



## ARPAV - Regional Agency for Environmental Protection and Prevention of Veneto

### INSTITUTIONAL PROFILE

ARPAV, founded in 1996 and operational since October 3, 1997, is a regional agency with administrative, organizational, technical, and financial autonomy. Its primary mission is to protect and preserve the environment, safeguarding public health and territorial safety through a multidisciplinary scientific and technical approach.

The Agency's main objectives are:

- **Environmental protection:** monitoring sources of pollution such as industrial emissions, waste, and radiation, and ensuring the safety and quality of air, water, and soil.
- **Prevention and education:** conducting research, providing information, and promoting environmental education to encourage sustainable lifestyles.

ARPAV coordinates its activities with other public bodies and private organizations, developing a structured network both nationally and internationally. It participates in global projects to exchange best practices, share knowledge, and provide scientific support, while maintaining a strong focus on regional and national initiatives of scientific and economic relevance.

The Agency operates under three-year plans and annual programs, supported by diverse professional staff to enhance innovation and the effectiveness of environmental controls, with its internal regulations approved by the Regional Council to govern its operations.

**2021–2027 Programming Period**  
**European Funding**

		<b>Description</b>	<b>Partnership</b>
<b>Acronym</b>	<b>WASTEREDUCE</b>	<p>The aim of the project is to improve waste management in protected areas and Natura 2000 sites through concrete actions to monitor, prevent, and mitigate the impact of waste, thereby enhancing the protection and conservation of nature and biodiversity. The project aims to improve existing waste management policies and practices by raising awareness and influencing visitor behavior in protected natural areas, while simultaneously reducing the environmental and socioeconomic costs associated with waste. The project includes targeted actions in pilot areas across various countries; in the Veneto region, the area selected is a section of the Brenta River.</p>	<ul style="list-style-type: none"> <li>• LP: IPTPO - Institute of Agriculture and Tourism Hrvatska (HR)</li> <li>• PP1: UNITS - University of Trieste (IT)</li> <li>• PP3: ETRA SPA (IT)</li> <li>• PP4: ARPAV – Regional Agency for Environmental Protection and Prevention of Veneto (IT)</li> <li>• PP5: ETIFOR - ETIFOR Srl Società Benefit (IT)</li> <li>• PP6: SUNCE - Association for Nature, Environment and Sustainable Development Sunce (HR)</li> <li>• PP7: NATURA HISTRICA - Public Institution Natura Histrica (HR)</li> <li>• PP8: IŽ - Region of Istria (HR)</li> <li>• Associated Partners - NATURA – Jadera Public Institution for management of protected areas in Zadar County (HR)</li> </ul>
<b>Project Title</b>	<i>Integrated waste reduction strategies and solutions in protected and Natura 2000 areas</i>		
<b>Reference Program</b>	Interreg Italy – Croatia 21-27		
<b>Project duration</b>	1 february 2024- 31 july 2026		
<b>Total budget</b>	1.657.742,23 € (of which ERDF funds 1.326.193,78€)		
<b>ARPAV Budget</b>	€ 142.440,00 (of which ERDF funds 113.952,00 €)		
<b>Role of ARPAV</b>	Partner		
<b>Project website</b>	<a href="https://www.italy-croatia.eu/web/wastereduce">https://www.italy-croatia.eu/web/wastereduce</a>		

		Description	Partnership
<b>Acronym</b>	<b>Climate_CRICES</b>	<p>The project aims to define operational strategies for managing spatial data and calculating indicators to assess the impacts of climate change, overcoming the challenges of analyzing and linking different databases across Europe.</p> <p>The project aims to: Define the added value of harmonized and visualized data for projecting the effects of climate change; test innovative approaches and tools to improve the ability to estimate the effects of climate change; adopt a data-driven approach to improve the forecasting of climate change effects in Central European regions.</p>	<ul style="list-style-type: none"> <li>• LP: Regione Veneto - Dipartimento ICT e Agenda digitale, Dipartimento Ambiente (IT)</li> <li>• PP1: ARPAV – Agenzia Regionale per la Prevenzione e Protezione Ambientale del Veneto (IT)</li> <li>• PP2: Consorzio per il sistema informativo CSI Piemonte (IT)</li> <li>• PP3: Research Burgenland GmbH (AT)</li> <li>• PP4: Central Danube Development Agency Nonprofit Ltd (HU)</li> <li>• PP5: North-West Croatia Regional Energy and Climate Agency (HR)</li> <li>• PP6: Leibniz Institute of Ecological Urban and Regional Development (DE)</li> <li>• PP7: Wrocław University of Environmental and Life Sciences (POL)</li> <li>• PP8: Jan Evangelista Purkyne University Usti nad Labem (CZ)</li> </ul>
<b>Project Title</b>	<i>Increasing Climate Change Resilience in Central Europe</i>		
<b>Reference Program</b>	Interreg Central Europe 21-27		
<b>Project duration</b>	1 june 2024 - 30 november 2026		
<b>Total budget</b>	€ 2.288.000,00 (of which ERDF funds € 1.830.457,60)		
<b>ARPAV Budget</b>	€ 176.500,00 (of which ERDF funds € 141.200,00)		
<b>Role of ARPAV</b>	Partner		
<b>Project website</b>	<a href="https://www.interreg-central.eu/projects/climate_crices/">https://www.interreg-central.eu/projects/climate_crices/</a>		

		Description	Partnership
<b>Acronym</b>	<b>DiMark</b>	<p>The main objective of the project is to explore solutions for improving freshwater management through a sustainable, ecosystem-based approach. Through the DiMark Project, tools and models will be developed and validated to monitor the specific impacts of climate change on freshwater ecosystems in the Alpine region; furthermore, the transnational DiMark network will be established to support knowledge exchange and the implementation of new solutions by water managers.</p> <p>The project will test the use of satellite data, linking traditional monitoring with Earth observation data, to provide an additional tool for evaluating freshwater management. The project will contribute to the new Water Framework Directive through transnational scientific innovation, directly benefiting water managers and indirectly benefiting all citizens.</p>	<ul style="list-style-type: none"> <li>• LP: National Institute of Biology (SLO)</li> <li>• PP1: Slovenian Environment Agency (SLO)</li> <li>• PP2: University of Innsbruck (AT)</li> <li>• PP3: Austrian Agency for Health and Food Safety (AT)</li> <li>• PP4: Edmund Mach Foundation (IT)</li> <li>• PP5: ARPAV - Regional Agency for Environmental Protection and Prevention of Veneto (IT)</li> <li>• PP6: National Research Council (IT)</li> <li>• PP7: University of Konstanz (DE)</li> <li>• PP8: French National Research Institute for Agriculture, Food and Environment (FR)</li> <li>• PP9: E-institute, institute for comprehensive development solutions (SLO)</li> <li>• PP10: Swiss Federal Institute of Aquatic Science and Technology (CH)</li> </ul>
<b>Project Title</b>	<i>Transnational Network for Linking Digital Earth Observation to Freshwater Markers for Better Understanding of Water-connected Climate Change Adaptation and Risk Prevention in Alpine Region</i>		
<b>Reference Program</b>	Interreg Alpine Space 21 – 27		
<b>Project duration</b>	01/09/2024 – 31/08/2027		
<b>Total budget</b>	€ 2.342.224,00 (of which ERDF funds € 1.590.933,00)		
<b>ARPAV Budget</b>	€ 192.120,00 (of which ERDF funds € 144.090,00)		
<b>Role of ARPAV</b>	Partner		
<b>Project website</b>	<a href="https://www.alpine-space.eu/project/dimark/">https://www.alpine-space.eu/project/dimark/</a>		

		Description	Partnership
<b>Acronym</b>	<b>BREATHING</b>		
<b>Project Title</b>	<i>Best pRacticEs to Adapt to climaTe cHange: Interregional approach to reduce urbaN emerGent contamination</i>	<p>The goal of BREATHING is to provide adaptation solutions to address the issue of air pollution trends resulting from climate change (CC) in urban areas. As heat islands, cities are more severely affected by the impacts of CC, particularly with regard to air quality; the goal of BREATHING is to provide solutions to city administrations to address these effects and adapt to CC.</p> <ol style="list-style-type: none"> <li>1. Gain in-depth knowledge of the climate and air quality in the project's main target cities: Treviso (Italy) and Innsbruck (Austria)</li> <li>2. Study the effects of agricultural machinery use in rural areas surrounding the target cities, in order to provide guidelines and training on the release of chemicals into the environment.</li> <li>3. Create a toolkit to support city administrations and specific target groups (e.g., farmers) in addressing climate change from various perspectives, to: a) effectively monitor changes in air quality by studying emerging pollutants; b) predict changes in air quality based on specific changes in climate variables; c) take action locally to adapt to climate change while simultaneously reducing, as much as possible, its effects on air quality.</li> </ol>	<ul style="list-style-type: none"> <li>• LP: ARPAV - Agenzia Regionale per la Prevenzione e Protezione Ambientale del Veneto (IT)</li> <li>• PP1: UNIVE – Università Ca' Foscari di Venezia (IT)</li> <li>• PP2: UIBK – Università di Innsbruck (AT)</li> <li>• PP3: UNIBZ - Libera Università di Bolzano (IT)</li> </ul>
<b>Reference Program</b>	Interreg Italia - Austria 21-27		
<b>Project duration</b>	01/02/2025 – 01/03/2027		
<b>Total budget</b>	€820.881,60 (of which ERDF funds € 638.129,28)		
<b>ARPAV Budget</b>	€255.948,00 (of which ERDF funds € 204.758,40)		
<b>Role of ARPAV</b>	Lead Partner		
<b>Project website</b>	<a href="https://interreg.net/it/">https://interreg.net/it/</a>		

## Regional Supplement for Rural Development 2023–2027

		Description	Partnership
<b>Acronym</b>	<b>PRECISION FERT</b>	Fertilization of agricultural crops is primarily managed by uniformly estimating nutrient requirements; recent technological advances that allow for the detection of spatial and temporal variability in key nutrient balance components offer a concrete opportunity to replace uniform applications with variable-rate distribution, yielding both environmental and economic benefits. The PrecisionFert project aims to extend the use of the DSS produced with the GO of the SMARTFIT project to the entire arable land area of the Veneto plain, integrating estimates of phosphorus and potassium inputs into the procedure. Its implementation, however, requires an innovation brokering phase necessary to: a) identify areas with homogeneous soil and climatic characteristics where partner farms willing to test the proposed methodology can be selected; b) initiate discussions with spatial data managers to verify the technical and regulatory feasibility of integrating necessary data layers into the DSS; c) share the proposed methodology with agricultural machinery companies to ensure its implementation in the field; d) initiate discussions with manufacturers of technical tools to verify data interoperability between platforms; e) involve consulting agencies and other entities within the AKIS network to form a pool of technicians capable of facilitating the use of the DSS.	<ul style="list-style-type: none"> <li>• LP: Società Agricola Rossi Società Semplice (TV) –(IT)</li> <li>• Società Agricola Cricoli Società Semplice (VI) – (IT)</li> <li>• Ditta Busato Michele (TV) (IT)</li> <li>• ARPAV – PD (IT)</li> <li>• ATEA GROUP S.r.l. società benefit (TV) - (IT)</li> <li>• Università di Padova Dipartimento DAFNAE (PD) (IT)</li> <li>• E.R.A.PR.A. - Ente Regionale per l'Addestramento e per il Perfezionamento Professionale in Agricoltura (VE) (IT)</li> </ul>
<b>Project Title</b>	<i>Tools for precision fertilization of arable land in Veneto Region</i>		
<b>Reference Program</b>	Complemento Regionale per lo Sviluppo Rurale del Veneto, CSR (2023 – 2027). Intervento SRG01 Sostegno Gruppi Operativi PEI AGRI		
<b>Project duration</b>	mayo 2024 - april 2025		
<b>Total budget</b>	€ 49.809,01		
<b>ARPAV Budget</b>	€ 6.930,94		
<b>Role of ARPAV</b>	Partner		
<b>Project website</b>	<a href="https://precisionfert.it/">https://precisionfert.it/</a>		

## PNRR: National Recovery and Resilience Plan

		Description	Partnership
<b>Acronym</b>	ARPAV CYBERSICURA	<p>Rapid technological evolution constantly brings new cybersecurity risks: the National Cybersecurity Strategy aims to plan, coordinate, and implement measures to make the country safer and more resilient. The project seeks to propose initiatives to strengthen the cyber resilience of metropolitan cities, large municipalities, the National Health Service, and other public bodies, including the network of environmental agencies responsible for environmental protection.</p> <p>The project, in line with the objectives set out in EU target M1C1-19 “Support for the upgrading of security measures T2 – 50 adequate security facilities by December 2025,” focuses on investments to strengthen ARPAV’s cybersecurity through the analysis and improvement of security posture, processes, and organizational model, as well as skills, systems, and enabling technologies, as outlined in the following main interventions:</p>	-
<b>Project Title</b>	Arpav Cybersicura		
<b>Reference Program</b>	PIANO NAZIONALE DI RIPRESA E RESILIENZA. The project falls under Mission 1 – Component 1 – Investment 1.5 “Cybersecurity” of the PNRR, funded by the European Union as part of the “Next Generation EU” initiative, for the implementation of investments aimed at strengthening the cyber resilience of the public administration.		
<b>Project duration</b>	july 2024 – dicembre 2025		
<b>Total budget</b>	€ 1.500.000		
<b>ARPAV Budget</b>	The project is fully funded under Mission 1 – Component 1 – Investment 1.5 “Cybersecurity” of the PNRR, which is funded by the European Union as part of the “Next Generation EU” initiative		
<b>Role of ARPAV</b>	Partner		
<b>Project website</b>	-		

## PNC: National Plan for Complementary Investments

		Description	Partnership
<b>Acronym</b>	<b>PNC – Sorveglianza Chemicals</b>	<p>Promoting the integration process between the Chemical Surveillance Network and the Chemical Control Network through the interaction of the “multi-site” systems of the Poison Control Centers (CAV) and the Laboratories for the Safety of Consumer Products and the Protection of Health in Living and Working Environments.</p> <p>The project aims to establish an integrated system for the surveillance and control of chemicals to foster interaction and collaboration between Poison Control Centers (CAVs) and the Network of Control Laboratories (Laboratory Network) for the sharing of information, experiences, procedures, and methodologies. Through the involvement of national institutions, the project is committed to assessing and managing risks associated with chemicals and their impact on the environment, health, and safety in living and working environments. The project aligns with the actions outlined in the European Union’s Chemicals Strategy for Sustainability, including the EU’s Zero Pollution Ambition and the European Green Deal; the goal by 2030 is to ban hazardous substances in consumer products, strengthen the capacity to produce safe and sustainable substances, and assess chemicals in use. National regulations and prevention tools aim to protect health and the environment through: the elimination or substitution of hazardous substances; public access to information; and the reduction of the illegal international trade in substances.</p>	<ul style="list-style-type: none"> <li>• LP: Regione Puglia (Leader Partner)</li> <li>• PP1: AReSS Puglia</li> <li>• PP2: ISS-CNSC</li> <li>• PP3: CAV Foggia</li> <li>• PP4: CAV Milano</li> <li>• PP5: CAV Firenze</li> <li>• PP6: CAV Napoli</li> <li>• PP7: CAV Bari</li> <li>• PP8: ARPA Emilia Romagna,</li> <li>• PP9: ARPA Veneto</li> <li>• PP10: ARPA Lazio</li> <li>• PP11: LSP Siena</li> <li>• PP12: LSP Enna</li> <li>• PP13: ASST Brianza</li> <li>• PP14: ATS Milano</li> <li>• PP15: ATS Insubria</li> <li>• PP16: Regione EMR</li> </ul>
<b>Project Title</b>	PNC – Sorveglianza Chemicals		
<b>Reference Program</b>	PNC: Piano nazionale per gli investimenti complementari.		
<b>Project duration</b>	marzo 2023 - dicembre 2026		
<b>Total budget</b>	€ 2.100.000,00		
<b>ARPAV Budget</b>	€ 110.000,00		
<b>Role of ARPAV</b>	Partner		
<b>Project website</b>	<a href="#">Salute, ambiente, biodiversità e clima (PNC)</a>		

		<b>Description</b>	<b>Partnership</b>
<b>Acronym</b>	<b>PNC "Aria outdoor e salute: un atlante integrato a supporto delle decisioni e della ricerca"</b>	The National Plan for Complementary Investments (PNC) – The Ministry of Health has been designated as the implementing entity for Measure 1.4, which concerns the promotion and funding of applied research using multidisciplinary approaches in specific health-environment-climate areas, Area A-2) “Prevention and reduction of health risks associated with outdoor air pollution.”	<ul style="list-style-type: none"> <li>• LP: Emilia-Romagna</li> <li>• Veneto, Lombardia, Piemonte, Lazio, Puglia, Campania e Sicilia, con il coinvolgimento, in questi territori, di varie unità operative rappresentative delle competenze sanitarie, ambientali e di ricerca (Università e CNR).</li> </ul>
<b>Project Title</b>	PNC "Aria outdoor e salute: un atlante integrato a supporto delle decisioni e della ricerca"		
<b>Reference Program</b>	PNC: Piano nazionale per gli investimenti complementari.		
<b>Project duration</b>	gennaio 2023 – dicembre 2026		
<b>Total budget</b>	€ 2.100.000,00		
<b>ARPAV Budget</b>	€ 85.000,00		
<b>Role of ARPAV</b>	Partner		
<b>Project website</b>	<a href="#">Salute, ambiente, biodiversità e clima (PNC)</a>		

## EMFAF — European Maritime, Fisheries and Aquaculture Fund

		Description	Partnership
<b>Acronym</b>	<b>BLUE CRAB ACTION PLAN</b>	The objective of the project is to study and monitor the spread and impact of the blue crab ( <i>Callinectes sapidus</i> ) in the lagoon waters of the Veneto region, with particular focus on the lagoons of the northwestern Adriatic, in order to assess the effects on ecosystems, biodiversity, and economic activities (aquaculture and fishing), and to develop coordinated and effective strategies for environmental management and protection.	<ul style="list-style-type: none"> <li>• LP: ARPAV - Agenzia Regionale per la Prevenzione e Protezione Ambientale del Veneto (IT)</li> <li>• Regione Veneto, Direzione Agroambiente, Programmazione e Gestione ittica e faunistico-venatoria (IT)</li> <li>• Università Ca' Foscari di Venezia - Dipartimento di Scienze Ambientali, Informatica e Statistica (DAIS) (IT)</li> <li>• Università di Padova, Dipartimento di Biologia, Dipartimento di Biomedicina Comparata e Alimentazione - BCA, Dipartimento di Ingegneria Civile, Edile e Ambientale (DICEA) e Dipartimento di Geoscienze (IT)</li> <li>• Agenzia Veneta per l'Innovazione nel Settore Primario – Veneto Agricoltura (IT)</li> <li>• Pescatori locali (Cooperative di Caorle, Venezia, Delta nord del Po e Delta sud del Po) (IT)</li> </ul>
<b>Project Title</b>	Environmental and ecophysiological mapping of the blue crab in the inland and coastal waters of the Veneto region, aimed at managing this invasive species and ensuring the socioeconomic sustainability of fishing and aquaculture in the Veneto region		
<b>Reference Program</b>	Programma Nazionale Fondo Europeo per gli Affari Marittimi, la pesca e l'acquacoltura 2021-2027 (FEAMPA)		
<b>Project duration</b>	28/11/2024- 27/05/2027		
<b>Total budget</b>	1.541.000,00 €		
<b>ARPAV Budget</b>	198.500,00 €		
<b>Role of ARPAV</b>	Lead Partner		
<b>Project website</b>	-		

**2014–2020 Programming Period  
European Funding**

		<b>Description</b>	<b>Partnership</b>
<b>Acronym</b>	<b>ADRIACLIM</b>	AdriaClim is dedicated to supporting the development of science-based regional and local climate change adaptation plans. AdriaClim will address climate change threats by developing regional and local adaptation plans based on up-to-date meteorological and oceanographic information acquired through newly implemented observing and modeling systems for the Adriatic Sea.	<ul style="list-style-type: none"> <li>• LP:Regional Agency For Prevention, Environment And Energy In Emilia Romagna (Lead Partner) (It)</li> <li>• National Research Council (Cnr) (It)</li> <li>• Cmcc - Euro-Mediterranean Center On Climate Change Foundation (It)</li> <li>• Apulia Region (It)</li> <li>• Alma Mater Studiorum</li> <li>• University Of Bologna (It)</li> <li>• Environmental Protection Agency Of Friuli Venezia Giulia (It)</li> <li>• Ispra-Italian National Institute For Environmental Protection And Research (It) Marche Region – Productive Activities, Education And Labour (It)</li> <li>• Local Health Authority Nr 3 (It) Molise Region (It)</li> <li>• Emilia-Romagna Region (It) City Of Venice (It)</li> <li>• Zadar County Development Agency Zadra Nova (Hr)</li> <li>• Dubrovnik Neretva County (Hr) Ruder Boskovic Institute (Hr) Rera Split - Dalmatia County (Hr)</li> <li>• Izor Institute Of Oceanography And Fisheries (Hr)</li> <li>• Region Of Istria – Administrative Department For Sustainable Development (Hr)</li> </ul>
<b>Project Title</b>	Climate Change information, monitoring and management tools for adaptation strategies in Adriatic coastal areas		
<b>Reference Program</b>	Interreg Italy - Croatia 2014-2020		
<b>Project duration</b>	2020-2022		
<b>Total budget</b>	8.823.415,00 €		
<b>ARPAV Budget</b>	602.410,00 €		
<b>Role of ARPAV</b>	Leader		
<b>Project website</b>			

		Description	Partnership
<b>Acronym</b>	<b>WECAREMED</b>	<p>WECAREMED will develop an integrated tool for MED projects that combines: 1. the estimation of GHG emissions generated by ETC project activities (the Carbon Footprint) 2. guidelines to reduce carbon emissions 'at source' 3. the identification of offset measures to compensate carbon emissions 4. the evaluation of costs of mitigation measures (costs plan). WECAREMED tool is not only committed to the Climate Action Goal but, with its specific subsection for guiding in finding solutions within a short scale, it also enhances social and environmental benefits for the local communities of the MED territory.</p>	<ul style="list-style-type: none"> <li>▪ LP: ARPAV (IT)</li> <li>▪ PP1: Università di Siviglia – Dipartimento di Ingegneria Energetica (USE) (ES)</li> <li>▪ PP2: Università degli Studi di Padova – Centro di Ricerca Interuniversitario di Economia Pubblica (CRIEP) (IT)</li> <li>▪ PP3: Università Aristotele di Salonicco – Laboratorio di Fisica (AUTH) (GR)</li> </ul>
<b>Project Title</b>	ToWards thE CARbon offSetting in MED		
<b>Reference Program</b>	Interreg MED 2014-2020		
<b>Project duration</b>	2021-2022		
<b>Total budget</b>	476.000,00 €		
<b>ARPAV Budget</b>	88.700,00 €		
<b>Role of ARPAV</b>	Lead Partner		
<b>Project website</b>	<a href="https://wecaremed.interreg-med.eu/me/">https://wecaremed.interreg-med.eu/me/</a>		

		Description	Partnership
<b>Acronym</b>	<b>MARLESS</b>	<p>The general objective of the project is to implement concrete and joint interventions that allow to address the phenomenon of marine Litter from different points of view and methods of intervention. The project therefore puts into effect concrete actions of monitoring, management, prevention and removal of the marine litter without neglecting the normative aspect within which these actions are framed. Finally, it proposes innovative and experimental actions aimed at treating plastic waste in a circular economy perspective.</p>	<ul style="list-style-type: none"> <li>• LP. ARPAV</li> <li>• PP1: Ministry of Environment and Energy (HR)</li> <li>• DUNEA – Regional Development Agency Bubrovačko-Neretvanske Županije (HR)</li> <li>• Cetacea Foundation (IT)</li> <li>• University of Dubrovnik (HR)</li> <li>• University of Bologna (IT)</li> <li>• Institut Ruder Boskovic (HR)</li> <li>• IRENA – Istrian Regional Energy Agency</li> <li>• L.T.D. (HR)</li> <li>• Friuli-Venezia Giulia Region (IT)</li> <li>• Veneto Region (IT)</li> <li>• Region of Istria (HR)</li> <li>• Emilia Romagna Region (IT)</li> <li>• Puglia Region (IT)</li> </ul>
<b>Project Title</b>	MARine Litter cross- border awarenESS and innovation actions		
<b>Reference Program</b>	Interreg Italy - Croatia 2014-2020		
<b>Project duration</b>	2020-2023		
<b>Total budget</b>	€ 4.244.726,00		
<b>ARPAV Budget</b>	€ 646.240,00		
<b>Role of ARPAV</b>	Leader		
<b>Project website</b>	<a href="https://www.italy-croatia.eu/web/marless">https://www.italy-croatia.eu/web/marless</a>		

		Description	Partnership
<b>Acronym</b>	<b>TRANSALP</b>	<p>To develop an integrated methodology for assessing the risks posed by severe thunderstorms and storms in the Alpine environment. Following events that combine heavy rainfall with high-intensity winds, numerous hydrogeological hazards can occur even months or years later. Wind-induced vegetation damage, in fact, can increase the likelihood of instability, triggering landslides and avalanches. All existing approaches for the multi-risk assessment of such phenomena will be studied, with the primary objective of developing modern decision-making processes for the prevention of natural disaster risks in the mountainous areas of the European Union and promoting common civil protection intervention standards among member states. Finally, a wind intensity forecast scale will be established for civil protection alert purposes.</p>	<ul style="list-style-type: none"> <li>• LP: LeaderEURAC – Accademia Europea di BolzanoItalia</li> <li>• PP1: ARPAV Agenzia Regionale per la Prevenzione e protezione Ambientale del Veneto</li> <li>• PP2: EPC – European Project Consulting</li> <li>• PP3: BFW – Centro Federale Austriaco per la Ricerca Forestale</li> <li>• PP4: ZAMG – Servizio Meteorologico e Geofisico nazionale dell’Austria</li> </ul>
<b>Project Title</b>	Transboundary Storm Risk and Impact Assessment in Alpine Regions		
<b>Reference Program</b>	(UCPM – 2020 – PP – AG)		
<b>Project duration</b>	1 gennaio 2021 – 31dicembre 2022		
<b>Total budget</b>	€ 590.347,89 (of which 501.795,71 € from EU funds)		
<b>ARPAV Budget</b>	€ 101.429,58 (of which 86.215,14 € from EU funds)		
<b>Role of ARPAV</b>	Partner		
<b>Project website</b>	<a href="https://project-transalp.eu/">https://project-transalp.eu/</a>		

		Description	Partnership
<b>Acronym</b>	<b>INADEF</b>	<p>Develop an early warning system capable of detecting debris flow events earlier by linking short-term precipitation forecasts (1–3 hours) with hydrological and triggering models. The precipitation forecast is converted into surface runoff by a hydrological model, and the triggering model estimates the corresponding volume of mobilizable debris: if this exceeds a threshold value, an alarm is triggered. The new system will be tested in all regions with sites frequently prone to debris flows, equipped with monitoring stations.</p>	<ul style="list-style-type: none"> <li>• LP: UNIUD – Università degli Studi di Udine – Dipartimento di Scienze AgroAlimentari, Ambientali e Animali (IT)</li> <li>• PP1: ARPAV Agenzia Regionale per la Prevenzione e protezione Ambientale del Veneto (IT)</li> <li>• PP2: UNIPD – Università degli Studi di Padova – Dipartimento TESAF (IT)</li> <li>• PP3: BFW – Centro Federale Austriaco per la Ricerca Forestale (AT)</li> <li>• PP4: ZAMG – Servizio Meteorologico e Geofisico nazionale dell’Austria (AT)</li> </ul>
<b>Project Title</b>	INnovative eArly warning system for DEbris Flow events based on nowcasting and phenomenology		
<b>Reference Program</b>	INTERREG V-A Italia-Austria 2014-2020		
<b>Project duration</b>	2 september 2019 – 31 march 2022		
<b>Total budget</b>	€ 869.122,70 euro (of which 716.384,29 from ERDF funds)		
<b>ARPAV Budget</b>	€ 210.500,00 euro (of which 178.925,00€ from FESR-ERDF funds)		
<b>Role of ARPAV</b>	Partner		
<b>Project website</b>	<a href="http://www.inadef.com">www.inadef.com</a>		

		Description	Partnership
<b>Acronym</b>	<b>RE think WASTE</b>	<p>The project aims to provide public administrations with tools and procedures to improve waste sorting and recycling through the combined use of a pay-as-you-throw (PAYT) fee structure and effective public education (KAYT approach). The two approaches are explained in this short project video: <a href="https://youtu.be/bwbIkBiHksw">https://youtu.be/bwbIkBiHksw</a></p>	<ul style="list-style-type: none"> <li>• LP: ETRA SpA (IT)</li> <li>• PP1: 2.-0 LCA Consultants apS</li> <li>• PP2: ACR + - Association of Cities and Regions for Sustainable Resource Management</li> <li>• PP3: Agència de Residus de Catalunya</li> <li>• PP4: Agenzia Regionale per la Prevenzione e Protezione dell’Ambiente del Veneto</li> <li>• PP5: ARS Ambiente srl</li> <li>• PP6: Assemblea Territoriale d’Ambito ATO 2 Ancona</li> <li>• PP7: Comune di Bitetto</li> <li>• PP8: IFEL – Istituto per la Finanza e l’Economia Locale</li> <li>• PP9: Ajuntament Saint Just Desvern</li> <li>• PP10: Comune di Varese</li> </ul>
<b>Project Title</b>	Rethinking municipal tariff systems to improve urban waste governance		
<b>Reference Program</b>	Programma UE LIFE (LIFE18 GIE//IT/000156)		
<b>Project duration</b>	01/07/19 – 31/01/23		
<b>Total budget</b>	2.764.715,00 €		
<b>ARPAV Budget</b>	135.266,00 €		
<b>Role of ARPAV</b>	Partner		
<b>Project website</b>	<a href="https://rethinkwaste.eu/">https://rethinkwaste.eu/</a>		

		Description	Partnership
<b>Acronym</b>	<b>RESPONSe</b>	<p>The RESPONSe project aims to promote new strategies for the Adriatic coast that can enhance the region's ability to adapt to the consequences of climate change, by raising awareness among local decision-makers and providing them with the tools to address the challenges posed by this issue. Based on reliable climate science, the initiative aims to develop specific tools for local governments to facilitate the adoption of adaptation strategies and mitigation policies that address the challenge of climate change at the local level.</p>	<ul style="list-style-type: none"> <li>• LP: INFORMEST (Agenzia per lo Sviluppo e la Cooperazione Economica Internazionale) (Leader Partner) ((IT)</li> <li>• APE Agenzia per l'Energia del Friuli Venezia Giulia (IT)</li> <li>• Università Politecnica delle Marche (IT)</li> <li>• Regione Puglia Dipartimento mobilità, qualità urbana, lavori pubblici, ecologia e paesaggio (IT)</li> <li>• EIHP Energy Institute Hrvoje Požar (HR)</li> <li>• DHMZ Meteorological and Hydrological Service (HR)</li> <li>• IZOR Institute of Oceanography and Fisheries (HR)</li> </ul>
<b>Project Title</b>	Climate Adaptation strategies for Adriatic regions		
<b>Reference Program</b>	INTERREG Italy-Croatia 14-20		
<b>Project duration</b>	1 January 2019 - 30 April 2022		
<b>Total budget</b>	2.144.048,00 €		
<b>ARPAV Budget</b>	253.600,00 €		
<b>Role of ARPAV</b>	Partner		
<b>Project website</b>	<a href="https://www.italy-croatia.eu/web/response">https://www.italy-croatia.eu/web/response</a>		

		<b>Description</b>	<b>Partnership</b>
<b>Acronym</b>	<b>ECO – ALPS WATER</b>	<p>The main objective of Eco-AlpsWater is to integrate traditional water monitoring approaches used in the Alpine region and at the European level (the Water Framework Directive—WFD and, in Switzerland, the Water Protection Ordinance—WPO) with advanced and innovative technologies, providing robust and reliable knowledge to support water resource management plans. The new approach will use Next Generation Sequencing (NGS) techniques to analyze environmental DNA (eDNA) extracted from water samples collected in lakes and rivers. These new techniques, based on the amplification and analysis of millions of DNA sequences and the use of smart technologies (automation in data processing and storage and information retrieval), enable rapid and low-cost identification of aquatic organisms, from bacteria to fish, for the assessment of water body quality. The implementation of next-generation monitoring will enable one of the most extensive surveys of lake and river biodiversity in the Alpine region, based on the analysis of hundreds of samples collected from over 50 water bodies. The data will, in particular, allow for the identification of areas most at risk due to the presence of toxic cyanobacteria, pathogenic bacteria, and invasive or potentially invasive organisms.</p>	<ul style="list-style-type: none"> <li>• LP: Fondazione Mach -FEM (Lead Partner) ((IT)</li> <li>• Istituto Superiore per la Protezione e la Ricerca Ambientale – ISPRA (IT)</li> <li>• Leopold-Franzens Universität Innsbruck - LFUI (AT)</li> <li>• National Institute of Biology – NIB (SI)</li> <li>• Slovenian Environment Agency – ARSO (SI)</li> <li>• National Institute for Agricultural Research - INRA (FR)</li> <li>• Bavarian State Research Center for Agriculture - LfL (DE)</li> <li>• Austrian Agency for Health and Food Safety – AGES (AT)</li> <li>• Bavarian Environment Agency - LFU (DE)</li> <li>• The French Biodiversity Agency - AFB (FR)</li> <li>• University of Applied Sciences and Arts of Southern Switzerland - SUPSI (CH)</li> </ul>
<b>Project Title</b>	ECO – ALPS WATER : innovative ecological assessment and water management strategy for the protection of ecosystem services in alpine lakes and rivers		
<b>Reference Program</b>	INTERREG Alpine Space		
<b>Project duration</b>	17 april 2018 – 16 april 2021		
<b>Total budget</b>	1.804.494,95 €		
<b>ARPAV Budget</b>	121.701,60 €		
<b>Role of ARPAV</b>	Partner		
<b>Project website</b>	<a href="http://www.alpine-space.org/projects/eco-alpswater/en/home">http://www.alpine-space.org/projects/eco-alpswater/en/home</a>		

		Description	Partnership
<b>Acronym</b>	<b>PREPAIR</b>	<p>The project aims to create a co-ordination among Po Regions in order to realize measures for improvement air quality in the Po Valley. Po Valley (northern Italy) represents an important non attaining zone for PM, NO<sub>2</sub> and O<sub>3</sub>.</p> <p>PREPAIR will implement the measures foreseen in the regional plans and in the Po Valley agreement at a larger scale so to strengthen the sustainability and durability of results. The project will also integrate a wide set of technical tools (emissions inventories, air quality models, enhanced monitoring stations, etc.) now working independently in the several regions. This goal will be realized establishing a permanent networking structure between the environmental agencies of the Po Valley and Slovenia.</p>	<ul style="list-style-type: none"> <li>• LP: Regione Emilia-Romagna (Leader Partner)</li> <li>• ARPA Veneto</li> <li>• Regione del Veneto</li> <li>• Regione Lombardia</li> <li>• Regione Piemonte</li> <li>• Regione Friuli-Venezia Giulia</li> <li>• Provincia Autonoma di Trento</li> <li>• ARPA Emilia Romagna</li> <li>• ARPA Piemonte</li> <li>• ARPA Lombardia</li> <li>• ARPA Valle d'Aosta</li> <li>• ARPA Friuli Venezia Giulia</li> <li>• Agenzia per l'Ambiente della Slovenia</li> <li>• Comune di Bologna</li> <li>• Comune di Milano</li> <li>• Comune di Torino</li> <li>• Emilia-Romagna</li> <li>• Valorizzazione Economica Territorio SpA (ERVET)</li> <li>• Fondazione Lombardia per l'Ambiente (FLA)</li> </ul>
<b>Project Title</b>	Po Regions Engaged to Policies of AIR		
<b>Reference Program</b>	LIFE PLUS 2014-2020 – integrated project		
<b>Project duration</b>	01/02/2017 – 01/08/2023		
<b>Total budget</b>	16.805.000,00 €		
<b>ARPAV Budget</b>	663.072,00 €		
<b>Role of ARPAV</b>	Partner		
<b>Project website</b>	<a href="http://www.lifeprepare.eu/">http://www.lifeprepare.eu/</a>		

		Description	Partnership
<b>Acronym</b>	<b>PHOENIX LIFE16 ENV/IT/000488</b>	The aim is to demonstrate how a new interinstitutional governance system, supported through innovative forecast tools and mitigation actions, can manage risks related to the diffusion of persistent mobile organic contaminants – with a particular focus on PFAS – more effectively and efficiently.	<ul style="list-style-type: none"> <li>• LP: Regione del Veneto - Area Sanità e Sociale (IT)</li> <li>• Azienda Zero</li> <li>• ARPAV</li> <li>• Consiglio Nazionale delle Ricerche – Istituto di Ricerca sulle acque, CNR-IRSA (IT)</li> <li>• Università degli Studi di Padova, Dipartimenti di Biologia e di Ingegneria Industriale (IT )</li> </ul>
<b>Project Title</b>	Tutela acque, governance e gestione del rischio, inquinamento chimico, PFAS		
<b>Reference Program</b>	Programma UE LIFE (LIFE16 ENV/IT/000488) Settore: Environment and Resource Efficiency Program		
<b>Project duration</b>	01 september 2017 – 31 march 2021		
<b>Total budget</b>	2.176.493,00 €		
<b>ARPAV Budget</b>	477.077,00 €		
<b>Role of ARPAV</b>	Partner		
<b>Project website</b>	<a href="https://www.lifephoenix.eu/">https://www.lifephoenix.eu/</a>		

		<b>Description</b>	<b>Partnership</b>
<b>Acronym</b>	<b>CIRCE2020</b>	<p>The aim of the project is to bring about a change in the production and economic systems of the project areas, promoting the transition from a linear economy to a circular economy model. To achieve this goal, pilot initiatives in the circular economy—accompanied by a comprehensive dissemination campaign, nudging actions, and stakeholder engagement—have involved five areas in Central Europe</p>	<ul style="list-style-type: none"> <li>• LP: ARPAV</li> <li>• Etra S.P.A. (It);</li> <li>• Am Trans Progres Sp Z.O.O. (Pl);</li> <li>• Ifka (Hu);</li> <li>• Bay Zoltan Alkamazott Kutatasi Kozhasznu Nonprofit Kft (Hu);</li> <li>• Abfallwirtschaft Tirol Mitte Gmbh (At);</li> <li>• Javna Ustanova Rera Sd Za Koordinaciju I Razvoj Splitsko-Dalmatinskežupanije (Hr);</li> <li>• Cistoka Cetinske Krajine D.O.O. (Hr)</li> </ul>
<b>Project Title</b>	Expansion of the CIRcular Economy concept in the CEntral Europe local productive districts		
<b>Reference Program</b>	Interreg Central Europe 2014-2020		
<b>Project duration</b>	july 2017- september 2020		
<b>Total budget</b>	2.343.710,00 €		
<b>ARPAV Budget</b>	419.292,00 €		
<b>Role of ARPAV</b>	Leader Partner		
<b>Project website</b>	<a href="http://www.interreg-central.eu/Content.Node/CIRCE2020.html">http://www.interreg-central.eu/Content.Node/CIRCE2020.html</a>		

		<b>Description</b>	<b>Partnership</b>
<b>Acronym</b>	<b>REMEDIO</b>	<p>REMEDIO aim at the challenge of the high density areas surrounding the city centers with commercial and directional roads often suffering from traffic jam.</p> <p>For such congested roads, REMEDIO proposes to transform them into “horizontal condominiums”, forms of participatory governance that actively engage institutions, stakeholders and citizens and with which the Municipality can directly interact to improve multi-modal and low carbon mobility, freight logistic and environmental quality.</p>	<ul style="list-style-type: none"> <li>• LP: ARPAV</li> <li>• Comune di Treviso</li> <li>• Municipalità di Spalato</li> <li>• Municipalità di Loures (PT)</li> <li>• Istituto Superior Tecnico di Lisbona (PT)</li> <li>• Università Aristotele di Salonicco (GR)</li> <li>• Agenzia dello Sviluppo Metropolitanò di Salonicco (GR)</li> <li>• Università di Siviglia (ES)</li> </ul>
<b>Project Title</b>	REgenerating mixed-use MED urban communities congested by traffic through Innovative low carbonmobility sOolutions		
<b>Reference Program</b>	Project Interreg of the Program MED 2014-2020		
<b>Project duration</b>	november 2016 – april 2019		
<b>Total budget</b>	2.215.512,50 €		
<b>ARPAV Budget</b>	343.950,00 €		
<b>Role of ARPAV</b>	Leader Parner		
<b>Project website</b>	<a href="https://remedio.interreg-med.eu/">https://remedio.interreg-med.eu/</a>		

		Description	Partnership
<b>Acronym</b>	<b>SPARE</b>	<p>SPARE's overall objective is to capitalize and improve strategic river management approaches across different spatial and governance levels of the alps and increase awareness of functions, services and vulnerability of alpine river ecosystems for successful protection activities</p>	<ul style="list-style-type: none"> <li>• LP: BOKU – Universität für Bodenkultur Wien, Institut für Hydrobiologie und Gewässermanagement (AT)</li> <li>• Land Oberösterreich (AT)</li> <li>• IRSTEA – Institut national de recherche en sciences et technologies pour l'environnement et l'agriculture (FR)</li> <li>• Syndicat Mixte de la Rivière Drôme et de ses affluents (FR)</li> <li>• Agenzia Regionale per la Prevenzione e Protezione Ambientale del Veneto (IT)</li> <li>• Agenzia Regionale per la Protezione dell'Ambiente della Valle d'Aosta (IT)</li> <li>• CIPRA – Commission Internationale pour la Protection des Alpes (FL)</li> <li>• IzVRS – Inštitut za vode Republike Slovenije (SI)</li> <li>• Fundaziun Pro Terra Engiadina (CH)</li> </ul>
<b>Project Title</b>	Strategic Planning for Alpine River Ecosystems – Integrating protection and development		
<b>Reference Program</b>	INTERREG VB Spazio Alpino 2014 - 2020		
<b>Project duration</b>	16 december 2015 – 15 december 2018		
<b>Total budget</b>	2.184.820,47 €		
<b>ARPAV Budget</b>	175.000,00 €		
<b>Role of ARPAV</b>	Partner		
<b>Project website</b>	<a href="http://www.alpine-space.eu/SPARE">www.alpine-space.eu/SPARE</a>		

## Rural Development Program for Veneto 2014–2020

		Description	Partnership
<b>Acronym</b>	<b>SMART FIT</b>	<p>The main objective of the project is to preserve the soil structure in situations particularly prone to compaction by means of innovative organic and mineral fertilisation techniques that make it possible to enhance the digestate produced, reduce mineral fertilisers, maintain high production yields and reduce the costs of cultivation operations.</p> <p>The proposed techniques are based on the identification of the optimal moment of entry into the field according to the characteristics of the soil, the optimization of the transit lines of the vehicles and the differentiated application of mineral and organic fertilizers according to the variability of the soils.</p>	<ul style="list-style-type: none"> <li>• LP: Partner SOCIETA' AGRICOLA GAIARINE di Tomabacco Otello e Figli (Gaiarine - TV) (IT)</li> <li>• SOCIETA' AGRICOLA CASE LEVI (Monastier - TV) (IT)</li> <li>• Università degli Studi di Padova - TESAF Dipartimento Territorio e Sistemi Agro- Forestali (Legnaro -PD) (IT)</li> <li>• Confagricoltura Treviso (Paese - TV) (IT)</li> <li>• E.R.A.PR.A VENETO – Ente Regionale per l’addestramento e il perfezionamento professionale in Agricoltura (Mestre -VE) (IT)</li> </ul>
<b>Project Title</b>	Fertilizzazione, Innovazione e Tecnologia Smart		
<b>Reference Program</b>	Programma di Sviluppo Rurale per il Veneto 2014-2020 Misura 16: Cooperazione		
<b>Project duration</b>	01/04/2019 – 31/12/2022		
<b>Total budget</b>	Overall: 299.778,08 €		
<b>ARPAV Budget</b>	Arpav: 32.300,30 €		
<b>Role of ARPAV</b>	Partner		
<b>Project website</b>	<a href="https://smartfitproject.it/">https://smartfitproject.it/</a>		

		<b>Description</b>	<b>Partnership</b>
<b>Acronym</b>	<b>DIG CONTROL</b>	To promote innovation in new products, production techniques, and organizational and management models, the Rural Development Program (RDP) assigns a key role to the Cooperation Measure. The overall objective of the DIG-CONTROL Operational Group's demonstration project is to test, during the organic fertilization phases, a rational, easy-to-apply, and economically sustainable fertilizer management model that reduces the amount of nutrients applied and potential releases into the environment while simultaneously improving carbon sequestration and soil fertility on farms in the Veneto region.	<ul style="list-style-type: none"> <li>• LP: SOCIETA' AGRICOLA SANTILARIO SRL (Mira - Venezia) (IT)</li> <li>• PP1: SOCIETA' AGRICOLA AGRIVAL SRL (Mirano - VE) (IT)</li> <li>• PP2: SOCIETA' AGRICOLA VALBISSARA SRL Mirano (VE) (IT)</li> <li>• PP3: Università degli Studi di Padova - DAFNAE Dipartimento di Agronomia Animali Alimenti Risorse Naturali e Ambiente (Padova) (IT)</li> <li>• ITPHOTONICS SRL (Breganze - Vicenza) (IT)</li> <li>• Agenzia Regionale per la Prevenzione e Protezione dell'Ambiente del Veneto (IT)</li> <li>• Confagricoltura Veneto (Mestre-Venezia) (IT)</li> <li>• BASF Italia S.p.A – Divisione Agro – (Cesano Maderno - MB) (IT)</li> </ul>
<b>Project Title</b>	Sperimentazione di tecniche di distribuzione controllata dei digestati e di inibitori della nitrificazione		
<b>Reference Program</b>	Programma di Sviluppo Rurale per il Veneto 2014-2020 Misura 16: Cooperazione		
<b>Project duration</b>	15/01/2018 – 15/06/2022		
<b>Total budget</b>	492.236,75 €		
<b>ARPAV Budget</b>	121.665,35€		
<b>Role of ARPAV</b>	Partner		
<b>Project website</b>	<a href="http://www.digcontrol.it">www.digcontrol.it</a>		

## Programming for 2007–2013 and earlier

<i>Project Title (referring program)</i>	<i>Description</i>	<i>Project Life</i>		<i>Budget (Amount)</i>	<i>Role Held</i>	<i>Other Partners</i>
		<i>start</i>	<i>End</i>			
<b>CAIMANs</b>  <b>Cruise and passenger ship Air quality Impact Mitigation Actions</b>	<p>The project focuses on the air quality impact and greenhouse gases assessment for cruise and passenger ships. Starting from an insight on the air quality of five important port cities in the North Mediterranean Sea (Barcelona, Marseille, Genoa, Venice and Thessaloniki) and going on involving in a participative consultation some South Mediterranean port cities, the project aims at setting the basis to identify critical points and propose orientations for future projects and policies addressing cruise and passenger ship traffic air pollution mitigation.</p>	2014	2015	Overall € 711.000,00  Arpav € 197.000,00	Leader	University of Genoa – Department of Physics (IT); Aristotle University of Thessaloniki (GR) Air PACA (FR); Spanish Research Council – Institute of Environmental Assessment and Water Research (ES)

<i>Project Title (referring program)</i>	<i>Description</i>	<i>Project Life</i>		<i>Budget (Amount)</i>	<i>Role Held</i>	<i>Other Partners</i>
		<i>start</i>	<i>End</i>			
<b>SEDALP</b>  <b>Sediment management in Alpine basins: integrating sediment continuum, risk mitigation and hydro-power</b>  <b>(ALPINE SPACE Programme)</b>	<p>The project aims at the development and testing of strategic policies and tools for integrated management of sediment in Alpine catchments with the aim of effective risk reduction, conservation of aquatic ecosystems and reducing the impact created from hydropower.</p>	2012	2015	Overall € 2.591.350,00  Arpav € 115.500,00	Partner	Federal Ministry of Agriculture, Forestry, Environment and Water Management (AT) Provincia Autonoma di Bolzano – Rip. Opere Idrauliche (IT) Università di Padova – Dipartimento Te.S.A.F. (IT) CNR-IRPI di Padova (IT) Regione Piemonte – Direzione Opere pubbliche, difesa del suolo, economia montana e foreste (IT) Bavarian Environment Agency (DE) IRSTEA – Grenoble regional center, Snow avalanche engineering and torrent control research unit (FR) CNRS - National Center of Scientific Research (FR) University of Ljubljana (SI) Office of the Tyrolean Regional Government (AT) University of Natural Resources and Life Sciences Vienna (AT) Institute for Water of the Republic of Slovenia (SI) Regional Government of Carinthia AT)

<i>Project Title (referring program)</i>	<i>Description</i>	<i>Project Life</i>		<i>Budget (Amount)</i>	<i>Role Held</i>	<i>Other Partners</i>
		<i>start</i>	<i>End</i>			
<b>GUARDEN (Guardians of Environment)</b>  <b>Framework: An Integrated Approach of Strategies for Prevention of Soil Pollution and Rehabilitation of Harmed Territories</b>  <b>(SEE – South East Europe Programme)</b>	The project focuses on developing and testing a coherent framework aimed to support rational design and implementation of local strategies for environmental risks, prevention and management, specified for territories threatened by soil or water pollution.	2012	2014	Overall € 2.125.000,00  Arpav € 100.000,00	Partner	Region of Peloponnese Regpel (EL) Thessalonica Agricultural And Industrial Institute (EL) EC Business And Innovation Centre Of Attika (EL) Federation Of Industries Of Northern Greece (EL) Agricultural University – Plovdiv (BG) Bulgarian Chamber Of Commerce And Industry (BG) Szent István University, Faculty Of Agriculture And Environmental Sciences (HU) Chamber Of Commerce of Potenza (IT) Veneto Agricoltura (IT) Irecoop Veneto (IT) National Institute Of Research And Development For Food Bioresources – Iba Bucharest (RO) Chamber Of Agriculture And Forestry Of Slovenia (SI) Zadar County Development Agency (HR) University Of Belgrade - Faculty Of Agriculture (SR)

<i>Project Title (referring program)</i>	<i>Description</i>	<i>Project Life</i>		<i>Budget (Amount)</i>	<i>Role Held</i>	<i>Other Partners</i>
		<i>start</i>	<i>End</i>			
<b>3PCLIM</b> <b>Past, Present and Perspective Climate of Tirol, Südtirol-Alto Adige and Veneto</b> <b>(INTERREG IV ITALIA – AUSTRIA Programme)</b>	<p>The project focuses on a complete and uniform climatological study to satisfy the current demands of the large area of North Tyrol-South Tyrol / Tyrol and Veneto. The new climatology will be available to agencies of the schools of public institutions as a source of information for further use. For the first time are measured remote sensing data such as radar data. Part of the project is a comprehensive overview of the climatology of the glaciers that is essential in environmental education in schools in the energy industry and tourism.</p>	2011	2014	Overall € 1.286.355,00  Arpav € 187.925,00	Partner	ZAMG – Zentralanstalt für Meteorologie und Geodynamik Autonome Provinz Bozen, Abt. Brand- und Zivilschutz
<b>KOSOVO TWINNING</b> <b>"Institutional support to the Ministry of Environment and Spatial Planning (MESP) of Kosovo" Twinning Project KS 10 IB EN 01</b> <b>(IPA Programme)</b>	<p>Improving the state of the environment including water, waste and management of urban settlements in accordance with the EU environmental rules and with EU best practice to provide better health and living conditions for the citizens of Kosovo</p>	2011	2013	Overall € 1.800.000,00  Arpav € 87.797,50	Leader	INFORMEST, French Ministry of Ecology and Sustainable Development, Transport and Infrastructure (MEDDTL), International Office for Water/ Office International de l'Eau (IOW/OIEAU) Geological and Mining Research Bureau BRGM), Technical Workshop for Natural Spaces (ATEN) SMAT Spa di Torino Istituto Superiore di Sanità (ISS)

<i>Project Title (referring program)</i>	<i>Description</i>	<i>Project Life</i>		<i>Budget (Amount)</i>	<i>Role Held</i>	<i>Other Partners</i>
		<i>start</i>	<i>End</i>			
<b>MONTENEGRO TWINNING</b>  <b>“Support to Environmental Management” Twinning Project</b> <b>MN/08/IB/EN/01</b> <b>(IPA Programme)</b>	This project aims to assist the MPA in the development and harmonization of legislation to strengthen the capacity of the Environmental Protection Agency and to support Project Implementation Unit (PIU PROCON) in the management of environmental infrastructure investment projects	2011	2013	Overall € 975.102,00  Arpav € 61.650,00	Partner	Direzione Generale per lo Sviluppo Sostenibile, il Clima e l’Energia del Ministero dell’Ambiente e della Tutela del Territorio (“MATTM”), (ISPRA) Studiare Sviluppo Srl
<b>RE.S.M.I.A.</b>  <b>Innovative Networks and Monitoring Stations for the Environment</b>  <b>(POR ERDF – Objective “Regional Competitiveness and Employment”)</b>	Pilot project of industrial research aimed to enhance and integrate environmental networks and monitoring stations available to ARPAV. Specific objectives : protection of the environment; risk prevention; minimization of environmental impact of monitoring stations.	2010	2013	Overall € 1.100.000,00  Arpav € 550.000,00	Partner	CIVEN - Coordinamento Interuniversitario Veneto per le Nanotecnologie (Italia)
<b>MACEDONIA TWINNING</b>  <b>Strengthening The Central and Local Level Capacities for Environmental Management in the area of Air Quality</b> <b>Twinning Programme</b> <b>MK/2008/IB/ENV/01</b>	The overall objective of twinning is to improve skills at the central level(Ministry of Environment) and local (municipal and provincial) for the management of air quality in Macedonia	2010	2012	Overall € 999.230,90  Arpav € 19.260,00	Partner	Finnish Meteorological Institute) Partner Austria Umweltbundesamt GmbH). Italy (Ministry for the Environment, Land and Sea) Arpa Lombardia (Italy)

Project Title (referring program)	Description	Project Life		Budget (Amount)	Role Held	Other Partners
		start	End			
<b>CROATIA TWINNING</b> <b>“Chemical safety. Strengthening legal framework of istitutional infrastructure for protection from dangerous chemicals”</b> <b>Twinning Project</b> <b>HR2007/IB/EN/</b>	This project aims to support the Ministry of Health and the Ministry of Environment of Croatia to strengthen the environmental legislation, in particular in the following fields REACH e SEVESO II.	2010	2012	Overall €799.989,90  Arpav € 21.000,00	Partner	Minoprio Fondation Regione Lombardia Istituto Superiore di Sanità “Chemical safety. Strengthening legal framework of istitutional infrastructure for protection from dangerous chemical KemI
<b>APICE</b> <b>Common Mediterranean strategy and local practical actions for the mitigation of port, industries and cities emissions</b> <b>(MED Programme)</b>	The project 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 € 2.281.420,00  Arpav € 527.880,00	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)

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		<i>start</i>	<i>End</i>			
<b>SHARE</b> <b>Sustainable Hydropower in Alpine Rivers Ecosystems (ALPINE SPACE Programme)</b>	The purpose of SHARE is to develop, test and promote a decision support system to merge, on an unprejudiced base, both river ecosystems and hydropower requirements. The project openly pursues integrated river management aims.	2009	2012	Overall € 2.700.000,00  Arpav € 222.000,00	Partner	ARPA Valle d'Aosta (Leader – IT), Regione Piemonte (IT), RSE S.p.A. (IT), E-zavod (SI), Univerza v Ljubljani (SI), Technische Universität Graz (AT), Universität Innsbruck (AT), Das Land Steiermark (AT), Université Joseph Fourier Grenoble (FR), GERES (FR), Universität Stuttgart (DE), AEM - Association Européenne des Elus de Montagne (FR)
<b>SEE HYDROPOWER</b> <b>Targeted to improve water resource management for a growing renewable energy production (SEE – South East Europe Programme)</b>	The project aims to a better utilisation of water concerning hydropower production in SEE countries, looking up to renewable energy sources development, preserving environmental quality and preventing flood risk. The project had given a strong contribution to the integration between the WFD Directive and the RES-e Directive implementation in the EU countries.	2009	2012	Overall € 2.539.800,00  Arpav € 208.000,00	Partner	RSE S.p.A. (Leader – IT), Provincia di Belluno (IT), Technische Universität Graz (AT), Das Land Steiermark (AT), Univerza v Ljubljani (SI), Ministrstvo za okolje in prostor – Republika Slovenija (SI), Universitatea Politehnică din București (RO), Apele Române (RO), Prefecture of Serres Province (GR), Prefecture of Arta Province (GR), Universität für Bodenkultur Wien – BOKU (AT), Universitatea Tehnică a Moldovei (MD)

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		<i>start</i>	<i>End</i>			
<b>PARAMOUNT</b>  <b>ImProved Accessibility: Reliability and security of Alpine transport infrastructure related to mountainous hazards in a changing climate</b>  <b>(ALPINE SPACE Programme)</b>	The project aimed at improving hazard management strategies for infrastructure protection by the adaptation of existing tools and practices to the transport sector (debris- flow, avalanche, rockfall).	2009	2012	Overall € 2.789.000,00  Arpav € 120.000,00	Partner	Lebenministerium (Leader – AT), ÖBB (AT), Bundesforschungs- und Ausbildungszentrums für Wald, Naturgefahren und Landschaft – BFW (AT), Provincia Autonoma di Bolzano (IT), Provincia Autonoma di Trento (IT), Università di Padova (IT), ARPA Piemonte (IT), PUH (SI), Univerza v Ljubljani (SI), IRSTEA (FR)
<b>HAREIA</b>  <b>Historical And Recent Earthquakes in Italy and Austria</b>  <b>(INTERREG IV ITALIA- AUSTRIA Programme)</b>	The main technical objectives are the installations of seismographs for integrating the existing network and the processing of a earthquakes lists through an historical research in the Tirolo, Alto Adige, Friuli Venezia Giulia e Veneto regions.	2009	2012	Overall € 1.080.400,00  Arpav € 251.000,00	Partner	Lead Partner : Ufficio della Regione Tirolo, Ripartizione Protezione Civile e Anticastrofe (Austria) Partner : ARPAV - Dipartimento Provinciale di Belluno, Ufficio Geologia e Prove materiali, Provincia Autonoma Bolzano - Alto Adige (Italia), Protezione Civile di Palmanova, Regione Autonoma Friuli Venezia Giulia (Italia),

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<b>ALFFIRS</b>  <b>Alpine Forest Fire warning System</b>  <b>(ALPINE SPACE Programme)</b>	<p>The overall objective of the project is to control and reduce the role of the forest fires as natural hazard for the Alpine environment considerably through prevention and mitigation actions. The project aims to develop a multi-referential innovative service that strongly supports forest fire management, above all in prevention activities and in the mitigation of the impact due to flaming front on the Alpine forests</p>	2009	2012	Overall € 2.868.160,00  Arpav € 60.000,00	Partner	Lead Partner : Arpa Piemonte (Italia) Partner : Regione Veneto (Italia), Regione Piemonte (Italia), Regione Autonoma Friuli Venezia Giulia (Italia), ERSAF Lombardia (Italia), Slovenian Forestry Institute (Slovenia) Regional Development Agency of Gorenjska Region (Slovenia), CEREN (Francia), ZAMAG (Austria), BOKU Universität für Bodenkultur Wien (Austria), University of Munich (Germania), Sezione Forestale Cantonale del Ticino (Svizzera), Federazione Cantonale Ticinese del Corpo dei Pompieri (Svizzera), Istituto Federale di Ricerca (Svizzera)
<b>ESTONIA TWINNING light</b>  <b>“Estimation of concentrations of radionuclides in Estonian ground waters and related health risks”</b>  <b>Twinning Project EE06- IB-TWP-ESC-03</b>	<p>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.</p>	2008	2009	Overall € 73.600,00  Arpav € 4.680,00	Partner	Arpa Lombardia (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)

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		<i>start</i>	<i>End</i>			
<b>ALP WATER SCARCE</b>  <b>Water Management</b> <b>Strategies against Water</b> <b>Scarcity in the Alps</b>  <b>(APINE SPACE</b> <b>Programme)</b>	<p>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.).</p>	2008	2011	Overall € 3.990.903,00  Arpav € 201.200,00	Partner	Institute de la montagne, Universite' de Savoie (France) (Leader) Societé 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) Eidegenoessische Anstalt fue Wasserversorgung, Abwasserreinigung und Gewaesserschutz (Switzerland) Bundesamt fuer Umwelt BAFU (Switzerland)

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		<i>start</i>	<i>End</i>			
<b>PERMANET Longterm Permafrost Monitoring Network (Alpine Space Programme)</b>	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 € 3.03.468,00  Arpav € 89.000,00	Subcontractor	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-Territoires (France) National Center for Scientific Research - EDYTEM Laboratory (France) Grenoble Institute of Technology, GIPSA-lab (France) Federal Office for the Environment FOEN (Switzerland)

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		<i>start</i>	<i>End</i>			
<b>ROMANIA TWINNING</b> <b>“Support to the National Environmental Guard (NEG) to strengthening its capacity on inspection and control”</b> <b>Twinning Project</b> <b>RO06/IB/EN/10</b> <b>(IPA Programme)</b>	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 in the following fields: IPPC, SEVESO II, VOCs, Chemicals, LCP, WEEE management, water management, nature protection and GMOs	2008	2009	Overall € 600.000,00  Arpav € 95.600,00	Leader	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)
<b>BULGARY TWINNING</b> <b>“Strengthening of surface water monitoring network operation”</b> <b>Twinning Project</b> <b>BG06/IB/EN/01</b>	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 € 700.000,00  Arpav € 64.500,00	Partner	Ministry of Environment (Italy) (Leader) ISS, Italian National Health Institute (Italy) National Research Council (Italy) Studiare Sviluppo (Italy) Various Bulgarian authorities

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		<i>start</i>	<i>End</i>			
<b>POLAND TWINNING</b> <b>“Strengthening the Polish environmental administration in implementation of community of through information technology systems”</b> <b>Twinning Project PL2005/IB/EN /04/TL</b>	The project aims to strengthen the administration responsible for implementation of community 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 acquis communautaire, 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)

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		<i>start</i>	<i>End</i>			
<b>ROADIDEA</b> <b>Road Map for Radical Innovations in European Transport Services (7th FRAME PROGRAM)</b>	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 € 4.903.707,00  Arpav € 252.600,00	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.
<b>COST Action 734</b> <b>Impacts of Climate Change and Variability on European Agriculture: CLIV AGRI</b>	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
<b>LIFE-PARFUM particulates</b> <b>Freight and heavy duty vehicles in Urban environments (LIFE III ENV)</b>	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 € 2.188.079,00  Arpav € 263.107,00	Partner	City of Bremen (Germany) (leader) SWB (Germany) DHL (Germany) City of Padua Province of Padua Net-Engineering (Italy) DCMR (Nederland)

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		<i>start</i>	<i>End</i>			
<b>SLOVAK TWINNING</b> <b>“Establishment of the Environmental Quality Standards for water and Strengthening of Regional and District Environmental Offices for implementation of water controls and monitoring“</b> <b>Twinning Project SK2005/IB/EN/01</b>	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
<b>POLAND TWINNING</b> <b>“Extension of the sanitary supervision system in the area of water quality”</b> <b>Twinning Project PL2005/IB/EN/03</b> <b>(PHARE – CARDS Twinning)</b>	Improving of the Drinking Water Monitoring management system used by the Poland Chief Health Inspectorate	2006	2007	Overall € 769.999,00  Arpav € 25.100,00	Partner	Ministry of Health (Italy) (leader) National Health Institute (ISS – Italy) ARPA Lombardia (Italy) Formez

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		<i>start</i>	<i>End</i>			
<b>POLAND TWINNING “Management System on Drinking Water Monitoring in Chief Health Inspectorate” Twinning Project PL2004/IB/EN/02 (PHARE – CARDS Twinning)</b>	Improving of the Drinking Water Monitoring management system used by the Poland Chief Health Inspectorate	2006	2007	Overall € 100.000,00  Arpav € 34.000,00	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)
<b>COST Action 731 Propagation of Uncertainty in Advanced Meteo-Hydrological Forecast Systems</b>	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
<b>Survey on water quality of small mountain lakes (INTERREG III A Italia- Austria Programme)</b>	Survey on water quality of 6 small mountain lakes and pilot survey on Mosigo lake (San Vito di Cadore - BL)	2005	2007	Overall € 430.000,00  Arpav € 80.000,00	Partner	City of S. Vito di Cadore (Italy) (leader) City of Oetz (Austria) Innsbruck university
<b>Integrated evaluation of air quality in Val Belluna (INTERREG III A Italia- Austria Programme)</b>	Carrying out of a forecasting model able to support programmatic choices of the territory	2005	2007	Arpav € 150.000,00	Partner	Land Carinzia (Austria) ZAMG Salzburg

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		<i>start</i>	<i>End</i>			
<b>INSPECTAN Environmental Inspection Guidelines For The Tanning Industry (IMPEL program)</b>	INSPECTAN project aims to provide: - 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	Overall € 78.000,00  Arpav € 20.000,00	Leader	Ministry of Ecology and Sustainable Development (France) UBA, Federal Environmental Agency (Germany) State Environmental Service Director of the Department of Permits and Specifications (Latvia) WIOŚ Warszawa Delegatura Radom (Poland) Conselleria de Medio Ambiente, Xunta de Galicia (Spain) Miljöskyddsenheten 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)
<b>COST Action 728 Enhancing meso-scale meteorological modelling capabilities for air pollution and dispersion applications</b>	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	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

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		<i>start</i>	<i>End</i>			
<b>MONARPOP Monitoring network in the Alpine Region for persistent and other organic pollutants (INTERREG III B Alpine Space Programme)</b>	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 € 1.846.720,00  Arpav € 90.000,00	Partner	Austrian Ministry for Agriculture, Forestry, Environment ARPA Lombardia (Italy) Bayerisches Staatsministerium für Umwelt - Gesundheit und Verbraucherschutz (Germany) GSF Bayern (Germany) SFI Slovenia (Slovenia) BA Berlin (Germany) UBA Vienna (Austria) BUWAL (Switzerland)
<b>POLAND TWINNING “Implementation of the Water Frame Directive 2000/60/EC” Twinning Project PL2002/IB/EN/01, (PHARE – CARDS Twinning)</b>	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)

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		<i>start</i>	<i>End</i>			
<b>ADRIAMET Integrated system for monitoring and forecasting of meteorological and water conditions parameters in Adriatic Sea (Interreg III Adriatic Cross Border Programme)</b>	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 €1.222.000,00  Arpav € 612.000,00	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 Institut of Montenegro (Serbia and Montenegro)
<b>KATER II Karst water research program (IINTERREG III B CADSES Programme)</b>	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 € 3.246.400,00  Arpav € 90.000,00	Subcontract or	Regional government of lower Austria (leader) IRGO Institute of Mining, Geotechnology and Environment (Slovenia) Institute of Geology (Croatia) Molise University (Italy)

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		<i>start</i>	<i>End</i>			
<b>FORALPS Meteo-hydrological Forecast and observations for improved water Resource management in the Alps (INTERREG III B Alpine Space Programme)</b>	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 € 2.797.300,00  Arpav € 210.000,00	Partner	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)
<b>ALPS QUAKENET Alpine Integrated GPS Network: real time monitoring and master model for continental deformation and earthquake hazard (INTERREG III B Alpine Space Programme)</b>	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" (Geodetic Alpine Integrated Network) able to quantify the crustal deformation of the whole mountain range	2004	2008	Overall € 2.143.353,00  Arpav € 80.000,00	Partner	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)
<b>METEORISK Mitigation of natural risks through improved forecasting of extreme meteorological events (INTERREG III B Alpine Space Programme)</b>	Improving of weather forecasting systems and communication between alpine countries aimed to support institutes in case of extreme meteorological events	2003	2006	Overall € 1.901.684,00  Arpav € 172.200,00	Partner	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)

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		<i>start</i>	<i>End</i>			
<b>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)</b>	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	Arpav Overall € 4.285.715,00	- Leader	Marine Biology Lab, Trieste (Italy) Marine Biology Station, Piran (SLO)
<b>TEIAMM Transboundary Effects Industrial Accident Management Model (Law 84/01 - Italian Development Projects in the Balkans)</b>	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 € 240.000,00  Arpav € 23.316,96	Partner	FORMEZ (leader) (Italy) Ministry of Environment (Italy) ICARO s.r.l. (Italy)
<b>POLAND TWINNING 2002 Monitoring drinking water quality Twinning Project PL02/IB/EN 02 (PHARE – CARDS Twinning)</b>	Adaptation of the Poland existing control and surveillance systems to the EU standards of drinking water monitoring	2003	2004	Arpav € 154.676,00	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)

<i>Project Title (referring program)</i>	<i>Description</i>	<i>Project Life</i>		<i>Budget (Amount)</i>	<i>Role Held</i>	<i>Other Partners</i>
		<i>start</i>	<i>End</i>			
<b>Environmental Information and Education Objective 2 2000-2006 - FESR)</b>	Not a single project but a set of 25 projects running in accordance with the following action patterns: 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 – Overall € 4.466.436,00	Leader	Regional government of Veneto (Italy) Local Authorities Public Authorities Schools Environmental Associations Private persons
<b>ALPSLAKE – Alpine Lakes Network (INTERREG III B Alpine Space Programme)</b>	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	Overall € 647.382,00.  Arpav € 55.000,00	Subcontract or	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)

<i>Project Title (referring program)</i>	<i>Description</i>	<i>Project Life</i>		<i>Budget (Amount)</i>	<i>Role Held</i>	<i>Other Partners</i>
		<i>start</i>	<i>End</i>			
<b>SIMAGE</b> <b>Integrated system for environmental monitoring and management of emergencies in the Porto Marghera industrial area. (Regional funds)</b>	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	2006	Arpav € 4.098.741,00	Leader	Province of Venice (Italy) Regional government of Veneto (Italy) SIGES ENICHEM S.p.A. (Italy) Ca' Foscari Venice University (Italy)
<b>ENVISNOW</b> <b>Development of generic earth observation based snow parameter retrieval algorithms (5th Frame Program)</b>	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	Overall € 2.589.768,09  Arpav € 55.300,00	Partner	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) IMG I (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)
<b>Participation to the Guidance on Monitoring for the Water Framework Directive 2000/60/EC for the European Commission in collaboration with APAT</b>	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 the technical services

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