



ARPAV - Regional Agency for Environmental Protection and Prevention of Veneto

INSTITUTIONAL PROFILE

ARPAV is a public body founded in 1996. The goal of the Agency is to control and preserve the environment in order to help the identification and elimination of risks to humans and to the environment. Its principal activities are:

- Controlling of the environment including sources of pollution (e.g. industrial emissions, waste, radiation);
- Monitoring of the state of the environment, particularly the quality of air, water, and soil;
- Preventing risk factors and promoting an education aimed at favouring life styles, which respect the environment.

ARPAV coordinates its activities closely with others Public Bodies and Private Organisations in order to complete its tasks for the interest of whole society, having developed a large and structured network.

To this end, in order to develop also on international landscape those expertises, exchanging best practices as well as learning and giving international lessons, ARPAV is constantly partner and leader within several international projects, summarised here below.

Nevertheless the following list of projects also contains some national or regional level experiences that is worth referring considered their scientific and economic value.

n.	Project Title (referring program)	Description	Project Life Start End	Budget (amount)	Role held	Other Partners	Contacts
1	APICE – Common Mediterranean strategy and local practical Actions for the mitigation of Port, Industries and Cities Emissions (MED Programme)	The projects targets to develop a knowledge-based approach for air-pollution mitigation and sustainable development of port activities. APICE, performed in 5 big port-cities, is organized in 3 main project phases: 1)air-monitoring campaigns, intercomparison & modelling to quantify the impact of the selected pollutant sources to the air-quality in each territory; 2) identification of the risk activities to design intervention scenarios and 3) adaptation of the joint strategies at local to improve the governance capacities in the coastline project areas.	2010 2012	Overall 2.281.420 Arpav 527.880	Leader	- Veneto Region Territorial Planning and Parks Department (IT); - Province of Genoa (IT); - University of Genoa (IT); - Marseille Port Authority (FR); - University of Provence (FR); - REGION OF CENTRAL MACEDONIA (GR); - Aristotle University of Thessaloniki (GR); - University of West Macedonia-Research Committee (GR); - Spanish Research Council - Institute of Environmental Assessment and Water Research (IDAEA) (ES); - EUCC - Mediterranean Centre Country (ES)	Salvatore Patti spatti@arpa.veneto.it Sandro Boato sboato@arpa.veneto.it ats@arpa.veneto.it
2	Romania Twinning Light RO071B/EN/02/TL "Specific support for Implementation of 96/82/EC Directive (Seveso II) and 2003/105/EC Directive" (PHARE Twinning)	The overall objective of the project is to improve the implementation of land use planning, safety management systems, inspection – checking of implementation /prohibition of use, assessment of risk analysis and major accidents/incidents investigation of Romanian authorities. The specific purpose of the project is enhancing the administrative and control capacities of the relevant Romanian authorities regarding the implementation and enforcement of SEVESO II Directive on control of major-accident hazards involving dangerous substances, including its amendment directive	2009 2010	Overall 241.600 Arpav 107.500	Leader	- ARPAB Regional Agency for Environmental Protection of Basilicata Region (Italy) - CSI Piemonte (Italy) - CGIAM Center of Integrated Geomorphology for the Mediterranean Area - Various Romanian authorities	Carlo Ferrari cferrari@arpa.veneto.it ats@arpa.veneto.it

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3	Estonia Twinning Light EE06-IB-TWP-ESC-03 "Estimation of concentrations of radionuclides in Estonian ground waters and related health risks" (PHARE Twinning)	Ground waters in Estonia, due to geological reasons, contain a certain amount of natural radionuclides. The purpose of the twinning is to minimize the health risks caused by radionuclides in Estonian drinking waters.	2008	2009	Overall 73.600 Arpav 4.680	Partner	<ul style="list-style-type: none"> - ARPALombardia (Italy) - Health Protection Inspectorate (Estonia) - Ministry of Environment (Estonia) - Radiation Protection Centre (Estonia) - Association of Estonian Water Producers (Estonia) - Institute of Physics of University of Tartu (Estonia) 	Flavio Trotti frotti@arpa.veneto.it ats@arpa.veneto.it	
4	Romania Twinning Light RO07/IB/EN/01/TL "Support to National Environmental Guard administration to ensure appropriate enforcement of the environmental legislation at EU border " (PHARE Twinning)	The purpose of the twinning project is to Increase the efficiency and effectiveness of National Environmental Guard inspection and control measures for enforcement the environmental legislation in the field on IPPC, water and nature protection areas at EU border	2008	2009	Overall 250.000 Arpav 49.000	Partner	<ul style="list-style-type: none"> - Various Italian authorities - Various Romanian authorities (NEGs, Ministry of Environment) 	Emilia Aimo eaimo@arpa.veneto.it ats@arpa.veneto.it	

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5	PERMANET – Longterm Permafrost Monitoring Network (Interreg IV B Alpine Space)	Permafrost is highly sensitive to climatic changes. The overall objective of the PermaNET project is to make an important contribution to the mitigation of natural hazards that result from climate change impacts on alpine permafrost. The PermaNET project will produce an alpine-wide permafrost monitoring network including an information system and selected monitoring sites, a permafrost map for the entire Alpine Space and a common strategy as well as guidelines for the consideration of permafrost in risk and water resources management.	2008 2010	Overall 3.303.468 Arpav 89.000	Subcontractor	<ul style="list-style-type: none"> - Autonomous Province of Bolzano - South Tyrol, Office for Geology and Building Materials Testing (Italy) (Leader) - Bavarian Environment Agency, Department 10: Geological Survey, Economic Geology, Soil Protection (Germany) - Regional Agency for Environmental Protection of Piemonte, Regional centre for geological researches (Italy) - Aosta Valley Autonomous Region (Italy) - Region of Veneto, Geological Survey (Italy) - Autonomous Province of Trento - Civil and Territory Protection Department, Geological Survey (Italy) - Austrian Federal Ministry of Agriculture, Forestry, Environment and Water Management, Forest Department (Austria) - University of Innsbruck, Institute of Geography (Austria) - University of Graz, Institute of Geography and Regional Science (Austria) - Central Institute for Meteorology and Geodynamics, Regional Office for Salzburg and Oberösterreich (Austria) - University Joseph Fourier - Grenoble I, Institute of Alpine Geography, Lab PACTE-Territories (France) - National Center for Scientific Research - EDYTEM Laboratory (France) - Grenoble Institute of Technology, GIPSA-lab (France) - Federal Office for the Environment FOEN (Switzerland) 	<p>Alberto Luchetta aluchetta@arpa.veneto.it ats@arpa.veneto.it</p> <p>http://www.permanet-alpinespace.eu/</p>

n.	Project Title (referring program)	Description	Project Life Start End		Budget (amount)	Role held	Other Partners	Contacts
6	Romania Twinning RO06/IB/EN/10, "Support to the National Environmental Guard (NEG) to strengthening its capacity on inspection and control" (PHARE Twinning)	The proposed project aims to support the National Environmental Guard (NEG) and its national, regional and local level structures, with their day-to-day responsibilities and functions related to the enforcement of the environmental acquis in the following fields: IPPC, SEVESO II, VOCs, Chemicals, LCP, WEEE management, water management, nature protection and GMOs	2008	2010	Overall 600.000 Arpav 95.600	Leader	<ul style="list-style-type: none"> - Arpa Veneto (Italy) - National Institute of Health – ISS (Italy) - Arpa Basilicata (Italy) - CGIAM Center of Integrated Geomorphology for the Mediterranean Area (Italy) - National Environmental Guard (Romania) - The Regional Environmental Protection Agencies (REPAs) (Romania) - The Local Environmental Protection Agencies (LEPAs) (Romania) 	<p>Emilia Aimo eaimo@arpa.veneto.it ats@arpa.veneto.it</p>

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7	ALP WATER SCARCE: Water Management Strategies against Water Scarcity in the Alps (Interreg IV B Alpine Space)	It is expected that in future, even the water-rich Alps, in particular the southern Alps, will be affected by severe droughts due to climate change. Increasing anthropogenic water abstraction (for energy, cooling, irrigation, tourism and artificial snow) will exacerbate the water scarcity problem. The project will investigate this matter and will try to propose new strategic approaches and solutions (multifunctional water use and reuse, land use change, artificial groundwater recharge, etc.).	2008	2011	Overall 3.990.903 Arpav 201.200	Partner	<ul style="list-style-type: none"> - Institute de la montagne, Universite' de Savoie (France) (Leader) - Societe' Economique Alpestre (France) - Conseil Generale de la Savoie (France) - Amt der Kaernter Landesregierung (Austria) - Amt der Steiermaerkischen Landesregierung (Austria) - Paris Lodron Universitaet Salzburg Zentrum fuer Geoinformatik (Austria) - Bundesanstalt fuer Agrarwirtschaft (Austria) - GAL Appennino genovese (Italy) - Province of Alessandria (Italy) - Province of Trento - Dipartimento Urbanistica e Ambiente (Italy) - UNCEM Delegazione Piemonte (Italy) - ARPAV - DRST (Italy) - Geoloski Zavod Slovenije (Slovenia) - Nacionalni Institut za Biologijo, Ljubljana (Slovenia) - Kmetijsko Gozdarska zbornica slovenije, Maribor (Slovenia) - Eidgenoessische Anstalt fue Wasserversorgung, Abwasserreinigung und Gewaesserschutz (Switzerland) - Bundesamt fuer Umwelt BAFU (Switzerland) 	Alberto Luchetta aluchetta@arpa.veneto.it ats@arpa.veneto.it
8	Bulgary Twinning BG06/IB/EN/01, "Strengthening of surface water monitoring network operation" (PHARE Twinning)	The ultimate overall objective of the present project is the implementation of the WFD 2000/60/EC requirements related to monitoring of surface water bodies (rivers, lakes, coastal waters, artificial surface water bodies and heavily modified surface water bodies).	2008	2009	Overall 700.000 Arpav 64.500	Mandated Body	<ul style="list-style-type: none"> - Ministry of Environment (Italy) - ISS, Italian National Health Institute (Italy) - National Research Council (Italy) - Studiare Sviluppo (Italy) - Various Bulgarian authorities 	Emilia Aimo eaimo@arpa.veneto.it ats@arpa.veneto.it

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9	Poland Twinning PL2005/IB/EN /04/TL, "Strengthening the Polish environmental administration in implementation of the <i>acquis communautaire</i> through information technology systems" (Transition Facility)	The project aims to strengthen the administration responsible for implementation of the <i>acquis communautaire</i> in the field of environmental protection and water management. This objective will be achieved by providing IT facilities that will allow complying better with obligations resulting from the <i>acquis communautaire</i> , in particular in the scope of collecting and processing environmental data for reporting and decision-making purposes and in the field of making environmental information available to the public	2008 2008	Free participation	Support as Technical member	- Formez (Italy) - CSI Piemonte (Italy)	Emilia Aimo eamo@arpa.veneto.it ats@arpa.veneto.it
10	ROADIDEA: Road Map for Radical Innovations in European Transport Services (7th Frame Program)	ROADIDEA will analyse the innovation potential of the European transport systems by developing a comprehensive methodology to collect very detailed and versatile traffic information, both static archived data and dynamic in real time from vehicles (onboard sensors) and infrastructure (e.g. roadside video monitoring, archives), and to process and analyse this data for a large transport network in order to produce relevant informations for mobility services	2007 2010	Overall 4.903.707 Arpav 252.600	Partner	- Foreca Consulting Ltd (Finland) - VTT Technical Research Centre of Finland - Finnish Meteorological Institute - Destia Tieliikelaitos (Finland) - Klimator AB (Sweden) - Demis B.V. (Netherlands) - DLR, Institute of Transport research (Germany) - Pöyry Infra Traffic GmbH (Germany) - Road Safety Engineering Bureau (Hungary) - Meteo-Info (Croatia) - AMANOVA d.o.o. Adadvanced Materials, Intelligent Systems (Slovenia) - LogicaCMG Netherland B.V.	Marco Monai mmonai@arpa.veneto.it cmt@arpa.veneto.it

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11	Ecogovernance Ecological foundations for the governance of the Adriatic coastal space:Ecology, Monitoring and Management of transitional aquatic ecosystems	Reinforcement of actions pointed at managing lagoon water ecosystems and Adriatic coastal zone.The main aim is to create a network wich may link the different skills of all the agencies, public bodies, research centers and end users of Adriatic coastal area.	2007	2008	Overall 1.019.490 Arpav 41.990	Leader	-Università del Salento -ICRAM, APAT, -CNR ISMAR , -Regione Puglia, -ARPA Puglia, -ARPA Emilia Romagna, -ARPA Friuli Venezia Giulia, -ARPA Veneto, -Università di Ferrara, -Università di Bologna, -Università Politecnica delle Marche -Università di Bari, -Università Ca' Foscari di Venezia, -Università di Trieste -Comune di Nardò(Lecce).	Giuliana Sanavia gsanavia@arpa.veneto.it ats@arpa.veneto.it
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12	INSPECT-CEM: Environmental Inspection Guidelines for the Cement Clinker Industry (IMPEL program)	On the basis of relevant EU legislation (IPPC, EMAS, Water Framework Directive, ...) and following relevant guidelines provided by the VI Environmental Action Plan, the project will provide a set of inspection guidelines based on the understanding of the main threats caused by the Clinker industry	2007 2008	Overall 95.200	Leader	<ul style="list-style-type: none"> - Ministère de la Région Wallonne (Belgium) - Protection and Physical Planning (Croatia) - Ministry of Labour and Social Insurance (Cyprus). - Ministry of Agriculture, Natural Resources and Environment (Cyprus) - Environment Centre Århus (Denmark) - Directions Régionales de l'Industrie, de la Recherche et de l'Environnement (France) - Ministère de l'Environnement (France) - Bezirksregierung Münster (Germany) - Ministry of Environment (Greece) - Arpa Veneto (Italy) - Apat (Italy) - State Environmental Service of Latvia - Wojewódzki Inspektorat Ochrony Środowiska w Kielcach (Poland) - Environmental and Territorial Planning General Inspectorate (Portugal) - Ministry Of Environment And Sustainable Development (Romania) - National Environmental Guard (Romania) - Ministry of the environment and spatial planning (Slovenia) - Environment Agency (UK) 	Riccardo Quaggiato rquaggiato@arpa.veneto.it ats@arpa.veneto.it

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13	COST Action 734: Impacts of Climate Change and Variability on European Agriculture: CLIVAGRI	The main objective of the Action is the evaluation of possible impacts from climate change and variability on agriculture and the assessment of critical thresholds for various European areas	2006 2010	Free participation	Support as Technical member	Various representatives of: Austria, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Netherlands, Norway, Poland, Romania, Serbia, Slovakia, Slovenia, Spain, Switzerland, United Kingdom	Meteorological Centre of Teolo cmt@arpa.veneto.it http://www.cost.esf.org
14	LIFE-PARFUM PARTICulates, Freight and heavy duty vehicles in Urban environments (LIFE III ENV)	The project will implement and evaluate a combination of innovative technologies for clean vehicles for city logistics and public transport, integrated with policy and planning approaches. It will be tested and evaluated under real-life conditions in two urban areas (Bremen/DE, Padua/IT).	2006 2009	Overall 2.188.079 Arpav 263.107	Partner	- City of Bremen (Germany) (leader) - SWB (Germany) - DHL (Germany) - City of Padua - Province of Padua - Net-Engineering (Italy) - DCMR (Nederland)	Alessandro Benassi abenassi@arpa.veneto.it ats@arpa.veneto.it
15	Slovak Twinning SK2005/IB/EN/01, "Establishment of the Environmental Quality Standards for water and Strengthening of Regional and District Environmental Offices for implementation of water controls and monitoring" (Transition Facility)	The project is targeted to develop the Environmental Quality Standards (EQSs), for some of the priority substances and dangerous substances identified during the process of Pollution Reduction Programme as relevant for the Slovak Republic. Furthermore, the implementation of the project will allow the relevant state administration responsible for water protection and sustainable use of water resources to fulfil the requirements of the Water Framework Directive 60/2000/EC and Council Directive 76/464/EEC.	2006 2008	Free participation	Support as Technical member	- Agency for Co-operation of Local Authorities (Italy) - Arpa Piemonte (Italy) - Arpa Veneto (Italy) - Arpa ER (Italy) - Slovak Hydro-Meteorological Institute - SHMU (Slovenia) - ISS, Italian National Health Institute - Provincial administrations of Turin, Reggio Emilia, Mantova, Cremona, Modena	Emilia Aimo eaimo@arpa.veneto.it ats@arpa.veneto.it

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			Start	End				
16	Poland Twinning PL2005/IB/EN/03, "Extension of the sanitary supervision system in the area of water quality" (PHARE – CARDS Twinning)	Improving of the Drinking Water Monitoring management system used by the Poland Chief Health Inspectorate	2006	2007	Overall 769.999 Arpav 25.100	Partner	- Ministry of Health (Italy) (leader) - National Health Institute (ISS – Italy) - ARPA Lombardia (Italy) - Formez	Emilia Aimo eaimo@arpa.veneto.it ats@arpa.veneto.it
17	Poland Twinning PL2004/IB/EN/02, "Management System on Drinking Water Monitoring in Chief Health Inspectorate" (PHARE – CARDS Twinning)	Improving of the Drinking Water Monitoring management system used by the Poland Chief Health Inspectorate	2006	2007	Overall 1.000.000 Arpav 34.000	Partner	- Formez - ARPA Toscana (Italy) - ARPA Emilia Romagna (Italy) (leader) - ISS (National Health Institute - Istituto Superiore di Sanità - Italy) - AQP (Consortium for waterworks in Puglia - Acquedotti Pugliesi Riuniti, Italy) - APAT (Italy)	Emilia Aimo eaimo@arpa.veneto.it ats@arpa.veneto.it
18	COST Action 731: Propagation of Uncertainty in Advanced Meteo-Hydrological Forecast Systems	The main objective of the Action is to address issues associated with the quality and uncertainty of meteorological observations from remote sensing and other potentially valuable instrumentation. It will also consider their impacts on hydro-meteorological outputs from advanced forecasting systems	2005	2010	Free participation	Support as Technical member	Various representatives of: Belgium, Cyprus, Czech, Republic, Denmark, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Luxembourg, Netherlands, Norway, Poland, Portugal, Spain, Sweden, Switzerland, United Kingdom	Meteorological Centre of Teolo cmt@arpa.veneto.it http://www.cost.esf.org
19	Survey on water quality of small mountain lakes (Interreg III A Italia-Austria)	Survey on water quality of 6 small mountain lakes and pilot survey on Mosigo lake (San Vito di Cadore - BL)	2005	2007	Overall 430.000 Arpav 80.000	Partner	- City of S. Vito di Cadore (Italy) (leader) - City of Oetz (Austria) - Innsbruck university	Franca Bergoglio bergoglio@arpa.veneto.it ats@arpa.veneto.it
20	Integrated evaluation of air quality in Val Belluna (Interreg III A Italia-Austria)	Carrying out of a forecasting model able to support programmatic choices of the territory	2005	2007	Overall 150.000	Leader	- Land Carinzia (Austria) - ZAMG Salzburg (Austria)	Franca Bergoglio bergoglio@arpa.veneto.it ats@arpa.veneto.it

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21	INSPECTAN: Environmental Inspection Guidelines For The Tanning Industry (IMPEL program)	<p>INSPECTAN project aims to provide:</p> <ul style="list-style-type: none"> - A report describing basic principles for understanding potential environmental threats caused by the tanning industry according to the commonest production methods utilised within the European Union including the Accession Countries, taking into account the BREF tanneries. - A set of inspection guidelines based on the understanding of the main threats caused by the tanning industry 	2005	2006	<p>Overall 78.000</p> <p>Arpav 20.000</p>	Leader	<ul style="list-style-type: none"> - Ministry of Ecology and Sustainable Development (France) - UBA, Federal Environmental Agency (Germany) - State Environmental Service - Director of the Department of Permits and Specifications (Latvia) - WIOS Warszawa Delegatura Radom (Poland) - Conselleria de Medio Ambiente, Xunta de Galicia (Spain) - Miljöskyddsensheten Länsstyrelsen i Västra Götalands län (Sweden) - APAT - Environment Protection Agency and Technical Service (Italy) - ARPAV, Regional Environmental Protection Agency Veneto (Italy) - Province of Vicenza (Italy) - ARPAT, Regional Environmental Protection Agency Tuscany (Italy) 	<p>Riccardo Quaggiato rquaggiato@arpa.veneto.it ats@arpa.veneto.it</p>
22	COST Action 728: Enhancing meso-scale meteorological modelling capabilities for air pollution and dispersion applications	The main objective of the Action is to develop advanced conceptual and computational frameworks to enhance significantly European capabilities in mesoscale meteorological modelling for air pollution and dispersion applications.	2004	2009	Free participation	Support as Technical member	<p>Various representatives of: Belgium, Bulgaria, Cyprus, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Italy, Lithuania, Netherlands, Norway, Poland, Portugal, Romania, Spain, Sweden, Switzerland, Turkey, United Kingdom</p>	<p>Meteorological Centre of Teolo cmt@arpa.veneto.it http://www.cost.esf.org</p>

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23	MONARPOP – Monitoring network in the Alpine Region for persistent and other organic pollutants (Interreg III B Alpine Space)	MONARPOP monitors POPs and other organic pollutants with respect to their: - long-range transport to remote alpine regions; - prevalent source directions; - loads within the alpine range, including regional differences variation with altitude; - present stocks, bound in forests of the alpine region; - possible biological effects of the detected loads	2004 2008	Overall 1.846.720 Arpav 90.000	Partner	- Austrian Ministry for Agriculture, Forestry, Environment - ARPA Lombardia (Italy) - Bayerisches Staatsministerium für Umwelt - Gesundheit und Verbraucherschutz (Germany) - GSF Bayern (Germany) - SFI Slovenia - UBA Berlin (Germany) - UBA Vienna (Austria) - BUWAL (Switzerland)	Rodolfo Bassan rbassan@arpa.veneto.it ats@arpa.veneto.it http://www.monarpop.at/
24	Poland Twinning PL2004/IB/EN/02, "Implementation of the Water Frame Directive 2000/60/EC" (PHARE – CARDS Twinning)	The project aims to support the implementation of the EU Water Framework Directive (2000/60/EC of 23 October 2000) and the related European legislation in Poland and to facilitate the necessary adjustments of the legislative, administrative and technical framework conditions	2004 2005	Free participation	Support as Technical member	- Gesellschaft für Technische Zusammenarbeit - GTZ (Germany) - Geocart srl (Italy)	Paolo Parati pparati@arpa.veneto.it ats@arpa.veneto.it
25	Calibration and validation of optics and microwave remote sensing data in Antarctica (PNRA)	Remote sensing from space has become an acknowledged tool for performing measurements which are relevant in a variety of environmental studies. The first objective of this research is to obtain a microwave radiometer spectral measurement time-series at Dome C to calibrate, validate and externally monitor the performance of the future space missions using a stable geophysical target such as the Antarctic ice sheet.	2004 2006	Overall 140.000 Arpav 26.500	Partner	-CNR–IFAC Istituto di Fisica Applicata (Firenze) -CNR –IAA Istituto di Inquinamento Atmosferico (Roma) -ESA-ESTEC European Space Agency	Anselmo Cagnati acagnati@arpa.veneto.it www.pnra.it www.concordiabase.eu

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26	SURFace MAAss balance of Dome C drainage area (PNRA)	In order to understand past sea level change and predict future change, it is essential to measure and explain the present state of balance of ice sheets. The main plan proposes are: to reduce the uncertainties in surface mass balance research using the integration of meteo-climate and glaciological data; to study the time/source variability of precipitation and their influence on chemical/isotopical composition of snow, to study the post-depositional losses and diffusion of chemical/isotopical species in the snow.	2004 2006	Overall 420.000 Arpav 35.000	Partner	- ENEA CLIM-OSS (Roma) - Istituto Nazionale di Geofisica e Vulcanologia (Roma) - Dip di Scienze Geologiche Ambientali e Marine Università di Trieste - Dip. di Chimica Università di Firenze - DISTART – Università di Bologna - LGGE-Grenoble (France)	Anselmo Cagnati acagnati@arpa.veneto.it www.pnra.it www.concordiabase.eu
27	ADRIAMET – Integrated system for monitoring and forecasting of meteorological and water conditions parameters in Adriatic Sea (Interreg III Adriatic Cross Border)	- Production and distribution of "ADRIAMET" WEATHER FORECAST - Creation of an informatics tool enabling sharing of data of interest for the monitoring of Adriatic Sea - Local strengthening/integration of the regional and national monitoring networks in the Adriatic coastal and maritime area - Using for forecast and test of models for the analysis and forecasting of the physical state of the Adriatic sea (waves and currents) - Study of integrated methods for meteorological forecasting on the Adriatic area	2004 2008	Overall 1.222.000 Arpav 612.000	Leader	- ARPA Friuli Venezia Giulia (Italy) - ARPA Emilia Romagna (Italy) - Regional Government of Marche (Italy) - Regional Government of Abruzzo (Italy) - Rudjer Boskovic Institut - Center for Marine Research, Rovinj (Croatia) - DHMZ, Meteorological and Hydrological Service (Croatia) - RHMZ, HydroMeteorological Istitut of Montenegro (Serbia and Montenegro)	Marco Monai mmonai@arpa.veneto.it ats@arpa.veneto.it http://www.adriamet.info/

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28	KATER II – Karst water research program (Interreg III B CADSES)	<ul style="list-style-type: none"> - Analysis on available mountain aquifer data - Sampling and analysis on mountain underground waters quality - Implementation of monitoring network for mountain aquifer - Processing of acquired data 	2004	2006	Overall 3.246.400 Arpav 90.000	Subcontractor	<ul style="list-style-type: none"> - Regional government of lower Austria (leader) - IRGO Institute of Mining, Geotechnology and Environment (Slovenia) - Institute of Geology (Croatia) - Molise University (Italy) 	Paolo Parati pparati@arpa.veneto.it ats@arpa.veneto.it http://www.kater.at
29	FORALPS – Meteo-hydrological Forecast and observations for improved water Resource management in the Alps (Interreg III B Alpine Space)	The project will improve and integrate instruments to support the management of environmental resources in alpine areas, in particular water. This goal will be achieved by adopting innovative techniques for monitoring and reconstructing the time evolution of whether hydrological processes	2004	2007	Overall 2.797.300 Arpav 210.000	Partner	<ul style="list-style-type: none"> - Trento University (Italy) (leader) - APAT (Italy) - ARPA Friuli V.G. (Italy) - ARPA Lombardia EARS (Italy) - Province of Bolzano (Italy) - Province of Trento (Italy) - Regional government of Valle d'Aosta (Italy) - ZAMG Innsbruck; Klagenfurt; Salzburg; Wien (Austria) 	cmt@arpa.veneto.it ats@arpa.veneto.it http://www.unitn.it/foralps/

n.	Project Title (referring program)	Description	Project Life Start End	Budget (amount)	Role held	Other Partners	Contacts
30	ALPS QUAKENET – Alpine Integrated GPS Network: real time monitoring and master model for continental deformation and earthquake hazard (Interreg III B Alpine Space)	Alps-GPS Quake Net will promote transnational co-operation in the field of space geodesy applied to natural hazards. It will delineate the seismic potential within the Alpine space, mountains and surrounding foothills through a continuous GPS network "GAIN" (<i>Geodetic Alpine Integrated Network</i>) able to quantify the crustal deformation of the whole mountain range	2004 2008	Overall 2.143.353 Arpav 80.000,00	Partner	<ul style="list-style-type: none"> - ARPA Piemonte (leader) - Bayerische Akademie der Wissenschaften (Germany) - Institut Physique du Globe de Strasbourg (France) - Deutsches Geodaetisches Forschungsinstitut (Germany) - Environmental Agency of the Republic of Slovenia - Fondazione Montagna Sicura (Italy) - Province of Bolzano - South Tyrol (Italy) - Regional government of Liguria (Italy) - Regional government of Lombardia (Italy) - Province of Trento (Italy) - Université Joseph Fourier, Laboratoire de Géophysique Interne et Tectonophysique (France) 	<p>Rodolfo Bassan rbassan@arpa.veneto.it ats@arpa.veneto.it</p> <p>http://www.alps-gps.units.it</p>
31	METEORISK – Mitigation of natural risks through improved forecasting of extreme meteorological events (Interreg III B Alpine Space)	Improving of weather forecasting systems and communication between alpine countries aimed to support institutes in case of extreme meteorological events	2003 2006	Overall 1.901.684 Arpav 172.200	Partner	<ul style="list-style-type: none"> - ARPA Friuli Venezia Giulia (Italy) - ARPA Lombardia (Italy) - ARPA Piemonte (Italy) - DWD Meteo Swiss (Switzerland) - Province of Bolzano (Italy) - Province of Trento (Italy) - Regional government of Valle d'Aosta (Italy) - Slovenia Meteo Office - ZAMG Salzburg (leader); Carintia; Stiria; Tirol (Austria) 	<p>Francesco Sommavilla fsommavilla@arpa.veneto.it ats@arpa.veneto.it</p> <p>http://www.meteorisk.info</p>

n.	Project Title (referring program)	Description	Project Life Start End		Budget (amount)	Role held	Other Partners	Contacts
32	Studies and monitoring actions on the Evolution of the marine-coastal ecosystem, for the protection, integrated management and exploitation of the sea resource (Interreg III A/Phare CBC Italy-Slovenia 2000-2006)	Project is split into 4 subprojects: - creation of OAA, permanent centre dedicated to Northern Adriatic Sea protection - Activities concerning biological oceanography - Chemical and ecological state evaluation of the Northern Adriatic coastal strip (within 2 nm) - Georeferential mapping of "tegnùe" (rocky structures of the Northern Adriatic Sea floor) and studies on their main features	2003	2006	Overall 4.285.715	Leader	- Marine Biology Lab, Trieste (Italy) - Marine Biology Station, Piran (SLO)	Marina Vazzoler mvazzoler@arpa.veneto.it ats@arpa.veneto.it www.arpa.veneto.it/home/hm/interreg.asp

n.	Project Title (referring program)	Description	Project Life Start End	Budget (amount)	Role held	Other Partners	Contacts
33	ECALP – ECopedologic soil map of ALPs territory (Italian Ministry of Environment Funds)	<p>Identification and survey of the reference institutions responsible for producing and housing ecopedological data for the alpine territory</p> <p>Identification and survey of data available within the reference and other institutions (type and structure of data)</p> <p>Development of a network of the European partners in charge of collecting soil data for the alpine areas</p> <p>Definition of common methodologies to collect and elaborate reference data</p> <p>Production of a first version of the Ecopedological Map of the Alps at the scale of 1:250.000</p>	2003 2005	<p>Overall 250.000</p> <p>Arpav 50.000</p>	Subcontractor	<p>-Study Centre Val d'Ossola, Center for Research on the Environment and Sustainable Development of the Lombardia Region</p> <p>- Catholic University and Institute for the Dynamics of Environmental Processes - --</p> <p>-CNR Joint Research Centre - European Commission, Institute for Environment & Sustainability, Land Management and Natural Hazards Unit</p> <p>Piemonte -Forestry and Environment Institute (IPLA)</p> <p>Rhône-Alpes (F) SIRA (Soil Info Rhône-Alpes) - Chamber of Agriculture Rhône Alpes</p> <p>Lombardia (I) Regional Agency, for Agricultural and Forestry Development (ERSAF)</p> <p>Switzerland (CH) Swiss Federal Research Station for Agroecology and Agriculture</p> <p>Austria (A) Federal Environment Agency (UBA), Federal Office and Research Centre for Forests</p> <p>Friuli Venezia-Giulia Regional Agency for Rural Development</p> <p>(ERSA)Slovenia Center for Soil and Environmental Science - University of Ljubljana</p>	<p>Paolo Giandon pgiandon@arpa.veneto.it ats@arpa.veneto.it</p>

n.	Project Title (referring program)	Description	Project Life Start End		Budget (amount)	Role held	Other Partners	Contacts
34	TEIAMM – Transboundary Effects Industrial Accident Management Model (Law 84/01 - Italian Development Projects in the Balkans)	Development of a methodological model, prepared and tested on field, capable to prevent industrial accident, to handle emergencies and to lighten negative effects of possible accidents in the Danube middle and final course area	2003	2004	Overall 240.000	Partner	- FORMEZ (Italy) - Italian Ministry of Environment - ICARO s.r.l. (Italy)	Loris Tomiato ltomiato@arpa.veneto.it ats@arpa.veneto.it www.balcanionline.it
35	Poland Phare 2002 Twinning PL02/IB/EN 02 - Monitoring drinking water quality (PHARE – CARDS Twinning)	Adaptation of the Poland existing control and surveillance systems to the EU standards of drinking water monitoring	2003	2004	Arpav 154.676	Leader	- ARPA Basilicata (Italy) - ARPA Emilia Romagna (Italy) - ARPA Piemonte (Italy) - Azienda USLL N.4 Alto Vicentino (Italy) - ISS (Istituto Superiore di Sanità – Italy) - Ministry of Environment (Italy)	Emilia Aimo eaimo@arpa.veneto.it ats@arpa.veneto.it
36	Integrated Environmental management in the tannery district of Chiampo Valley (Italy) (LIFE 00 ENV/IT/000184)	The target audience is the Valle del Chiampo's tanning district, its citizens and nearly 800 companies manufacturing bovine and calf leathers, employed in the furnishing, shoe and clothing industries. Main objectives: • Reduction of air, water and soil pollution as a consequence of technological innovations being implemented by local businesses • Improvement of environmental protection in the territory, through the Agency set up • Citizens' participation in environmental policies' definition • Pledging economic growth and life quality improvement	2001	2003	Overall 1.505.000 Arpav 448.760	Partner	- Provincia di Vicenza (I) - ENEA (Italy) - Comune di Arzignano – Vicenza (Italy)	Vincenzo Restaino vrestaino@arpa.veneto.it ats@arpa.veneto.it www.progettogiada.org

n.	Project Title (referring program)	Description	Project Life Start End		Budget (amount)	Role held	Other Partners	Contacts
37	Environmental Information and Education (Docup Objective 2 2000-2006 - FESR) (Regional funds)	<p>A set of 25 projects running in accordance with the following action patterns:</p> <ul style="list-style-type: none"> • Enhancement of the Environmental Education (EE) local lab network • Promotion and developing of Local Agenda 21 processes • Backing actions for EE activities • Training and refreshing courses • Monitoring of behaviours and EE activities • Actions targeted to raise the awareness of environment issues and educational campaigns 	2002	2008	Arpav 1.600.000	Leader	<ul style="list-style-type: none"> - Regional government of Veneto (Italy) - Local Authorities - Public Authorities - Schools - Environmental Associations - Private persons 	<p>Paola Salmaso psalmaso@arpa.veneto.it</p> <p>http://www.arpa.veneto.it/home/htm/docup.asp</p>

n.	Project Title (referring program)	Description	Project Life Start End	Budget (amount)	Role held	Other Partners	Contacts
38	ALPSLAKE – Alpine Lakes Network (Interreg III B Alpine Space)	The project consists in the creation of a network of local authorities in the alpine area involved on the one hand in the management of natural alpine lakes, and on the other hand in sustainable development and improvement of “lakeside environments”	2002 2007	Arpav 55.000	Subcontractor	<ul style="list-style-type: none"> - Region Rhône-Alpes (leader) (France) - Distretto Turistico dei Laghi S.C.R.L. (Italy) - ARPA Piemonte (Italy) - Regional government of Lombardia (Italy) - IREALP (Italy) - Regional government of Veneto (Italy) - Province of Belluno (Italy) - Province of Trento (Italy) - Nationalni Institut za Biologijo (Slovenia) - Provincial Government of Carinthia & Kärntner institut für Seenforschung (Austria) - Rhône-Alpes Tourisme (France) - GIP Le Grand Lac (Lac du Bourget) (France) - Aix-les-Bains Tourism Office (France) - SILA Syndicat Mixte du lac d'Annecy (France) 	<p>Riccardo Quaggiato rquaggiato@arpa.veneto.it ats@arpa.veneto.it</p> <p>http://alplakes.org</p>
39	SIMAGE – Integrated system for environmental monitoring and management of emergencies in the Porto Marghera industrial area. (Regional funds)	The project aims to provide an integrated tool for managing both industrial emissions and possible odd events (such as industrial accidents) and thus protecting the fragile environment (i.e. the lagoon of Venice) and putting on alert the population living close to the area of Porto Marghera. The system is mainly addressed to face emergency situations.	2002 2008	Arpav 4.098.741	Leader	<ul style="list-style-type: none"> - Province of Venice (Italy) - Veneto Region (Italy) - SIGES ENICHEM S.p.A. (Italy) - Ca' Foscari Venice University (Italy) 	<p>Alessandro Benassi abenassi@arpa.veneto.it</p> <p>Loris Tomiato ltomiato@arpa.veneto.it</p>

n.	Project Title (referring program)	Description	Project Life Start End	Budget (amount)	Role held	Other Partners	Contacts
40	ENVISNOW – Development of generic earth observation based snow parameter retrieval algorithms (5th Frame Program)	ENVISAT data will be used to develop, validate and bring into operational use multi-sensor and multi-temporal snow parameter retrieval algorithms applicable both for regional and global mapping. The products shall fulfil the hydrology users requirements for operational products	2002 2005	Arpav 55.300	Partner	<ul style="list-style-type: none"> - Norut Information Technologies (leader) (Norway) - NR (Norwegian Computing Center) - NVE (Norwegian Water Resources and Energy) - TSS Nordic (Trombo Satellite Station) (Norway) - HUT (Helsinki University of Technology) (Finland) - IMG1 (Insitut Fuer Metereologie und Geophysik - Austria) - Verbund VER (Austria) - IFAC (Institute for research on electro-magnetic waves - Istituto di Ricerche sulle onde elettromagnetiche CNR/IROE - Italy) - FEI (The Finnish Environment Institute) 	cva@arpa.veneto.it ats@arpa.veneto.it http://projects.itek.norut.no/EnviSnow/
41	Participation to the Guidance on Monitoring for the Water Framework Directive 2000/60/EC for the European Commission in collaboration with APAT	The purpose of this document, along with the other guidance documents published by the Commission, is to provide experts and stakeholders with guidance in the implementation of the Directive	2002 2002	Institutional contribution	Support as Technical member	APAT – Italian national agency for the environment protection and technical services	Paolo Parati pparati@arpa.veneto.it ats@arpa.veneto.it
42	Northern Adriatic Sea Monitoring (Interreg II A/Phare CBC Italy-Slovenia)	The project is the continuation of the previous efforts carried out by the national and regional Italian government, aimed to the sea and coastal monitoring of the Northern Adriatic area.	1998 2001	Overall 2.530.000	Leader	<ul style="list-style-type: none"> - Sea Biology Institute (CNR), Venice - University of Padua - Marine Biological Station, Piran Slovenia 	cva@arpa.veneto.it ats@arpa.veneto.it

Summarizing	n. projects	Amount (ARPAV)
<i>Total of international projects since 1998</i>	40	€6.955.113,00
Number of projects managed as Leader	11	€4.334.846,00
Number of projects managed as Partner	18	€ 2336.267,00
Number of projects managed as Sub-contractor	4	€284.000,00
Number of projects managed as Technical Support Member	7	Free participation
<i>Total of Large national/regional projects since 1998</i>	2	€5.698.741,00
<i>Total number of projects</i>	42	€12.653.854,00