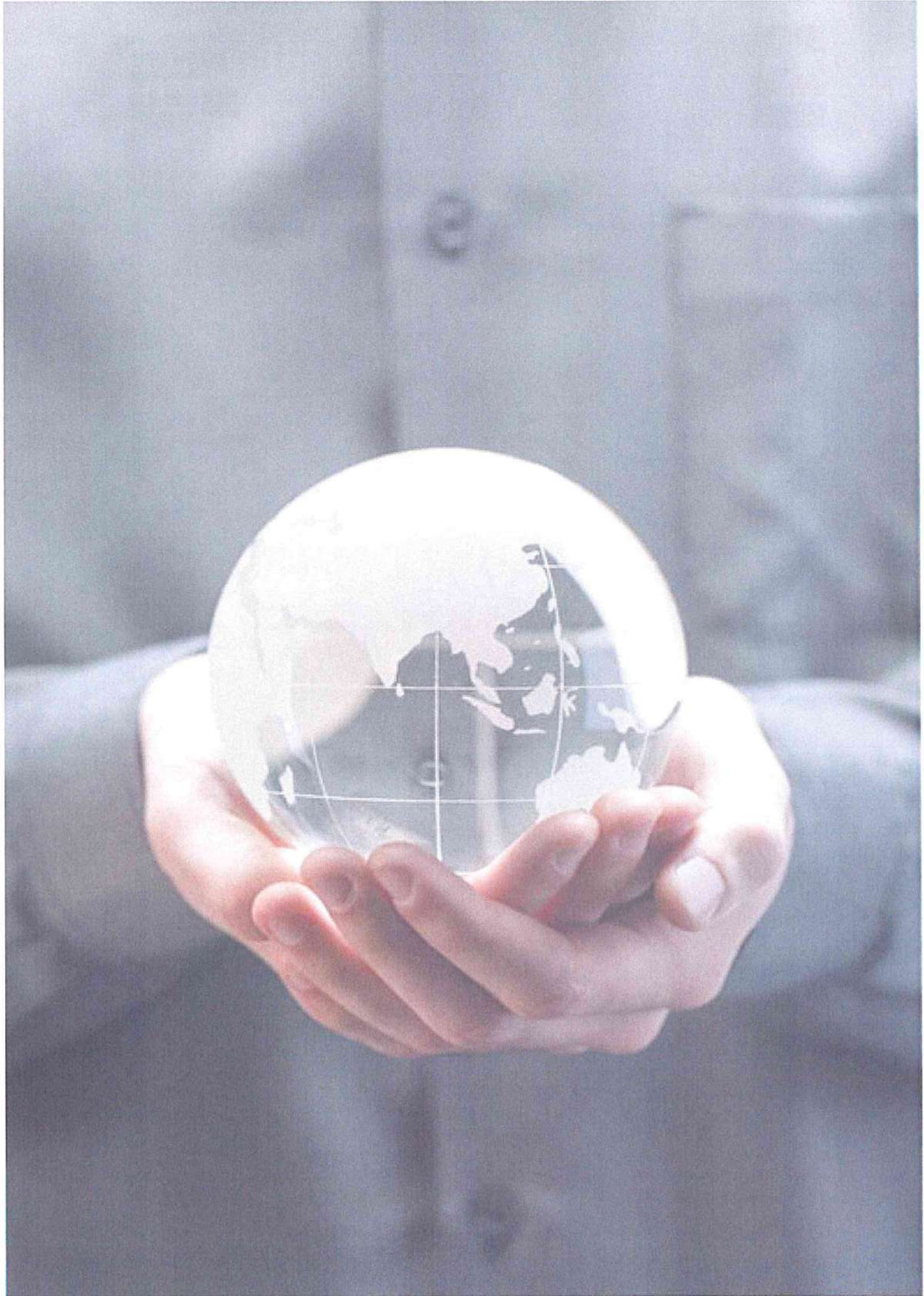




Province of Treviso Regional Action Plan

Regional Action Plan to Reduce
Carbon by Monitoring Energy Efficiency
in Public Buildings





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Part I: General information

1.1. General information



INTENSIFY: More Carbon Reduction through Intense Community Engagement

Project:	INTENSIFY: More Carbon Reduction through Intense Community Engagement
Partner organisation(s) concerned:	Province of Treviso
Country:	Italy
NUTS2 region:	Veneto
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Part II: Policy context

2.2. Introduction

The Action Plan aims to impact:

- Investment for Growth and Jobs programme**
- European Territorial Cooperation programme
- Other regional development policy instrument

Name of the policy instrument addressed:

ROP ERDF Veneto Region 2014/2020 TO4 “Energy Sustainability and Environmental Quality”.

2.3. Description of the INTENSIFY Project

The **INTENSIFY Project - More Carbon Reduction through Intense Community Engagement** - is funded under the 2014-2020 Interreg Europe Programme with an expected duration of 5 years (3 years of activity and two years of monitoring).

The objective of INTENSIFY is to reduce CO₂ emissions in all areas, promoting and strengthening the participation of local communities through ad-hoc thematic events, exchange of good practices, development of digital platforms and other community engagement mechanisms.

Another aim of the project is the improvement of regional policies on energy and climate change which, in the local context, translates into the collaboration between the Province of Treviso, partner of the project, and the Veneto Region, with reference to the Regional Operational Programme and, more specifically, to Axis 4: Energy sustainability and environmental quality - Thematic Objective 4: Support the transition to a low carbon economy in all sectors - Investment Priority C: Supporting energy efficiency, smart energy management and the use of renewable energy in public infrastructure, including public buildings, and in public housing.

2.4. Stakeholders

The local stakeholders identified by the province of Treviso are:

Veneto Region

Municipalities in the province of Treviso

EnergO Club, a non-profit association for the dissemination of good energy saving practices

ISRAA, Institute for care services for the elderly

Upper secondary schools in the province of Treviso

Lower secondary schools in the province of Treviso



2.5. Territorial Context

In Veneto, the energy demand has increased over the last decade, with industry being the most energy-intensive sector (absorbing over 51% of final electricity consumption), followed by the tertiary and domestic sectors, with 27.2% and 19.2% respectively (data source: Veneto Region).

The energy consumption to heat buildings depends both on their energy efficiency and

on the geographical and meteorological characteristics of the territory where they are located: in Veneto almost all of the municipalities fall into climate classes E and F, i.e., those with the highest energy requirements. In fact, the unique geophysical conditions of the Po Valley concentrate all emissions, even natural ones, without ever dispersing them. In

addition, Veneto is a region with a strong industrial vocation (9.4% of the national GDP is produced in Veneto (2012)) and this contributes to pollution and CO₂ production. As far as CO₂ emissions are concerned, the data about Veneto show a decrease in emissions from 2005 to 2017 of about 9.7% (data source: Veneto Region). There is a reduction in emissions from energy production (-27%, about 3,300,000 tonnes less) and non-industrial combustion (-13%, about 1,100,000 tonnes less) while there is an increase of 6% (about 600,000 tonnes more) in the transport sector. CO₂ emissions from public buildings are between 1% and 2%, while the private residential sector accounts for about 30% (source: SEAP).

The reduction of air pollution can be achieved through the joint efforts of all sectors, from construction, industry, households, and transport.

The Veneto Region promotes and incentivizes the renovation of existing buildings, favouring interventions that lead to the reduction of CO₂ emissions and bring buildings towards more efficient energy classes.

The Veneto Region, with the ROP ERDF 2014-2020 - axis 4.1.1, allocates funds for the energy efficiency of the non-residential public building stock with a view to implementing the specific objective

"Reduction of energy consumption in public, residential and non-residential buildings and facilities and integration of renewable sources" and the action "Promotion of eco-efficiency and reduction of primary energy consumption in public buildings and facilities: renovation of individual buildings or building complexes, installation of intelligent systems for remote control, regulation, management, monitoring and optimization of energy consumption (smart buildings) and pollutant emissions also through the use of technological mixes".

The proposed action is in line with the "Regional Energy Plan - Renewable Sources, Energy Saving and Energy Efficiency" (PERFER), a document containing the guidelines followed by the Veneto Region in incentivizing the promotion of energy saving and the development of renewable sources of energy with a view to implementing the EU guidelines and national energy policy within the powers conferred to the Region by the laws of the State. All the interventions carried out in a building must guarantee not only the reduction of the total primary energy consumption index of the building, but also of the pollutant emissions produced by buildings and installations. Energy efficiency can also be achieved through the integration of electrical and thermal renewable energy sources.

In the Veneto ROP ERDF, as well as in the PERFER, the Region considers only technical measures that alone do not exploit all the potential for reducing consumption (and consequently emissions); these instruments could therefore be improved by integrating them with measures that take into account both the behavioural aspects of buildings users and the use of financial measures for their management, such as integrated energy performance contracts that also take into account the behavioural component. These measures represent a great opportunity to involve not only the owners of the buildings (firstly public administrations, also in relation to the role of example and inspiration that they play for citizens) but also their managers and final

users, who are responsible for the total consumption of these buildings.

All the players involved can be part of a virtuous process aimed at optimising the use of the building with respect to its current use, thus guaranteeing further energy savings compared to the ones achieved only through technical interventions.

The Province of Treviso has always been engaged with schools and local administrations in actions aimed at preserving the environment and at ensuring a thrifty use of resources, especially if non-renewables, promoting correct energy behaviour in schools, with an impact also on the family environment, since good practices learnt at school can be adopted by students and teachers in their daily life.



Some of the activities carried out by the Province that we can mention are:

- Participation as Lead Partner in the Interreg Central Europe project TOGETHER, aimed at improving efficiency and energy saving in public buildings, through the improvement of the behaviour of building users and the promotion of energy efficiency measures.
- Participation as Lead Partner in the Interreg MED project EDUFOOTPRINT, aimed at better managing, planning and monitoring energy consumption in public buildings with an innovative approach based on the Life Cycle Assessment (LCA), considering not only the direct impacts of energy on buildings (consumption), but also indirect impacts (public procurement, increased awareness of users, behaviour, etc.).
- Dissemination, among the schools of the Province, of the “Greenschools Competition”, with the aim of promoting among students knowledge and virtuous behaviour related to renewable energy sources, rational use of energy and sustainable mobility.
- Coordination of 26 municipalities of the Province of Treviso that joined the Covenant of Mayors for the implementation of the Sustainable Energy Action Plan (SEAP), and now integrated in the Sustainable Energy and Climate Action Plan (SECAP) version.

With the INTENSIFY project the Province wants to give a further boost to the adoption of good behavioural practices by aiming to introduce in the Regional Action Plan also the behavioural and financial component, based on its own or other project partners’ experiences.



In this regard, the participation in the thematic events of the INTENSIFY project and some study visits confirmed that the involvement of people plays a major role in reducing consumption:

I thematic event, Milton Keynes – UK

Type of Event	Thematic event
Location	Milton Keynes – UK
What Learning took Place	The theme was how to influence people's energy behaviour to create a virtuous circle and facilitate energy solutions to promote CO ₂ reduction. In this UK community low environmental impact policies, alternative energy sources, electric cars and cycle paths were carried out through community involvement and local initiatives, promoting sustainable mobility and transport innovation.

II thematic event, Province of Treviso - Italy

Type of Event	Thematic event
Location	Province of Treviso - Italy
What Learning took Place	The theme was how to involve the local community to promote the reduction of CO ₂ by acting on people's awareness, using both economic parameters and parameters related to global awareness and environmental friendliness.

III thematic event, Dessau – Germany

Type of Event	Thematic event
Location	Province of Treviso - Italy
What Learning took Place	The theme was how to attract public and private funding for CO ₂ reduction through innovative instruments such as integrated energy performance contracts, purchasing and bundling groups, renewable energy investments.

IV thematic event, Vitoria Gasteiz – Spain

Type of Event	Thematic event
Location	Vitoria Gasteiz – Spain
What Learning took Place	The theme of using digital platforms to engage citizens in reducing CO ₂ emissions was explored in depth.



INTENSIFY – More Carbon Reduction through Intense Community Engagement



Starting from the experiences undertaken also by the other project partners, we want to feature in the Regional Action Plan actions that will affect the behaviour of the community to reduce CO₂ emissions into the environment.

Here follows the actions proposed for this purpose.

Part III: Regional Actions & Timeframe

3.1. Regional Action 1: Demand Side Management

Summary of the action: DSM - Demand Side Management. School users' engagement through the implementation of actions designed by students (with teachers' support) to achieve energy saving in the upper secondary schools managed by the Province of Treviso. Monitoring of the results of these actions through smart meters. Awarding of prizes, given by the Province of Treviso, to the schools achieving the best results.

Relevance to the Project The current policy instrument of the Veneto Regional Operational Programme takes into consideration only physical retrofitting of the buildings and installation of technology to achieve energy saving, but it doesn't consider the potential energy saving deriving from the behaviour of public building users.

Through Intensity we will contribute to the improvement of this policy instrument by favouring its integration with (the funding of) actions that leverage on the behaviour of public building users to obtain energy savings and CO₂ reduction (Demand Side Management). We are going to facilitate this integration through a school competition that stimulates the behavioural change of school users through concrete energy saving actions whose effectiveness is measured through a smart metering system. Thus, with the support of the Regional Authority, which will participate in the evaluation of the experimentation, we are going to develop a virtuous circle that both engages school users and reduces energy waste and CO₂ emissions, fostering

the mainstreaming of Demand Side Management for the future funding of energy efficiency in the Veneto Region.

This action considers the University College of Cork “Green Campus” good practice, which provided us with knowledge on strategies to commit and engage school users in actions for energy saving and CO₂ reduction that raise school users’ awareness and influence their behaviour.

The online study visit “Engaging with students to achieve sustainability”, organized by Cork City Council (IE) with the University College of Cork (UCC) on 30 June 2020, gave us a precious insight on how to coordinate multiple school disciplines and stakeholders within a programme of continual improvement across several environmental themes. The ensuing online import workshop with UCC, held on 25 November 2020, gave the possibility to various students and teachers of the Province of Treviso technical schools Palladio, Verdi and Barsanti to discuss and ask questions about the University’s best practice Green Campus, with a view to importing elements of this environmentally friendly strategy into the local context.



This good practice is particularly relevant within the framework of the Green Schools Competition: an initiative that the Province of Treviso has been running for eight years within the school buildings it manages and that aims at encouraging the adoption of good behavioural practices concerning CO₂ emissions and energy consumption.

In addition, it is consistent with the behavioural and analytical Demand Side Management experience that the Province of Treviso carried out in schools and institutional buildings with the project TOGETHER.

Thus, this action integrates and reinforces the low carbon strategy of the Province of Treviso.

At the thematic event “targeting stakeholders”, in Milton Keynes, (30-31 October 2018), the presentation “the power of champions and community

leaders to collaborate on climate action” by the Sustainable Energy Authority of Ireland, was useful in highlighting strategies, such as the peer effect and communication tips, to influence the behaviour of our stakeholders and encourage them to commit themselves to energy saving/CO₂ reducing actions. We are going to use these strategies to involve our school users in this action.

At the thematic event “engaging stakeholders”, in Treviso, IT, (11-12 December 2018), the LEGO lab designed and implemented to stimulate the participants’ ideas and proposals to lower the emissions and improve the quality of life of the local community, proved an effective and powerful tool to engage stakeholders. Within our action, where the health situation related to covid-19 allows it, we are going to use this and other living lab techniques with students and school users to increase their involvement in energy saving/CO₂ reducing activities.

On occasion of the study visit to Almada, PT, (25-27 September 2019), the good practice of the HERB project, “The Community and Social Housing Building Energy retrofit”, inspired us to reinforce our low carbon strategy by undertaking energy measurements in school buildings before and after the school users’ energy saving actions, to check their effectiveness and reward the best ones.

Nature of the Action

The Province of Treviso is going to engage the users of the upper secondary school buildings it manages in designing and implementing energy saving and CO₂ reducing actions. Within the framework of the initiative known as Greenschools Competition, organized by the Province of Treviso on a yearly basis, the participating schools will compete against each other to improve the energy efficiency of their buildings. The competition is based on a living lab approach, i.e., an experimental laboratory in which users and managers can co-create innovation. In fact, the Province is part of the European Network of Living Labs and is going to exploit this approach to engage its school community in the development and implementation of energy saving actions.

After the UCC Green Campus experience, the Province will try to integrate and coordinate these actions across multiple disciplines and different environmental themes. Following the UCC Green Campus and the HERB project's experiences, we will then measure the energy saved through these actions and reward the best ones.

At the beginning of the school year 2021-2022, the Province of Treviso is going to publish the announcement of the competition (which will take place between December and May) and the regulation to participate. The schools that will enrol in the competition will have to set up an energy team, made up of students and teachers, in charge of designing and performing actions aimed at reducing the energy consumption of their schools and at changing the behaviour of school users. A panel of experts from the Province of Treviso will assess the actions according to set criteria and will check the school buildings energy consumption during the months of the competition through the system of smart meters monitoring all the provincial school buildings. The recorded data will be benchmarked against a baseline considering the building energy consumption of a set period. The schools obtaining the best results in terms of energy saved will be rewarded with prizes. Throughout the competition, the energy teams will be supported by the Province that will offer guidance and training, as well as technical and organizational advice to help change the school users' behaviour. To this aim, the Province is going to organize a capacity-building workshop, according to the living lab approach, involving the schools participating in the competition and the company in charge of managing the energy of the provincial school buildings, with a view to presenting the Greenschool Competition. In addition, the Province is going to provide the schools a set of short educational videos about the topics of renewable energy technologies, public buildings users' engagement and awareness raising.

Within our action we are going to pursue the two categories Demand Side Management consists of:

- Behavioural DSM: by addressing consumer education and encouraging individual participation to achieve energy saving (B-DSM). This technique has also social and psychological implications, as users, once they have assimilated it, tend to use it outside the school context.
- Analytical DSM: by monitoring consumption through smart meters, analysing data and looking for saving opportunities (A-DSM).

Within the framework of the Greenschools Competition, energy saving, CO₂ reduction and behavioural change will be achieved through:

- the setting up of energy teams, made up of students and teachers, in charge of checking school buildings consumption, identifying energy saving solutions and sharing them with the other school users.
- the engagement of students and teachers in smart meter reading practices, to know, in real time, the electric consumptions of their school.
- the use of tools connected to the smart metering system, to give school users instant feedback about their energy behaviour: monitors positioned at the school entrance showing the daily energy performance of the building; software giving users the possibility to directly check their school consumption via PC.
- the design and implementation of specific actions aimed at the reduction of the school energy consumption and at the dissemination of sustainable behaviour among school users. Each action will be officially submitted by the schools participating in the competition. The actions will be carefully assessed by the Provincial panel on the basis of their contents and of the energy saving verified through the provincial smart metering system. The actions that will result most successful in reducing energy consumption and changing school users' behaviour will be rewarded with a prize.

The purpose of this action is to engage school users in energy saving and CO₂ reduction, thus raising their awareness about these issues and promoting the culture of sustainability. The direct involvement of public building users in the reduction of energy consumption and the exemplary role in energy efficiency of the schools participating in the competition represent some innovative aspects able to affect the policy instrument addressed. In fact, they can integrate the technological and structural elements for public buildings energy efficiency, which currently characterize the policy instrument, with the behavioural component. In addition, this model, based on a combination of analytical and behavioural Demand Side Management, can be extended to more schools, and replicated in similar contexts at regional level. The action will be completed by an evaluation focussing on the activities implemented by each participating school, the energy saved and the CO₂ reduction obtained. It will consist of a report and will be supported by the Regional Authority, which will integrate it with its remarks on the results achieved. The evaluation report will be translated into English and made available to all the partnership and at regional level. The results of the action will be spread to the other project stakeholders and to relevant subjects at regional level. To this aim, an open day will be organized by the Province of Treviso to present the positive results achieved, involving the local stakeholders and the Regional Authority. We aim at stimulating the adoption of the action based on the Greenschools Competition by other schools of the Veneto Region; in fact, the tested model could be replicable in similar contexts, also in other European Regions.

Stakeholders involved

Students and school users (i.e., teachers, administrative and technical staff, caretakers, parents, external users etc.) of the upper secondary schools managed by the Province of Treviso.

Veneto Region

Many of the users of the building stock owned and managed by the Province of Treviso (approximately 100 school buildings) will be directly or indirectly involved in the actions aimed at energy saving and CO2 reduction.

- ➡ They will design and implement the energy saving actions.
- ➡ They will be involved in the energy monitoring.
- ➡ They will give feedback of the results of their actions.
- ➡ The Veneto Region will participate in the evaluation report of the action by integrating it with its remarks on the results achieved.

Timeframe	From December 2021 to May 2022
Indicative Costs	50.000 euros
Indicative funding sources	Own resources



3.2. Regional Action 2: Digital Platform

Summary of the action: Design and implementation of a digital platform for the collection of data on consumption, costs and use of a sample of ten public buildings belonging to five municipal stakeholders. Monitoring of energy consumption and data analysis with a view to advising our municipal stakeholders about the financial instruments for energy efficiency they can benefit from to manage their building stock.

Relevance to the project to The policy instrument of the Veneto Regional Operational Programme we address (i.e., ERDF Veneto Region 2014/2020 TO4 “Energy Sustainability and Environmental Quality”) takes into consideration only physical retrofitting of the buildings and installation of technology to achieve energy saving, but it doesn’t consider the energy saving and scale economies deriving from the adoption of financial instruments to manage the public building stock.

Through Intensity we will contribute to the improvement of this policy instrument by favouring its integration with (the funding of) financial instruments such as energy performance contracts and bundling. We are going to facilitate this integration through the design and implementation of a digital platform to monitor the actual energy consumption and process the data of a sample of ten public buildings. After analysing the retrieved data, the energy experts supporting the municipal stakeholders will advise them on the financial instruments available to improve their building stock management, taking into consideration, in particular, energy performance contracts and bundling. Thus, with the support of the Regional Authority, which will participate in the evaluation of the experimentation, we are going to develop a virtuous path leading to the mainstreaming of financial instruments for the future funding of energy efficiency in the Veneto Region.

The action aims at supporting public administrations in accessing financial resources to fund the energy management of their assets. A crucial aspect to achieve this goal is the availability of basic structural and consumption data of a building, stored in digital databases so that they can be used to

participate in calls for tenders, to give feedback to building users, citizens, administrators, and external suppliers. The digital platform will be designed to respond to this need and will be integrated into a web portal open for public consultation, containing links to other projects of the Province of Treviso in the energy and environmental field.

This action took advantage of the INTENSIFY interregional learning, especially of the Thematic Event “Financial Instruments”, organized in Dessau, DE, (7-8 March 2018), where the participants had the possibility to discuss different financial models for energy efficiency. We discussed and probed the energy performance contract model, which is one of the financial instruments we are going to present to the stakeholders participating in our digital platform to manage their building stock.

On occasion of the study visit to Almada, PT, (25-27 September 2019), we had the possibility to investigate other financial instruments that are interesting for our action, such as Ponto Energia, a national platform that brings together investors, promoters and specialists interested in participating in energy efficiency projects. From our point of view, this platform is interesting in that it matches different interests and stakeholders, promoting discussion and financial opportunities, like we are going to do after analysing the data provided by our platform. Another interesting financial instrument presented during the online study visit to Almada, PT, (19 November 2020), was the Almada Less Carbon Climate Fund: a revolving fund to finance energy efficiency and renewable energy investments within the Almada’s municipal departments, which represents another financial opportunity.

For the purposes of this action, the thematic event of the INTENSIFY project in Vitoria Gasteiz, ES, (21-22 May 2019) was very useful to define the features of a digital social platform. In particular, the presentation on DSPs by the I.T. consultant Theo Fernandes suggested some key elements we are going to consider in the development of our digital platform, such as: constant

discussion with stakeholders, creation of a simple and user-friendly layout, testing of the environment and development of appropriate content.

Nature of the Action

This action will consist in developing a digital platform in which five Intensity municipal stakeholders will enter the energy consumption data concerning a sample of ten public buildings identified through a feasibility study conducted among their building stock.

The list of the municipal stakeholders and the involved buildings is as follows:

Municipality of Conegliano:

- Kennedy primary school,
- House of the Associations.

Municipality of Trevignano:

- Trevignano primary school,
- Musano primary school.

Municipality of Quinto di Treviso:

- Dante Alighieri primary school,
- Marconi gym.

Municipality of Silea:

- Silea highschool,
- Lanzago nursery school.

Municipality of Motta di Livenza:

- Motta di Livenza primary school,
- Municipal public lighting plant.

The platform will retrieve and display in a clear and complete way the following data:

- Characteristics of buildings and plants and how they are used.
- Characteristics of the public lighting of a municipality: lighting points, supply lines, primary and sectioning boards.
- Costs and consumption of utilities integrated with charts, tables, consumption indexes, etc.
- Maintenance work performed or planned.
- Plans, bills, and other useful documents.

- Other useful information, such as charging columns, speed cameras, reports to citizens and from citizens, etc.

In the initial phase, the stakeholders will be trained by the company developing the platform on how to use the software and will be supported in the data entry process. It will be possible to download in Excel or PDF format the relevant data through special filters aimed at selecting the required elements necessary for the first analysis.

The data retrieved through the platform are going to be used, in the first place, to know the margin of improvement of the energy performance of the building. In fact, the recorded energy consumption data will be benchmarked against standard consumption for similar buildings. Secondly, the consumption data will be used to plan future interventions on the buildings. Thanks to the data, it will be possible to evaluate the priority of the interventions necessary for a specific building, according to technical considerations and SECAP requirements. Thirdly, the data will be used to make the building users aware of their energy impact. In fact, the consumption data will be made available to the building employees through the platform software. In addition, the digital platform will be integrated into a web portal open for public consultation. So, it will be possible for citizens to check the consumption of the pilot buildings included in the digital platform, with a view to engaging the local community. In fact, the web portal will be linked to other energy saving initiatives and projects managed by the Province of Treviso (Greenschools competition, SECAP coordination, European projects) to raise the awareness of the local community about these issues.

The energy consumption data recorded into the digital platform will be analysed by the technical experts supporting the Province of Treviso in the development of its Regional Action Plan. According to the results of the data analysis, the experts will present each Municipality with a set of financial solutions suitable for their buildings, to better manage their building stock. In the light of the background of the Province of Treviso and of the best practices analysed in Intensity, the financial solutions will be focussed on the

energy performance contract (EPC), integrated by the behavioural component. This kind of contract, known as EPiC, is based not only on technological efficiency and on a guaranteed minimum energy saving (at the same conditions of building use existing before the intervention), but also on a further energy fee reduction deriving from the responsible energy behaviour of the building users. The added value of the EPiC is that it contributes to promoting community engagement by pushing the building users to actively participate in the building management. They can have feedback of their energy behaviour through the digital platform and replicate their energy conscious behaviour in other contexts.

Another solution that the experts will present, to achieve optimal investment value and appropriate economies of scale, is the bundling of contracts, where either the beneficiaries of energy efficiency measures are different subjects, or the same subject owns many buildings.

Bundling has the indisputable advantage of including in the tenders small-scale interventions that individually assessed are not able to guarantee an adequate return on investment, but which from the point of view of the public authority or the local community could be a priority. Bundling makes it possible to broaden the range of beneficiaries to include small and medium-sized local authorities that find it more difficult to directly approach the energy performance contract market.

These financial instruments are still little known by public administrations and are not accounted for in the policy instrument of the Vento Region that we address (i.e., ERDF Veneto Region 2014/2020 TO4 “Energy Sustainability and Environmental Quality”). Therefore, the goal of our action is that of exploiting the instrument of the digital platform to foster the identification of financial solutions to be integrated into the regional policy instrument, to favour energy efficiency in public buildings.

By improving the management of the stakeholders’ public building stock through a combination of energy data monitoring, engagement of public buildings users and adoption of financial solutions for energy efficiency, we intend to emphasize the role of guidance and example of public buildings in

pursuing virtuous goals in the energy and environmental fields, in line with the European Directives 2010/31 and 2012/27.

The action will be evaluated through an ex-ante and ex-post evaluation, to analyse its effectiveness. In particular, the ex-ante evaluation will include a benchmarking featuring the average energy consumption values for buildings in the same category as those monitored, so as to compare their energy performance against standard values. This will allow to understand whether there are margins to improve energy efficiency, and which are the priority interventions to be carried out, according to technical considerations and SECAP requirements. The ex-post evaluation will focus on the impact of the rationalization of energy data collection on the energy management of the public buildings, and on the familiarization of the involved public authorities with financial instruments to manage their building stock. It will consist in a report and will be supported by the Regional Authority, which will integrate it with its remarks on the results achieved. The evaluation report will be translated into English and made available to all the partnership and at regional level. The results of the action will be spread to the other project stakeholders and to relevant subjects at regional level. To this aim, an open day will be organized by the Province of Treviso to present the positive results achieved, involving the local stakeholders and the Regional Authority. We aim at stimulating the adoption of the action based on the digital platform by other municipalities of the Province of Treviso and of the Veneto Region; in fact, the tested model could be replicable in similar contexts, also in other European Regions.

Stakeholders involved

- ➡ **Municipality of Conegliano:** they will participate in the digital platform by feeding the data of their pilot buildings. They will use the analyses of the processed data to make decisions about further energy saving actions. They are the only known case within the Province of Treviso of a public administration that has recently started a contract for the supply of energy containing specific elements of energy performance contracts.

- ➔ **Municipality of Silea:** they will participate in the digital platform by feeding the data of their buildings. They will use the analyses of the processed data to make decisions about further energy saving actions.
- ➔ **Municipality of Quinto di Treviso:** they will participate in the digital platform by feeding the data of their buildings. They will use the analyses of the processed data to make decisions about further energy saving actions.
- ➔ **Municipality of Motta di Livenza:** they will participate in the digital platform by feeding the data of their buildings/plants. They will use the analyses of the processed data to make decisions about further energy saving actions.
- ➔ **Municipality of Trevignano:** they will participate in the digital platform by feeding the data of their buildings. They will use the analyses of the processed data to make decisions about further energy saving actions.
- ➔ **Veneto Region:** they will participate in the evaluation report of the action by integrating it with their remarks on the results achieved.

Timeframe	From December 2021 to May 2023
Indicative costs	20.000 euros
Indicative funding sources	Own resources

We hereby undersign the Regional Action Plan of the Province of Treviso and commit ourselves to the implementation of its actions.

Name and Function: Stefano Marcon
President of the Province of Treviso
Date: 02 NOV. 2021
Signature: 



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