

Frederic Ximeno Roca (Barcelona, 1967)

*Biologist (UB) Professional Master in Urban and Territorial Studies (EAPC-UPC-UPF) and Technical Urban Planner (EAPC).*

From February 2011 he is back in the company and takes the position of Director of Business Development, after a period of four years in the Governement of Catalonia.

In his professional career, during which he has worked in both the **private and public sectors**, Frederic Ximeno Roca has focused on **environmental planning, climate, land and urban development** and developing local development strategies, both regional and national, from the point of view of sustainability. In the private sector, he has worked for such companies as Estudi Ramon Folch, ERF (2003-2006), GFE-Socintec (1997-2003) and the CEP Centre for Planning Studies (1993-1997), whilst in the public sector he was appointed Director General for Environmental Policy and Sustainability at the Government of Catalonia's Environment and Housing Ministry (2006-2010).

In the **private sector**, he has managed, coordinated and participated in multidisciplinary teams engaged in carrying out 10 environmental audits/Local Agendas 21, 9 Strategic Plans and other **environmental and regional planning** projects in Catalonia, Navarre, Aragon, the Balearic Islands, the Community of Valencia, El Salvador and Mexico. He has coordinated environmental assessment for planning the Transverse Railway System in Catalonia (2005), the Partial Territorial Plan for the Camp de Tarragona region (2006) and the Metropolitan Region of Barcelona Mobility Plan (2006), amongst many other social and environmental and regional development projects. He is co-author of the *Criteria for the Territorial Planning of Mallorca* (1998) and, more recently, *Sustainability Planning* (2003), *Concurrent Metropolitan Planning* (2004) and *The Social and Environmental Challenges of Agriculture* (2006), among others.

**At international level**, he worked as Assistant Director on the **Master Plans for Urban Development in Santa Ana and Sonsonate** (El Salvador) in 1996-97, and participated in environmental and land assessment in Juarez (Mexico) within the framework of the Strategic Plan (2002). He also participated as a representative of the government of Catalonia and member of the Spanish delegation to the **Climate Change Convention** in Bali, Poznan and Copenhagen, at the **summits on Climate Change** in Saint Malo and Montevideo, as well as a member of the Spanish delegation during the Spanish presidency of the EU at the meetings of environment ministers in Seville, Brussels and Luxembourg, among others.

In the field of **urban planning**, he has worked with several teams of planners to incorporate social and environmental criteria and/or the organisation of land planning in 18 Catalan municipalities. He has also worked on sustainability and greening programmes in more than 20 urban and suburban projects, as well as leading environmental impact studies and executive projects and environmental monitoring processes of urbanisation. He also participated in planning urban developments in several Catalan municipalities. These include the Bages Technology Park and the Ca l'Arnús Park in Badalona.

He has also worked in **environmental management** and on the assessment of progress towards sustainability at local and sectorial levels (energy, agriculture, tourism...), through the definition and implementation of systems of indicators and models for environmental management such as offices for the development of Agendas 21 (2001-2003); participating in

the AENOR working group preparing the EMAS guide for corporations (2001); and establishing the Energy Observatory in Barcelona (2004) and analyzing the energy balance of the city (2005-2006). He was engaged in this field of action by various corporations (Barcelona, Sant Just Desvern, Castelldefels, Sant Adria del Besos, Barcelona Provincial Council, regional bodies...), Tarragona Province (Government of Navarre, Governments of Catalonia and the Balearic Islands...) and the Spanish Environment Ministry.

As **General Director for Environmental Policies and Sustainability** at the Government of Catalonia's Environment and Housing Ministry (DMAH), he was responsible for drawing up and implementing, for the first time in Catalonia, a coherent policy on climate change, setting up the **Catalan Office for Climate Change, the Interdepartmental Committee on Climate Change and the Framework Plan for Climate Change Mitigation 2008-2012**. Based on a participatory process involving Catalan society, this Framework Plan contains 185 measures that are currently at the implementation stage. He also promoted the first comprehensive study aimed at establishing Catalan policy for adapting to climate change and the creation of the **Catalan Institute for Climate Sciences** as a centre of excellence in R&D. He actively represented the government of Catalonia on the Spanish Policy Coordination Committee on Climate Change, and at the COP in Bali, Poznan and Copenhagen; he also participated in the coordination of the Barcelona Climate Talks (2009) and was central in securing the move of the Carbon Expo Fair to Barcelona. Since 2006, greenhouse gas emissions in Catalonia have decreased.

Moreover, he promoted public policy on environmental assessment, establishing Law 6/2009, on the environmental assessment of plans and programmes, and consolidating assessment activities in order to include environment and climate criteria at the early stages of regional territorial, urban and sectorial planning (ports, airports, shopping centres, roads, energy ...), signing the resolutions to 46 environmental reports on regional and sectorial planning in Catalonia. Through the regional environmental assessment offices, moreover, he promoted assessment of more than 200 resolutions on environmental urban planning, as well as establishing environmental assessment for more than 90 regional development projects, establishing criteria of restoration and compensation. He also participated in the drive for the installation of 800 MW eco-friendly wind power generation facilities in Catalonia between 2007 and 2010 and in the process of defining and adjudicating the competition for Priority Development Areas in Catalonia, where 750 MW wind power will be installed by 2015.

He was also responsible for establishing the **first Catalan sustainable development strategy** for the provision of support to Catalan local authorities and environmental organisations to promote actions aimed at reducing emissions and increasing environmental awareness and information. He promoted such initiatives as: the creation of a network of schools for sustainability in Catalonia, which is now formed by more than 950 education centres; the complete renewal of the Environment and Housing Ministry website and the creation of new sites devoted to Natural Parks and Climate Change respectively.

Whilst his contribution was crucial in including sustainability as a key vector in the National Pact for Research and Innovation, he was also responsible for establishing the first DMAH R&D Plan.

He has also participated in several publications as co-author, namely: ***Tools for Municipal Management Towards Sustainability (1997)***; ***Spanish System of Environmental Tourism Indicators (2003)*** and ***Concurrent Metropolitan Planning (2004)***. He has published articles on socio-environmental thinking in several magazines: *Barcelona Verda*, *Sostenible*, *Barcelona Metropolis Mediterrànea*. He has also been visiting professor at several MA and Postgraduate

Courses at Catalan universities (UAB, UPC, UPF, UdG UB) and was coordinator of the first edition of the MA in Integrated Water Management (FPC). As part of his public sector duties, he has gave numerous public presentations in Catalonia and many other countries. He writes newspaper articles and contributions for various publications (*Prospectiva*, *New Horizons*, newsletter of the Catalan Association of Environmentalists, etc.), and has helped to launch several publications on environmental education, green building and environmental assessment. He is a member of the Association of Technical Urban Planners of Catalonia.

# PLANNING, PROJECT PLANNING, AND MANAGEMENT

## Climate change

- 2007-10 DESIGN, CREATION AND PROMOTION OF THE CATALAN OFFICE ON CLIMATE CHANGE. DMAH Government of Catalonia. Director-General.
- 2007-10 DESIGN, ESTABLISHMENT AND PROMOTION OF THE CLIMATE CHANGE INTERDEPARTMENTAL COMMISSION. DMAH Government of Catalonia. Director-General.
- 2007 GOVERNMENT OF CATALONIA REPRESENTATIVE AND MEMBER OF THE SPANISH DELEGATION AT THE 13th CONVENTION OF THE PARTIES TO THE UNITED NATIONS FRAMEWORK CONVENTION ON CLIMATE CHANGE. Bali. Government of Catalonia DMAH. Director-General.
- 2007-08 DESIGN AND PROMOTION OF THE FRAMEWORK PLAN FOR CLIMATE CHANGE MITIGATION 2008-2012. DMAH Government of Catalonia. Director-General.
2007. SUPPORT AND COOPERATION IN THE DESIGN OF THE TV WEEK IN CATALONIA ON CLIMATE CHANGE. Government of Catalonia DMAH. Director-General.
- 2008 DESIGN, ESTABLISHMENT AND PROMOTION OF THE PARTICIPATORY PROCESS: CATALAN CONVENTION ON CLIMATE CHANGE. DMAH Government of Catalonia. Director-General.
- 2008 CARBON EXPO. Co-organization of the Catalonia Pavilion. Participation in negotiations for transfer to Barcelona. Government of Catalonia DMAH. Director-General.
- 2009-10 DESIGN AND PROMOTION OF THE 2008-2009 REPORT AND THE 2010 ACTION PLAN ON MITIGATION OF CLIMATE CHANGE. DMAH Government of Catalonia. Director-General.
- 2010 DESIGN AND PROMOTION OF THE FIRST REPORT ON PROGRESS TOWARDS THE KYTO OBJECTIVES. DMAH Government of Catalonia. Director-General.
- 2007-10 REPRESENTATIVE OF THE GOVERNMENT OF CATALONIA ON COMMITTEE FOR COORDINATION OF POLICIES FOR CLIMATE CHANGE AND NATIONAL CLIMATE COUNCIL. Madrid. Government of Catalonia DMAH. Director-General.
- 2008 REPRESENTATIVE OF THE GOVERNMENT OF CATALONIA AND MEMBER OF THE SPANISH DELEGATION AT THE 14th CONVENTION OF THE PARTIES TO THE UNITED NATIONS FRAMEWORK CONVENTION ON CLIMATE CHANGE. Poznan. Inclusion of the amendment for the recognition of sub-national governments in working papers. Government of Catalonia DMAH. Director-General.
- 2009 REPRESENTATIVE GOVERNMENT OF CATALONIA AND SIGNATORIES FOR DELEGATION OF INCORPORATION OF THE CATALONIA "TERRITORIAL APROACH TO CLIMATE CHANGE" of UNDP for interregional cooperation on climate. Poznan. Government of Catalonia DMAH. Director-General.
- 2007-08 COOPERATION IN DESIGN AND PROMOTION OF THE UNITED NATIONS (UNDP) TAGC COOPERATION PROGRAMME FOR DEVELOPMENT RELATED TO CLIMATE. PROGRAM DESIGN AND PUSH-CATALONIA FATIK (Senegal). Government of Catalonia DMAH. Director-General.
- 2009 COORDINATOR OF INSTITUTIONAL AND REPRESENTATIVE GOVERNMENT OF CATALONIA AND MEMBER OF THE SPANISH DELEGATION IN BARCELONA Climate Change Talks. Government of Catalonia DMAH. Director-General.
- 2007-10 DESIGN AND PUSH FOR GRANTS PROGRAM In order to promote local policies for reducing emissions of greenhouse gases. Government of Catalonia DMAH. Director-General.
- 2009 REPRESENTATIVE GOVERNMENT OF CATALONIA AND MEMBER OF THE SPANISH DELEGATION TO 15 OF THE PARTIES OF THE CONVENTION FRAMEWORK CONVENTION ON CLIMATE CHANGE UNITED NATIONS. Copenhagen. Government of Catalonia DMAH. Director-General.
- 2007-10 SUPPORT AND PARTICIPATION IN THE BOARD'S SECOND REPORT ON CLIMATE CHANGE IN. 2008-10. Government of Catalonia DMAH. Director-General.

- 2009 REPRESENTATIVE GOVERNMENT OF CATALONIA AND WESTERN REGIONS OF THE SUMMIT II by climate change. Montevideo. Government of Catalonia DMAH. Director-General.
- 2009 PROMOTION OF THE FIRST WORK FOR BASE strategy ADAPTATION TO CLIMATE CHANGE IN CATALONIA: Ebro Delta. Government of Catalonia DMAH. Director-General.
- 2009-10 AND DESIGN OF PUSH voluntary agreement to reduce CO2 emissions. Government of Catalonia DMAH. Director-General.
- 2010 REPRESENTATIVE GOVERNMENT OF CATALONIA AND WESTERN REGIONS OF THE SUMMIT II by climate change. Montevideo. Government of Catalonia DMAH. Director-General.
- 2009 SUPPORT, PROMOTE AND MEMBER OF THE EXECUTIVE COMMITTEE OF THE NEW CATALAN INSTITUTE OF CLIMATE (IC3). Government of Catalonia DMAH. Director-General.

## *Social and environmental strategies, of regional, sectorial and local development*

- 2009. FIRST SUSTAINABLE DEVELOPMENT STRATEGY OF CATALONIA. Design and momentum. Director-General. DMAH Government of Catalonia:
- 2007-10. PROMOTION OF THE RESOLUTION OF 20 RECORDS OF WIND FARMS IN CATALONIA. Promotion and re-integration of environmental criteria. Director-General. DMAH Government of Catalonia.
- 2008-09. WORKING GROUP FOR THE DESIGN OF THE IMPLEMENTATION OF THE DECREE OF PHOTOVOLTAIC AND WIND ENERGY IN CATALONIA. Director-General. DMAH Government of Catalonia:
- 2009-10. ENVIRONMENTAL ASSESSMENT OF PROJECTS SUBMITTED TO THE CONTEST OF THE WIND ZDP. Director-General. DMAH Government of Catalonia:
- 2010. MEMBER OF THE COMMITTEE ON SELECTION OF PROJECTS FROM THE COMPETITION Wind ZDP. Director-General. DMAH Government of Catalonia:
- 2010. FIRST DEPARTMENTAL RESEARCH AND INNOVATION PLAN. Design and momentum. Director-General. DMAH Government of Catalonia:
- 2008. FOCUS OF FIRST DEVELOPMENT COOPERATION AND DEPARTMENTAL FRAMEWORK AGREEMENT BETWEEN THE CATALAN COOPERATION DMAH Agency. Director-General. DMAH Government of Catalonia.
- 2008-10. ESTABLISHMENT OF EUROPEAN COMMISSION TO PROMOTE AND PARTICIPATE IN THE DECISION PROCESS OF THE EU (Council of Environmental Ministers of the EU Common Position of the Autonomous Communities, public consultations ...). Director-General. DMAH Government of Catalonia.
- 2007-08. WORKING GROUP FOR THE DESIGN OF THE PRIORITY AREAS OF DEVELOPMENT (ZDP) MAP OF THE WIND. Director-General. DMAH Government of Catalonia:
- 2007-10. RESOLUTIONS ON EVALUATIONS OF ENVIRONMENTAL PLANS AND PROGRAMS SECTOR. Director-General. DMAH Government of Catalonia:
  - Rural Development Programme 2007-2013 in Catalonia, 2007
  - Transportation Plan of Catalonia, 2007
    - Plan of airports and heliports in Catalonia, 2008
    - Infrastructure Plan of municipal waste management, 2008
  - Cultural Facilities Plan (ECCP), 2009
    - Housing Sector Plan, 2010
    - Program of sewage sludge treatment, 2010
    - Water reuse program in Catalonia, 2010
    - Program of measures of the Management Plan of River Basin Areas of Catalonia, 2010
  - Zonar Plan of flow keeping of upper river Ter, 2010
  - Industrial Waste Management Programme of Catalonia (PROGRIC), 2008
  - Municipal waste management program of Catalonia (PROGREMIC), 2008
  - Management Program of construction waste in Catalonia (PROGROC), 2008
  - Framework Plan for Climate Change in Catalonia 2008-2012, 2008

Action plan to restore air quality in 40 municipalities in the metropolitan area of Barcelona, 2007  
 Passenger Transport Plan for Catalonia 2007-2013, 2008  
 Strategic Bicycle Plan, 2008  
 Master Plan of Mobility of the Barcelona Metropolitan Region, 2007  
 Master Plan for the Disabled of Tarragona, 2010  
 Master Plan for the mobility of Girona, 2010  
 Plans for urban mobility in Barcelona (2007), Granollers (2008) and Sabadell (2010)

- 2005-06. DIAGNOSIS OF THE TERRITORIAL STRATEGIC PLAN OF THE MARESME. County Council Maresme. Co-Coordinator for ERF and MCRIT.
2005. INTERMEDIARY COASTAL AREAS OF THE METROPOLITAN REGION OF BARCELONA. Master Project Professional Urban and Regional Studies. *Coauthor*.
2004. RULES FOR sustainability for the new Statute of Catalonia. Department of Institutional Relations and Participation, Government of Catalonia. *Senior Project Manager, ERF*
2004. TERRITORIAL SUSTAINABILITY CRITERIA FOR CATALUNYA. Policy Planning and Public Works Department, Government of Catalonia. *Head project, ERF*
2004. METROPOLITAN CONCURRENT PLANNING. Barcelona Metropolitan Strategic Plan. *Senior Project Manager, ERF*
2004. STRATEGIC CONFERENCE ON FOREST POLICY. Farmers Union. *Head of the project, ERF*
2003. STRATEGIC DIAGNOSIS OF JUAREZ (MEXICO). Consortium Strategic Plan for Juarez. *Member of the team planning, environmental and territorial model, Socintec*
- 2002-03. CALAFELL STRATEGIC DIAGNOSTICS. Calafell City Hall. *Project Manager Model Planning and Environmental Socintec*
- 2002-03. ABRERA STRATEGIC DIAGNOSTICS Town Abrera. *Project Director, Socintec*
2002. UPDATING APPROACHES FOR THE STRATEGIC PLAN OF THE CITY CENTER. Council of Sabadell. *Project Director, Socintec*
- 2001-02. STRATEGIC PLAN OF CATARROJA (Valencia). City Council Catarroja. *scheduler Team. Model Planning and Environmental Socintec*
2002. STRATEGIC PLAN OF VILANOVA I LA GELTRÚ. City Council of Vilanova i la Geltrú, *Teamplanner. Model Planning and Environmental Socintec*
2000. STRATEGIC PLAN OF CASTELLAR DEL VALLÈS. City Council of Castellar de Vallès. *Planning Team. Regional Analysis Model, GFE*
- 1999-00. ENVIRONMENTAL AUDITS AND RULES FOR THE LOCAL AGENDA 21 OF THE CITIES OF VILLABA, ANSOAIN and EGÜES (NAVARRA). Government of Navarre. *Project Coordinator, JV GFE-EIN*
- 1998-99. STRATEGIC PLAN of Sant Just Desvern. City Council of San Just Desvern. *Team Member planner. Model Place. GFE*
- 1998-99. AUDITS AND ENVIRONMENTAL CONDITIONS FOR LOCAL AGENDA 21, OF PAMPLONA, TAFALLA AND CIENTRUENIGO. *Gobierno de Navarra. Project Coordinator, GFE*
- 1998-99. LOCAL AGENDA 21. City Council of Castelldefels. *Project Coordinator, GFE*
- 1997-98. AUDIT AND ENVIRONMENTAL CONDITIONS OF LOCAL AGENDA 21 Sant Feliu de Llobregat. Provincial Council of Barcelona-Sant Feliu de Llobregat. *Member of the audit team. Coordinator of the Environmental Action Plan, GFE*

## Regional and urban planning

- 2007-10 RESOLUTIONS IN MEMORY OF ENVIRONMENTAL territorial and urban planning. Director-General. DMAH Government of Catalonia:
- Partial Regional Plan of western Catalonia. Speaker, 2007
  - Partial Territorial Plan of Central Region, 2008
  - Partial Territorial Plan of Tarragona, 2009
  - Metropolitan Plan, area of Barcelona, 2010
  - Partial Territorial Plan of the Lands of the Ebro river, 2010
  - Regional Partial Plan of Girona Counties, 2010
  - Regional Master Plan of Alt Penedès, 2008
  - Regional Master Plan of the Garrotxa, 2008
  - Urban master plan for the Colonies Llobregat, 2008
  - Urban master plan for the Basin of Òdena, 2008
  - Urban master plan for the Pallars Subirà region, 2008
  - Urban master plan for La Cerdanya, 2008
  - Urban master plan for Val d'Aran, 2010
  - Master Plan for strategic residential areas (12 plans), 2009-10
  - Urban master plan for the transversal railway, 2009
  - Urban master plan for the orbital railway, 2010
  - Urban master plan of the Pla de l'Estany, 2010
  - Urban master plan of the urban system of Girona, 2010
  - Urban master plan for the Colonies of rivers Ter and Freser, 2010
  - Urban master plan of the urban system in Figueres, 2010
- 2007-10. ENVIRONMENTAL ASSESSMENT OF PROJECTS. Director-General. DMAH Government of Catalonia:
- Evaluation of 90 projects under his responsibility mainly road infrastructure, rail and wind.
- 2008-09. LAW 6 / 2009 environmental assessment of plans and programs. Promoted the drafting and presentation to Parliament. Director-General. DMAH Government of Catalonia.
- 2007-10. Environmental Assessment of urban planning. Promotion and coordination of functional regional environmental assessment office (200 assessments and planning resulting POUM). Director-General. DMAH Government of Catalonia.
- 2008-09. SUPPORT FOR THE ESTABLISHMENT OF BADAIA: database for environmental assessment. Director-General. DMAH Government of Catalonia:
- 2006. DRAFT OF URBAN MASTER PLAN FOR THE PLA DE L'ESTANY.. Department of Public Works. Government of Catalonia. *Senior Project Manager, ERF.*
  - 2006. MODEL OF URBAN REGULATIONS FOR NON URBAN LAND. Interlands, SL. *Project Manager, ERF.*
  - 2005-06. MOBILITY PLAN OF THE METROPOLITAN REGION OF BARCELONA. Environmental Sustainability Report. Metropolitan Transport Authority. Senior Project Manager, ERF.
  - 2005-06. TERRITORIAL PARTIAL PLAN OF "CAMP DE TARRAGONA"(DRAFT). Environmental Sustainability Report. Department of Public Works, Government of Catalonia. *Senior Project Manager, ERF.*
  - 2005. . NON URBAN LAND PLANNING. Town Hall of Castelló d'Empúries. *Senior Project Manager, ERF for Interland, SL and City Council.*
  - 2005. SAU 21 URBAN PARTIAL PLAN FOR A THERMAL EQUIPMENT AND ENVIRONMENTAL REPORT. **Samalús (Cànoves Samalús)**. Thermal Samalús SA. *Senior Project Manager, ERF*
  - 2004-05 NON URBAN LAND PLANNING AND ENVIRONMENTAL REPORT. City Council of Cambrils. *Senior Project Manager, ERF for Interland, SL*
  - 2004. SPECIAL PLAN MOUNTAIN **CAN RIBA (GIRONA)** . ENVIRONMENTAL ANALYSIS AND CRITERIA **FOR RESTORATION** . Rubau SA. *Senior Project Manager, ERF for architects MBM*

2004. ADAPTATION OF URBAN PLANNING TO THE LAW 2 / 2002. ENVIRONMENTAL REPORT. Barcelona Provincial Council. *Senior Project Manager, ERF*
2004. ENVIRONMENTAL ASSESSMENT AND RECOMMENDATIONS FOR THE COMMON USE AREA CAN ADMIRAL City Council of Sant Llorenç d'Hortons. *Senior Project Manager, ERF for Narcissus Tusell Architects*
- 2003-04. SOCIOENVIRONMENTAL EVALUATION OF AN AGROFORESTRY AREA. Sant Just Desvern. Association of Municipalities of the Barcelona area. *Senior Project Manager, ERF*
2003. ANALYSIS OF THE TERRITORIAL INSCRIPTION OF SECTORr 2 Gurb. BCN Architects, LTD. *Head project, ERF*
2002. REPORT OF ENVIRONMENTAL MODIFICATIONS OF THE METROPOLITAN MASTER PLAN OF SANT CUGAT / CERDANYOLA. Cuatrecasas Abogados / Selva, SA. *Project Director, Socintec*
2002. ENVIRONMENTAL REPORT ON THE PROGRESS OF THE GENERAL PLAN OF ALCANTARILLA (Murcia). Town Council of Alcantarilla. *Project Director, Socintec for EGI*
2002. GENERAL PLAN OF Sant Llorenç d'Hortons. PROPOSED LEGISLATION AND REGULATION. City of Sant Llorenç d'Hortons. *Project Director, Socintec for Narcissus Tusell*
2002. CARDEDEU GENERAL PLAN TO DEVELOP. PROPOSED ARRANGEMENT OF CARDEDEU. City Council of Cardedeu. *project manager, Socintec for Formaplan*
2001. GENERAL PLAN. PROPOSAL FOR NON URBAN LAND PLANNING OF OLERDOLA. City Council of Olerdola. *BCN Freelance for Architects*
2000. GENERAL PLAN. PROPOSAL FOR NON URBAN LAND PLANNING OF GURB. City Council Gurb. *BCN Freelance for Architects*
- 2000-01. GENERAL PLAN. PROPOSAL FOR NON URBAN LAND PLANNING OF LLINARS DEL VALLÈS. City Council Llinars del Valles. *BCN Freelance for Architects*
2000. ENVIRONMENTAL SUBSIDIARY RULES. PROPOSAL FOR NON URBAN LAND PLANNING OF CANOVES AND SAMALUS. City Council of Cànoves and Samalús. *BCN Freelance for Architects*
1999. GENERAL PLAN. PROPOSAL FOR NON URBAN LAND PLANNING OFROQUETAS. City Council of Roquetas. *BCN Freelance for Architects*
1998. APPROACHES TO THE REGIONAL PLAN OF MALLORCA. Regional Council of Mallorca. *Project Coordinator, GFE*
- 1996-97. MASTER PLANS OF URBAN DEVELOPMENT OF SANTA ANA AND THE METROPOLITAN AREA OF SONSONATE (El Salvador). Vice-Ministry of Housing and Urban Development of El Salvador - the Inter-American Development Bank. *Assistant Technical Director, tube- CEP .*
- 1996-97. ENVIRONMENTAL MANAGEMENT PLANS FOR THE CITY OF SANTA ANA and the metropolitan area of SONSONATE (El Salvador). VVDU El Salvador - IDB. *Coauthor, tube-CEP*
- 1996-97. OVERALL PROGRAM ON OPEN AREAS/RECREATION/ENVIRONMENTAL PROTECTION OFSANTA ANA AND THE METROPOLITAN AREA OF SONSONATE (El Salvador). VVDU El Salvador - IDB. *Coauthor, tube-CEP*
1995. SPECIAL URBAN PLAN OF LA CONRERIA-SANT METEU\_ CÈLLECS(PEIN). Department of Environment of the Government of Catalonia. *Review and restructuring of the technical plan. Proposal for action. Freelance Minuartia for Environmental Studies, SL.*
- 1994-95. CRITERIA FOR THE RECOVERY OF THE RIVERSIDE OF THE HEAD OF THE RIVER IN THE BESOS BASIN. Consortium for the Defence of the Besos basin. *Coordination, fieldwork and analysis GIS (Map Info-SQL), CEA, SL.*

## *Urban and peri-urban projects: programs, social and environmental criteria, impact assessment and environmental monitoring*

- 2007-10 PROMOTION AND MANAGEMENT OF 90 ENVIRONMENTAL ASSESSMENTS OF ROAD PROJECTS, HYDRAULIC, RAILWAY AND WIND FARMS IN CATALONIA. Director General, Government of Catalonia
2005. PROGRAM OF USES OF THE PARK CA L'ARNÚS. Badalona. *Senior Project Manager, ERF* .
2004. TERRITORIAL AND ENVIRONMENTAL INSCRIPTION OF THE TECHNOLOGICAL PARK OF BAGES. Regional Projects Bages, SA. *Senior Project Manager, ERF*.
2002. ENVIRONMENTAL ASSESSMENT OF THE PRE-PROJECT OF THE " MOTOR CITY" AT ALCAÑIZ. "Ciudad del Motor, SA. *Project Leader, Socintec*.
2001. STUDY OF ENVIRONMENTAL IMPACT, EFFICIENCY PLAN AND LANDSCAPE INTEGRATION OF A PROJECT OF THE BAIX LLOBREGAT AREA. *Environmental impact assessment approved by CMA. Private developer. Project Management, GFE*
- 2001 EVALUATION OF SOCIOENVIRONMENTAL CRITERIA FOR A FAMILY LEISURE CENTER IN THE VALLÈS OCCIDENTAL AREA. *Private promoter, Project Management, GFE*
- 2000 ENVIRONMENTAL IMPACT STUDY OF THE URBAN PLANNING OF THE DISTRICT OF BELLAMAR (Castelldefels). *Impact Assessment approved by City Council. Project Management, GFE for INURSA SA* .
1999. CORRECTIVE MEASURES FOR THE PARTIAL PLAN OF THE RIERA DE LES CANYARS (Castelldefels) *incorporated into the design development, board compensation Canyars North. Project Management, GFE*
2000. ENVIRONMENTAL MONITORING OF THE URBANISATION WORK OF THE PARTIAL PLAN OF RIERA DE CANYARS (Castelldefels). *Board of compensation Canyars North. Project Management, GFE*
1997. MONOGRAPHS ON THE ENVIRONMENT AND BIODIVERSITY OF SANTA ANA AND THE METROPOLITAN AREA OF SONSONATE (El Salvador). VVDU El Salvador - IDB. *Coauthor, tube-CEP*
1996. ENVIRONMENTAL IMPACT STUDY OF THE N-260 PONT DE SUERT-CASTEJON DE SOS for SERS.SA and the Regional Government of Aragon. *Analysis of the impact on the biotic environment. GIS for Impact Assessment, CEA*
1996. ENVIRONMENTAL IMPACT STUDY OF THE EXPANSION OF THE INDUSTRIAL ESTATE OF "BOSC LLARG I LES CANYES". City Council of Santa Coloma de Gramenet. *Coordination, field work and GIS analysis (SQL Map-Info), CEA*
1994. ENVIRONMENTAL IMPACT STUDY OF FOUR UNDERGROUND CAR PARKINGS IN MADRID, DACH, SA *Coordination and fieldwork, CEA*

## *Management, programming and socio-environmental assessment*

2005. THE COUNTER. Factsheet of the Energy Balance of Barcelona. Energy Agency of Barcelona. *Senior Project Manager, ERF*
- 2004-05. ENERGY BALANCE OF BARCELONA 2003 and 2004. Energy Agency of Barcelona. *Senior Project Manager, ERF*
2004. CONCEPTION AND DESIGN OF THE OBSERVATORY OF THE ENERGY OF BARCELONA. Energy Agency of Barcelona. *Senior Project Manager, ERF*
2002. IMPLEMENTATION OF THE SYSTEM OF INDICATORS OF SUSTAINABILITY XCPCS in Sant Adrià de BESÒS Provincial Council of Barcelona and Sant Just Desvern. *Project Management, Socintec*

- 2001-02 OFFICE OF AGENDA 21 Sant Just Desvern. DESIGN AND MANAGEMENT. City of St. Just Desvern. *Definició of contents and program Socintec*
- 2001-02. DEFINITION AND IMPLEMENTATION OF THE SPANISH SYSTEM OF ENVIRONMENTAL INDICATORS OF THE TOURISM SECTOR Ministry of Environment. DG Quality and Environmental Assessment. *Project Director, OMICRON JV - Socintec*
- 2000-02. OFFICE 21 AND FOUNDATION AGENDA 21. City Council of Castelldefels. Advisory GFE
2000. DEFINITION AND IMPLEMENTATION OF THE SYSTEM OF SUSTAINABILITY INDICATORS OF SABADELL-CENTER (FS-C). Department of Urban Environment Council of Sabadell, Sabadell, Strategy Development Institute. *Project Director, GFE*
- 1999-00. ADVICE FOR REDFINING THE ENVIRONMENTAL PROGRAMME OF THE Tarragona Province. Department of Environment, Tarragona Province. Project Manager, GFE
- 1998-00. PROJECT "GREEN TOWN". ENVIRONMENTAL MANAGEMENT IN TOURIST MUNICIPALITIES Secretary-General of Tourism Ministry of Economy and Finance. *Analysis of the municipal environmental management cooperation in the design methodology, GFE*
- 1997-98. TOOLS FOR SUSTAINABLE TOWN MANAGEMENT. DAILY PRACTICE OF AGENDA 21 (PUBLICATION). Barcelona Provincial Council, Environment Department. *Paper base and first editor of the publication, Freelance*
- 1994-95. BIOSPHERE RESERVES AND LOCAL ECONOMY. Sustainability indicators. Man & Biosphere, UNESCO. Technical adviser. Analysis of data analysis, environmental services, case study: Sierra Nevada, CEP-CEA.
1994. TAX ORDINANCES ON URBAN SOLID WASTE IN CATALONIA. Depart. Environment, Government of Catalonia *Technical. Coordination work of field data analysis and indicators, CEP-CEA*
- 1994-96. REMAC MUNICIPAL RECORD OF CLASSIFIED ACTIVITIES. COMPUTING APPLICATION TO MANAGE ENVIRONMENTAL AND ADMINISTRATIVE DATA. City of Les Franqueses del Valles. 1994-95. City of Granollers 1995. City of Montcada i Reixac 1996. *Analysis and design of application-CEA CEP .*
1993. RIRA. RECORD OF ENVIRONMENTAL RESOURCES FOR THE MUNICIPALITIES OF THE PROVINCE OF BARCELONA. Natural Areas, Water Supply, Sanitation and sewage, solid waste, air pollution and municipal budget. Dpt. Environment, Regional government of Barcelona. *Technical. Fieldwork partial data processing, analysis and conclusions of all municipalities, CEP*

## *Restoration and recovery of periurban degraded areas*

1996. ENVIRONMENTAL RECOVERY OF THE TORRENTS PALESTRINA AT SAN ANTONI DE VILAMAJOR.. Consortium for the Defence of the Basin-Besos Vilamajor City of San Antonio. *Project and co-execution, CEA.*
1996. PROJECT ON THE RECOVERY OF THE RIVER FRONT. Caldes de Montbui. Consortium for the Defence of the Basin-Besos Vilamajor City of San Antonio. *Project Management. CEA.*
1996. PROJECT OF RESTORATION AND RECOVERY OF THE RIVER AREA (River Mogent) LLINARSDEL VALLÈS. Consortium for the Defence of the Besos basin. *Project Management, CEA.*
1996. INVENTORY OF WETLANDS OF THE NORTEASTERN REGIONS OF CATALONIA. Department of Environment of the Government of Catalonia. *Preparation of the report and field work in La Garrotxa. Freelance for Minuartia, Environmental Studies, SL*
1995. PRE-PROJECT FOR THE ESTABLISHMENT OF WETLANDS IN THE RIVER MOGENT La Roca del Vallès I AND RECOVERY OF THE RIVER BASIN AT LLINARS DEL VALLÈS. Consortium for the Defence of the Besos basin. *First author, CEA*
1994. PRE-PROJECT FOR THE RECOVERY OF THE RIVER Riera de Caldes in Caldes de Montbui, Consortium for the Defence of the Besos basin. *First author, CEA*

1994. PRE-PROJECT FOR THE RECOVERY OF THE RIVER Tenes in Lliçà de Munt. Consortium for the Defence of the Besos basin. *First author, CEA*
1994. PRE-PROJECT FOR THE RECOVERY OF THE RIVER Ripoll in Castellar del Vallès. Consortium for the Defence of the Besos basin. *First author, CEA*
1994. PRE-PROJECT FOR THE RECOVERY OF THE RIVER Congost in La Garriga, Consortium for the Defence of the Besos basin. *First author, CEA*
1991. PROJECT FOR THE REVEGETATION OF QUARRIES OF THE CEMENT COMPANY ASLAND WITH MYCORIZED TREES. Metropolitan Park of Collserola. *Technical R & D Forestry and Applied Mycology, SL*
1991. STUDY OF A POST-FIRE REVEGETATION IN FONT-RUBI (Alt Penedès). Forest Mycology, *Technical R & D Forestry and Applied Mycology, SL*
1991. EVALUATION OF THE REVEGETATION OF THE OPENCAST MINING DISMANTLING OF ST. CORNELI (BERGUEDÀ.) *Technical R & D Forestry and Applied Mycology*
1991. PRODUCTION OF MYCORIZED TREES FOR REVEGETATION OF THE ROAD OF THE TUNNELS OF Vallvidrera. Tabasa. *Technical R & D Forestry and Applied Mycology, SL*

## **Environmental education and informations**

- 2008-10 3<sup>rd</sup> FORUM OF THE THIRD ENVIRONMENTAL SECTOR. Laboratory environmental sector. Director-General. DMAH Government of Catalonia
- 2008-10 GREEN SCHOOLS PROGRAM. Director-General. DMAH Government of Catalonia
- 2010 EDITORIAL PLAN OF DMAH. Director-General. DMAH Government of Catalonia
- 2010 TABLE OF DRIVING AND DESIGN OF THE TABLE ON SUSTAINABLE DEVELOPMENT. Director-General. DMAH Government of Catalonia
- 2009 2026.CAT PROMOTION OF THE PARTICIPATORY PROCESS FOR DESIGN OF SUSTAINABLE DEVELOPMENT STRATEGY OF CATALONIA. Director-General. DMAH Government of Catalonia
- 2009 ESTABLISHMENT OF THE NETWORK OF GREEN SCHOOLS FOR SUSTAINABILITY. Director-General. DMAH Government of Catalonia
- 2009-10 PROMOTION OF THE RENEWAL OF THE WEBSITE OF DMAH AND THE DESIGN OF NATURAL PARKS AND CLIMATE CHANGE PORTALS. Director-General. DMAH Government of Catalonia
2008. IMPULSE OF THE INFORMATION QUARTERLY BULLETIN. Director-General. DMAH Government of Catalonia
- 2008 REDISEIGN OF GRANTS FOR ORGANIZATIONS DMAH. Director-General. DMAH Government of Catalonia
- 2007-08 MANAGEMENT OF THE COORDINATION COMMISSION OF THE WEEK OF SUSTAINABLE AND SECURE MOBILITY. Director-General. DMAH Government of Catalonia
- 2007 IMPULSE OF THE PARTICIPATION AND DELIBERATION PROCESS OF THE CATALAN CONVENTION ON CLIMATE CHANGE.
1996. PROGRAM TO EMPOWER THE COLLECTION AND MANAGEMENT OF URBAN WASTE La Garriga. City Council of La Garriga. *Coordination program, content design, CEA*
1995. PROGRAM TO EMPOWER THE COLLECTION AND MANAGEMENT OF URBAN WASTE IN GRANOLLERS. City Council of Granollers. *Coordination, content design, CEA*
1995. TRAINING PROGRAM FOR THE AGRICULTURAL FAMILY. INEM. *Preparation of employment "of Mushroom Cultivator". Design PageMaker 5.0 for all the family and team coordination editing, CEA*
1995. INVENTORY OF ENVIRONMENTAL DOCUMENTS GENERATED BY county councils of Catalonia. Department of Environment of the Government of Catalonia. *Technical Quality Assurance, Database and review of content, Minuartia Freelance for Environmental Studies, SL*
- 1992-96 ENVIRONMENTAL EDUCATION PROGRAM. Pere Tarrés Foundation. *Member of the Department of the Environment Foundation*

## **Forest management and mycorrhizae** 1989-92. Technical Consultant, R & D FOREST MYCOLOGY AND APPLIED SL

Selection of strains and production of inoculum mycorrhizae forestry for the production of edible mushrooms. Production of seedlings for replanting mycorrhized forests. Cultivation of mycorrhizal fungi, selection of strains and production of mycorrhizal inoculums. Mycorrhized pine plantations with *Lactarius* sp. Preparation of the document "MYCORRHIZAE. A QUESTION TO SOLVE. RESPONSE OF MEDITERRANEAN FOREST TREES TO THE MYCORRHIZATION WITH AUTOCHTHONOUS FUNGHI".

# TEACHING ACTIVITIES

## Masters and postgraduate

POLYTECHNIC UNIVERSITY OF CATALONIA. *Master Engineering and Sustainability* ., 2008-2009. Professor invited.

POLYTECHNIC UNIVERSITY OF CATALONIA. *Master of Integrated Water Management* . First edition, 2002-2003. Academic coordination, project coordination and project management: indicators for watershed management.

UNIVERSITY OF GIRONA. *Degree in Environmental Science* . Session Agenda 21 and environmental planning. Invited Professor. Year 2001-2002

UNIVERSITY OF BARCELONA. *Master of environmental intervention* . Visiting Professor. Editions 2000-2002 and 2002-2003, 2003-2004, 2004-2005, 2005-2006, 2006-2007, 2007-2008, 2008-2009, 2009-2010

UNIVERSITY POMPEU FABRA (Barcelona). *Master of Sustainable Architecture* . Visiting Professor. Year 1999-2000 and 2000-01

AUTONOMOUS UNIVERSITY OF BARCELONA ISEMA. *Postgraduate Environmental Management* . Visiting Professor. 1999-2000.

POLYTECHNIC UNIVERSITY OF CATALONIA. *Master of Environmental Management Local* .. Visiting Professor: The Local Agenda 21. 1998-99

## Courses and conferences

- 2010. DMAH's Seminar. Speaker on the "Balance of the environmental assessment in Catalonia" .Barcelona, 15 November 2010
- 14/10/10 Conference "Organisation and management of wind energy in the Alt Empordà" UAB, Figueres
- 16/10/10 Conference Series. Caixa de Catalunya Foundation. Speaker: Adaptation to Climate Change. La Pedrera. Barcelona, October 16
- 2010 Biodiversity Seminar. DMAH. Speaker: "Biodiversity and climate" . Barcelona, 16 September.
- 2010. Conference. Presentation of voluntary agreement on Climate Change. OCCC - DMAH. Speaker. Barcelona, 22 July 2010
- 2010. EDSCAT CLOSING SESSION. DMAH. Speaker: The strategy of sustainable development in Catalonia. Barcelona, February 2010
- 2010. Conference. What happened in Copenhagen. City Council of Vianova del Camí. March
- 2010. Conference Cycle. Association of Economists. Speaker: "The legacy of Copenhagen. January 26
- 2009. Seminar on energy policies and strategies of Asian countries. Casa Asia. Speaker: the view from Catalonia, Barcelona, 25 November
- 2009. Seminar on Environmental Assessment Act of Plans and Programmes. Association of Geographers. Speaker. Barcelona, October 17
- 2009. Seminar on Consumption of Nearby Food Products. Daar. Speaker Roundtable. Barcelona, November 9
- 2009. II Conference of Municipalities of Girona against climate change. CILMA Speaker. "Mitigation Plan and the municipal bond" Lloret de Mar, October 16, 2009
- 2009. Course on Sustainability on the global crisis. URIV. Speaker. Tarragona, July 1
- 2009. Cicle of conferences "The Julys of the UB". Speaker "The emission of CO2 and climate change." Barcelona, July 6
- 2009. Conference Towards Copenhagen. Climate Group Speaker: Brussels, June 25
- 2009. Public Presentation of the Database of Environmental Assessment of Plans and Projects. Speaker. Barcelona, April 8

2009. Seminar. Implementation of the National Plan of assignment, Emisión and capture of CO2. Unidad Editorial. Speaker: Framework plan on Mitigation of Climate change in Catalonia. " Madrid, April 28
2009. Presentation of the Guide of Environmental Assessment on Urban planning. Speaker. Girona, 22 February
2008. Mediterranean Rountable on Sustainable Consumption and Production.CRPN. Speaker: the C02 from the perspective of consumption. Barcelona, November 5
2008. International Conference on the Environment. University of Girona. Speaker. Gerona, 9 September
2008. The July at UB. University of Barcelona. Energy and climate. Barcelona June 30
2008. European Parliament. Ad-hoc Group to climate change. Presentation of the Convention on Climate Change. Brussels 23 June.
2008. IV Conference on Renewable energy and environment. One Earth Foundation. Speaker: Climate Change in Catalonia. La Bisbal d'Empordà, May 9
2008. XXII Catalan Conference for a future without nuclear energy and sustainable energy.GCTFNN. Speaker: "The Bridge Plan" Barcelona April 26
2008. SE7SSESIONS. Sabadell School of Design. Speaker: Ecodesign and C02. Sabadell, April 17
2008. Energy Forum. Speaker: wind energy in Catalonia. Barcelona April 17
2008. Lecture Series. College of Civil Engineering. Invited Speaker: "Climate change and infrastructure" Barcelona, March 26
2008. CLIMATE CHANGE CONFERENCE. FAV Sabadell. Speaker, "The collective and personal challenge of climate change." Sabadell 2008
2007. CONVENTION PARTIES (UNFCCC). SIDE EVENT EU. Speaker, "The Ebro Delta, vulnerability to climate change." Bali, December 2007
2007. GREEN CITY CONGRESS. Speaker. Barcelona, 2007
- 2007-10 CONFERENCE ON THE CLIMATE ACTIONIN CATALONIA. Speaker. Several municipalities of Catalonia Sabadell, Terrassa, Vilafranca del Penedes Vilanova del Vallès, Lleida, Girona, Tarragona ...
2005. SEMINAR ON POLICIES OF CONTAINMENT OF THE DIFFUSED CITY. UIMP.Speaker "a systemic vision for containment." Barcelona, November 2004.
2005. SYMPOSIUM ON THE STATUS OF CIVIC PARTICIPATION IN CATALONIA. Barcelona, February 2005.Department of Institutional Relations and Participation. Guest speaker.: "The mainstreaming sustainability in the new Statute of Catalonia.
2004. SEMINAR CHAMBER OF COMMERCE OF BARCELONA: SUSTAINABILITY REPORTS: TRIPLE PROFIT AND LOSS ACCOUNT. Invited Speaker: "From marketing to strategy: the environmental issues." Barcelona, March 4.
2003. REGIONAL PLANNING SEMINAR: Innovative Experiences in Europe. UIMP. Participation in the Roundtable: the agroforestry spaces as a backbone of the territory. Barcelona 25-27 October
2003. CONFERENCE FOREST STRATEGIC PLANNING. Farmers Union. Speaker: "The Forest heritage: a strategic ressource. Pinos, October 21.
2002. COURSE OF URBAN PLANNING. University of Girona. Strategic planning and Agenda 21. Visiting Professor, Girona.
2002. SUMMER COURSE ON STRATEGIC PLANNING AT THE GIRONA UNIVERSITY Citizen participation in Agenda 21 and strategic plans. Figueres.
2001. INTERNATIONAL SEMINAR ON INDICATORS AND ENVIRONMENTAL TOURISM. Invited Speaker: "The Spanish System of Environmental Indicators in the tourism sector. " Organised by the Ministry of Environment and the Region of Murcia,
2001. III INTERNATIONAL CONFERENCE ON SUSTAINABLE DEVELOPMENT AND PARTICIPATION. UAB Invited Speaker: Participation in Agenda 21.
2000. CONFERENCE OF MUNICIPAL ENVIRONMENTAL MANAGEMENT AND SUSTAINABLE DEVELOPMENT.Tarragona Province. Invited Speaker: "Local Agenda 21, Case Studies."
1999. ENVIRONMENTAL CONFERENCE 99. Province Authority of Córdoba. Invited Speaker: "The Local Agenda 21 as a strategic framework for municipal management.

1999. ECOLOGY HALL. Autonomous University of Barcelona. Visiting Professor: Strategies and planning tools to land a sustainable city.
1997. TRAINING COURSE FOR POLITICIANS AND TECHNICAL PERSONNEL OF THE LOCAL GOVERNMENT OF EL SALVADOR. Visiting Professor: The environmental management plans of Santa Ana and Sonsonate Metropolitan Area.
- 1993-95. Environmental Education Program. Pere Tarrés Foundation. Professor, team member.

## *Meetings and Seminars*

2010. X NATIONA CONGRESS ON ENVIRONMENT (CONAMA). Speaker "The environmental evaluation in Catalonia". Madrid, 25 November 2010
2010. II. INTERNATIONAL CONGRESS OF REGIONS AGAINST CLIMATE CHANGE. Speaker and Reporter "After Copenhagen, the regional action." Montevideo (Uruguay)
2010. NRG4SD-Climate Group. "Speaker: emission reduction on public housing in Catalonia"
2010. TRAINING SEMINAR OF LOCAL GOVERNMENT. Speaker: Pros and cons of wind energy: the environmental impact. " Figueres.
2010. II CONFERENCE Caixa Catalunya. Speaker: "Adaptation to Climate Change in Catalonia.November 2009
2010. Fourth Seminar on energy management in Catalonia. CCOO. Speaker: energy and climate in Catalonia.Tarragona, March 2010
2010. Seminar CO2 as a resource. Gas Natural Foundation. Speaker "Storage and capture of CO2." Barcelona, June 2010
2010. Seminar of NRG4SD and The Climate Group. Speaker: Saving CO2 in public building. Bonn, June 2, 2010
2009. Seminar on Energy and Territorial Planning. Gas Natural Foundation. Speaker: "The environmental perspective of the evaluator. Barcelona 22nd October.
2009. Seminar Approaches by climate. Parliament of Navarra. Speaker: the Framework plan of Mitigation of Climate change. Parliament of Navarra. Pamplona, 2009
2009. Barcelona Climate Change Talks 2009. UN. Side Event. Speaker.
2009. I CONFERENCE CYCLE. Caixa Catalunya. Speaker: "Climate Change: From Barcelona to Copenhagen. Reflections on post-Kyoto negotiations and the situation in Catalonia ".Barcelona November 17
2009. Climate Group. Brussels. Speaker. The energy-climate package and the actionof sub-national governments in Europe.
2009. Global Eco Forum. Ecounion. Keynote Speaker. Barcelona, October 26
2009. Climate Group. Side Event. Speaker: The Catalan amendment. Barcelona
2009. CONVENTION OF THE PARTIES (COP 15). Side Event. Copenhagen (Denmark), December 2009.
2009. THE BREAKFASTS OF THE CIVIL ENGINEERS ASSOCIATION. Speaker: "The civil engineering and the climate change"
2008. IUCN Congress. IUCN. Speaker: "The Climate Change Plan for Catalonia." Barcelona, October 10
2008. CARBON EXPO. Side Event. Barcelona, May 2008
2008. Seminar on Climate Change and Development Cooperation. CADS. Speaker. Barcelona, 3 March 2008
2008. CATALAN CONVENTION ON CLIMATE CHANGE. Speaker: " the proposal of the climate change framework plan 2008 -2012 ". Barcelona, 25 February and 25 June.
2008. FIRST INTERNATIONAL CONGRESS OF THE REGIONS AGAINST CLIMATE CHANGE. Speaker and Rapporteur "The role of the regions to address climate change." Saint Malo (Brittany).
2008. EUROPEAN PARLIAMENT. Third Session of the ad-hoc group on climate change. Speaker: "THE CATALAN CONVENTION OF CLIMATE CHANGE." Brussels. June 23, 2008.
2008. SYMPOSIUM ON LAND, University of Lleida.
2008. CYCLE OF CONFERENCES OF THE CIVIL ENGINEERING ASSOCIATION OF CATALONIA of Civil Engineers. Speaker: "environmental assessment of infrastructure." Barcelona
2007. INTERNATIONAL CONGRESS ON POLYGENERATION. Speaker: energy generation and CO 2 .

2007. CONVENTION OF THE PARTIES (COP 14). Side Event. Poznan (Poland), December 2008.
2007. INTERNATIONAL ANNUAL MEETING OF ALLIANCE FOR GLOBAL SUSTAINABILITY. Speaker: "Sustainable and climate policies, a view from Catalonia. MIT & University of Stokholm & University of Tokyo.Barcelona, April 2007.
2007. CONVENTION OF THE PARTIES (COP 13). Side Event. Speaker: "The Ebro Delta, threats and challenges of climate change." Bali (Indonesia) European Pavilion, December 2007.
2007. BASQUE COUNTRY AND CLIMATE SEMINAR. Speaker: "The plan of the energy of Catalonia and the reduction of GHG emission. Bilbao.
2007. " DEDUCE" EUROPEAN PROJECT SEMINAR. Speaker: results and prospects. Brussels.
2002. International Seminar on Environment and Tourism. presentation of the paper " Indicators System of the Environmental tourism sector in Spain. " Ministerio de Medio Ambiente
2000. III CONFERENCE OF EUROPEAN Sustainable Cities & Towns. Hannover, 5-8 February 2000.
1999. PANEL FORTHE DEFINITION OF STANDARDIZED IMPLEMENTATION GUIDE FOR ENVIRONMENTAL MANAGEMENT SYSTEMS (ISO 14000), local government, as representative of GFA Associates, convened by AENOR.Madrid. 1999.
1999. ECOMED-POLUTEC. Hall of Energy and the Environment. March 1999. Barcelona. Chairperson of the Working Group on the role of technical environmental Agenda 21 and participating in the roundtable discussion.
1999. ENVIRONMENTAL 99. Córdoba. Presentation of papers: "Environmental Planning and strategic management, Agenda 21Local "and " Environmental Audits". Secretary of the Working Group on Environmental Auditing.
1998. IV CONGRESS OF ENVIRONMENT. 21-27 November. Madrid.
1998. THE CITY FOR EVERYONE.L'Hospitalet de Llobregat. June 1998. Presentation of the paper: "Public participation in environmental and strategic planning. "
1994. FOURH EUROPEAN SYMPOSIUM ON MYCORRHIZAS (4ESM). Granada, 11-14 July 1994.
1994. ECOCIUTAT INTERNATIONAL CONGRESS. Strategies for a sustainable city. Barcelona, 14-16 April 1994
1992. Sixth International Symposium on Microbial ECOLOGY (ISME-6). Barcelona, 6-11 September 1992.
1991. V JOINT MEETING OF MYCOLOGY and IV Mycological Campaign of the Flora Micológica Ibérica.Directors: Dr. Descals and Dr. Webster (Exeter Univ.). Menorca, 15-20 November 1991.
1991. THIRD EUROPEAN SYMPOSIUM ON Mycorrhiza (3ESM). Communication: "Root analysis as a determination guide of some genera of Mycorrhiza formers from mediterranean ecosystems.Sheffield (UK) 19-23 August 1991.
1990. IV INTERNATIONAL CONGRESS OF MYCOLOGY (BMI IV). Communication: "Remarks on some rarerly collected myxomycetes "as the second author. Regensburg (Germany), September 27-October 3.

# PUBLICATIONS, ARTICLES AND PAPERS

## 2007-2010: UNDER CONSTRUCTION

2006. Ximeno, F. A New Culture of the Territory, collaboration of attendees and speakers at the Seminar. And Territory Government. Visions 4. P. 749. Ed. CUIMP Barcelona.
2006. Ximeno, F & Hervás, L. *sustainability and competitiveness in knowledge*. Barcelona Metropolis Mediterranea, 26. Ed. City Council
2006. Folch, R. & Ximeno, F. The social and environmental challenges of agriculture and agricultural production in Catalonia. Paper for Rural World Congress 2006. Ed. Department of Agriculture, Government of Catalonia.
2005. Folch, R. F. Ximeno & I. Capdevila. 2004. *Concurrent Metropolitan Planning* . Ed. Barcelona Metropolitan Strategic Plan. Stock Prospects 3. Barcelona. 35 pp.
2004. Ximeno, F. 2004. *Climate change: the good economic times, wrong* . Information from The Economist 97 September 2004. Ed. College of Economists of Catalonia.
2004. Ximeno, F. *The tertiary sector of agriculture* . "Sustainable" on-line magazine. Ed. Barcelona Provincial Council.
2003. Ximeno et al. 2003. *Spanish System of Environmental Indicators in the tourism sector* . Ed. Ministry of Environment, Director: Cruz Anegón. 336 pp.
- Ximeno, F. 2003. *What is Agenda 21*. Eixample School Journal 11, p. 11.
2002. Ximeno, F. 2002. *tools of strategic planning towards sustainable development* . Classroom Ecology 2001. Technical Notebooks, UAB 21. Pag 18-23.
2000. Ximeno, F. 2000. *Agenda 21 and green spaces* . Barcelona Green 12, pag 21. Ed. City Council
1999. Ximeno, F. 1999. *planning tools for a more sustainable city* . Barcelona Green 9, pag 21. Ed. City Council
- Ximeno, F. et al. 1999. *municipal management tools to sustainability* . The daily practice of Local Agenda 21. Barcelona Provincial Council. Director Vincent Sureda. 200 pp
1996. Ximeno, F., Ros, R. Parpal & M. 1996. *Methodology for evaluating the condition of the banks of the headwaters of rivers in the basin of Besos* . In: The Natural Environment of the Basin Besos, Monographic Magazine CIRB: 220-240.
1995. Isla, MM, Garcia, E & Ximeno, F. 1995. *Biosphere Reserves and the local economy* . Spanish Network of Biosphere Reserves. MaB, UNESCO: 59-71. Versions in Spanish and English.
- Ximeno, F., Ros, R. & Garcia, E. 1995. *Criteria for the recovery of banks of rivers in the basin of Besos* . Edit Consortium for the Defence of the basin pp Besòs.100
1993. Barceló, M., Gracia, E., Ximeno, F. & Martínez, O. 1993. *Micorrización of Pistacia lentiscus L. endomicorrízicos with arbuscular fungi in nurseries*. Proceedings of the I Spanish Forestry Congress. Lourizan, Pontevedra.
- Gracia, E., Martínez, O., Barceló, M., & Ximeno, F. 1993. *micorrización test pins for producing niscalos. Qualitative analysis* . Proceedings of the I Congreso Forestal Español. Lourizan, Pontevedra.
- Isla, MD, Ros, R., Ripoll, O., Roussillon, O. & Ximeno, F. 1993. *INFORMATION REGISTER OF ENVIRONMENTAL RESOURCES I. Pollution* . Barcelona Provincial Council. Barcelona.
- Isla, MD, Ros, R., Ripoll, O., Roussillon, O. & Ximeno, F. 1993. *INFORMATION REGISTER OF ENVIRONMENTAL RESOURCES IV. Sanitation and Wastewater* . Barcelona Provincial Council. Barcelona.
1992. Ximeno, F. 1992. *autochthonous mycorrhizal inoculums: Apply arid* . Annual Scholarship CIRIT SME-14. 1992. 199 pp. Do not publish.
- Ximeno, F., Barceló, M., & Gracia, E. 1993. *The ectomycorizes* . 30pp. Premio Soc. Cat.Hist. Born 1992, unpublished.
1991. Ximeno, F. & Gracia, E. 1991. *Root analysis as a guide to determination of some genera of Mycorrhiza formers from mediterranean ecosystems* . Abstracts of Third European Symposium on Mycorrhiza (3ESM), Sheffield, 19-23 August 1991.
1990. Gracia, E. & Ximeno, F. 1990. Remarks on some rarerly collected myxomycetes. Abstracts of IV International Congress of Mycology (BMI IV). Regensburg (Germany), 27 September-3 October 1990.

# ADDITIONAL TRAINING

## Awards and Grants

1993. AWARD. CATALAN INSTITUTION OF NATURAL HISTORY for "The Ectomicorizes. Essay."
1992. CIRIT GRANT-PIME92, "to university graduates to promote the R & D FOR SMALL AND MEDIUM COMPANIES IN CATALONIA. To carry out research "indigenous mycorrhizal fungi: Restoration of mines, quarries and burnt areas" in the company Applied Mycology Forestry in Barcelona.
1991. CIRIT GRANT-PIME91, "to university graduates to promote the R & D FOR SMALL AND MEDIUM ENTERPRISES IN CATALONIA. To carry out research "indigenous mycorrhizal fungi: and their Application in arid areas" for the company Applied Mycology Forestry in Barcelona.
1990. FUNDING FOR RESEARCH, LITTLE RESEARCH, FOREST AREA. Caixa de Barcelona "Standardization of micorizogen agents on Mediterranean native plants for reforestation of burnt areas.
1985. CIRIT AWARD "to promote the scientific spirit among young people" in the 84/85 call for research "Analysis of maturity of three populations of oaks, with no 305 CIRIT registry.

## Courses and Conferences

2009. WORKING VISIT (INVITED BY THE BRITISH GOVERNMENT) TO THE MINISTRY OF RURAL MATTERS AND ENVIRONMENT ABOUT CLIMATE POLICIES ON THE WEATHER WITH DEFRA Meeting with the technical staff. London-Oxford, 26-27 February 2009
2005. POSTGRADUATE ON LAND PLANNING, theoretical subjects. UPC. February-April 2006
2004. MASTER OF URBAN AND REGIONAL STUDIES. UPC UPF-EAPC. September 2003-December 2005.
2003. TERRITORIAL STRATEGIES SEMINAR: A new culture of planning in Europe and Catalonia. CUIMP. 15 - 17 December 2003.
2003. SYMPOSIUM ON SUSTAINABILITY, ENVIRONMENT AND Small and Medium Comanies. Space Foundation, Barcelona, 2 December 2003.
2003. CITIES AND GLOBALIZATION SEMINAR. Aula Barcelona in the Congress "Cities in Barcelona, March 2003
2002. SEMINAR ON STRATEGIC ENVIRONMENTAL ASSESSMENT OF PLANS AND PROGRAMMES. Methodological output of trans-european project ASEAN, Fondazione Mattei, Milan, February 2002.
2002. SEMINAR "Effective Meetings and Presentations." Socintec. September 2002.
2001. SEMINAR ON ENVIRONMENTAL QUALITY IN THE COMPANY. Sant Just Desvern Agenda 21, November 2001.
2000. SEMINAR OF MUNICIPAL ENVIRONMENTAL MANAGEMENT AND SUSTAINABLE DEVELOPMENT. Local Agenda 21. Tarragona Province, February 2000.
1998. PRAXIS COURSE OF URBAN. "Urban planning. College of Architects. 1998
1998. SEMINAR "CITIZEN PARTICIPATION IN THE IMPLEMENTATION OF LOCAL AGENDA 21 ". 1998. Network cities and towns towards sustainability
1998. CONFERENCE "INDUSTRY AND ENVIRONMENT". 1998. Barcelona Provincial Council.
1997. SYMPOSIUM "THE LATIN-AMERICAN CITY AND THE CARIBBEAN. " IDB Annual Meeting. Barcelona, 13-15 March 1997
1995. SEMINAR "RIVERS AND WETLANDS". DEPANA. Barcelona. June 1995.
1995. II INTERNATIONAL SYMPOSIUM ON PERIURBAN AND METROPOLITAN NATURAL AREAS. Metropolitan Park of Collserola Association of Biologists, Fundació "La Caixa". 21-24 October 1995.
1994. SEMINAR "ENVIRONMENTAL IMPACT ASSESSMENT. Higher business education program. ICT-Bosch Gimpera Foundation. Director: Carles Sumpsi. November 1994.
1993. COURSE "MYCORRHIZAE AND ITS APPLICATIONS II. REFORESTATION". Center for Ecological Research and Forestry Applications (CREAF). Directed by Dr. Alvarez (IRTA-Cabrils). From 8 to 12 February 1993.

1992. COURSE "MYCORRHIZAE AND ITS APPLICATIONS II. REVEGETATION" Center for Ecological Research and Forestry Applications (CREAF). Directed by Barea (CSIC-Zaidín). November 1992.
1991. COURSE OF RECOVERY AND FOLLOW-UP OF BURNED AREAS. Association of Biologists. Director: Dra. Franquesa. Vallvidrera, November 1991.
1991. COURSE FOREST BIOTECHNOLOGY: MYCORRHIZAE, FORESTS, EROSION, AND AGRICULTURE. Universidad Internacional Menendez Pelayo and. Director: Dr. Honrubia. Valencia, 30 September-4 October 1991.
1991. X COURSE OF PYRENEAN STUDIES. La Seu d'Urgell, July 1991.
1990. COURSE "GEOBOTANICAL STUDY OF WESTERN MEDITERRANEAN. Dpt. Botany of the University of Barcelona. Director: Dr. Masalles. Marratxinet (Mallorca), May 1990.
1987. Foray "KNOWLEDGE OF THE FLORA AND FAUNA (INVERTEBRATES) OF THE PICOS DE EUROPA". Director: Dr.. E. Gracia. 27 September-5 October 1987.
1984. COURSE OF "FIELD ORNITOLOGY". Dept. of Education of the Barcelona Zoo. During the academic year 84/85.