THE REGIONAL SUSTAINABILITY EDUCATION SYSTEM

FROM ENVIRONMENTAL EDUCATION TO SUSTAINABILITY EDUCATION The term *environmental education* first entered international discourse in the late 1960s, and it was more or less ten years later that "educazione ambientale" began to be spoken of in Italy, when the first organisations were set up to talk about nature and the environment in schools and the first "green universities" began discussing the complexities of the relationship between ecology, economy and society and urging successive generations to start changing their way of seeing the world, approaching problems and behaving, as the future seemed to be demanding. In 1996, with **Regional Law 15/1996** "Promotion, organisation and development of information and sustainability education activities", the Emilia-Romagna Region decided to provide all these organisations and schemes with institutional support and a legal framework on which to base their development – in line with the first UNO and UNESCO documents and often working several steps ahead of the rest of the country – by accrediting seventy or so **CEA - environmental** education centres within the regional INFEA (Information, Training, Environmental Education) system. This heralded the beginning of an intense period of activity, marked by a series of triennial plans in which Region, CEAs, schools and numerous other subjects were involved in a hundred or so system-related actions and over 500 projects; an enterprise of considerable proportions that has definitely helped to increase awareness of the questions now posed by the term sustainability and engendered positive changes in schools, families, workplaces, local authorities

Following an analysis of the results of the ten-year plan implemented under Regional Law 15/1996, as outlined in "Educazione ambientale 10+", a number of legislative, organisational and programmatic changes were introduced into the regional system with Regional Law 27/2009 "Promotion, organisation and development of information and sustainability education activities".

WHAT IS SUSTAINABILITY EDUCATION?

As clearly implied by the UNESCO documents explaining the rationale and objectives of the UN Decade of Education for Sustainable Development (a term introduced into the international lexicon by the Bruntland Commission in 1987), the task is going to take much longer than a decade, and the environmental, social and economic implications of it are enormous, affecting many aspects of the life of the entire global population. Its final aim is the assimilation of the principles, values and practices of sustainable development into all aspects of education and learning, in such a way as to stimulate changes in behaviour that will make the future more sustainable in



terms of environmental safeguards, economic progress and fairness, both in current society and for future generations. It is an attempt – with few historical precedents – to elevate and reinforce the role of education in society by improving access to quality basic education and orienting educational and training programmes in this direction.

Its main objective has been, and still is – possibly with greater commitment and urgency than ever before – that of preparing people of all ages and statuses to face up to and resolve the questions that threaten the sustainable future of our planet, as defined at the Rio de Janeiro Earth Summit of 1992 and reconfirmed at the Johannesburg World Summit on Sustainable Development of 2002. These questions, arising from the three main contexts of sustainable development, **environment**, **society** and **economy**, often interconnected and affecting all countries, are: climate change, energy, water, waste, soil consumption and excessive urbanisation, reducing poverty, employment, corporate social responsibility, migration, health emergencies like AIDS/ HIV, human rights, gender equality, security and peace. They are complex topics, calling for wide-ranging and sophisticated educational strategies which address both present and future generations of political leaders, administrators and citizens. But reforms in the field of education alone are not enough, and must be accompanied by a vast, profound and lasting commitment in many areas of society.

In this context, over the years the **Emilia-Romagna Region** has made every effort to play its part by, first of all, aligning, interconnecting and coordinating its existing internal managerial roles and services in this direction and then by creating the conditions for further qualitative improvements in its sustainability education system with the completion of a series of reorganisation processes outlined in Regional Law 27/2009 and the scheduling of a set of actions aimed at developing **effective community-level educational interventions** in Emilia-Romagna as a

THE SUSTAINABILITY EDUCATION CENTRES

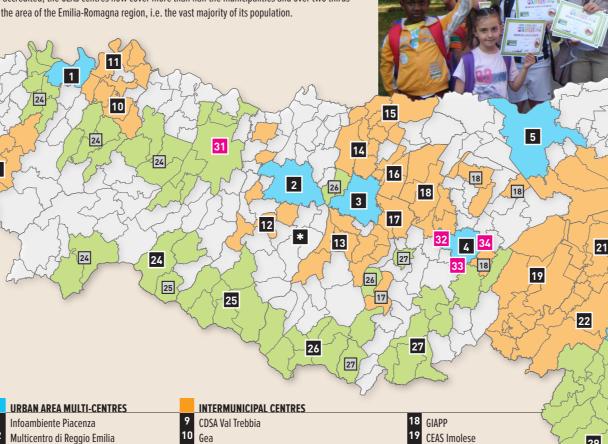
Regional Law 27/2009 facilitated the move from environmental education to sustainability education by coordinating all the UNESCO DESD educational activities on a broader scale, extending the range of public and private bodies in the regional system, reorganising and rationalising the Environmental Education Centres (CEA) and transforming them into **Sustainability Education Centres (CEAS)**. The law, mainly by coordinating the activities of the CEAS, aims to develop the knowledge, awareness, behaviour and capacity for individual and social action of the younger and older generations in such a way as to enable them to incorporate the global and local

> aspects of active citizenship, peace, democracy, human rights, fair development, health care, equal opportunities, culture. environmental protection and sustainable natural resources management into a common scheme.

The new network of CEAS centres currently numbers **36**, spread over the region. The centres have been divided into four categories, on the basis of a final reappraisal of what the critical factors and potentialities of the old centres were and with the aim of facilitating the inception of a certain number of subjects capable of interpreting, in a modern, mature and innovative way, what has always been the centre's task: acting as a catalyst for possible change.

One of the salient aspects of the reorganisation of the CEAS network is the creation of a more direct and stable relationship between centres and local authorities.

with the most ambitious innovation in this definitely being the setting up of 8 sustainability ed**ucation multi-centres** by municipalities located in almost all the region's main urban areas. In this particular type of centre, working in areas where much of the regional population is concentrated, evidence of sustainability-related questions and activities is usually more apparent, with people being more vocal and active on these themes. The municipalities thus have the task of developing participatory projects which, by building on existing municipal strategies and services, bring together interactively in coherent schemes the available resources in the urban areas. In smaller population centres, on the other hand, **15 intermunicipal sustainability education** centres have been opened, in which groups of local authorities jointly manage the sustainability education activities of a homogeneous area (a model opted for by an increasing number of unions of municipalities). As regards protected areas, the managerial reorganisation inherent in Regional Law 24/2011, involving the setting up of authorities to manage the parks and biodiversity in the five macro-areas, has led to the accreditation of **7 protected area sustainability education centres**: four in the macro-areas and three in the two national parks and one inter-regional park in Emilia-Romagna. The last of the categories consists of **6 sustainability education centres** of excellence, solidly established institutions with specific specialisations based on decades of experience at local, regional and sometimes national level, whose skills have been utilised in the past in the regional system. In this constantly evolving scenario, with three new centres due to be accredited, the CEAS centres now cover more than half the municipalities and over two thirds of the area of the Emilia-Romagna region, i.e. the vast majority of its population.



Centro intercomunale Area Padana

Ionantola e Terre del Sorbara

Rete Reggiana

Terre d'Argine

a Raganella

EAS Pedecollinare





28

consum li abile

LA VIRTÚ STA NEL MEZZO

DI TRASPORTO

Per recarti al lavoro scegli

la bicicletta o

E PER QUELLA DELL'AMBIENT

ANDIAMO A SCIIOLA A PIEDI





22 Camina

ogies, processes and services developed by bodies and businesses. A plan to continue this activity

in a new shape is currently being finalised. An even more recent publication by INFEAS, *L'educazione*

on sustainability in a gender perspective. A development experience in Emilia-Romagna), edited by

Luisa Baldeschi, Marilena Minarelli and Giuliana Venturi, based on an experience which involved

several female environmental trainers, shone a spotlight on the interplay between sustainability

and gender approach, also gathering a useful collection of international, national and regional doc-

uments, norms and programmes, such as regional law L.R. 6/2014 "Framework law for equality

and against gender discrimination". The first training course was followed by a second one, which

explored the issue of the promotion of sustainable entrepreneurship in a gender perspective, and

In line with the regional policies on the river Po and the integrated management of the coastal

zones, the regional system of sustainability education is implementing specific programmes and $% \left(1\right) =\left(1\right) \left(1\right)$

actions which involve the CEAS, schools networks, scientific agencies and the training world. The

starting point is an interdisciplinary and unitarian reading of the environmental, economic, social

and cultural factors which define the two territorial areas and the projects for their protection, de-

velopment and increasing the value of tourism therein, with a participatory approach which can get

the citizenry involved and take into consideration the various interests in play along the river axis, in

the delta area and all along the coastal area. For almost the last twenty years, the CIDIEP in Colorno,

founded by Giuseppe Gavioli, has played a strong role in guiding and encouraging the development

of updated management strategies for the Po and the implementation of educational activities for

schools and the general population. The Fondazione Cervia Ambiente had a similar role along the

coast. In cooperation with local authorities, river basin authorities and the pertinent regional offices,

the reorganization of some structures is currently underway, to give continuity to the experience of

recent decades and to start up new projects: from the Po Protocol in the Piacenza area to the Centro

Ricerche Marine in Cesenatico (CEAS Polo Adriatico), from the creation of itineraries and wine and

food routes to activities to promote the river Lamone, involving GeoL@b and towns in the Faenza

alla sostenibilita in una prospettiva di aenere. Un percorso formativo in Emilia-Roma

further activities then emerged, inspired by these first two experiences.

THE PO AND THE ADRIATIC COAST

PROTECTED AREA CENTRES CENTRES OF EXCELLENCE 1 CIREA

24 Aree Protette Emilia Occidentale 25 Di Onda in Onda - Atelier delle acque

THE INFEAS PROGRAMME FOR 2014-2016

The programme is the instrument used for the orientation and implementation of the region's sus-

tainability education policies. The current programme, with its broad, participatory structure, aims

to constantly improve the coordination, extensiveness and effectiveness of the region's actions by

increasing cooperation with managers and services, intensifying the **integration** of the facilities,

functions and projects in the regional system, involving the network of CEAS centres and schools

on a constant basis and advocating **new alliances** with environmentalist, consumer, voluntary and

green economy associations in order to encourage sustainability best practices. The objective is to

broaden the degree of participation in the sustainability education network and make the regional

INFEAS programme the reference framework for initiatives taken by many different subjects to pro-

mote the culture of sustainability. To achieve this, the **proficiencies of the operators** – of strategic

importance in guaranteeing the quality of the training and educational actions and in meeting the **educational needs of the public** – must be diversified, upgraded and enhanced in such a way

as to enable the gradual extension of the regional sustainability education network's projects and

services to include not only the entire adult population, but also the local authority educators and

administrators themselves. Of equal strategic importance is the choice to operate more and more by means of integrated and scheduled system-based actions, in order to meet the main educational

delle energie Aree Protette Emilia Centrale ree Protette Emilia Orientale cuola Parchi Romagna oreste Casentinesi

asso Simone e Simoncello

Fondazione Villa Ghigi Centro Antartide GeoL@b Onlus 36 Polo Adriatico







THEMES AND ACTIVITIES

Questions related to biodiversity – regarding not only the protected areas but also the services in the rest of the region, often in urban settings – have always been amongst those most addressed by the CEAS. The aim is to cultivate a closer knowledge of nature, an understanding of the importance of biodiversity and an awareness of the fact that its gradual loss or ultimate conservation depend on a set of complex environmental, economic, social and cultural relations, thus putting the regional community in a position to act appropriately, take informed decisions and behave in positive, locally significant ways. The CEAS activities, initiatives and publications to this end are countless, and every year the Region itself produces stimulating educational material, such as the Storie Naturali magazine about the protected areas, together with informative and detailed pamphlets, brochures and books about specific land areas and strategic studies about the conservation of biodiversity. A recent study scheme, involving a group of regional operators and centres, defined a set of educational and communication priorities and strategies that can be developed jointly by CEAS and other regional cultural and educational bodies in the years to come, with the aim of making certain key concepts on biodiversity more effective and penetrating amongst schools and the public.

SUSTAINABLE TOURISM

Over the years, numerous sustainable tourism initiatives have been organised on educational themes linked both to the protected areas and other zones of interest. Recent projects include the Alta Via dei Parchi campaign, a long itinerary connecting the protected areas on the Appenine ridges, and the completion of the *Ciclovia dei Parchi* bicycle routes, to promote cycling tours of the natural parks. The CEAS tourism programmes, some of which are on a European scale, are actually many and varied, ranging from a national project — led by Emilia-Romagna — on Apennine villages to a project on the rediscovery of mountain food culture, together with international projects on the Mediterranean basin, enhancement schemes on routes and places such as the Via Francigena, the Terre Malatestiane and Montefeltro and the mapping of itineraries in zones made famous by historical figures in the world of culture and art. But sustainable tourism also means caring for the region's historical heritage of parks and gardens and unique, precious trees

CHILDHOOD AND NATURE

The centres in the regional system have established long-standing relationships with the world of education, working in school playgrounds, urban green spaces and natural parks. Discovering nature, in fact, has been a key theme at many of the centres in recent decades, and continues to be one of the main activities. The regional system has been working fruitfully with educational institutes and networks of schools on sustainability issues for some time, developing a number of major experimental projects such as *Curricolo ecologico* (as documented in the book by Franco Azzali, Milena Bertacci and Francesco Betti entitled *Curricolo e paradigma ecologico*) which continues to be a point of reference in the education world. Of particular significance – because of the growing interest at international level in themes related to *Outdoor Education* and the importance of experiencing nature from early childhood to the new generations of "digital natives" – is the scheme launched

by the regional service together with BAC Bologna Ambiente Comune and the Fondazione Villa Ghigi, involving both the training of teachers and activities for the children themselves in the 0-6 age group. The project includes an overview of similar activities on a regional level, study seminars and the development of educational tools for disseminating the resulting material.

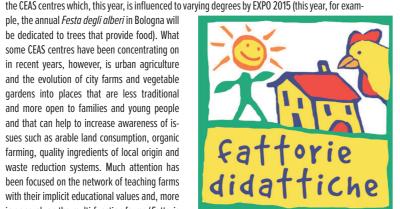
RESOURCES AND CONSUMPTION

The regional sustainability education system project that best sums up many of the themes related to the sustainable use of resources, integrating and boosting many of the single initiatives, is the thoroughly tested and proven communication campaign *ConsumAbile*, about the promotion of sustainable lifestyles. For several years now, this project, with the help of CEAS and local authorities, has been proposing events and play-oriented schemes designed to increase awareness amongst the public and in schools. These are accompanied by specific initiatives for public authorities and public employees – in their dual role as consumers and managers of resources about avoiding waste and using goods, tools and services properly. The Region's efforts in this area are particularly wide-ranging, involving most departmental managers and services in sets of clearly defined plans, strategies and campaigns, such as *Liberiamo l'aria*, linked to the 2012-2015 air quality plan agreement, *Chi li ha visti?*, a waste treatment monitoring scheme that follows the entire process from collection to recycling and recovery, and *Che terra pesti*, about the importance of soil in environmental sustainability. Also, the Emilia-Romagna Region takes part in a number of important European projects and working groups, such as Soil Awareness, about increasing awareness of soil as a vital resource for humanity and the entire ecosystem, and *Ecocourts*, designed to promote sustainable behaviour in water and energy use and encourage better waste management in housing estates and districts.

AGRICULTURE AND NUTRITION

Certain aspects of these themes have been touched on in different ways in the *ConsumAbile* and – to a lesser extent – Città civili dell'Emilia-Romagna campaigns, and figure in the planning of many of

ple, the annual *Festa degli alberi* in Bologna will be dedicated to trees that provide food). What some CEAS centres have been concentrating on in recent years, however, is urban agriculture and the evolution of city farms and vegetable gardens into places that are less traditional and more open to families and young people and that can help to increase awareness of issues such as arable land consumption, organic farming, quality ingredients of local origin and waste reduction systems. Much attention has been focused on the network of teaching farms with their implicit educational values and, more in general, on the multi-function farms (Fattorie





Aperte, Giornata dell'Alimentazione in fattoria), along the lines of the 2015-2020 Rural Development Plan. The LIFE + Climate changE-R project moves in the same direction, focusing on the reduction of buse-effect gas emissions in Emilia-Komagna's farming systems, and informing agricultural technicians and farmers about lower environmental impact agricultural practices.

CITIZENSHIP AND SHARED HERITAGE

MUSA - Modena

MAUSE - Forlì

8 Multicentro di Cesena

Centro Idea - Ferrara

BAC Bologna Ambiente Comune

Multicentro Ravenna - Agenda 21

In this thematic area the project system Città civili dell'Emilia-Romagna (Civil Cities in Emilia-Romagna), coordinated by Centro Antartide and launched in 2013 to promote shared management of common goods, calling into play particularly the multicentres in the main urban areas, is a significant opportunity to summarise and give credit to the wealth of initiatives developed in the various areas concerned, which often see local government structures and CEAS on the front line (as proven by the significant cases of Bologna, Reggio Emilia and Ferrara, which have become reference points at the national level too). The project will be extended over the coming years, and will continue to update the listing of good practices and experience within the Region and the CEAS to develop new initiatives and projects linking environment, sustainability and the active participation of adults and young adults in making choices for their community. The plan includes a training session aimed at defining as fully as possible the role of the CEAS in promoting instances of active citizenship regarding various common environmental, urban and historic goods.

This is one of the areas in which the regional network of sustainability education is most closely involved, working on training activities together with various regional departments and offices: talking to schools and to the citizenry about sustainable mobility also means concerning oneself with air quality, pupils' attaining independence and their socialization, knowledge of the area, participative planning, tourism, health and safety issues, etc. An emblematic example is the campaign *Siamo* nati per camminare (We are born to walk), which has for many years targeted primary school pupils and their parents, promoting sustainable and pedestrian mobility, especially on the home-school run, with its corollary of ideas, plans and actions to facilitate these new, but in actual fact much older, ways of moving around in many urban situations. The growing impact of this message is also proven by the large number of *Pedibus* (walking school buses) started up and which have spread, often thanks to the hard work of the CEAS, both in large cities and in small towns. But it is the Region as whole which is particularly sensitive to this issue, from the choice of electric mobility to the new opportunities for combining bicycle and train, from the Guida sicura (safe driving) project, on the risks associated with driving under the effect of drugs or alcohol to the campaign *Voglia di bicicletta* (Longing to bike) on respecting the highway code for cyclists.

SUSTAINABLE ENERGY

This is a strategic area in which the regional system has been working for some time, with good results, starting from the project Educazione all'Energia Sostenibile (Sustainable Energy Education). There have been a number of educational and information-giving sessions, closely relating to the local authorities and the developments of the "Patti dei Sindaci" (Covenant of Mayors) initiative which so many municipalities have signed up to, aiming get both school pupils and the adult population involved in the objectives of the regional energy plan. Moreover, several CEAS cooperate with the local administrations in implementing action plans for sustainable energy (PAES) and are the leaders of the annual "Energy Education Day". The Region is a partner in the European project Alterenergy, to contribute to reaching the European 20-20-20 objec-

tives by developing an Adriatic community which is sustainable from the energy standpoint thanks to greater use of renewable energy sources and energy efficiency plans. The project includes specific awareness-raising campaigns which last year touched municipalities such as Castrocaro, Terre del Sole and Brisighella, getting schools to experiment with methodologies based on an active approach, taking the school building as a good example of environmental sustainability ("green school").

ENVIRONMENT AND HEALTH

Valli e Fiumi

Bassa Romagna

Valmarecchia

Tresinaro Secchia

Romagna Faentina

Centro dell'Unione dei Comuni

In recent years, two significant training courses enabled a mixed group of officers from the CEAS, ASL (Local health authorities) and Street Units to share languages, experiences and capabilities developed in this field. The objective for the future is to further develop training courses combining environment and health, extending them to other actors and networks of professionals, through thematic seminars, projects and initiatives promoting the healthy lifestyles championed by the Regional Prevention Plan (physical exercise, correct nutrition, health in the workplace, combating alcohol abuse, tobacco dependence and substance abuse, etc.). Of fundamental importance for adolescents and young adults are the initiatives to prevent at-risk behaviour in entertainment venues, such as the projects *Safernightlife, Allerta rapida* and *Green Nightlife*, which are trying to create a network of clubs and events which adopt an approach focusing on health and fostering correct information and quick intervention on substances circulating there. There are also a number of initiatives promoting physical exercise, from a health standpoint, such as the *Gruppi di cammino (walking* groups), walking up stairs rather than taking lifts, eating bread with a lower salt content, etc. as well as a region-wide campaign to control the tiger mosquito and other insects.

SUSTAINABLE BUSINESSES AND THE GREEN ECONOMY

This issue was the subject of Educare all'Impresa sostenibile (Education for sustainable business), published last year, edited by Luna Beggi as part of the Quaderni INFEAS collection which, originating from the regional roundtable on education for sustainable business set up some years ago, explores this area which is absolutely strategic for our future, highlighting the opportunities which open up for the regional system and the CEAS in their interactions with businesses. Moreover, in 2003 the regional service had launched the Vetrina della Sostenibilità (sustainability showcase) project, in collaboration with eco&eco society, which for a decade gave visibility to sustainable products, technol-



and Ravenna areas.

Regione Emilia-Romagna

SUSTAINABILITY **EDUCATION** IN EMILIA-ROMAGNA THE REGIONAL SYSTEM AND MAP OF CENTRES

What does promoting a policy of sustainability education involve? What tools and methods are used, in which contexts are actions carried out, what has been the experience so

This leaflet gives a brief overview of the creation and evolution of the Emilia-Romagna Region sustainability education system, started based on the early UN and UNESCO documents on environmental issues and the enthusiasm with which initiatives were being taken at the local level. Indeed it was in the 1990s that the Region set up its own environmental education system, with a number of different branches of activity spread evenly over the whole area.

far and who are the main players

In line with the appeals and guidelines issued at the international level, the Emilia-Romagna regional administration approved a framework law (L.R. 27/2009) which broadened the scope of the policies covering what is now called sustainability education. A cornerstone of the process of innovation was the reorganisation of the CEAS - Sustainability Education Centres, accredited according to quality criteria and operating in both large and small towns and in protected areas.

A detailed map illustrates the whole network of CEAS and describes the identity and specific characteristics of each centre. Now the UN Decade of Education for Sustainable Development is over, the Emilia-Romagna Region is forging ahead with a new three-year programme and an enormous wealth of experience acquired thanks to the CEAS. We wish you profitable experiences in sustainability education!



www.regione.emilia-romagna.it/infeas

Regione Emilia-Romagna

© September 2015

Communication, Sustainability Education and Participatory Tools Service Editorial Board Paolo Tamburini, Giuliana Venturi, Daniela Malavolti Texts and editing Mino Petazzini - Fondazione Villa Ghigi Graphic design and page layout Danilo Zacchiroli - Redesign

Translation Logos - Modena Printed by Cantelli Rotoweb

Special thanks to the coordinators, personnel and operators of the CEAS centres for the information and images they provided.

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PIACENZA

INFOAMBIENTE PIACENZA

Municipality of Piacenza sustainability education multi-centre

www.comune.piacenza.it/te

Infoambiente is a Piacenza City Council service that has been working on sustainability education for schools and the public since 1998. The multi-centre, run jointly by the ALER (Environment and Work for Emilia-Romagna) association and the CDE (Piacenza Province Educational Documentation Centre), is now a point of reference for teachers and educators for topics such as gentle mobility (Pedibus) and sustainable schools (Verso un'eco-scuola), and works closely with other sustainability organisations (ARPA, AUSL, FIMP - Italian Federation of Paediatricians) in the Piacenza area. Infoambiente is also actively committed to the defence and care of the environment, has an environmental helpdesk and acts as a meeting place and 'container' for ideas for network initiatives and school and public meetings.

CDSA VAL TREBBIA

Valley of river Trebbia Environmental Studies Documentation Centre • www.icbobbio.it The centre, opened in 1992 by Bobbio schools and local council, has been renovated in a scheme involving six other municipalities in the valley and the mountain community. The school library compiles materials and publications on environmental education and 'reading the land'. The centre's schemes are aimed at schools, the public, associations and businesses. An example is the *lo* amo la mia città e ve la racconto project, with people (teachers, parents, grandparents, relatives and friends) being invited take part in guided tours of Bobbio's main monuments and museums

organised by young people. Another example, again organised by young people, is the *Bobbio 2.0* project: four commercials on Bobbio's main attractions, to raise awareness about the





Fiorenzuola d'Arda, Alseno, Cadeo and Pontenure sustainability education centre www.comune.fiorenzuola.pc.it

The centre takes its name from the Greek Gaea or Gaia (Mother Earth) and builds on the experience of the previous centre in Fiorenzuola, working with schools, the public, businesses, the elderly and foreign residents in the four municipalities involved. It promotes educational and awareness-raising campaigns about sustainable lifestyles and facilitates participation in schemes that combine the conservation of environmental resources with economic dynamism and social cohesion. The Percorsi Sicuri Scuola Casa - II Pedibus - Bike To Work project concentrates on ensuring the safety of all critical traffic points near schools and pedestrian and bicycle crossings, encouraging the use of pedestrian and cycle paths and facilitating the use of alternatives to four-wheeled transport.

CENTRO INTERCOMUNALE AREA PADANA

Monticelli d'Ongina, Caorso, Castelvetro Piacentino and Villanova sull'Arda sustainability

education centre • www.comune.monticelli.nc.it The centre, initially based in Monticelli school and now run by the Piacentina Natural Science Society, thanks to an agreement between Monticelli Town Council and three other local municipalities, organises the provision of new sustainability services. It devises educational initiatives for schools and the public on subjects such as biodiversity, eco-citizenship and eco-friendly eating. The centre works hand in hand with the municipalities, organising public environment days, helping teachers with educational planning, giving school lessons and workshops on water and alternative energy and other subjects and helping to organise local bicycle tours and various other environmental events together with local associations.





PARMA

CIREA Italian Environmental Research and Education Centre • www.cirea.unipr.it

The CIREA, founded by Antonio Moroni in 1990 as an inter-faculty centre, has actually been active as an environmental education research centre for over 50 years. It is now involved prevalently in research, teaching and training activities in the sustainability education field, collaborating with organisations at both local and international level. The centre draws on the skills of university personnel and, in specific projects, collaborations with other institutions, associations and cooperatives. The main areas of current work include the (un)sustainability of land in relation to agroalimentary systems (Echi di in/sostenibilità: il territorio si racconta, documentary Terramacchina), environmental ethics (with the Parma Environmental Ethics Centre) and sustainable schools (in a course on working towards sustainability).

AREE PROTETTE DELL'EMILIA OCCIDENTALE

Western Emilia Parks Authority sustainability education centre www.parchidelducato.it

The centre, based in the Taro Regional Park, coordinates the activities in the protected areas around Piacenza and Parma (Boschi di Carrega, Taro, Valli Cedra e Parma, Stirone e Piacenziano and Trebbia regional parks; Parma Morta, Monte Prinzera, Torrile-Trecasali and Ghirardi nature reserves). It brings together a number of bodies which, for many years, have been organising courses for schools and the public, providing assistance to teachers and running training courses, awareness campaigns, conferences and events. The centre's personnel also work with companies and cooperatives of guides and workshop educators on excursions, the opening of visitor centres and other initiatives. The activities are mainly related to biodiversity and nature conservation, combining the traditional themes of protected areas with innovative proposals that see biodiversity and parks as a shared heritage and aim to foster a new culture based on respect and care for natural resources.





REGGIO EMILIA

MULTICENTRO DI REGGIO EMILIA

Municipality of Reggio Emilia sustainability education multi-centre www.municipio.re.it/ceasmulticentro

The multi-centre, building on the experience gained since the opening of Reggio Emilia City Council's CREA (Environmental Education Resource Centre) in 1986 – later to become Infoambiente Reggio Emilia – organises education, information and awareness activities on environmental issues, working also with local WWF and Legambiente educational organisations. With projects, exhibitions, conferences, events, publications and theme pages on the council's website, the multi-centre provides information on environmental issues and strengthens local activities and links with local bodies and voluntary organisations. The centre's vast range of public information campaigns for the schools and people of Reggio Emilia cover issues such as sustainable energy, climate change, consumption, the use of green spaces, eco-friendly behaviour, waste management, safeguarding water, animal rights, electromagnetic pollution involving.

RETE REGGIANA

Albinea, Bibbiano, Campegine, Canossa, Poviglio and Vezzano sul Crostolo sustainability education centre • www.ceas-retereagiana.it

The centre was formed on the initiative of six municipalities who decided to pool their facilities in order to implement more concrete sustainable development policies at an intermunicipal level, providing educational services, information and assistance to schools, the public and social and business organisations. The initiatives aim to bring together the global and local aspects of active citizenship, peace, democracy, human rights, fair development, health protection, equal opportunities, culture and environmental protection within a shared framework. The centre organises training and refresher courses, research activities, publications, meetings on environmental sustainability, biodiversity and sustainable natural resources management, with a particular emphasis on promoting and cultivating the environmental features of the associated municipalities.

DI ONDA IN ONDA • Atelier delle acque e delle energie

Appennino Tosco Emiliano National Park sustainability education centre

The Atelier is a project promoted by the National Park partnered by ENEL (Italian national power company). Ligonchio Town Council. Emilia-Romagna Region and Province of Reggio Emilia. It proposes a questioning approach to science in which children, young people and adults are encouraged to form hypotheses and theories. The Atelier, created by a team of educationalists, studio teachers, architects, designers and physicists, draws on the experience of the exemplary municipal kindergartens of Reggio Emilia and suggests exploration, study and research activities for infants and schoolchildren. The Atelier's work takes place in a number of centres known as "Camps": the Base Camp in the Ligonchio hydroelectric power station, Camp 1 in the park headquarters and two outdoor camps at Rimale, in a high-branching beech wood, and Presa Alta, next to the river Ozola.





MODENA

MUSA • Multicentro Ambiente e Salute Modena

Municipality of Modena sustainability education multi-centre • www.comune.modena.it/musa The multi-centre was created with the reorganisation of three municipal services that were already working on sustainability education: CEASS L'Olmo, one of the most active sustainability education centres in the previous regional network, the Agenda 21 office and the Città Sane OMS office. It olects on health, the environment, public participation, mobility, energy and sustainable business, working jointly with other council departments. The MUSA organises public information initiatives, seminars, public events and campaigns advocating healthy and sustainable lifestyles; it also assists in the management of local participatory schemes and provides methodological support and educational aids to teachers and schools. The multi-centre is an active participant in the UNE-SCO sustainability education week and other regional, national and European campaigns on these ssues; its projects frequently involve other organisations and businesses from Modena.

CEAS PEDECOLLINARE

Sassuolo, Fiorano Modenese, Formigine, Maranello and Prignano sulla Secchia sustainability education centre • www.comune.fiorano-modenese.mo.it

The centre, together with the environment and sustainability services of the five municipalities, works with its own staff and local associations, cooperatives and individuals to make local actions more homogeneous and effective. It proposes educational activities to schools and the public in the 'Ceramics District', promoting projects on sustainability, developing a 'green economy' culture amongst young people and enhancing the natural attractions of the area, such as the Salse di Nirano Nature Reserve, with its internationally renowned geological features. Each year, a full calendar of public awareness raising events is drawn up. Working together with local school services, the centre creates educational itineraries to encourage children to make greater use of outdoor areas.

TERRE D'ARGINE

Municipalities of the "Unione Comuni Terre d'Argine" sustainability education centre • www.quicea.it The centre, linked to the municipalities of Carpi, Novi, Campogalliano and Soliera and active since 1991 with a proven track record, is always on the lookout for new ways of spreading the culture of sustainability. The general strategies of the centre, currently run by the La Lumaca Coop, are decided by a management committee. Its school activities include educational courses with visits to technological units and places of interest in the area, and teacher training activities. In its work with the public, associations and businesses, the centre runs specific activities in festivals and other traditional events and organises exhibitions, educational material and theme-based initiatives, together with conferences and seminars. Its main projects include CHORUS. Environmental communication tools and methods, an environmental awareness scheme which laid the basis for the opening of the helpdesks Quilnfoambiente, and Segni del Territorio, in collaboration with the Central Emilia Consorzio di Bonifica.



LA RAGANELLA

Municipalities of the "Unione Comuni Modenesi Area Nord" sustainability education centre • www.unioneareanord.mo.it/servizi/

The centre, active since 1997, is now a service run by the union of the municipalities of Mirandola, Cavezzo, Concordia, San Possidonio and San Prospero. The historical Barchessone Vecchio building is currently unfit for use because of the earthquake in May 2012, so the centre has resumed its activities in the nearby "Baita nelle Valli". It also has a display van which promotes sustainability in village squares and schools. It proposes initiatives to increase awareness of the the area's biodiversity heritage, help safeguard the Mirandola lagoons and encourage sustainable lifestyles, working together with the CIS-NIAR birdwatching station in Modena, "Il Pettazzurro", the "La Pica" botanical gardens and the Cavezzo astronomical observatory. The educational projects often include activities for families.

NONANTOLA E TERRE DEL SORBARA

Municipalities of Nonantola and the "Unione dei Comuni del Sorbara" sustainability education centre www.comune.nonantola.mo.it/tempo_libero/ceas_centro_educazione_alla_sostenibilita/index.htm

The Nonantola centre, first opened in in 1985, gradually consolidated its links with the nearby municipalities (Bastiglia, Bomporto and Ravarino). It creates participatory projects with the schools, also involving other municipal services and local voluntary organisations. It has an information helpdesk for the public and encourages the dissemination of sustainability best practices by means of courses, meetings and theme-based social events. The centre has been extremely active in education and communication for many years, advocating the responsible use of resources, proper waste management, sustainable mobility, earthquake awareness and the rediscovery of old crafts and customs. For some of the activities, a classroom in the "II Torrazzuolo" ecological rebalancing area is used. The area has ponds, a reed bed and bird watching hides.

VALLE DEL PANARO

Valley of river Panaro sustainability education centre • www.ceasvalledelpanaro.it

The centre, formed by some of the municipalities in the Unione Terre di Castelli, is also linked to San Cesario sul Panaro and Castelfranco Emilia. It coordinates sustainability education initiatives in an area with highly diversified territorial attributes, including the industrialised zones of Castelfranco and Spilamberto, the agricultural areas of Castelvetro, Vignola and San Cesario and the livestock farming and tourist areas of Marano sul Panaro and Zocca. The common feature is the river course, where the farming land is characterised by orchards, vineyards and pastures for Parmesan Cheese production and, further upstream, chestnut woods. The centre's working methods are best characterised by the outdoor sustainability education project II fiume Panaro: laboratorio all'aperto per l'educazione ambientale, which provides assistance to schools, organises training events and promotes sustainability education projects in collaboration with other active bodies in the area, with the support of the Incia Coop.

AREE PROTETTE DELL'EMILIA CENTRALE

Central Emilia Parks Authority sustainability education centre

· www.parchiemiliacentrale.it/educazione-ambientale The centre is the educational facility of the authority that runs the Alto Appennino Modenese (Parco del Frignano) and Sassi di Roccamalatina regional parks and the River Secchia Overflow Containment Area Nature Reserve. It acts both as an information helpdesk — advocating the proper use of the three protected areas – and as a point of reference for schools and the public. It concentrates its activity on the schools in the municipalities linked to the protected areas, providing advice, teacher courses and teaching activities on the specific environmental, historical and cultural aspects of the two parks and the reserve. Sustainability is also the subject of a course on the state of "health" of the atmosphere and the factors that affect it, run in collaboration with CNR-ISAC and the Italian Air Force.





BOLOGNA

BAC • Bologna Ambiente Comune

Municipality of Bologna sustainability education multi-centre www.comune.bologna.it/ambiente

The Bologna multi-centre, working with the Fondazione Villa Ghigi, the Centro Antartide and other internal units such as Showroom Energia e Ambiente and LEA Villa Scandellara, has the dual aim departments dealing with sustainability and, on the other, forging links with the many subjects in the Bologna area active in this sphere. This involves a wide range of activities, including outdoor education work with the 0-6 age group, European projects on sustainability issues, events, campaigns and a constant series of municipal initiatives concerning public green spaces, urban vegetable gardens, active citizenship, energy saving, waste, sustainable mobility and climate change.

FONDAZIONE VILLA GHIGI

Sustainability education centre of excellence • www.fondazionevillaghigi.it The Foundation, formed in 2001 by the City and Provincial Council and the University of Bologna. continues the work begun by the centre of the same name created in 1980, based on the idea of using a big public park for observing the environment and hilly countryside. In Villa Ghigi Park — run directly by the Foundation – and other green spaces in the city, hundreds of classes and teachers and thousands of pupils have been involved in nature and countryside discovery walks, workshops, green weeks and training events. In addition the Foundation specialises in compiling educational materials and organising environmental events, and has often assisted the Region in actions related to protected areas and the setting up of the sustainability education network, as well as running studies and projects on public green spaces and areas of environmental and cultural interest.

CENTRO ANTARTIDE

The centre, first opened in the course of activities organised by the "Università Verde di Bologna", has been active in the environmental and social education and communication field since 1992. It is active on issues such as water saving, sustainable mobility and road safety, waste, en-

Sustainability education centre of excellence • www.centroantartide.it

ergy, urban quality, civic education, participatory courses, research projects, educational workshops, events, exhibitions and publishing. The centre, which also organises educational activities for schools, works at local, regional, national and European level. Recent projects include, in particular, Siamo tutti pedoni and Siamo nati per camminare, to encourage safe, sustainable mobility, Bologna città civile, Città civili dell'Emilia-Romagna and Italia TVB, on the themes of active citizenship, *Ecosistemi mobili* (an urban green, recycling design and community building project).

CAMINA

Sustainability education centre of excellence • www.camina.it

The centre, formed by several local departments in 1999 in order to develop innovative policies concerning children in urban envionments, along the lines of Law 285/97, has gradually defined its specific area of activity. t currently works at community level, focusing on the advocacy of children's and young people's rights, with reference to the international convention on the rights of the child. It produces publications to increase awareness of child-



Mondo con noi I diritti di bambini e ragazzi per parole e immagini



hood policies, emphasising the importance of renewing participatory methods and and the need

to rethink urban policies. The centre helps create projects on citizenship rights and education,

sustainable mobility, urban and territorial planning, environmental sustainability and health and

well-being, to make children and young people active participants in the social life of their area.

Integrated Management of the Protected Areas in the Plain • www.comunepersiceto.it

In 2011, fourteen municipalities in the Bologna plain and three in the Modena plain drew up an

agreement on the integrated management of their areas of natural interest. Subsequently, eleven

of these municipalities (San Giovanni in Persiceto, Anzola Emilia, Baricella, Bentivoglio, Calderara di

Reno, Crevalcore, Pieve di Cento, Sala Bolognese, San Lazzaro di Savena, San Pietro in Casale and

Sant'Agata Bolognese) decided to create an intermunicipal centre (the others were already involved

in other centres). The operational structure, based on San Giovanni in Persiceto's environmental ser-

vice, initiated a programme of coordinated activities for the public, whereas the work with schools,

on subjects such as the world of insects, pollens and archaeobotany, waste management, aquatic

The centre, which now, as well as Imola, also includes Casalfiumanese. Castel del Rio, Castel Guelfo

di Bologna, Castel San Pietro Terme, Dozza, Fontanelice, Medicina and Mordano, has expanded

the activities of the previous centre linked to the Bosco della Frattona Nature Reserve. It organises

educational programmes for schools and a "green helpdesk" for teachers in all the municipalities

involved. As well as working on biodiversity issues, the centre also organises educational courses

and activities on sustainable development, the use of resources, waste, sustainable mobility and

nutrition education. Its projects include EccoStorie: ecopratiche quotidiane sostenibili, Mettiamoci

in gioco... con energia, Il posto dove vivo è come vivo. The centre actively participates in events

such as Pulizia lungofiume Santerno, Naturalmente Imola, Fiera agricola del Santerno, Baccanale.

The centre coordinates the educational activities of the five regional parks in the Province of Bo-

logna: Abbazia di Monteveglio, Corno alle Scale, Gessi Bolognesi e Calanchi dell'Abbadessa, Laghi

Suviana e Brasimone, Monte Sole. In all these protected areas, important educational and teaching

activities have been established over the years, based on lasting working relationships with local au-

thorities, schools and residents. In the parks in the hilly areas, educational programmes for schools

have been prioritised, whereas in the protected mountain areas the activities are based on tourism,

with the visitor centres being seen as effective tools in the enhancement and promotion of the area's

attributes. The centre's personnel are in constant contact with local associations in the different

FERRARA

Municipality of Ferrara sustainability education multi-centre • www.comune.fe.it/idea

Since 1998 the centre has been a point of reference for schools and the public, acting both as an area

laboratory and as a documentation, training and research centre, with the aim of educating and en-

abling people to make positive changes to their way of living and working. As well as working with

various local authority departments, the centre also collaborates with other sustainability-oriented

subjects. It proposes activities to schools about sustainable mobility, the rational use of resources

and biodiversity conversation, using role-playing games, workshops and participatory planning.

In its communication work, the centre involves the public and schools in manifestations, events,

and campaigns on environmental issues. Finally, the centre develops actions that commit the local

Argenta, Comacchio, Mesola, Ostellato and Portomaggiore sustainability education centre

The centre, whose historic point of reference is the Valli di Argenta Museum located at the heart

of the more inland area of the Delta del Po Regional Park, now includes museum facilities and

other attractions in nearby municipalities. For a number of years the centre has been doing edu-

cational, training and communication work on issues related to the sustainable development of

the area. Over time, each of the units has developed the historical, cultural, social, environmen-

tal and economic aspects of the outstanding features of its area, emphasising the links between

traditional and current activities. The *Consumiamo il consumabile* project, for example, is a map

of sustainable consumption in the municipalities of Argenta and Mesola, highlighting businesses

authority to environmental accounting and the use of sustainability indicators.

areas and the teaching and educational activities are done mainly by external collaborators.

AREE PROTETTE DELL'EMILIA ORIENTALE

Eastern Emilia Parks Authority sustainability education centre

Imola and the "Circondario Imolese" municipalities sustainability education centre

ecosystems and sustainable farming, is done by the Centro Agricoltura Ambiente.

Sustainability education centre of excellence • www.geolab-onlus.org

Journal of Environmental Quality (http://eqa.unibo.it/).

GEOL@B Onlus

GIAPP

CEAS IMOLESE

www.enteparchi.bo.it

CENTRO IDEA - FERRARA

VALLI E FIUMI

www.vallidiargenta.org

with particular achievements in sustainable consumption.

www.comune.imola.ho.it/ceasimola





MULTICENTRO RAVENNA - AGENDA 21

Municipality of Ravenna sustainability education multi-centre • www.comune.ra.it/Aree-Tematiche/ Ambiente-Territorio-e-Mobilita/Ambiente-e-Sostenibilita/C.E.A.S.-Ravenna-Agenda-21

RAVENNA

The multi-centre is the coordination point for the municipal services involved in sustainability. Its activities include participatory projects, for either schools or the public, which aim to translate GeoL@b works at safeguarding and enhancing nature and the environment. Its members are the main sustainability themes into concrete actions (healthier eating, energy saving, traffic and mainly teachers, working to disseminate knowledge of environmental issues. Its area of activity pollution reduction, caring for green spaces etc.). The Giochi, Natura e Creatività La Lucertola is river ecology and the management of the Santerno Observatory; it also promotes "River Concentre, run together with the Fatabutega association, builds on its thirty years of research into tracts" for the watercourses of Emilia-Romagna. Annually, it promotes and organises a scientific the use of a play-related, creative approach to environmental sustainability. The NatuRA Museconference (the 2015 theme is *Environmental quality of surface and underground waters in the* um, in the Palazzone di Sant'Alberto, with its fine birdlife collection, is the point of reference for Po river basin). It also develops themes linked to biodiversity, basing its activities on the Casola knowledge of the delta ecosystem and local marshland and rural traditions; it organises tours to Valsenio Herb Garden. It creates applications for the recognition of plants and animals and local the Comacchio Lagoons and Boscoforte peninsula. Finally, the Ravenna Astronomy Observatory maps, using digital mapping systems. It edits the on-line scientific magazine *EQA International* hosts conferences, lectures and teaching workshops for schools.

BASSA ROMAGNA

Municipalities of the "Unione dei Comuni della Bassa Romagna" sustainability education centre

 http://ceas.labassaromagna.it The centre, formed by the municipalities of Lugo, Alfonsine, Bagnacavallo, Bagnara di Romagna, Conselice, Cotignola, Fusignano, Massa Lombarda and Sant'Agata sul Santerno, has three units. The house in Alfonsine where the neoclassical poet Vincenzo Monti was born specialises in naturalistic-environmental initiatives based on its proximity to the nearby Alfonsine Nature Reserve. The Ecomuseo delle Erbe Palustri di Villanova recreates traditions in dynamic ways, using marshland plants for the production of goods – or bringing back for children the old games of the past. The "Podere Pantaleone" ecological rebalancing zone, along with the "Pietro Bubani" nature area in the Cappuccine Civic Museum in Bagnacavallo, is a point of reference for environmental education and the conservation of the plain ecosystem.

ROMAGNA FAENTINA

Municipalities of the "Unione dei Comuni Romagna Faentina" sustainability education centre

The centre, run by Faenza municipal personnel and located on the site of a previous CEA centre, also serves the Brisighella, Casola Valsenio, Castel Bolognese, Riolo Terme and Solarolo union of municipalities. The activity centres mainly on the promotion of sustainable mobility with the PIEDIbus "walking bus" project for accompanying groups of schoolchildren to school along set routes often marked in different colours, to be followed, when the children get older and more autonomous, by the *BICIbus ("bike bus")* project. The *Respira Faenza e la Romagna Faentina* project, on the other hand, promotes the Faenza area as a modern "slow tourism" zone, based on the Mitteleuropean bike and train+bike model, with the upgrading of a cycle track on the banks of the river Lamone.





FORLÌ-CESENA

MAUSE - FORLÌ

Municipality of Forlì sustainability education multi-centre

 http://ambiente.comune.forli.fc.it/p/sostenibilita-ed-educazione-ambientale/ The multi-centre was formed by combining the experience of Forlì Council's environmental service with the high-quality training and educational system of the Centro Docum Its task is to support activities for teachers, students, pupils, educators and the public with awareness and education courses on waste, energy and active citizenship. The MAUSE provides training and advice to teachers and educators for school workshops aimed at developing critical thinking and creative, inquiring mindsets. Together with the CDA, it produces detailed teaching and educational material and also organises workshops about healthy living in collaboration with the Family Centre.

MULTICENTRO DI CESENA

Municipality of Cesena sustainability education multi-centre www.comune.cesena.fc.it/cesenambiente

The multi-centre aims to become the point of reference for sustainability education in the Cesena area, developing a network of collaborations with schools, research centres, associations and voluntary organisations. It concentrates its actions on the reduction of waste, new lifestyles, sustainable mobility, energy saving, biodiversity, urban ecology, health and well-being and active citizenship. Its major projects include campaigns about urban refuse collection systems, promoting the Walking Bus in schools and IO RIDUCO!, a project encouraging critical and sustainable consumption. This latter project has, in just a few years, formed a network of retailers committed to reducing environmental impacts and advocating eco-friendly technologies and products (its educational equivalent, for high schools, is *IO RIDUCO in CLASSE!*).

POLO ADRIATICO

Sustainability education centre of excellence • www.poloadriatico.it This is the new educational point of reference for researching, conserving and protecting the delicate

ecosystems of the Adriatic coast and was formed by combining a number of organisations with great experience, such as the Centro Ricerche Marine Cesenatico, CerviaAmbiente and Labter in Cervia and Cetacea in Riccione. The centre is born from the desire to spread awareness about the wealth of the area's environmental biodiversity in an integrated way, with the aim of increasing collective responsibility for the protection of the territory by involving the public, schools, tourists, fishermen, beach facility owners and hoteliers. The centre organises educational programmes (theme routes, learning tours and field studies), communication projects, seminars, public events, training and research.



www.parchiromaana.it

SCUOLA PARCHI ROMAGNA

Romagna Parks Authority sustainability education centre

The centre is the educational facility of the authority that runs the Vena del Gesso Romagnola Regional Park, the Bosco della Frattona, Bosco di Scardavilla and Onferno nature reserves and other protected areas. As suggested by its name, the centre focuses on combining the dissemination of knowledge about the naturalistic, environmental and cultural aspects of places of natural interest in Romagna with the conservation of their biodiversity and their responsible use, drawing on the experience of some of the CEAs in the previous regional network, the protected area visitor centres and other educational and museum facilities in the area. The centre operates through its various learning centres and by network-based planning, which integrates the centres in such a way as to enhance the special features of each one.

FORESTE CASENTINESI

Foreste Casentinesi, Monte Falterona and Campigna National Park sustainability education centre • www.parcoforestecasentinesi.it

The centre, based in the Santa Sofia headquarters, has a number of information and teaching facilities, especially in the part of the protected area in Romagna: the Premilcuore, San Benedetto in Alpe, Bagno di Romagna and Badia Prataglia visitor centres, the Valbonella Botanical Garden and the Idro Ecomuseo delle Acque di Ridracoli. The education projects are aimed primarily at the schools in the park area. An example is the *Un Parco per te* project, which aims to heighten the schoolchildren's sense of community identity and their understanding of the park's values. All the initiatives encouraging the use of the park – scientific research, events linked to local knowledge and traditions – have evident educational purposes.

RIMINI

VALMARECCHIA

Municipalities of the "Unione dei Comuni della Valmarecchia" sustainability education centre

The centre, formed by the municipalities of Bellaria Igea Marina, Casteldelci, Maiolo, Novafeltria, Pennabilli, Poggio-Torriana, San Leo, Sant'Agata Feltria, Santarcangelo di Romagna, Talamello and Verucchio, is the result of an agreement between the Fo.Cu.S. Foundation, representing a number of museums in the area, and the Valmarecchia Nature Observatory. The centre creates educational projects, both for schools and the public, to promote knowledge of the area, sustainability and social integration. The more noteworthy of these include Ali al Museo e Favole d'agosto (Santarcangelo Ethnographic Museum), Scoprire l'Osservatorio e Dalle colline al mare (Valmarecchia and Oasi di Montebello Nature Observatory) and Beni per tutti, a project for making the cultural heritage accessible to users with disabilities.

SASSO SIMONE E SIMONCELLO

Sasso Simone e Simoncello Inter-regional Park sustainability education centre

The park, involving 22 municipalities (7 in Emilia-Romagna and 15 in Le Marche), has been using its educational facilities to provide schools with classroom lessons, camps, advice to teachers, training and refresher courses on protected areas, biodiversity, the countryside, water and saving water, sustainable energy, climate change, waste and sustainable mobility for many years. The centre organises educational tours, workshops and other initiatives, as well as activities for adults. An example is the *Emozioni in poesia* project, which invites people to discover and explore the area through the writings of Tonino Guerra. On a number of selected itineraries, a narrator reads Guerra poems, stories and recollections of specific details of the places he loved most.

IN THE PROCESS OF ACCREDITATION

🛑 CENTRO DI EDUCAZIONE ALLA SOSTENIBILITÀ **DELL'UNIONE DEI COMUNI TRESINARO SECCHIA**

The Municipality of Scandiano, together with the other Reggio Emilia municipalities in the "Unione dei Comuni Tresinaro Secchia" (Casalgrande, Rubiera, Castellarano, Viano e Baiso), are currently setting up a CEAS in a former school in the Scandiano hills. In 2014, the "Scandiano Cammina" environment and health scheme successfully involved the other municipalities. AUS centres and sporting associations in walking tours of places of environmental, historical and cultural interest. The Giovanni Paolo II Park recovery project, on the other hand, focuses on best practices and active citizenship, with the creation of an educational garden and library in a green area. The future centre will also concentrate on issues such as the responsible use of natural resources and sustainable mobility.

MULTICENTRO PER L'EDUCAZIONE ALLA SOSTENIBILITA **DEL COMUNE DI RIMINI**

The multi-centre, whose activities link up with those of a CEA in the previous regional network, promotes educational projects with the sustainable development targets of the Rimini Venture 2027 strategic plan. These targets are linked to waste reduction education and best practices, energy containment, air quality improvement and pollutant reduction and monitoring the complete water cycle in rivers, the sea and purification processes. Its main projects include the Pedibus (safe routes from home to school), Scuola Salute Benessere and the Rimini scuola sostenibile experiment, in which children become "energy managers" of their schools.

CENTRO DI EDUCAZIONE ALLA SOSTENIBILITÀ ELL'ENTE DI GESTIONE PER I PARCHI E LA BIODIVERSITÀ DELTA DEL PO

The centre, to be based in Comacchio, will have the task of enhancing, orienting and coordinating the numerous organisations in the Delta area concerned with education and dissemination, starting from the network of park visitor centres with the addition of the Film Documentation Centre, created to recover and compile the vast heritage of environmental films of the Delta, and the Saline di Comacchio learning workshop. The common theme of the sustainability education activities will be the value of the biodiversity in the countless precious natural features of the mostly inhabited — land of the Delta (which became a UNESCO World Heritage site in 1999 and a MAB Biosphere Reserve in 2015).





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