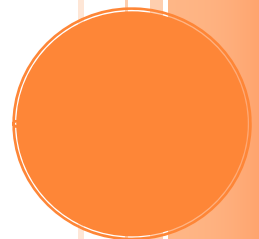




*Centro ricerche applicate
per lo sviluppo sostenibile*

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Chamber of Commerce of Rome reg. no. 05565011003 (since 1998)
Economic Administrative Register (REA) no. 901821
Fully paid-up share capital: 10.200 EUR
VAT number/Fiscal Code: 05565011003

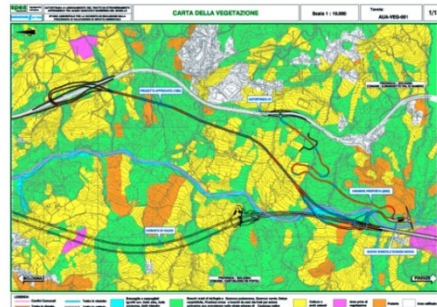


Company profile

Cras – Centre for applied research on sustainable development, is a private engineering company established in 1998, born from a profitable synergy among professionals, specialized in environmental issues.

Cras mainly works in the fields of environment, territorial planning, and sustainable development, with the aim to promote the integration of environmental concerns into policies, programs, plans and projects, as well as in the everyday life of citizens and communities.

- **Environmental evaluation** - Cras provides public administrations and private promoters with high quality expertise and know-how for the management of all kinds of evaluation processes and impacts assessments connected with environmental themes (Environmental Impact Assessments - EIA, Strategic Environmental Assessments - SEA, Incidence Assessments, etc.).



- **Advisory and support to public authorities** in the integration of environmental issues into the different governance levels - Cras provides public administrations with continuous support and highly qualified expertise in all environmental sectors, covering a wide range of activities: fund raising, development of project ideas, identification of procedures for project design and implementation.



Thanks to its multi-disciplinary background, Cras provides support and assistance to the coordination and management of complex projects, integrating all aspects of territorial development. Recently, Cras has been orienting its research activities towards the field of transport and sustainable mobility, mainly by supporting local authorities in planning, managing and monitoring actions for the promotion of cycling, the enhancement of public transport, and the improvement of city logistic.

- **Environmental information and communication** - Cras has a multi-annual experience in environmental information and awareness-raising, addressing both the general public and specific target groups. Our expertise covers all stages of the communication process, from the design of communication strategies and awareness-raising campaigns to the production of multimedia information materials, until the organization and implementation of events (conferences, seminars, expositions...) to promote sustainable development. Cras believes in the importance of integrating different communication levels – from scientific to educational – to ensure the achievement of environmental promotion objectives.

- **International projects** – Since more than 20 years, Cras has been working in the field of EU projects, dealing with fund raising, partners search, preparation of project proposals, and implementation of funded activities. Within this framework, Cras has been acting both as a partner and as a sub-contractor, depending on each Programme’s specific features and requirements. Cras has been involved in LIFE, EQUAL, INTERREG, IEE, H2020 programmes.



- **Reporting, emissions balances, energy and environmental plans** – Due to extensive past experience in local Agenda 21 processes, Cras professionals are highly skilled in environmental reporting and in the use of sustainability indicators, especially as regards the **Ecological Footprint** assessment (a field in which Cras can boast several original studies and services performed). In recent years, Cras has been orienting its activities in this field towards environmental assessments based on **GHG emissions balances**, in connection with sustainable energy planning, acquiring broad expertise in the monitoring and evaluation of sustainable mobility actions, as well as in the preparation of research papers on GHG emissions caused by specific human activities.



Cras also works with Municipalities for the preparation of **SEAPs – Sustainable Energy Action Plans**, supporting them from the very beginning, e.g. since the Covenant of Mayors signature. In order to provide an even more effective support, Cras has recently started a collaboration with Climate Alliance Italy, a non-profit organization working in the promotion of the Covenant of Mayors and in the dissemination of the online software **ECOREgion** - that is widely recognized as a reference standard for the preparation of the Baseline Emission Inventory (BEI) required within the SEAPs.

- **Energy services** – As a logical evolution of the broad experience already acquired in the field of energy and environmental planning, Cras now turns to enterprises and public administrations interested in energy saving, production and efficiency, offering them specialist services for the analysis, evaluation, design and implementation of energy-related projects. Within this field of activity, Cras can rely on its expertise and equipment, and also take advantage of the fruitful collaboration with Cremonesi Consulenze – an Italian company with 25-years’ experience in the energy field. Only in the last 3 years, Cremonesi Consulenze has designed and developed more than 1000 tailored engineering solutions for the production of electricity and heat, has performed more than 400 energy audits and energy management services (diagnosis, feasibility, monitoring, and consulting) and more than 820 consultancies on energy-related subsidies and tax deductions, has carried out

more than 2800 hours of capacity building, and has managed more than 75.800 White Certificates (EEC) as a UNI11352 certified ESCO.



- ❖ Strategic energy consultancy
- ❖ Energy Management and energy performance diagnosis as in D.lgs.102
- ❖ Consultancy for ISO 50001 and ISO 20121 certifications
- ❖ SEAP and Strategic Energy Efficiency Plans (SEEP)
- ❖ Energy Efficiency Audit, Certification of energy performance
- ❖ Energy Efficiency Certificates - EEC (White Certificates)

www.cremonesiconsulenze.it

A flexible and dynamic organization, Cras is part of a wide, diversified multidisciplinary and multi-level collaboration network, including both public and private actors that often engage our company in important partnerships for the implementation of projects addressing environmental and energy issues, at international, national and local level.

Competence and efficiency are Cras' distinctive features, but the company can also count on a considerable Hardware and Software equipment, and a solid experience in the management of relational databases, Geographical Information Systems (GIS), and other relevant ICT applications, such as web based analysis instruments. Cras manages the design and online publication of websites for the dissemination of environmental information and the promotion of participatory processes, including interactive crowdsourcing functions for data collection.

Organization and equipment

Cras is a private company owned by founding members Guglielmo Bilanzone and Maria Pietrobelli, respectively Sole Administrator and Technical Director, both members of Rome Architects' Board with more than 20-years' professional experience. Mr Bilanzone is also a certified technician in environmental noise measurement, and enrolled in the dedicated Register of Lazio Region with no. 150.

The two managers are supported by a qualified technical structure formed by several professionals working as focal points for fund raising and managing and implementing the ongoing activities. According to the requirements of each assignment, Cras' can count on the specialized experience of a huge group of professionals, to be activated when needed.

Cras' headquarters are placed in Rome, and can be easily reached by subway (B1 line). Our offices are adequately equipped to perform the typical tasks of an engineering company.

In particular, our Hardware equipment includes:

- 7 PCs supporting graphics and multimedia elaborations, complemented by local printers and scanners;
- 3 notebooks;
- ADSL Local network;
- Plotter HP DesignJet T790, A0+ format;

- Printer HP Colour Laserjet 3600;
- Ink-jet colour printer A3+ HP CP1700;
- Colour printer A4 Xerox ColorQube 8570.

As for Software, Cras owns the essential tools for the typical activities of a small enterprise, namely basic SW (Excel, word processor, DBMS, etc.) and specific SW for graphics, CAD and GIS.

Professional experience

Project: 2015 National Document of Economics and Finance (DEF) – Annex on Infrastructure networks

Client: Italian Ministry of Infrastructure and Transport

Activities: Strategic Environmental Assessment of the Annex, aimed at fulfilling the preconditions referred to in art. 19 of EU Regulation no. 1303/2013 and in Annex XI to the same Regulation.

Year: 2015, ongoing

Project: Integrated actions and web services for environmental analysis and monitoring, aimed to the development of the town of Aprilia into a Smart City

Client: Municipality of Aprilia (LT), within the framework of the Local Urban Development Plan “PLUS Aprilia Innova”, funded under the ROP ERDF Lazio 2007-2013

Activities: Drafting of the sub-project “Traffic flows and emissions scenarios”, as member of a Temporary Business Association together with the companies Sistema, STS and Terrasystem.

Year: 2014, ongoing

Project: Municipal urban mobility centre

Client: Sistema STS for the Municipality of Guidonia (RM), within the framework of the Local Urban Development Plan “PLUS Nuova vita a Guidonia”, funded under the ROP ERDF Lazio 2007-2013

Activities: Traffic study and installation of traffic and emissions monitoring systems.

Year: 2014, ongoing

Project: Environmental monitoring of the ROP ERDF Lazio 2007-2013, update 2013

Client: Lazio Innova S.p.A.

Activities: Technical-scientific support to the drafting of the ROP Monitoring Report and to environmental data collection.

Year: 2014-2015

Project: Comparative analysis of the governance of Environmental Impact Assessment procedures in EU Countries, and especially in France, Germany, UK and Spain

Client: SOGESID – Italian Ministry of the Environment, within the NOP “Governance and Systemic Actions”, ESF 2007–2013

Activities: Drafting of the study, as member of a Temporary Business Association together with TERRA S.r.l.

Year: 2014-2015

Project: Plan for the “Pian del Candelieri” industrial and commercial area in the Municipality of Cerveteri

Client: U-Space S.r.l./Studio Latini

Activities: Traffic impact study and supervision of EIA documents.

Year: 2014

Project: ROP ERDF Lazio 2014-2020 - Strategic Environmental Assessment
Client: Sviluppo Lazio S.p.A.
Activities: Drafting of the documents required for the Strategic Environmental Assessment and support to the implementation of the SEA procedure.
Year: 2014

Project: Urban Mobility Plan for the town of Marsala and related Strategic Environmental Assessment
Client: Municipality of Marsala (TP)
Activities: Preparation of the documents required for the Strategic Environmental Assessment (as member of a Temporary Business Association together with Lem Reply S.r.l. and IRTECO s.n.c.).
Year: 2014, ongoing

Project: Sustainable Energy Action Plan – Town of Frosinone
Client: Municipality of Frosinone (FR)
Activities: Advisory and technical support for the preparation of the Baseline Emissions Inventory (BEI) and the Sustainable Energy Action Plan (SEAP) of the Municipality of Frosinone, within the framework of the Covenant of Majors.
Year: 2013, ongoing

Project: Environmental monitoring of the ROP ERDF Lazio 2007-2013
Client: Sviluppo Lazio S.p.A.
Activities: Technical-scientific support to the drafting of ROP Monitoring Report and to environmental data collection.
Year: 2013-2014



Project: INTERREG R4GG “Regions for Green Growth”
Client: BIC Lazio
Activities: Consultancy aimed at assessing the transferability to Lazio Region of Dutch good practices on energy efficiency and renewable energy sources.
Year: 2013

Project: MOBILATINA
Client: Municipality of Latina (LT)
Activities: Co-financing and environmental monitoring of a project aimed at promoting sustainable mobility (services for schools and mobility management), funded by the Italian Ministry of the Environment through the Sustainable Mobility Fund.
Year: 2013

Project: Project for the extension of Rome subway line B1, from Rebibbia to Casal Monastero
Client: IN.CO. S.p.A.
Activities: Environmental Impact Study, Noise impact study, Monitoring Plan, Project for the mitigation of impacts on greenery, Excavated soils characterization programme.
Year: 2013, ongoing



Project: Urban Mobility Plan of the town of Gela and related Strategic Environmental Assessment.

Client: Municipality of Gela (CL)

Activities: Support to the participatory process and preparation of the documents required for the Strategic Environmental Assessment (within the Temporary Business Association formed by Lem Reply S.r.l., IRTECO s.n.c. and Bilanzone Guglielmo).

Year: 2013-2014

Project: Project of a new road in the municipal area of Guidonia Montecelio

Client: ATP "My way" – Municipality of Guidonia Montecelio (RM)

Activities: Traffic impact study and Noise impact study.

Year: 2012

Project: Mobility actions within the framework of MMOVE funding

Client: Municipality of San Benedetto del Tronto (AP)

Activities: Advisory for project management and communication in view of the preparation of a SUMP (Sustainable Urban Mobility Plan).

Year: 2012

Project: Wastewater systems in concrete industries in Rome and Civita Castellana (VT)

Client: Calcestruzzi S.p.A.

Activities: Monitoring and validation of wastewater systems projects.

Year: 2012

Project: Rainwater system in a concrete industry in Anagni (FR)

Client: Calcestruzzi S.p.A.

Activities: Report of the current state analysis and project design.

Year: 2012

Project: Adjustment of concrete plants in Frosinone and Ferentino to environmental standards

Client: Calcestruzzi S.p.A.

Activities: Survey of air pollutants emission points and identification of mitigation measures.

Year: 2012

Project: Sustainable Energy Action Plan – Town of San Benedetto del Tronto

Client: Municipality of San Benedetto del Tronto (AP)

Activities: Advisory and technical support for the preparation of the Baseline Emissions Inventory (BEI) and the Sustainable Energy Action Plan (SEAP), within the framework of the Covenant of Majors.

Year: 2012

Project: Update of the ROP ERDF Lazio 2007-2013: Strategic Environmental Assessment

Client: Sviluppo Lazio S.p.A.

Activities: Consultancy for the drafting of the Strategic Environmental Assessment of the updated version of the Regional Operational Programme.

Year: 2011

Project: ECOMOS – Advanced solutions for the abatement of exhaust emissions generated by the "Motorways of the sea" (research project funded by the Italian Ministry of Education)

Client: RAM – Rete Autostrade Mediterranee S.p.A.

Activities: Consultancy on task 3.4: “Validation of the testing results with regard to the economical, management and social aspects”.

Year: 2011

Project: A12 Motorway Livorno-Civitavecchia, Lot 7, Piombino Link road: Environmental Impact Study

Client: Spea Ingegneria Europea S.p.A.

Activities: Complete Environmental Impact Study.

Year: 2011

Project: Project of Road SR578, 2nd and 3rd segment: Environmental Impact Study

Client: Province of Rieti

Activities: Complete Environmental Impact Study.

Year: 2011, ongoing



Project: “Earth is your home” – Ecological Footprint analysis of 300 households in three Italian cities

Client: GREEN ACCORD

Activities: Ecological footprint calculation.

Year: 2010-2012

Project: Concessions for water supply wells in Lazio Region.

Client: Calcestruzzi S.p.A.

Activities: Consultancy and support to the management of the authorization procedures for water supply wells in Lazio Region.

Year: 2010

Project: Realization of cycling routes

Client: Ministry of Environment - Municipality of Gubbio (PG)

Activities: Support to the municipal authority for the implementation and environmental monitoring of a project (funded by the Ministry of Environment through the Sustainable Mobility Fund) for the creation of cycling routes and the promotion of cycling in the town centre.

Year: 2010, ongoing



Project: “SMUCC – Local urban delivery service”

Client: Ministry of Environment – Municipality of Benevento (BN)

Activities: Co-financing, environmental monitoring and communication of an experimental city logistics project funded by the Ministry of Environment through the Sustainable Mobility Fund.

Year: 2010-2014

Project: “PASSALL’ENERGIA PULITA – Innovative experimental sustainable mobility services”

Client: Ministry of Environment - Municipality of Monterotondo (RM)

Activities: Co-financing, environmental monitoring and communication of a project funded by the Ministry of Environment through the Sustainable Mobility Fund.

Year: 2010-2014



Project: "Monta in sella e pedala"

Client: Municipality of Frosinone (FR)

Activities: Support and technical assistance to the implementation, environmental monitoring and communication of a bike sharing project funded by the Ministry of Environment through the Sustainable Mobility Fund.

Year: 2010-2015

Project: Development and implementation of an integrated system to improve local public transport in the town of Fiumicino

Client: Municipality of Fiumicino (RM)

Activities: Support and technical assistance to the implementation, environmental monitoring and communication of a supplementary public transport service, funded by the Ministry of Environment through the Sustainable Mobility Fund.

Year: 2010-2014

Project: “Velletri: Park & bus in town centre”

Client: Ministry of Environment - Municipality of Velletri (RM)

Activities: Co-financing and environmental monitoring of a supplementary public transport service aimed at improving accessibility to the historic district, and funded by the Ministry of Environment through the Sustainable Mobility Fund.

Year: 2010-2013

Project: Integrated project to promote urban cycling in Imola

Client: Ministry of Environment - Municipality of Imola (BO)

Activities: Co-financing and environmental monitoring of a project funded by the Ministry of Environment through the Sustainable Mobility Fund, envisaging the realization of cycling routes and the promotion of cycling in the urban area.

Year: 2010-2015

Project: “SBT - Town health and wellness: cycling in the urban area”.

Client: Ministry of Environment - Municipality of San Benedetto del Tronto (AP)

Activities: Co-financing and environmental monitoring of a project funded by the Ministry of Environment through the Sustainable Mobility Fund, envisaging the realization of cycling routes, bike sharing and an information campaign to promote sustainable mobility.

Year: 2010-2014

Project: “Biking Rieti”

Client: Ministry of Environment - Municipality of Rieti (RI)

Activities: Co-financing and environmental monitoring of a project funded by the Ministry of Environment through the Sustainable Mobility Fund, envisaging the realization of cycling routes, bike sharing and an information campaign to promote sustainable mobility.

Year: 2010–2014

Project: Realization of a cycling route from Faenza town centre to the Granarolo district

Client: Ministry of Environment - Municipality of Faenza (RA)

Activities: Co-financing and environmental monitoring of a project funded by the Ministry of Environment through the Sustainable Mobility Fund, envisaging the realization of cycling routes and the promotion of sustainable mobility.

Year: 2010-2014

Project: “PIERS - Port Integrated Emissions accounting and Reporting System”

Client: European Commission – RAM Rete Autostrade Mediterranee S.p.A. (lead partner) – Port Authority of Civitavecchia

Activities: Drafting of the dossier for the application to the LIFE+ Programme.

Year: 2010

Project: ECOMOS – Advanced solutions for the abatement of exhaust emissions generated by the “Motorways of the sea” (research project funded by the Italian Ministry of Education)

Client: RAM Rete Autostrade Mediterranee S.p.A.

Activities: Consultancy on task 2.9 “Costs-benefits analysis of technological options for ships emissions abatement”.

Year: 2010



Project: LIFE RESCWE – REstoration Sentina Coastal WETlands (LIFE09 NAT/IT000608)

Client: European Commission – Municipality of S. Benedetto del Tronto (lead partner)

Activities: Project partner in charge of technical surveys, research and communication.

Year: 2010-2015

Project: Monitoring and reporting tools to assess the current state of regional policies for greenhouse gas reduction

Client: Sviluppo Lazio S.p.A.

Activities: Specialist support to the development and management of monitoring tools aimed to track the implementation of regional policies and actions in the field of GHG emissions reduction (www.sviluppolarzio-cielo.it).

Year: 2009–2011

Project: Motorway Siracusa-Gela – Lot 9

Client: Technital S.p.A.

Activities: Environmental studies regarding the compliance check with the EIA commission's provisions.

Year: 2009 - ongoing

Project: Environmental Impact Assessment of the project for the modernization and upgrade of the Roma-Viterbo railway.

Client: Italconsult S.r.l. – Aremol

Activities: Consultancy for the drafting of the Environmental Impact Study.

Year: 2009-2010

Project: Environmental Impact Study of the enlargement of the Brennero Motorway (Modena-Verona segment)

Client: Autostrada del Brennero S.p.A.

Activities: Coordination of the Environmental Impact Study and specialist elaborations required by the thematic regulations in force.

Year: 2007–2010

Project: Upgrade and safety improvement of roads SR 313 and SP 41D

Client: Province of Rieti

Activities: Environmental pre-feasibility study.

Year: 2009

Project: Motorway Siracusa-Gela – Lot 8 variance – 2nd segment (Rosolini-Ragusa)

Client: Technital S.p.A.

Activities: Preliminary environmental study for the EIA screening phase.

Year: 2008

Project: A1 Motorway – Upgrade of the Apennines pass route between Sasso Marconi and Barberino del Mugello - Segment La Quercia-Badia nuova, sub-segment Labaro-Badia nuova, Lots 6 and 7 – Winze of the Val di Sambro tunnel

Client: Prof. Arch. F. Karrer for SPEA - Autostrade S.p.A.

Activities: Environmental Impact Study.

Year: 2009

Project: Technical-scientific consultancy on targeted environmental actions
Client: Sviluppo Lazio S.p.A.
Activities: Advisory and assistance within the framework of the programming period 2007-2013, focusing on environment, energy, transport and mobility.
Year: 2008-2009

Project: Study of the environmental aspects connected to the realization of an airport in the “Piana del Mela” area
Client: Prof. Arch. F. Karrer for the Province of Messina
Activities: Support to coordination, specialist consultancy and service activity.
Year: 2008

Project: Management plan of Sicilian Natura 2000 sites: “Sciare” and wetlands of Marsala and Mazara (SCI ITA010005, ITA 010014, ITA010012, and SPA ITA 010031)
Client: WWF Italy
Activities: Analyses and technical support to the drafting of the management plan.
Year: 2008

Project: Management plan of Sicilian Natura 2000 SCI "Foce del Magazzolo, Foce dei Platani, capo Bianco, Torre Salsa"
Client: WWF Italy
Activities: Analyses and technical support to the drafting of the management plan.
Year: 2008

Project: Environmental Impact Study of a shopping mall and adjoining car-park in the Torrino-Mezzocamino neighbourhood in Rome
Client: Torrino-Mezzocamino Consortium
Activities: Participation in the drafting of the Environmental Impact Study for the EIA screening phase, regarding a commercial building with adjoining parking situated in the Torrino-Mezzocamino neighbourhood - Zones Z13 and Z14.
Year: 2008

Project: *Di.Me.No. – Distribuzione merci no-impact* (No-impact freight delivery)
Client: Municipality of Palermo (beneficiary of funding from the Ministry of Environment)
Activities: Drafting of the project feasibility study and participation as project partner in the planning and environmental monitoring activities.
Year: 2007

Project: CityLò Foggia
Client: Municipality of Foggia (beneficiary of funding from the Ministry of Environment)
Activities: Drafting of the project feasibility study and candidature to join the project partnership as partner in charge of environmental monitoring activities.
Year: 2007

Project: Environmental Impact Study of the “Rieti-Torano” road (1st segment)
Client: Province of Rieti
Activities: EIS coordination and specialist elaborations according to the current sectorial regulations.
Year: 2007–2009

Project: Motorway Siracusa–Gela, 2nd and 3rd segment. Environmental Impact Study of the 3 junctions with the Motorways Messina-Palermo and Messina-Catania
Client: Technital S.p.A.
Activities: Environmental Impact Study regarding Air and Noise pollution.
Year: 2008–2010

Project: Sustainability balance sheet of the private company Ferrovie Nord Milano S.p.A.

Client: LEM S.r.l. on behalf of Ferrovie Nord Milano S.p.A.

Activities: Support and specialist consultancy regarding the environmental aspects of the company's sustainability balance sheet.

Year: 2008

Project: Environmental pre-feasibility studies and EIA screening

Client: Risorse per Roma S.p.A.

Activities: Consultancy and support to the drafting of the studies required for receiving environmental authorizations.

Year: 2007–2008

Project: Agenda 21 process of the Municipal association “Lucretili–Ernici”, formed by the Municipalities of Castel Madama, Marcellina, and San Polo dei Cavalieri (RM)

Client: Municipal association “Lucretili–Ernici”

Activities: Support and technical assistance to the local authority for the drafting of the State of the Environment Report regarding the 3 associated Municipalities.

Year: 2007–2008

Project: Motorway Siracusa–Gela, 2nd and 3rd segment: Environmental Impact Study

Client: Technital S.p.A.

Activities: Additional studies on noise and air pollution, as required in the Ministry of Environment's prescriptions, section C.1.

Year: 2007–2009

Project: Motorway Siracusa–Gela, 2nd and 3rd segment: Environmental Impact Study

Client: Technital S.p.A.

Activities: Additional studies on the mitigation of the construction sites' environmental impacts, as required in the Ministry of Environment's prescriptions, section C.2.

Year: 2007–2009



Project: LIFE C-DISPATCH – Clean Distribution of goods in SPecimen Areas in the last mile of intermodal Transport Chain (LIFE ENV/IT/000839)

Client: European Commission. Partners: Province of Frosinone (Lead partner), ASI Consortium Frosinone, Cras s.r.l., FIT Consulting s.r.l., Geoslab s.r.l., WWF Ricerche e Progetti s.r.l., Italmondo s.r.l.

Activities: Technical partner in charge of preparatory and research activities, and of the monitoring and assessment of environmental benefits of a city logistics pilot project in the town of Frosinone. The project aimed at reducing the environmental impact of freight transport in the urban area whilst creating a model of clean city logistics system transferrable to other urban contexts, and included: low-impact fleet, optimization of the existing logistics platform, support to the online management platform, local actors involvement, and environmental monitoring (www.c-dispatch-frosinone.it).

Year: 2005–2008

Project: EQUAL “VALORENATURA - Nuova economia locale nelle aree ad alto valore ambientale” (PT-G2-SIC-037)

Client: European Commission - Sicily Region. Partners: AAPIT Palermo, Cras s.r.l., Ideazione s.r.l., WWF Ricerche e Progetti s.r.l.

Activities: “Valore Natura” includes a set of actions aimed at qualifying the job market and fostering employment in the fields of sustainable tourism, management and promotion of protected natural areas, and mobility services, with special regard to the non-profit sector. Cras was the technical partner in charge of analysis and research activities, community engagement, awareness raising and communication (www.valorenatura.it).

Year: 2005-2009

Project: Environmental Impact Study for link roads in Senigallia (AN)

Client: Prof. Franco Karrer Studio

Activities: Elaboration of the documents required for the Environmental Impact Study; technical assistance and management of the EIS, according to the provisions of the regional law no. 7/2004 – Marche Region.

Year: 2006

Project: Road SS 675 “Umbro–Laziale”, Environmental studies and analyses resulting from the EIA Decree DEC/DSA/04/00198

Client: Prof. Franco Karrer Studio

Activities: Consultancy for environmental studies regarding the road SS 675.

Year: 2006

Project: Road SS 38 “della Valtellina”: Environmental Impact Study

Client: Italconsult S.p.A.

Activities: Coordination and specialist contribution to the drafting of the EIS.

Year: 2006

Project: Agenda 21 of the Municipality of Venosa

Client: Municipality of Venosa (PZ), funded by the Ministry of Environment

Activities: Support and assistance to the local authority for the launch of the local Agenda 21 process, the organization of the forum and other participatory activities, and for the drafting of the State of the Environment Report.

Year: 2004-2006

Project: Agenda 21 of the Municipality of Palermo

Client: Municipality of Palermo (PA), funded by the Ministry of Environment

Activities: Support and assistance to the local authority for the launch of the local Agenda 21 process, the organization of the forum and other participatory activities, and for the drafting of the State of the Environment Report.

Year: 2004-2006

Project: “CAmbieReSti?” – Monitoring households’ Ecological Footprint

Client: Municipality of Venezia (VE) – WWF Ricerche e Progetti

Activities: Educational and awareness-raising activities, calculation of the Ecological Footprint of the households involved in the project.

Year: 2005

Project: A14 Motorway - Construction of the third lane in the segment Ancona Nord-Senigallia: Environmental Impact Study

Client: Prof Franco Karrer Studio

Activities: Technical and operational coordination of specialist contributions and application of environmental impact assessment models.

Year: 2005-2006

Project: Apennine crossing section of A1 Motorway: Environmental Impact Study of Lots 6 and 7

Client: Prof Franco Karrer Studio

Activities: Comparative studies for the selection of the best project alternatives, and elaborations for the screening procedure.

Year: 2005-2006

Project: Noise Impact Study - Torrino Mezzocamino

Client: Torrino Mezzocamino Consortium

Activities: Noise Impact Study, according to the prescriptions of the national Noise framework law and of the transposition law adopted by Lazio Region.

Year: 2005

Project: Planning and regulation services regarding the southern network of Rome protected natural areas managed by RomaNatura

Client: RomaNatura – Regional authority in charge of the management of protected natural areas within the Municipality of Rome

Activities: Lead partner of the Temporary Business Association entrusted with the assignment (Cras s.r.l., IZI s.r.l., Aquilegia s.r.l., Agros Realizzazioni s.r.l.); drafting of the Plans of the Regional Natural Reserves of Decima-Malafede (6,145 hectares) and Laurentino-Acqua Acetosa (15,2 hectares) and preparation of the related Regulations; technical assistance to Roma Natura for the procedures regarding the Plans adoption and the related consultations; technical assistance for the implementation of the consultations program.

Year: 2000-2005

Project: Road network “Quadrilatero umbro-marchigiano”: environmental analyses within the framework of the Environmental Impact Study for the “leader areas”

Client: Sviluppo Italia Engineering

Activities: Drafting of the sections of the environmental reference framework regarding Air and Noise.

Year: 2005

Project: Design of the municipal kennel-park

Client: Municipality of Montelibretti (RM)

Activities: Integration in the environment, preliminary design, and detailed design of the first operational phase.

Year: 2004–2007

Project: Ecological Footprint of the Municipality of Bolzano

Client: Municipality of Bolzano (BZ)

Activities: Calculation of the Ecological Footprint and related communication activities (publication and website).

Year: 2004

Project: Plan for the “Quadrilatero Umbro Marchigiano” area: Strategic Environmental Analysis

Client: Arch. Aldo Ponis for Nuova Servizi tecnici S.p.A.

Activities: Analysis of the overall environmental effects and sustainability of the road network “Quadrilatero Umbro Marchigiano” and of the related metropolitan-level plan.

Year: 2004

Project: Ecological Footprint of Italian Regions included in the Objective 1 of the 2000-2006 Community Support Framework

Client: Ministry of Environment - WWF Italy

Activities: Application of the Ecological Footprint calculation method to all Objective 1 Regions, and expeditious calculation for the other Italian Regions.

Year: 2002

Project: Tuscany Region Ecological Footprint

Client: WWF Italy for Tuscany Region

Activities: Research aimed at the calculation of Tuscany Region Ecological Footprint and of the related deficit/surplus against the region’s ecological capacity.

Year: 2002

Project: “Mobility systems in National Parks. Innovative sustainable mobility proposals to support tourism” (1st phase)

Client: ISFORT (High Institute for Transport Education and Research) - Fondazione Banca Nazionale Comunicazioni – WWF Italy

Activities: Research aimed at defining criteria and actions for the promotion of environmentally friendly modes of transport/mobility in protected areas: desk analyses and field surveys in all 22 Italian National Parks and assessment of the potentials and criticalities of the parks’ internal transport systems and overall accessibility; definition of guidelines for the transport systems optimization towards sustainability.

Year: 2002–2003

Project: Feasibility study of the Oreto river Park

Client: Municipality of Palermo (PA) - Temporary Business Association formed by Cras S.r.l. and Ecosfera S.p.A.

Activities: Analysis, elaboration and scientific survey aimed at the protection and environmental rehabilitation of the Oreto river area, compatibly with the territorial development and transformation demand; Strategic Environmental Assessment of the action plan included in the Feasibility study.

Year: 2001

Project: Ecological Footprint of the Province of Bologna

Client: Province of Bologna

Activities: Calculation of the Ecological Footprint, as an effective tool for communicating sustainable development issues and monitoring the environmental results of plans and programs.

Year: 2001-2002

Project: “Integrated Programme for the environmental rehabilitation and re-use of quarries in the Phlegraean area – Geological and hydrogeological aspects”

Client: Municipality of Quarto (NA)

Activities: Drafting of an Area Plan and of the related implementation plans, aimed at assessing the town-planning and socio-economic feasibility of a proposal for the reuse of disused quarries.

Year: 2001

Project: Regional development plan of quarrying activities – “Ardeatina” area: framework of the regional planning provisions

Client: Divino Amore Consortium – Federlazio

Activities: Preparatory study for the drafting of the section of the Regional development plan of quarrying activities (PRAE) regarding the “Ardeatina” area.

Year: 2001

Project: Programme for the enhancement of Venosa tourism offer

Client: Private studio, on behalf of the Municipality of Venosa (PT)

Activities: Definition of infrastructure, management and organization actions aimed at transforming the tourism potential of the municipal area into concrete opportunities for socio-economic development.

Year: 2000

Project: Proposal for the transformation of two floodplains along the Adige River into wetland biotopes

Client: Adige River Basin National Authority – WWF Italy

Activities: Preliminary project for the renaturalization and environmental enhancement of the floodplains “Trento sud” (around 25.000 square meters) and “Zambara Vecchia” (around 40.000 square meters) along the Adige river.

Year: 2000

Project: Mobility optimization in the Municipality of Parma

Client: Municipality of Parma – WWF Italy (funded by the Ministry of Environment)

Activities: Technical support to the local authority for the definition of strategies and actions to promote sustainable mobility within the municipal area.

Year: 2000

Project: “Citizens’ awareness-raising on climate change. Large-scale retail trade. Consumption models and effects on the urban environment”

Client: Municipality of Rome - WWF Italy (funded by the Ministry of Environment)

Activities: Technical-scientific research and implementation of a survey and awareness-raising campaign in Rome supermarkets. The project is part of a series of actions aimed at reducing GHG emissions, and focuses on the contribution given by citizens’ consumptions.

Year: 2000

Project: “Citizens’ awareness-raising on climate change. Use of scooters. Promotion of public transport and of the sustainable use of private vehicles among under-18 youths”

Client: WWF Italy – ATAC (funded by the Ministry of Environment)

Activities: Research aimed at promoting public transport and the sustainable use of private vehicles among under-18 youths, by raising awareness among scooters owners whilst suggesting a more environmentally and socially correct use of these means of transportation.

Year: 2000

Project: Project for a “Green belt” in the Municipality of Barile

Client: Private studio, on behalf of the Municipality of Barile (PZ)

Activities: The performed activities concur to the implementation of an “Integrated environmental rehabilitation project”, approved by the Town Council and identifying a set of coordinated actions for the rehabilitation and enhancement of the municipal area’s environmental traits and for the promotion of sustainable development initiatives.

Year: 1999

Project: Population awareness raising about the environmental importance of river areas

Client: Arno River Basin National Authority – WWF Italy

Activities: Research and educational activities aimed at disseminating knowledge about the potentials and criticalities of river areas prone to hydraulic risk, and targeting both the inhabitants of potentially vulnerable areas and the economic activities therein established.

Year: 1999

Project: Ecological Footprint calculation

Client: WWF Italy

Activities: Calculation of the Ecological Footprint of the towns of Siena and Cosenza and of Liguria Region, including the preparation of educational materials.

Year: 2000

Project: “Regional studies for the environmental protection of the marine and coastal areas”, within the framework of the LIFE Project ENV/F/000337 “*Etude preparatoire au renforcement et à l’harmonisation de politiques de protection offensives du littoral méditerranéen, par l’outil foncier notamment, dans les pays riverains de l’Union Européenne*”.

Client: European Commission - Conservatoire de l’Espace Littoral et des Rivages Lacustres (CELRL)

Activities: Survey, research and elaboration activities, aimed at assessing the possibility of implementation in Italy of French methodologies for the purchasing of natural coastal areas by the State, in order to ensure their preservation; in-depth study of a representative sample of Italian regions.

Year: 1999

Project: LIFE Project ENV/F/000337: Research on the Italian legal framework

Client: European Commission - Conservatoire de l’Espace Littoral et des Rivages Lacustres (CELRL)

Activities: In-depth study of the Italian national legal framework, aimed at analysing the regulatory and legal aspects connected with the implementation in Italy of French methodologies for the purchasing of natural coastal areas by the State, in order to ensure their preservation.

Year: 1999

Project: Activity program regarding environmental knowledge and awareness-raising about the desertification problem in the river basins of Liri Garigliano and Volturno

Client: Liri Garigliano and Volturno River Basin National Authority – WWF Italy

Activities: Research, surveys and technical-scientific elaborations aimed at producing an overview of the desertification problem in the river basin area, including the identification of the more risk-prone areas; educational activities aimed at raising awareness among the population about the analysed phenomena.

Year: 1998-1999

Project: Preliminary assessment of the climate change effects on the Adige river hydrological balance and on the fluvial ecosystems

Client: Adige River Basin National Authority – WWF Italy

Activities: Research and scientific analysis aimed at preliminarily assessing the existence in the Adige river basin of the climatic fluctuations recognized at global level and the nature and extent of their predictable effects.

Year: 1998-1999

Project: Research on the definition of methods and criteria for the implementation of actions aimed at restoring the longitudinal and transversal environmental continuity of river areas in the Adige river basin

Client: Adige River Basin National Authority – WWF Italy

Activities: Analysis and technical-scientific elaborations aimed at providing guidelines for the restoration of ecological continuity within a sample river basin; identification of preliminary actions (both punctual and wide-ranging) to start the rehabilitation and restoration process; information and education activities addressed to the population.

Year: 1998-1999

Project: Integrated project for the environmental rehabilitation of Barile municipal area

Client: Studio Paoletta, on behalf of the Municipality of Barile (PZ)

Activities: Survey for the identification of environmental risks and problems within the municipal area; definition of guidelines for rehabilitation; identification of possible financial channels to fund the implementation of rehabilitation actions.

Year: 1999

Project: Specialist support to the implementation of a training project addressing the management staff in charge of water supply and environmental infrastructure in Southern Italy

Client: SUDGEST – WWF Italy

Activities: Organization and implementation of a survey campaign focused on environmental problems in the public administration and business sectors, targeting around 800 public authorities and business associations in Southern Italy. The surveys were conducted within the framework of a training program launched by SUDGEST and aimed at forming new professional figures in the public and private sectors, able to deal with environmental issues.

Year: 1999

Project: Environmental screening report for three Eolic fields in Basilicata Region, according to regional law no. 47/99

Client: IVPC – Italian Vento Power Corporation S.p.A.

Activities: Assessment of the potential GHG reduction and impacts (visual impact, bird-strike, noise, and electromagnetic pollution) resulting from the installation of Eolic turbines in Basilicata Region, in order to evaluate the balance between local impacts and global environmental benefits.

Year: 1999

Project: “The river network as an instrument to restore environmental continuity in the Po river basin”

Client: Po River Basin National Authority – WWF Italy

Activities: Survey and research aimed at defining guidelines, strategies and tools to enhance environmental protection actions within the framework of the river basin planning activities; identification of technical, legal, planning and financing tools; in-depth analysis of the legal and planning framework regarding river areas, highlighting synergies among different sectors and different branches of regulations.

Year: 1998-1999