+400	Italy
1989	Ce.M.I.M Preliminary design for the freight village of Jesi – Economic and financial feasibility analysis; final design of parking places	Italy
1989	Cogefar Research on the world market situation for the development of coal mines in Nigeria	Nigeria
1989	European Union Development of a "De-rocking Scheme" related to the agricultural development project in Mauritius	Mauritius
1989	Federici Enterprise Preliminary analysis and feasibility study for the realisation of a rice mill	Tanzania
1989	IRI-Italstat Final design of A1 Milan-Rome Highway, 3 lanes, Lama di Setta - Rioveggio	Italy
1989	Italian Co-operation / Cogefar	Cameroon

	Traffic analysis for Kumba-Mamfe road	
1989	Italian Ministry of Environment Feasibility study for 30 territorial projects	Italy
1989	Italian Ministry of Foreign Affairs Rural Project El Bolson - Design of rural housing using non-conventional energy sources in El Bolson	Argentina / Bolivia
1989	Italian Ministry of Foreign Affairs Project of a waste treatment plants in Patagonia	Argentina
1989	Italian Ministry of Foreign Affairs Rural Project El Bolson - Design of rural housing using non-conventional energy sources in Marajo	Brazil
1989	Italian Ministry of Foreign Affairs Rehabilitation of the present water supply network in Asmara	Eritrea
1989	Italian Ministry of Foreign Affairs Tender document preparation for the construction of the Niamey-Say road	Niger
1989	Italian Ministry of Foreign Affairs / Federici Feasibility Study of the Dar Es Salaam-Bagamoyo road	Tanzania
1989	Italian Ministry of Foreign Affairs / Fev Cons Saigon water supply project - Technical analysis of the rehabilitation and extension of the Saigon water supply in Ho Chi Minh City	Vietnam
1989	Italian National Research Council Traffic accident survey and elaboration model	Italy
1989	Italtekna / Somea Market analysis for the realisation of TIR transport on ferry boats: Variants Geneva - Naples – Palermo and Trieste - Ravenna - Bari	Italy
1989	Messina Province Final design of the project alternative of the link road between National Road 113 and Palermo-Messina Highway	Italy
1989	N.I.E. Construction design for the national road N.7 Appia – Benevento alternative, eastern access road to BN/A16 Highway, 2 nd lot	Italy
1989	Sotecni/ Iri-Italstat Study on the Adriatic road and highway corridor – section Rimini North and border to Marche Region	Italy
1989	Zimbabwe Ministry of Transport / Italian Ministry of Foreign Affairs Zimbabwe road planning, design and maintenance operations	Zimbabwe

project- Technical Assistance to the Ministry of Transport for road planning, design and maintenance operations at national level

1988	Bonifica Study and Design of the Intermodal Freight Centre of Crotone	Italy
1988	FAO - Food and Agricultural Organisation Integrated Rural Development Project of the Eastern Region of Burkina Faso - Rural Engineering	Burkina Faso
1988	ILO - International Labour Organisation S. Antao Island Water Supply Project: Design of hydraulic infrastructures using labour intensive techniques	Cape Verde Republic
1988	IRI-Italstat Final design of A1 Milan-Rome Highway, Valico Appenninico alternative Final design of the new industrial port of Cagliari Final design of A1 Milan-Rome Highway, enlargement to 3 lanes, Badia al Pino - Fiano Romano section	Italy
1988	Italian Ministry of Foreign Affairs Identification of the mobility model related to social-economic conditions in the S. Antao Island; Dynamic Statistical Observatory	Cape Verde Republic
1988	Italian Ministry of Foreign Affairs Tana-Beles Rural Infrastructure Project - Revision of the Tana-Beles Rural Infrastructure Project	Ethiopia
1988	Italian Ministry of Foreign Affairs Rehabilitation project of the Matadi-Kinshasa railroad line	Zaire
1988	Italstudi Environmental impact study for the construction of a bridge across the Laurenzana River	Italy
1988	Italtekna Integrated Transport Study of the city of Bari	Italy
1988	Italtekna / Somea Feasibility Study of Italy's North-South goods transport through a combined regular system of ro-ro transshipments in alternative to rail and road transport	Italy
1988	Italian Ministry of Transport Study on transport planning strategies and economical-technical analysis of infrastructures in Lake Garda Area	Italy
1988	Pubblitecnica Leakage detection in Addis Ababa water supply system	Ethiopia

1988	<p>Regional Administrations Preparation of FIO (Investment and Employment Fund) Procedures for</p> <ul style="list-style-type: none"> - Rehabilitation Project Delta of River PO – Veneto Region - Waste treatment plant at Rovigo – Veneto Region - Waste treatment plant at Asiago – Veneto Region - Rehabilitation of Corbola – Ministry of Public Works - Rehabilitation of Scardovari – Ministry of Public Works - Tourist Port 1 – Calabria Region - Tourist Port 2 – Calabria Region - Rehabilitation of Castello di Vigevano - Lombardia Region - Rehabilitation of Palazzo Chigi – Tuscany Region - Construction of a school at Martina Franca – Puglia Region - Environmental rehabilitation of Consorzio Ugento – Puglia Region - Environmental rehabilitation of Simbrivio– Puglia Region - Oristano Port Project – Puglia Region 	Italy
1988	<p>Somea Study of the strengthening and rehabilitation of the infrastructures network of Fiera del Levante in Bari</p>	Italy
1987	<p>Astaldi Preliminary project of the Batshamba-Rivière Loange road (116 km)</p>	Zaire
1987	<p>Autostrade Data analysis regarding summer rush hours (and days) in the national motorway network</p> <p>Automatic model for the calculation of the equivalence of heavy vehicles in function of the geometrical characteristic of the road section</p>	Italy
1987	<p>Engineering Consulting & Services Final design for the enlargement of Via Olimpica between Piazza Maresciallo Giardino and Tor di Quinto intersection, Rome</p>	Italy
1987	<p>FAO - Food and Agricultural Organisation Integrated Rural Development Project of the Central Region in Panama - Rural Engineering</p>	Panama
1987	<p>Insser / Dam / Sotecni Consortium Environmental Impact Assessment of the High Speed Railway link Emilia Romagna-Veneto</p>	Italy
1987	<p>Italian Co-operation / Cogefar Feasibility Study for Tonga-Bafoussam road - Feasibility study including survey, economic and financial analysis, traffic study and environmental impact assessment of the road section between Dar Es Salaam and Bagamoyo</p>	Cameroon
1987	<p>Italian Ministry of Foreign Affairs</p>	Angola

Rehabilitation scheme of five industrial complexes for drying salt and drying up at fish, in the industrial development plan in the Namibia province

1987	Italian Ministry of Foreign Affairs Design of rural housing using non-conventional energy sources in San Raphael-Mendoza	Argentina
1987	Italian Ministry of Foreign Affairs Pre-feasibility study for the Rugombo-Kayanza road (122 km)	Burundi
1987	Italian Ministry of Foreign Affairs Feasibility Study for the Djibouti-Tadjoura road project	Djibouti
1987	Italian Ministry of Foreign Affairs Identification and project document preparation for rural infrastructure projects (roads, aqueducts etc) in Arsi and Bale Regions - Phase 1	Ethiopia
1987	Italian Ministry of Foreign Affairs Final design and technical assistance in the construction of five artisan fishing centres along the Gambia River Design and technical assistance for the implementation of the two fluvial fishing centres in the Kiang	Gambia
1987	Italian Ministry of Foreign Affairs Transport Plan Study of the Western Africa Region and identification of priority investments	Western Africa Region
1987	Italian Ministry of Foreign Affairs / NGO: Sviluppo e Pace Final Design of the Nanorò-Boussé road	Burkina Faso
1987	Sotecni/ Iri-Italstat Road network strengthening along the Adriatic Corridor Rimini-Ancona	Italy
1987	Technosynthesis Contract competition for railways in concession - Modena - Sassuolo; - Alifana; - Canavesana; - Ferrate Sarde	Italy
1987	Technosynthesis MIFERSO Project: Koudekourou – Tambacounda Railway line: Final design, design of hydraulic works, technical specifications and cost estimate	Senegal
1986	Astaldi / Its Aero-Naval Base of Chimbote - Mobility plan and road network dimensioning for the Aero-Naval Base of Chimbote	Peru

1986	Autostrade Data Bank of geometrical characteristic, pavement quality and accident records for the definitions of the high accident frequency location	Italy
1986	Girola-Ecoconsulting Traffic Plan of the Domodossola town and design of vehicles storage	Italy
1986	ILO - International Labour Organisation Rural Development Plan of the S. Antao Island: Design of agricultural infrastructures using labour intensive techniques Transport Development Plan of the S. Antao Island: Design of rural roads (rehabilitation and construction) using labour intensive techniques	Cape Verde Republic
1986	Intercons Final design for the enlargement of the connection state road between Prossedi and national road N° 7 Appia	Italy
1986	Italian Ministry of Foreign Affairs Feasibility Study of Kumba – Mamfe road Feasibility Study of the Dshang-Bamougoum road (90 km)	Cameroon
1986	Italian Ministry of Foreign Affairs Tourist Development Plan of the Medium Valley of the Nile River	Egypt
1986	Montesarchio Municipality Final design and supervision of construction works for the methane-gas adduction and distribution network at Montesarchio Municipality	Italy
1986	Forlì Municipality Feasibility Study (FIO procedure) of the new Municipal Theatre of Forlì	Italy
1986	Pubblitecnica Feasibility study and design of the gas-distribution network in the Telesse area (13 Municipalities)	Italy
1986	SPEA Aosta-M. Bianco Motorway Feasibility Study	Italy

MAIN
ASSIGNMENTS
1986 - 1977



1985	European Union / Somea Feasibility Study of Gitarama-Kibuye road	Rwanda
1985	FAO - Food and Agricultural Organisation Integrated rural development project of the Anjouan Island -Rural Engineering	Comoro
1985	Italian Ministry of Foreign Affairs / Italgas Assomada-Porto Rincao Road Project - Preliminary Design of Assomada-Porto Rincao road (27 km)	Cape Verde Republic
1985	Mededil / EcS Iri-Italstat New Commercial Centre in Naples: Parking and Stores Design	Italy
1985	Miferso Structural Design of railway bridges of the Faleme line	Senegal
1985	Pubblitecnica Feasibility Study (FIO procedure) of the new aqueduct of Casale Monferrato, Torino	Italy
1985	Tecneco Irrigation schemes for San Francesco area, Paragua	Venezuela
1984- 1977	Ministry of Public Works / EBRD / Sauti Priority interventions in the rehabilitation of the road network	Afghanistan
1984- 1977	African Development Fund Preliminary Design of rural road projects	Burundi
1984- 1977	Banca d'Italia / Somea Intermodal Graph of the Italian transport network and “minimum path” analysis	Italy
1984- 1977	Cassa del Mezzogiorno / A.I.C. National Road 157 (Biferno nel Molise) - Bridges Design	Italy
1984- 1977	Edilimpianti 2001 Design of the training centre building in Civita Castellana	Italy
1984- 1977	EUROPEAN UNION – EDF / Technosynthesis The transport network in the Food Security Plan of SADCC Countries	SADCC Countries
1984- 1977	FAO - Food and Agricultural Organisation Integrated rural development project at national level, Lebanon	Lebanon
1984- 1977	FAO - Food and Agricultural Organisation Integrated Rural Development Project - Rural Engineering, Uganda	Uganda
1984-	ILO - International Labour Organisation	Ethiopia

1977	Addis Ababa Urban Reconstruction Projects - Urban reconstruction plan of the marginal areas of Addis Ababa, using labour intensive techniques	
1984-1977	Italian Ministry of Foreign Affairs / Senegal Infrastructure plan for the Rural Integrated Plan of Casamance	
1984-1977	Paliano Municipality Design and supervision of works of the gas distribution network of Paliano	Italy
1984-1977	Rome Municipality Traffic and parking plan in Rome historical centre.	Italy
1984-1977	Perugia District Administration Technical and managerial restructuring of public transport lines in Perugia province	Italy
1984-1977	S.I.I. Drinking water plant in Nuoro (Sardinia) and water treatment at Pescara	Italy
1984-1977	Sauti Tripoli Urban Reconstruction Project Feasibility study of the "Zliten Cement Factory"	Libya
1984-1977	Ministry for Municipal and Rural Affairs / Municipality of Riyadh / Sauti Consulting engineers Riyadh Urban Reconstruction Project: Final Design and traffic management during construction for the fourth stage of Riyadh Urban Roads Improvement Project	Saudi Arabia
1984-1977	Ministry of Communications General Technical Administration / Renardet / Sauti Consulting engineers Design of the Tayma-Tabarjal road project	Saudi Arabia
1984-1977	Iran - Ministry of Roads and Transport / IRANSauti Consulting engineers Shahreza-Behbahan Road Project: Shareza-Semiroum: Section 1a: Final Design	Iran
1984-1977	SPEA / Iri-Italstat Feasibility studies of twelve roads	Zimbabwe
1984-1977	SPEA / Iri-Italstat Feasibility study of the new motorway section Aosta-Trafo Monte Bianco	Italy
1984-1977	UNDP / UNSO Supervision and reprogramming of the feeder roads projects financed by Italy and carried out by UNSO/OPE	Sahelian Countries

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|---------------|---|--|
| 1984-
1977 | UNDP / UNSO
Supervision of construction works for 5 road sections | Niger,
Senegal,
Capo Verde
Tanzania |
| 1984-
1977 | Italian Ministry of Foreign Affairs
Northern Tanzania Transport Study - Identification of road priority interventions | |

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