

Action Plan for Lombardy Region green purchases

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Abstract

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Premise

Objective of the document and definition of Green Public Procurement

In the light of recent events related to the global pandemic of Covid 19, which is forcing our country to live in a critical situation whose outcomes are currently unpredictable, the Lombardia Action Plan, while maintaining its own structure unchanged, in the coming months may undergo adjustments and changes especially in the timing of implementation of activities and in the availability of resources.

In particular, it should be noted at this early stage that activities n. 4 (application of environmental criteria in regional and local planning and tools) and n.5 (communication and awareness raising towards citizens) are ongoing, while other actions will be delayed by at least 6 months.

According to the definition recognized by the European Union in the context of Communication COM (2008) 400) "Public procurement for a better environment", Green Public Procurement (GPP) is "a process by which public administrations try to obtain goods, services and works with a reduced environmental impact for the entire life cycle".

The Lombardy Region, acquiring its own Regional Action Plan for green purchases, formally integrates into its own conduct the national legislation with the entry into force of the Procurement Code (Legislative Decree No. 50 of April 18, 2016 and Legislative Decree April 19, 2017, No. 56) and continues its almost pioneering path in Italy, committing itself to promoting an approach to product policy that considers the overall effects of consumption, with attention to the entire life cycle. It is now well known that the pursuit of environmental objectives also involves the promotion of a more sustainable market development.

In particular, thanks to the Action Plan, the Lombardy Region intends to draw a roadmap aimed at Public Administrations, but also at companies and stakeholders, which sees the Regional Authority and its subsidiaries involved in the front line in the dissemination of an idea (a culture) of sustainable consumption. The Green Public Procurement recognizes the role of engine and driving force in the diffusion of environmental technologies and in the development of environmentally valid products, through research and the choice of results and solutions that have the least possible impact on the environment.

1. Reference framework on Green Public Procurement

1.1 European-level strategies, regulations and tools

The state of the art: legislation and community guidelines

Since the mid-1990s, the European Commission has begun a path of gradual recognition, also at a regulatory and normative level, of the existence of a close link between public procurement and environmental protection: in fact, COM in 1998 (98) 143 "Public procurement in the European Union" which, in Article 26, indicates the ways in which procurement policies can establish synergies with other European policies. A few years later, Directive 2004/18 /EC on the "coordination of procedures for the award of public supply, service and works contracts" which also recognizes the possibility of including environmental considerations among the criteria evaluation of offers in public procurement award processes. A key moment in this sense is represented by the Communication COM (2008) 400 "Public procurement for a better environment" which first sees the commitment of the European Union focused on providing useful guidelines for reducing the environmental impact of public sector consumption leveraging sustainable purchases, now officially recognized as a real tool to stimulate innovation in technologies, products and environmental services. With this communication, the Union has also indicated the objective of 50% of green calls by 2010, a goal that has nevertheless been rejected.

The main steps taken by the EU on the subject of green purchases are summarized below.

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| Action Plan for Consuming Sustainable Production and Sustainable Industrial Policy "(COM / 2008/397) | European strategy that identifies GPP as the main tool for sustainable consumption and production. This is an integrated package containing the communication on the GPP "Public procurement for a better environment" COM 2008/400, the revision of the EMAS and Ecolabel regulations and the proposed extension of the directive on the ecological design of products. |
| Public procurement for a better environment (COM (2008) 400) | It provides guidelines on ways to reduce the environmental impact caused by public sector consumption and use green public procurement to stimulate innovation in environmental technologies, products and services. |
| Commission staff working document accompanying document COM (2008) 400 (SEC (2008) 2126) | It provides public administrations with useful guidance on how to define and verify environmental criteria, tools to encourage GPP, as well as examples of a series of product groups. It also offers legal and operational guidelines. |
| Europe 2020: a strategy for smart, sustainable and inclusive growth (COM (2010) 2020) | EU strategy that sets specific goals to be achieved by 2020. Green public procurement is mentioned as one of the measures aimed at achieving the goal of sustainable growth and in the Innovation Union initiatives, a Europe that is efficient in the use of resources and Energy 2020. |
| Directive 2014/23 / EU on the awarding of concession contracts | Directive on concessions (applicable to the public sector and to the sector of public utility services) |
| Directive 2014/24 / EU on public procurement and repealing directive 2004/18 / EC | Directive on public procurement |
| Directive 2014/25 / EU on procurement procedures for utilities in the water, energy, transport and postal services sectors and repealing Directive 2004/17 / EC | Directive on procurement of municipal enterprises |

Source: Reassessment from "Buy Green!" Manual on Green Public Procurement 3rd Edition (http://ec.europa.eu/environment/gpp/pdf/handbook_2016_en.pdf).

Beyond the commitments required of the Member States of the Union, the relevance of the topic is globally recognized: in 2012, on the occasion of the World Summit on Sustainable Development, the "ten-year framework of programs on sustainable consumption and production models was adopted¹", a global framework of collaboration and capacity building for the transition towards sustainable production and consumption models, in industrialized countries as well as in developing countries.

Along the same lines, the 2030 Agenda for Sustainable Development has recognized the primary importance of the goal of making sustainable consumption and production methods, pursued by goal 12 and in particular by the 12.6 targets - Encouraging companies, especially large multinational companies, to adopt sustainable practices and integrate sustainability information into their annual reports and 12.7 - Promote sustainable practices in public procurement, in accordance with national policies and priorities.

The EU toolkit: the environmental criteria defined by the European Commission

Starting from the indications contained in COM (2008) 400, the European Commission has started a continuous process of defining environmental criteria useful for identifying and describing the sustainability characteristics of goods and services that can be purchased by a Public Administration. These criteria, together with both regulatory / legal and operational guidelines and information, are valid for all member countries and constitute the so-called "toolkit" which can be consulted online from the EU portal².

Since 2008, the Commission has developed numerous product data sheets, periodically updated for the following categories of goods and services:

- ✓ office paper
- ✓ combined heat and power (cogeneration)
- ✓ cleaning products and services
- ✓ office computer equipment
- ✓ electrical and electronic equipment used in the health sector
- ✓ image reproduction equipment
- ✓ indoor lighting
- ✓ street lighting and traffic lights
- ✓ divider panels
- ✓ building
- ✓ products and services for garden
- ✓ textiles
- ✓ water heating
- ✓ sanitary taps
- ✓ furniture electricity
- ✓ food and catering services
- ✓ textile products
- ✓ transport
- ✓ waste water infrastructure
- ✓ design, construction and management of office buildings

¹ 10-Year Framework of Programmes on Sustainable Consumption and Production (10YFP), United Nations Conference on Sustainable Development (Rio+20), June 2012

² https://ec.europa.eu/environment/gpp/toolkit_en.htm

The new challenges

With the Lisbon European Council in March 2000, the EU set itself the goal of promoting "the most competitive and dynamic knowledge-based economy in the world, capable of achieving sustainable economic growth with new and better jobs and greater social cohesion, respecting the environment"³. This is also the direction of the Environmental Technology Action Plan (ETAP), whose objective is to increase the competitiveness of the European system by acting on the lever of eco-innovation and confirming the important role of GPP.

This is also the direction of the Europe 2020 Strategy, which promotes smart, sustainable and inclusive growth, and confirms the growing commitment to corporate social responsibility. In this context, public procurement plays a significant role, as it can represent, through policies focused on demand, a lever to improve the contextual conditions that favor innovation in companies, improving the business climate, especially for innovative SMEs.

The issues raised by the Europe 2020 Strategy find sensitivity in the global context and are resumed and re-launched, as already mentioned, also by the 17 Objectives identified by the UN Global Agenda 2030 for sustainable development.

Alongside environmental issues, the idea that GPP can also convey issues related to ethics and social equity is gaining ground. The Sustainable Public Procurement today represents a natural evolution of Green Public Procurement: it takes the form of public procurement policies that include, at all stages of the process, environmental aspects, including social and ethical aspects such as the recognition of a just salary and the lack of recourse to child labor, but also aspects related to the safety of workers and healthiness of work environments.

In the growing attention to the issues of the circular economy, today we speak about circular public tenders or about the *"process by which public authorities purchase works, goods or services that seek to contribute to closed cycles of energy and materials in supply chains, while reducing to the minimum, and at best, avoiding, the negative environmental impacts and the creation of waste throughout the entire life cycle of such works, goods or services"*⁴.

The Public Administrations therefore play a fundamental role also in the transition to a circular economy.

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| European 2020 strategy. A strategy for smart, sustainable and inclusive growth (COM / 2010/2020) | Proposes a project for the European social market economy, based on three priority objectives (smart growth, sustainable growth, inclusive growth) |
| Towards a circular economy: program for a zero-waste Europe (COM / 2014/398) | Identify measures that aim to reduce waste production and promote a more general transition to a circular economy |
| The missing link - Action Plan of the European Union for the circular economy (COM / 2015/0614) | Identifies green public procurement as a fundamental component of the circular economy, the need to take into account aspects such as durability and reparability in the criteria for GPP and for the Commission to favor the implementation of GPP |

Source: Reassessment from "Buy Green!" Manual on Green Public Procurement 3rd Edition (http://ec.europa.eu/environment/gpp/pdf/handbook_2016_en.pdf).

³ Communication to the Spring European Council COM / 2005 / 0024- Working together for growth and employment - The relaunch of the Lisbon strategy - Communication from President Barroso in agreement with Vice-President Verheugen

⁴ From "Public procurement for a circular economy. Good practices and guidelines ".

1.2 The national planning and regulatory context

The Action Plan for the environmental sustainability of consumption by the Public Administration (PAN GPP)

With the Action Plan for the environmental sustainability of consumption in the Public Administration sector (in short PAN GPP), adopted by Interministerial Decree of 11th April 2008 and updated with Ministerial Decree 10th April 2013⁵, a framework was outlined at national level overall reference useful to implement the adoption of green purchasing practices, both from a technical / operational and methodological point of view.

In fact, the Plan sets the goal of spreading the application of GPP to public bodies as much as possible, favoring the conditions necessary to maximize their potential in terms of environmental, economic and industrial improvement.

In particular, the National Plan identifies specific environmental objectives related to the widespread application of the GPP, which can be pursued by identifying targeted sustainability characteristics (the so-called Minimum Environmental Criteria) that must be sought in goods and services purchased by Public Administrations.

These objectives are:

- ✓ efficiency and savings in the use of resources, in particular energy, and consequent reduction of CO2 emissions (through the increase in public demand for high energy efficiency products and technologies and the conversion of current buildings into sustainable construction);
- ✓ reduction of the use of dangerous substances (thanks to supplies whose life cycle is characterized by the absence or the minor possible quantities of these substances);
- ✓ quantitative reduction of the waste produced (through the rationalization of the purchases themselves, the purchase and dissemination of products with a longer lifespan, easily reusable, containing recycled, disassembled, recyclable materials with a reduced volume of waste products).

The Plan therefore identifies the categories of goods, services and significant works, for the environmental impacts and the volumes of expenditure, on which to define the Minimum Environmental Criteria (CAM), regulated by specific decrees issued by the MATTM.

To date, CAMs have been adopted for the following 17 categories of supplies and assignments:

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| FURNITURE FOR INTERIORS Supply and rental service for interior furnishings | Ministerial Decree 11 January 2017 G.U. n. 23 of 28 January 2017 Corrective decree: Ministerial Decree 3 July 2019 Official Gazette n. 167 of 18 July 2019 |
| URBAN FURNITURE Purchase of items for street furniture | Ministerial Decree 5 February 2015 Official Gazette n. 50 of 2 March 2015 |
| ASSISTIVE PRODUCTS FOR INCONTINENCE Supplies of incontinence aids | Ministerial Decree 24 December 2015 Official Gazette n. 16 of 21 January 2016 |
| WORK SHOES AND LEATHER ACCESSORIES Supplies of non-PPE and PPE work footwear, leather items and accessories | Ministerial Decree May 17, 2018 Official Gazette n. 125 of 31 May 2018 |
| PAPER Purchase of copy paper and graphic paper | Ministerial Decree 4 April 2013 Official Gazette n. 102 of 3 May 2013 |
| CARTRIDGES FOR PRINTERS Supplies of toner and inkjet cartridges and entrusting of the integrated collection and supply service for toner and inkjet cartridges | Ministerial Decree 17 October 2019 |
| PRINTERS Entrustment of the managed printing service, assignment of the rental service of printers and multifunctional office equipment and purchase or leasing of printers and multifunctional office equipment | Ministerial Decree 17 October 2019 |
| OFFICE COMPUTER EQUIPMENT Supply of electrical and electronic office equipment (laptops, desktop PCs, printers, photocopiers, PUBLIC multi-function equipment, for the office) | Ministerial Decree December 13, 2013 Official Gazette n. 13 of 17 January 2014 |
| BUILDING | Ministerial Decree 11 October 2017 |

⁵ Published in the Official Journal n. 102 of 3 May 2013

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|---|---|
| Assignment of design services and works for the new construction, renovation and maintenance of public buildings | Official Gazette S.G. n. 259 of 6 November 2017 |
| LIGHTING (supply and design) Acquisition of light sources for public lighting, acquisition of equipment for public lighting, awarding of the public lighting system design service | Ministerial Decree 27 September 2017 Official Gazette n. 244 of 18 October 2017 |
| PUBLIC LIGHTING (service) Public lighting service | Ministerial Decree 28 March 2018 Official Gazette n. 98 of 28 April 2018 |
| LIGHTING, HEATING / COOLING FOR BUILDINGS Awarding of energy services for buildings, lighting and motive power, heating / cooling service | Ministerial Decree 7 March 2012 Official Gazette n. 74 of 28 March 2012 |
| CLEANING FOR BUILDINGS Awarding the cleaning service and for the supply of hygiene products | Ministerial Decree 24 May 2012 Official Gazette n. 142 of 20 June 2012 |
| URBAN WASTE Awarding of urban waste management service | Ministerial Decree 13 February 2014 Official Gazette n. 58 of 11 March 2014 |
| COLLECTIVE RESTAURANT Collective catering service and supply of foodstuffs | Ministerial Decree n. 65 of 10 March 2020 Official Gazette n. 90 of 4 April 2020 |
| SANITATION OF SANITARY STRUCTURE Awarding of the sanitation service for health facilities and for the supply of detergent products | Ministerial Decree of 18 October 2016 Official Gazette n. 262 of 9 November 2016 |
| TEXTILES Supply of textile products | Ministerial Decree 11 January 2017 Official Gazette n. 23 of 28 January 2017 |
| VEHICLES Acquisition of vehicles used for road transport | Ministerial Decree 8 May 2012 Official Gazette n. 129 of 5 June 2012 |
| PUBLIC GREEN Awarding of the public green management service, purchase of soil improvers, ornamental plants, irrigation systems | Ministerial Decree n. 65 of 10 March 2020 Official Gazette n. 90 of 4 April 2020 |

Source: Ministry of the Environment and Land and Sea Protection

In addition to the listed categories, CAMs are currently being defined for the following additional categories of goods, services and works:

- ✓ Design services and works for the new construction and maintenance of roads
- ✓ Laundry service
- ✓ Sustainable events

A section of the Plan is dedicated to the indications and prescriptions addressed to public bodies. From a methodological point of view, institutions are required to carry out a preliminary analysis of their needs with the primary objective of rationalizing consumption and encouraging decoupling (the dissociation between economic development and environmental degradation); from the analysis they must therefore derive specific objectives, in line with those identified for the national level, the actions and the subjects put in place to reach them.

The Regions, in particular, are invited to include the GPP in the regional and sectoral legislation and to evaluate:

- ✓ the possibility of conveying economic incentives provided for by current legislation to support green tenders;
- ✓ the introduction of environmental criteria in the process of rationalizing the acquisition of goods, services and works in its administration in the context of the "Network System"⁶ between Consip and the regional Purchase Centers;
- ✓ the orientation of the procurement process of goods, services and works of local authorities towards environmental sustainability criteria.

⁶ Art. Ref. 1 paragraph 457 of Law no. 296 of 2006 (2007 Budget Law)

The regulatory framework of reference

In line with the objectives set by the National Action Plan, the application of GPP has acquired a growing level of cogency over the years. With the enactment of the "Environmental Connection" to the ⁷ Stability Law, the obligation to respect the CAM was introduced with reference to specific categories of goods and services for which minimum supply quotas have been identified that must comply with the CAMs. Subsequently, thanks to Legislative Decree 50/2016 "New Public Procurement and Concessions Code" and to the changes introduced by corrective Legislative Decree 56/2017, the obligation to apply the CAM has been extended to all public procurement contracts Administration. In particular, it is the art. 34 of Legislative Decree 50/2016, as amended by art. 23 of the aforementioned corrective decree, which prescribes the obligation for contracting stations to contribute to the achievement of the environmental objectives set by the Action Plan for environmental sustainability of consumption in the P.A. (PAN GPP) through the inclusion, in the tender documentation, at least of the technical specifications and contractual clauses contained in the minimum environmental criteria.

Recently, the D.L. 32/2019 "Unblock shipyards" has introduced some exceptions to the Procurement Code, which also affects the issue of green purchases. In general, the Code provides for the obligation to apply the basic criteria of the CAM regardless of the amount of the assignment - therefore without distinction between direct assignments for "below threshold" amounts and public tenders - and whatever the criteria for custody - without distinguishing between the criterion of the lowest price and that of the most economically advantageous offer. The cogency of the CAMs is therefore substantially unchanged also following the introduction of the Legislative Decree, which raises the threshold of the value of the contracts that can be subject to direct assignment. However, the exceptions introduced by Legislative Decree 32/2019, for the combined provisions of articles 34 and 36 of Legislative Decree 50/2016, affect instead the application of the rewarding criteria contained in the CAM: in fact, they contribute to the definition of the criterion of the offer economically more advantageous (art. 34) which, however, for contracts below the threshold is, due to the exceptions introduced by the "unblock sites" decree, always alternative to the "lower price" criterion (art. 36).

2. Green Public Procurement in the Lombardy regional context

The current Covid emergency requires a general revision of the legislative priorities, in order to reorient the action of the Lombardy Region to support the recovery, which will have to take into account the European and national context currently being defined.

The revision process is being set up, at the moment the offices of the Executive are working to formulate the first hypotheses on objectives, contents and implementation times. The idea is to proceed as soon as possible with a substantial update of the Regional Development Plan, to then arrive to a complete rewrite with subsequent steps.

The Regional Development Program currently in force (presented by the Board on 29 May 2018, with DGR XI / 154 and approved by the Regional Council on 10 July 2018 with DCR XI / 64) declines five strategic priorities to characterize the administrative action transversely, identifying sustainability as a "distinctive element of administrative action and as an opportunity to improve the quality of life of the Lombards, reconciling the needs for productive growth and involving all the players in the area: from businesses, to citizens, from schools to public administrations".

However, the results of the first reflections on the PRS show that environmental sustainability will continue to play a fundamental role also in the new context of objectives and actions that the Lombardy Region will put in place to strongly support the recovery. Therefore - although the scenario is in full evolution - the

⁷ Law of 28 December 2015, n. 221, containing "Environmental provisions to promote green economy measures and to contain the excessive use of natural resources"

promotion of Green Public Procurement fits in coherently with the strategic framework of regional policies. In fact, the possibility of reducing public administration management costs (energy efficiency of buildings, smart work increase, ...), in addition to reducing the pressure on the environment, will free up resources that can be dedicated to recovery.

The GPP Action Plan acts as one of the tools to exercise a role of orientation towards sustainable production and consumption and at the same time encourage a gradual transition to a low carbon economy, following the provisions of the national standard, promoting a correct application of the Minimum Environmental Criteria and at the same time providing training and accompaniment actions for local authorities.

The theme of the promotion of GPP also arises in the context of the reference areas highlighted by the **Lombard Protocol for sustainable development**, signed on 18 September 2019 by the Lombardy Region and by the top 53 subscribers, between Local Authorities and Representatives of the Lombard society, with the 'common goal to promote, in public and private decision-making processes, the application of the principle of sustainable development and to activate policies centred on issues ranging from the conservation of biodiversity and ecosystem services to the circular economy, from the energy transition to the development of renewable sources for the development of sustainable mobility.

The Lombard Protocol also contributes to the implementation of the 2030 Agenda for Sustainable Development, approved by the United Nations in 2015 and also signed by Italy, envisaging a commitment by the Lombardy Region in the construction of the Regional Strategy for Sustainable Development by 2020, by develop and implement with the help of institutions and organizations operating in the regional territory, where the Action Plan for green procurement can be a useful implementation tool.

In this context, the Lombardy Report 2018, the analytical tool to support the decisions of the decision makers, with reference to the 17 Goals of the UN Agenda 2030, which allows to read Lombardy through sustainable development, analyses, in the Goal 12 "Guaranteeing models sustainable production and consumption ", some data on local authorities, drawn up by ARPA Lombardia⁸, highlighting that, in 2016, 260 municipalities⁹ adopted best practices related to GPP and, of these, 137 purchased goods and services with reduced environmental impact for 379 different types of products purchased.

According to the Report "SDGs 2019. Statistical information for the 2030 Agenda in Italy" (ISTAT, 2019) in 2015 the percentage of Public Administrations that carried out green purchasing procedures varies according to the type of good / service, registering higher levels for stationery (almost 50%), electrical / electronic equipment (41%), energy services (35%), cleaning services and products (33%) and urban waste management (28%). The adoption of CAMs for the procurement of textile products, means of transport (below 10%), building materials and furnishings (respectively 12 and 13%), urban services and the territory (17%) and catering (22%). Overall, GPP procedures are most frequently adopted in Trentino Alto-Adige, particularly in the Autonomous Province of Bolzano, in Calabria, Campania, Emilia-Romagna, Liguria, less frequently in the Aosta Valley and Sicily. Lombardy stands at values very close to the average Italian value.

⁸ Urban Waste Report 2016, available at the following link:

<http://www.arpalombardia.it/siti/arpalombardia/imprese/rifiuti/osservatorio/Pagine/Dati-rifiuti-urbani.aspx>

⁹ Out of a total of 1517 municipalities in the Lombardy Region

| | Apparecchiature elettriche/elettroniche (a) | Arredi (b) | Cancel-leria (c) | Servizi/prodotti per la pulizia degli edifici (d) | Servizi energetici (e) | Materiali edili (f) | Prodotti tessili (g) | Servizi urbani e al territorio (g) | Ristorazione (h) | Trasporti (i) | Gestione dei rifiuti urbani |
|---|---|-------------|------------------|---|------------------------|---------------------|----------------------|------------------------------------|------------------|---------------|-----------------------------|
| Italia | 40,7 | 12,8 | 48,5 | 32,9 | 35,2 | 11,6 | 3,9 | 16,6 | 21,5 | 7,2 | 28,4 |
| Piemonte | 36,9 | 8,1 | 46,1 | 30,7 | 33,8 | 9,5 | 2,4 | 15,1 | 18,3 | 5,2 | 24,4 |
| Valle d'Aosta / Vallée d'Aoste | 34,5 | 6,9 | 41,4 | 29,3 | 31,9 | 6,0 | 2,4 | 17,2 | 16,4 | 3,4 | 8,6 |
| Liguria | 44,3 | 13,2 | 58,0 | 34,8 | 39,8 | 12,1 | 4,5 | 15,0 | 22,2 | 8,2 | 34,6 |
| Lombardia | 36,2 | 9,9 | 44,8 | 29,6 | 33,4 | 8,8 | 2,9 | 16,4 | 24,0 | 6,3 | 31,5 |
| Trentino-Alto Adige/Südtirol | 49,3 | 13,0 | 57,2 | 48,4 | 43,1 | 17,9 | 8,7 | 27,1 | 32,1 | 4,5 | 31,4 |
| <i>Provincia Autonoma Bolzano/Bozen</i> | 56,6 | 18,5 | 56,6 | 55,6 | 35,1 | 26,8 | 13,2 | 31,2 | 48,3 | 6,3 | 48,3 |
| <i>Provincia Autonoma Trento</i> | 45,0 | 9,7 | 57,6 | 44,1 | 47,9 | 12,6 | 6,0 | 24,6 | 22,6 | 3,4 | 21,5 |
| Veneto | 43,1 | 11,8 | 50,7 | 33,3 | 40,2 | 11,5 | 5,6 | 17,1 | 22,2 | 9,0 | 24,8 |
| Friuli-Venezia Giulia | 36,6 | 11,7 | 44,6 | 27,4 | 34,2 | 12,0 | 4,4 | 14,6 | 21,7 | 8,6 | 24,0 |
| Emilia-Romagna | 47,4 | 17,5 | 53,8 | 36,7 | 37,0 | 9,1 | 6,6 | 14,9 | 28,9 | 10,7 | 26,2 |
| Toscana | 46,5 | 15,6 | 50,8 | 29,1 | 34,9 | 12,6 | 5,3 | 19,1 | 24,4 | 9,3 | 23,1 |
| Umbria | 40,0 | 11,4 | 48,6 | 29,1 | 36,6 | 13,7 | 4,6 | 17,1 | 22,9 | 5,7 | 23,4 |
| Marche | 35,8 | 11,8 | 44,5 | 33,3 | 28,8 | 11,8 | 4,3 | 16,0 | 22,0 | 5,3 | 23,0 |
| Lazio | 44,6 | 19,0 | 51,3 | 37,0 | 37,9 | 12,4 | 5,1 | 14,7 | 18,1 | 9,4 | 31,3 |
| Abruzzo | 39,5 | 10,0 | 49,4 | 36,8 | 35,7 | 15,5 | 3,1 | 20,2 | 21,7 | 7,1 | 29,5 |
| Molise | 27,0 | 6,0 | 36,3 | 23,3 | 29,8 | 7,9 | 1,9 | 13,5 | 14,9 | 3,3 | 29,3 |
| Campania | 45,8 | 19,3 | 52,0 | 34,2 | 38,2 | 13,9 | 3,9 | 16,5 | 21,8 | 8,0 | 35,8 |
| Puglia | 44,9 | 18,2 | 48,9 | 29,7 | 33,3 | 12,6 | 3,0 | 19,4 | 19,0 | 8,6 | 29,5 |
| Basilicata | 40,3 | 13,3 | 47,4 | 37,4 | 35,5 | 9,5 | 1,9 | 16,1 | 20,9 | 8,1 | 28,9 |
| Calabria | 45,9 | 13,9 | 54,1 | 39,6 | 35,8 | 15,7 | 2,4 | 15,7 | 20,1 | 10,7 | 40,1 |
| Sicilia | 35,9 | 13,8 | 40,4 | 31,6 | 26,7 | 11,6 | 2,8 | 12,1 | 14,7 | 5,7 | 21,4 |
| Sardegna | 39,0 | 11,6 | 48,9 | 29,5 | 35,9 | 12,8 | 2,8 | 17,1 | 17,4 | 6,0 | 29,0 |

(a) Stampanti, pc, fotocopiatrici, cartucce e toner. (b) Mobili per ufficio. (c) Carta. (d) Materiali per l'igiene, detersivi, detergenti. (e) Illuminazione e condizionamento degli edifici, illuminazione pubblica. (f) Serramenti. (g) Ammendanti, verde pubblico, articoli per arredo urbano. (h) Servizio mense, forniture alimentari. (i) Acquisizione di autoveicoli, autobus e veicoli commerciali leggeri.

Public institutions that purchase goods and / or services by adopting minimum environmental criteria (CAM), in at least one purchase procedure (Green purchases or Green Public Procurement), by product type and region. ISTAT Year 2015 (%) As for the business world, a recent draft by the Milan Chamber of Commerce of Monza Brianza Lodi (data on Business Register 2018, 2017 and 2012)¹⁰ shows an increase in companies in the green sector: in fact, there are around 55 thousand companies in the green sectors in Italy, (+ 23% in five years, + 3.7% in one year), with a turnover of 200 billion and 446 thousand employees. In Lombardy there are 10,000 companies involved, for a turnover of 50 billion and more than 84 thousand employees; 4 thousand businesses gravitate in the Milan area, over a thousand in Brescia and Bergamo; followed by Varese and Monza. The sector is driven by young companies: in Lombardy there are 650, out of 1,200 throughout Italy, the companies in the sector guided by under 35, with 1,200 employees out of 8,000 employed throughout Italy. The growth in five years is 2% over those driven by young people compared to + 20% in the entire green sector.

2.1 Reference standards, plans and programs

Already with the L.R. 24/2006, art. 5 comm. 3, Lombardy Region has given indications to promote "also through joint actions with functional autonomies and other interested parties, agreements and initiatives with local authorities regarding [...] green procurement programs and pilot projects to introduce ecological criteria in public works contracts, supplies and services [...]."

The commitment was renewed with the Resolution of the Regional Council n. X / 1051 of 5/5/2016 "Motion on green public procurement initiatives and the promotion of eco-sustainable businesses in Lombardy, also following the approval of the new procurement code (Legislative Decree 50/2016)". The act envisages that

¹⁰ Camera di Commercio MI-MB-LO, contributo nell'ambito della mostra Smart City: People, Technology & Materials, 2018

the Regional Council field actions and economic resources to favor the full application of the new provisions on green purchases.

The Lombardy Region has also adopted legislation aimed at boosting technological innovation, placing itself in the role of "intelligent customer" and "co-innovator", capable of influencing the research and development plans of companies in order to orient them towards the satisfaction of the real public interest: with the LR 29 of 23 November 2016, the Lombardy Region has in fact introduced a minimum spending ceiling, not less than 3%, of resources allocated annually for the purchase of goods, services and works from the Region and from the regional system, to be allocated for the purchase of solutions innovative and research products, including through pre-commercial procurement and green procurement. In particular, the pre-commercial public procurement (PCP) is a European-derived institute aimed at promoting technological innovation through the "non-exclusive" purchase of applied research and experimental development services. The approach involves the sharing of risks and benefits to market conditions between the public purchaser and the subjects awarded the contract, by virtue of which different companies are called upon to develop, in a parallel and concurrent way, innovative solutions - therefore not yet present on the market - suitable for meeting the needs and challenges posed by the public sector ¹¹.

The GPP4Growth Project, started in 2017 and lasting five years, aims to improve the capacity of Public Entities to implement policies that promote eco-innovation and green growth through green public procurement, involving a partnership of nine European Public Bodies of Greece, Italy, Poland, Belgium, Spain, Latvia, Bulgaria, Ireland and Malta committed to sharing experience and good practices.

The project takes its cue from an initial consideration: 14% of total EU GDP is consumed by public bodies for public expenditure on goods, services and works with a total estimated value of 1.8 trillion euros per year. This substantial "purchasing power" can be used to stimulate eco-innovation, resource efficiency and green growth, promoting goods and services that respect the environment and resources. The GPP4Growth project therefore intends to improve the implementation and use of GPP in each partner country, through the exchange of experiences, the harmonization of processes and the analysis of technical and scientific assessment tools. Therefore, thanks to the project, the aim is to:

- reduce the environmental and social impact of goods, services and works acquired by the Public Administration
- select the best performing and innovative suppliers
- promote environmental innovation of products and processes (ecological conversion), increasing the competitiveness of Lombard companies
- rationalizing purchasing processes and saving costs throughout the life cycle.

The role of the Lombardy Region in the project is to carry out an online survey addressed to European stakeholders. In particular with the action A1.1 "Specifying the needs of GPP4Growth regions in GPP" the recognition of the state of implementation of the GPP in the partner countries has been started. This survey, through the collection of the needs, the critical issues, the points for discussion and improvement and the identification of strategic intervention axes by the experts, has made it possible to identify the priority areas on which to concentrate efforts and resources. It is also organizing opportunities for discussion, sharing and information, such as the 2018 Infoday on public green tenders in the Lombardy Region and the implementation of the Action Plan for the implementation of GPP. In particular, the Lombardy Region's Action Plan for Green Procurement will be the flagship product of the project and intends to represent the reference framework for all contracting stations in Lombardy to integrate the fundamentals of GPP in their procurement procedures.

¹¹ Source Regione Lombardia

<https://www.regione.lombardia.it/wps/portal/istituzionale/HP/DettaglioRedazionale/servizi-e-informazioni/imprese/ricerca-e-innovazione-per-le-imprese/appalti-pre-commerciali>

The Region also participates in the GPP4GROWTH Project, approved in the framework of the European INTERREG EUROPE 2014/2020 program, whose objective is to promote and increase green purchases in Lombardy through the exchange of experiences, process harmonization and analysis of technical-scientific assessment tools.

As part of community planning, GPP is defined as one of the enabling tools to "make good use of EU Funds"¹² and therefore represents an extremely suitable and relevant tool for promoting the environmental sustainability of Structural Funds Programs. Also thanks to the role and support of the Regional Environmental Authority, the Lombardy Region is actively involved in the application of green procurement, especially in reference to projects funded under the 2014-2020 ERDF POR: has launched calls for tender with environmental performance standards, in particular the FREE Call (decree 5002 of 2016), which contains award points for the renovation of buildings with green building techniques, the LUMEN Call (decree 11432 of 2016) on the promotion of energy efficiency in the public lighting systems, the manifestation of interest for the realization of cycling Mobility projects (executive decree 6549 of 31 July 2015) which provides for a reward for projects involving the adoption of certified eco-compatible materials.

According to the latest Consip Report, the National Central Purchasing Office of the Public Administration and the data published by Aria spa (a company in which ARCA Spa, a regional Lombardy structure commissioning goods and services), Lombardy is among the most virtuous Italian regions on the sustainability of spending on goods and services. At the national level, the second Consip Report on Italian spending on goods and services (August 2019) shows that the figure of 12 billion euros has been reached, of which 5 with sustainable content. Starting in 2014, ARCA published 466 aggregate tender procedures, for a total ban of € 23.3 billion: in the first half of 2019 alone, 53 tenders were announced for € 2.8 billion and awarded 7, 4 billion euro, with participation by companies among the highest at national level. ARIA estimates that only in this last period the application of the CAMs involved 28 tenders launched in 2018 and 11 of those already awarded in 2019, for an amount equal to 182 million euros. Sustainability is also reflected in the procurement modalities: the Sintel platform, adapted to the subsequent regulatory changes that have affected the Public Contracts Code, provides its service in e-procurement mode and is constantly renewed in terms of increased offers and performance features. Thanks to interregional agreements signed with the Regions of Veneto, Liguria, Piedmont and Abruzzo, Sintel is now also used by contracting stations outside the regional borders. Currently, there are more than 108,000 operators registered on the Sintel platform, of which 73,500 are based in Lombardy¹³.

2.2 Central Commissioning Office

The Central Commissioning Office and unique regional contracting station ARIA Spa, formerly ARCA, is the aggregation center for purchases destined for the entire Lombard Public Administration and is responsible for optimizing and rationalizing the purchasing procedures in close connection and coordination with the Lombardy Region and the Ministry of Economy and Finance.

ARIA, formerly ARCA, carries out the aggregate tenders of the Lombardy Region taking into account energy efficiency and environmental sustainability criteria, both through Minimum Environmental Access Criteria, and through non-mandatory rewarding technical criteria, of the following services taking into account the criteria of energy saving and environmental sustainability.

According to these principles, suppliers of:

¹² COM (2017) 63 final "Review of the implementation of EU environmental policies: common challenges and indications on how to combine efforts to achieve better results"

¹³ ARIA Spa, Comunicato Lombardia. Risparmi per oltre 2 miliardi in 5 anni con gli acquisti centralizzati di Arca spa, luglio 2019 <https://www.lombardiaspeciale.regione.lombardia.it/wps/portal/LS/Home/News/Dettaglio-News/2019/03-marzo/lombardia-in-aumento-impres-green>
<https://www.lombardiaspeciale.regione.lombardia.it/wps/portal/LS/Home/News/Dettaglio-News/2019/08-agosto/lombardia-regione-virtuosa-negli-acquisti-green/lombardia-regione-virtuosa-negli-acquisti-green>

- ✓ Interior furnishings
- ✓ Printer cartridges
- ✓ Paper in reams
- ✓ Stationery products
- ✓ Collective catering and foodstuffs
- ✓ Assistive products for incontinence
- ✓ Laundry service
- ✓ Armed and non-armed surveillance *
- ✓ Disposal of medical waste *
- ✓ Facility management *
- ✓ Plant maintenance *
- ✓ Electricity *
- ✓ Travel agency service *
- ✓ Pre-commercial contract *

For the product categories with an asterisk (*) ARCA had foreseen environmental selection criteria even though a specific legal obligation on the subject was not in force.

The ARIA itself currently shows growing attention to improving the quality of regional supplies and an increasing sensitivity to environmental sustainability issues through the development and promotion of GPP. According to the latest Consip Report, the National Purchasing Center of the Public Administration and the data published by Aria spa (company in which ARCA Spa, Lombardy's regional structure for the commissioning of goods and services) has joined, Lombardy is among the most virtuous Italian regions on the sustainability of spending on goods and services.

At a national level, the second Consip Report on Italian expenditure on goods and services (August 2019) shows that the figure of 12 billion euros has been reached, of which 5 with sustainable content.

As of 2014, ARCA has published 466 aggregated tender procedures, for a total banned value of 23.3 billion euros: in the first half of 2019 alone, 53 tenders were banned for 2.8 billion euros and awarded 7, € 4 billion, with one of the highest companies participating nationally. ARIA estimates that in the latter period alone, the application of the CAMs concerned 28 tenders launched in 2018 and 11 of those already awarded in 2019, for an amount equal to 182 million euros.

Sustainability is also declined in the procurement methods: the Sintel platform, adapted to the subsequent regulatory changes that have affected the Public Contracts Code, provides its service in e-procurement mode and is constantly renewed in terms of the increase in functionality offered and performance. Thanks to interregional agreements signed with the Veneto, Liguria, Piedmont and Abruzzo regions, Sintel is now also used by contracting stations outside the regional borders.

Currently there are more than 108,000 operators registered on the Sintel platform, of which 73,500 are based in Lombardy¹⁴.

3. The Action Plan for Lombardy Region green purchases

The Action Plan for the green purchases of the Lombardy Region intends to promote the application of green purchases on the Regional territory, on the basis of the guidelines dictated at international level, by EU law

¹⁴ ARIA Spa, Comunicato Lombardia. Risparmi per oltre 2 miliardi in 5 anni con gli acquisti centralizzati di Arca spa, luglio 2019
<https://www.lombardiaspeciale.regione.lombardia.it/wps/portal/LS/Home/News/Dettaglio-News/2019/03-marzo/lombardia-in-aumento-imprese-green>
<https://www.lombardiaspeciale.regione.lombardia.it/wps/portal/LS/Home/News/Dettaglio-News/2019/08-agosto/lombardia-regione-virtuosa-negli-acquisti-green/lombardia-regione-virtuosa-negli-acquisti-green>

and at national level, through actions aimed at introducing them in the sectors which are difficult to apply and implement where they are already in use.

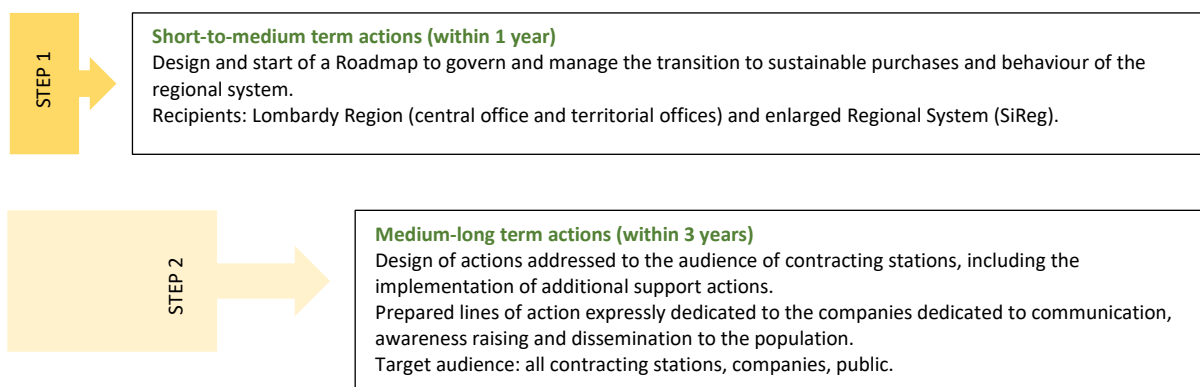
The Plan is therefore addressed both to the sectors of the regional administration in the strict sense and to the bodies and contracting stations active throughout the territory of Lombardy.

In consideration then of the fact that the GPP represents an opportunity for the enterprises in level of push to the technological innovation and that the effectiveness of the actions passes also from the availability of products on the side of the offer, the Plan foresees the involvement of the Lombard companies in order to increase knowledge and sensitivity on the subject.

Finally, the Plan recognizes that the success of GPP incentive policies also depends on individual responsibility for individuals and therefore involves a series of initiatives aimed at raising employee awareness towards the adoption of responsible behaviors that are attentive to potential impacts on the environment.

In light of the above, the Plan is primarily aimed at encouraging the adoption of sustainable practices within public offices, identifying a core of pilot actions addressed to the Lombardy Region and the SiReg enlarged regional system. The regional experience can thus represent a test field and a good practice to be extended to all the bodies and subjects to be involved in the Lombardy region.

We intend to pursue this approach in two temporal steps, where the first step, with a **short-term** horizon (1 year), also includes knowledge transfer activities on the entire regional territory, preparatory to allow and facilitate the adaptation of the skills to be finalized in the **medium term (within 3 years)**. In this second phase, action lines specifically dedicated to companies will also be prepared, as well as actions dedicated to communication, awareness raising, dissemination to the population (also with the involvement of schools or associated forms of citizens) of the principles underlying the green procurement.



The time horizons for implementing the Action Plan

3.1 The system of objectives

The Action Plan for the green purchases of the Lombardy Region represents an instrument aimed at exercising a role of orientation towards sustainable production and consumption and at the same time favoring a gradual transition to a low carbon economy, in full coherence with the approach to sustainability identified by the PRS of the XI Legislature.

The approach adopted is therefore as operational as possible and aims at Improving the sustainability of the Lombardy Region and the enlarged regional system SiReg Promote the application of GPP indications introduced by the Procurement Code through the improvement of knowledge and skills

For this purpose, the Action Plan identifies six operational objectives:

Ob.01 Consolidate skills on the subject of green purchasing

Building solid skills is a basic condition, an objective that must be pursued by acting simultaneously on the demand side (increasing the skills of the contracting stations) and the offer (companies able to innovate and create products consistent with the CAM). The Plan mainly identifies actions aimed at training personnel at contracting stations and companies.

Ob.02 Prepare support tools for the application of green purchases in the PA

In close correlation with the previous objective, it is considered important to identify ways to assist the contracting stations that must apply the Minimum Environmental Criteria and draw up the tender documents, in order to transfer knowledge and good practices, as well as create case studies of application cases and models to follow.

Ob.03 Promote the competitiveness of companies in terms of environmental sustainability

The potential for the dissemination of GPP is greater the more the market is able to satisfy the demand for Public Administrations green goods and services on a qualitative but also competitive level. Also in this case the Plan provides for training and support actions that enable companies to respond and satisfy selection criteria useful for access to forms of financing and incentives for business innovation (for example, reference to funds POR FESR).

Ob.04 Promote the application of environmental criteria in regional and local planning and planning tools

The correct insertion of CAM into calls for tenders, the application of good practices, the provision of innovative actions from an environmental point of view, must be taken by the Lombardy Region and by local and territorial Bodies as basic conditions also in the implementation of their own policies of economic and territorial development, so that the GPP becomes an inspiring principle transversal to all sectors.

Ob.05 Implement communication and awareness towards the territory and disseminate green purchasing good practices

The green procurement concerns purchases that directly or indirectly affect the community and it is therefore important that the public, the "citizens" are not only informed but made aware of the effects, including environmental ones, related to the expenditure of the Public Administration and of what the Administration can do to avoid them or reduce them. Furthermore, the incentive effect that effective communication can register with respect to the dissemination of good practices among a wide audience is not secondary.

Ob.06 Encourage the adoption of sustainable behavior within public offices

Green procurement is born with the aim of reducing the environmental burden of ordinary practices such as the purchase of goods and services. Acting on individual choices, increasing the level of awareness related to the impacts associated with daily behavior is therefore a useful step towards spreading the knowledge of the advantages of GPP to be able to implement its application to collective choices.

The objectives thus identified, if on the one hand are strictly aimed at maximizing the application of the national Action Plan and spreading the knowledge of the minimum mandatory Environmental Criteria thanks to the Procurement Code, on the other hand they gather and try to provide an answer to the needs and to the difficulties that emerged from the territories, in particular thanks to the activities carried out under the GPP4Growth Project (in this regard, see paragraph 3.2 and Annex 1).

3.2 Actions and instruments

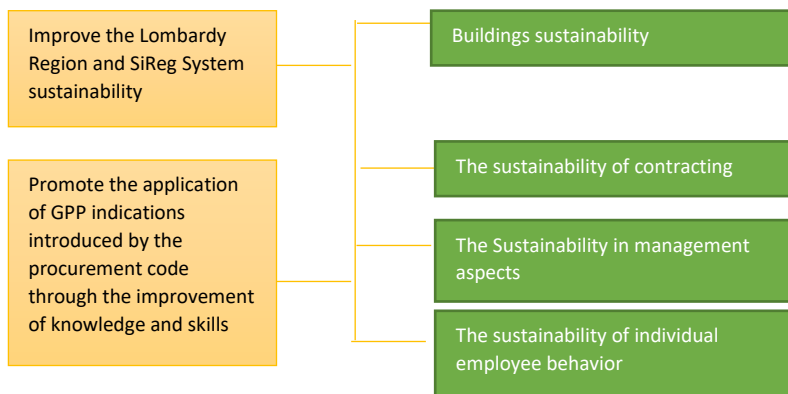
The Plan identifies 4 lines of action aimed at pursuing the objectives identified and described above. The proposed actions capitalize the results of the activities carried out by the Lombardy Region within the Interreg Europe GPP4Growth Project, relating in particular to:

- ✓ survey Results of the survey carried out in the 9 partner regions of the Project, aimed at Public Administrations and companies aimed at identifying the intervention needs in the different partner countries;
- ✓ Desk research to collect data and information in the literature, related to deficiencies and needs (structural, organizational, administrative, regulatory, ...) so as to complete the map of the needs identified with the survey.

Furthermore, the Plan considers the results of a questionnaire survey, which involved the subjects participating in the Pact for Development, aimed at detecting needs and proposals (Annex 1).

The actions thus identified are aimed at both implementing GPP in the purchasing habits of contracting stations in the regional territory, and at achieving high levels of environmental sustainability in all the bodies' activities.

In particular, the Plan envisages a strategy that is divided into four lines of action, aimed at intercepting the complex of procedures and management phases that characterize the action and functioning of the Public Administrations, focusing in particular on some priority themes (efficiency of buildings, competencies of contracting and business stations, regional management activities, individual behavior) as shown below:



The lines of action are described and discussed below, identifying the articulation of the initiatives that can be activated with respect to the temporal phases envisaged by the Plan. The actions are characterized by concreteness, effectiveness, measurability.

A. The sustainability of buildings

Operational objectives pursued: Ob.o.06

The action line aims to start concrete activities aimed at increasing the environmental sustainability of the offices of the Public Administration: the actions described here aim to detect critical issues and inefficiencies in the overall consumption (of matter and energy) with the aim of reducing them and identifying possibilities for efficiency improvement.

It is expected, in the short term, to start the activity on the offices of the Lombardy Region and of the bodies of the enlarged SiReg regional system, by way of pilot action to be extended to the offices of all the Lombard Public Administrations.

Actions

A.1 Energy diagnosis of buildings owned by the Lombardy Region / the enlarged SiReg regional system (Phase 1) and the Lombard Public Administrations (Phase 2), including:

- analysis of CO2 emissions
- consumption analysis (lighting, heating, cooling , utilities) and waste generation

A.2 Elaboration of a plan for energy efficiency and consumption reduction in buildings owned by the building, broken down by priority of need for intervention

A.3 Proposal for a program to offset emissions of residual CO2

The three proposed actions actually indicate a time sequence, which however may follow different times depending on the categories of buildings considered; it is proposed to initiate the diagnostic action on the properties of the Lombardy Region, but it is not excluded that forms of support and / or incentive may be provided for this action to be initiated in phase 1 also by other Public Administrations.

Only at the end of the energy diagnosis activity will it be possible to start the remaining actions (with the prospect of moving to Phase 2 as regards implementation).

CAM of reference:

| | |
|--|---|
| LIGHTING, HEATING / COOLING FOR BUILDINGS Awarding of energy services for buildings, lighting and motive power, heating / cooling service | Ministerial Decree 7 March 2012 G.U. n.74 of 28 March 2012 |
| BUILDING Assignment of design services and works for the new construction, renovation and maintenance of public buildings | Ministerial Decree 11 October 2017 Official Gazette S.G. n. 259 of 6 November 2017 |

Indications for implementation

It is planned to use internal resources of the Lombardy Region as a priority funding channel for the implementation of the proposed actions. For Phase 1 the Lombardy Region intends to make use of the technical support of Infrastrutture Lombarde S.p.A., a company subject to the direction and coordination of the Lombardy Region; in particular the Environmental Sustainability Area and Energy operates for the implementation of the energy policies of the Lombardy Region and, in synergy with the management activities of the regional real estate, provides specialized support to the functions of Energy Manager of the Lombardy Region. For Phase 2, the objective of the Lombardy Region is to intercept the resources under POR FESR 2021/2027, whose Program is currently still in the preliminary definition phase.

B. Sustainability in the activities of contracting authorities and companies

Operational objectives pursued: Ob.o.01, Ob.o.02, Ob.o.03, Ob.o.04

The CAMs, whose application is mandatory in Italy since 2016, describe the characteristics of specific categories of goods and services with a level of detail that is often high from a technical point of view. What follows is a widespread application difficulty on the part of the subjects appointed to formulate the tender specifications and the consequent evaluation of the offers.

The line of action aims in practice to increase the knowledge and skills necessary for the application of GPP within the contracting stations on the regional territory and responds to the lack of support services for the resolution of any procedural difficulties in the application of CAM .

Starting from an experience already started within the GPP4Growth project, it is foreseen the activation of a path expressly dedicated to the regional offices and to the seats of the enlarged SiReg regional system, as well as the continuation and improvement of the activities addressed to the other contracting stations on the Lombard territory.

Given the present emergency situation, COVID will naturally encourage remote training, web learning and remote support.

Actions

Increase of GPP competencies by contracting stations through:

B.1 Definition of training and refresher courses on the territory aimed at improving design and management aspects

B.2 Training for employees of the Regional System dealing with tenders

B.3 Organization a help desk service that provides assistance and support on green calls

The training and refresher courses on the territory are intended to concretely support both the process of writing the specifications and the management of the calls. The information and training meetings will therefore be directed at the regional personnel directly involved in the tendering procedures, at the local authorities, at companies, at professionals and at trade associations, with particular attention to the beneficiaries of the European Structural and Investment Funds (SIE)¹⁵.

Following the example of what has already been achieved at the regional level in the context of the GPP4Growth Project, the training action will be structured with a part of general training for the framing of procedures and a part with the laboratory simulation setting of the drafting of green calls with a lunge CAM technician.

The action line is completed with the organization of a help desk service for assistance and support on green calls. In particular, an online technical assistance service will be set up to disseminate the knowledge of GPP through timely and punctual responses to the various contracting stations in the area. The service is aimed at providing support for ideas, methodologies, initiatives to promote sustainable consumption in offices and draw up tenders for the purchase of goods and services with low environmental impact and green procurement strategies.

CAM of reference:

→ ALL CAMs <https://www.minambiente.it/pagina/i-criteri-ambientali-minimi>

Indications for implementation

It is planned to use as a priority funding channel for the implementation of the proposed actions, a line of intervention of the CReIAMO PA Project for Skills and Networks for Environmental Integration and for the Improvement of Organizations of the PA financed under the National Operational Program (PON) Governance and Institutional Capacity 2014-2020 aimed at improving the quality and effectiveness of Public Administrations in the implementation of environmental policies. In particular, the Intervention Line L1 WP1 Training and dissemination of Green Public Procurement is aimed at raising the level of skills and knowledge of the staff of public operators who, for various reasons, contribute to the definition of procurement and procurement procedures. As part of the GPP4Growth Project, in agreement with and with the support of the Lombardy Chamber System, 4 practical training days on the subject of green procurement and minimum environmental criteria were implemented, as provided for in the Procurement Code, implemented at the Chambers of Commerce of Mantua, Como, Varese and Milan (Monza branch).

C. Sustainability in management aspects

Operational objectives pursued: Ob.o.04, Ob.o.06

¹⁵ Cfr: POR FESR 2014-2020: Call for tenders FREE and Call for Proposals Small municipalities on energy efficiency of buildings; Demonstration of interest for the development of cycling mobility, LUMEN tender for public lighting

The action line proposes some interventions, characterized by immediate applicability, which respond to the need to reduce the environmental impact of ordinary practices related to the functioning of offices and organizations. In particular, these are actions whose success also depends on the behavior of employees, with the aim of encouraging the development of an individual sensitivity to the issue and, consequently, the consensus towards ecologically sustainable collective choices.

The management practices identified below will be applied within the administrative and operational offices. It is expected that the offices of the Lombardy Region and the enlarged SiReg regional system will be involved first and, subsequently, that the actions will be extended to all Lombardi public bodies.

The line of action provides for specific measures to be activated for the organization of events.

Actions

Increase the sustainability of the offices of the Public Administration:

C.1 Supply of electricity from renewable sources

C.2 Installation of microfiltered, cooled and added carbon dioxide water dispensers Increase the sustainability of events and initiatives organized by Public Administrations

C. 3 Promotion of the sustainability of events and initiatives organized and / or promoted by the Lombardy Region, by experimentally applying the drafting of CAM events

C.4 Adoption of sustainable communication materials and gadgets

The actions partly concern commodity categories regulated by the national CAMs of reference; where the actions are not yet covered by CAM approved at ministerial level, the experience of the Lombardy Region will be a good practice to spread and communicate to other Public Administrations and contracting stations starting from the second phase of the Regional Plan for green purchases. In particular, the Lombardy Region intends to actively test the Minimum Environmental Criteria aimed at organizing events, festivals and cultural activities, formulated within the GreenFEST Life Project¹⁶, led by ANCI Lombardia.

The actions identified in this line have the characteristic of being easily monitored by identifying measurable indicators; this aspect is considered of particular importance in view of the communicability of results and the dissemination of good practices.

CAM of reference:

| | |
|---|---|
| LIGHTING, HEATING / COOLING FOR BUILDINGS Awarding of energy services for buildings, lighting and motive power, heating / cooling service | Ministerial Decree 7 March 2012 Official Gazette n.74 of 28 March 2012 |
| PAPER Purchase of copy paper and graphic paper | Ministerial Decree 4 April 2013 Official Gazette n. 102 of 3 May 2013 |
| CARTRIDGES FOR PRINTERS Supplies of toner and inkjet cartridges and entrusting of the integrated collection and supply service for toner and inkjet cartridges | Ministerial Decree 17 October 2019 |
| OFFICE COMPUTER EQUIPMENT Supply of electrical and electronic office equipment (laptops, desktop PCs, printers, photocopiers, PUBLIC multi-function equipment, for the office) | DM December 13, 2013 G.U. n. 13 of 17 January 2014 |
| COLLECTIVE RESTAURANT Collective catering service and supply of foodstuffs | Ministerial Decree n. 65 of 10 March 2020 Official Gazette n. 90 of 4 April 2020 |
| SUSTAINABLE EVENTS | Being developed |

Indications for implementation

¹⁶ <http://www.greenfest.eu/>

The action is implemented with internal regional resources already available. In particular, with reference to the sustainability of the locations, additional costs are not expected compared to those incurred in the ordinary management of energy supply, while the program for the installation of drinking and purified water fountains at Palazzo Lombardia has already been supported and started up, in the framework of the wider project #plasticaconsapevole. The project foresees that starting from January 2019, in 30 break areas, drinking fountains of purified, natural and sparkling drinking water will be installed, in addition to the 3 already existing, in order to reduce the use of bottled water and consequently, the consumption of plastic. With respect to the issue of event sustainability, the Lombardy Region, as early as 2019, began experimenting with minimum environmental criteria promoted by the Life GreenFEST project, in the context of the events held during the Italian Presidency of EUSALP¹⁷.

The following events were carried out with the following sustainability criteria:

- ✓ **Kick-off meeting of the Italian Presidency EUSALP 2019 - Executive Board 1**
(28 February - 1 March 2019, Palazzo Lombardia, Milan)
 - Accurate choice of CATERING: Plastic free, seasonality of products.
 - Participants were invited to reach the venue by public transport or car sharing.
 - sustainable gadgets.

- ✓ **XLV National Selection of the European Youth Parliament**
(5-7 April 2019, Palazzo Lombardia, Milan)
 - was announced in the invitations, in the posters of the event, in the newsletters that this event is carried out in a sustainable manner, following the GreenFest guidelines.
 - Printing of any material has been avoided.
 - Accurate choice of CATERING: Plastic free, seasonal products.
 - A questionnaire was created to be distributed to the participants to calculate the CO2 emissions in which the Km traveled to reach Milan were asked and how; the kilometers traveled to reach the venue of the event and how.
 - Participants were encouraged to use the metro to reach the venue.
 - Projection of a slide in the monitors for the correct behavior during the event and inside the building regarding sustainability, for example how to use the containers of the differentiated collection present.

- ✓ **Convention of EUSALP Young Administrators**
(21-22 September 2019, Villa Saporiti, Como)
 - The printing of any material was avoided.
 - Accurate choice of CATERING: Plastic free, seasonal products.
 - A questionnaire was created to be distributed to the participants to calculate the CO2 emissions and all participants were encouraged to reach the place of the event by train and 1 shuttle was prepared to take them from the event to the hotel and vice versa in order to discourage the use of private cars.

- ✓ **Executive Board Meetings**
(26-27 June, 23-24 October, 27 November 2019 - Palazzo Lombardia / Palazzo Pirelli, Milan)
 - Printing of any material was avoided.
 - Accurate choice of CATERING: Plastic free, seasonal products.

- ✓ **EUSALP Annual Forum**
(November 28-29, Palazzo Lombardia, Milan)
 - Limited prints.

¹⁷ <http://www.greenfest.eu/> ¹⁷ <https://www.eusalp.regione.lombardia.it/wps/portal/site/eusalp/cos-e-eusalp>

- Accurate choice of CATERING: Plastic free, seasonal products.
- sustainable gadgets.

Finally, with reference to the POR FESR 2014-2020, the Environmental Authority of the Lombardy Region, subject to guarantee the principle of environmental sustainability in the implementation of the SIE funds, is preparing a toolkit to address the organization of sustainable Program events in agreement with the Managing Authority, starting from the Guidelines for sustainable events.

D. The sustainability of individual employee behavior

Operational objectives pursued: Ob.o.05, Ob.o.06

This action line aims to implement the development of a sensitivity towards the issue of potential environmental impacts generated by individual behavior, which is a precondition for the principles of green procurement to be applied effectively at all levels. Unlike the previous line, the actions envisaged here are not aimed at conveying virtuous behavior through centralized initiatives, but are addressed directly to individuals through training / awareness-raising actions.

Actions

D.1 Preparation and dissemination of infographics on sustainability practices to be adopted within public offices

D.2 Implementation of internal training activities aimed at implementing the sustainability of behavior in the office (energy and water savings, recycling, consumption reduction of paper, print minimization, mobility ...)

D.3 Monitoring of the results of sustainable behavior adopted within the offices, also with the support of quantitative data
D.4 Diffusion to the outside, in summary and communicative form, of the results obtained thanks to the application of sustainable behavior within the offices.

Dissemination aimed at public office staff will be implemented through:

- ✓ preparation of infographics on sustainability practices to be adopted within public offices. The vademecum will contain, in the form of cards, a package of "sustainable" actions to change the ways in which the public organization behaves in its ordinary activity: the use of sustainable mobility systems in business trips and in home-work paths (collective transport, car sharing, car pooling, bike sharing, ...); the correct use of electrical and electronic equipment (PCs, printers, photocopiers, ...); reduced paper usage; the separate collection of waste, the adoption of practices for energy and water savings, etc.
- ✓ implementation of internal training activities aimed at introducing elements of sustainability even in the same functioning of the regional offices already provided for in the vademecum, so as to strengthen their applicability and relative effectiveness.

As for the previous line of action, also in this case the activities are of simple measurability and can therefore be easily measured for the purposes of reorientation and implementation.

Indications for implementation

The Lombardy Region, with internal resources, will carry out a communication campaign aimed at directing its staff towards more conscious forms of behavior but also having positive repercussions on the outside. The

first project of this campaign, called #plasticaconsapevole, will take place from January 7th to March 6th 2020 and will involve the employees of the Lombardy Region and the guests of Palazzo Lombardia, in conjunction with the installation of the water dispensers, already mentioned in the line of action C - Sustainability in management aspects. An immersive exhibition will be held in the various common areas of Palazzo Lombardia, with images of Mandy Barker, a British artist who has received international recognition for her photographic work on plastic waste, aimed at stimulating people to reflect on the dimension of use aware of the plastic and to realize concrete actions in first person. Precisely for this reason, therefore allowing employees to take full advantage of the presence of drinking water fountains, regional employees will be given a personalized glass bottle with the theme of the exhibition and the conscious plastic message.

3.3 Monitoring and Communication

In order to verify the effectiveness of the planned actions, the regional Action Plan provides for the activation of a monitoring system.

The monitoring system is expressly required by the National Plan, where Public Administration bodies are clearly indicated as active subjects for the purpose of achieving the environmental objectives related to the implementation of GPP. The proposed monitoring system must therefore be functional to verifying, in addition to the achievement of the interest objectives for the categories of intervention identified, also the degree of achievement of the national objectives. Therefore it is hoped that the monitoring system of the Regional Action Plan will coordinate with that of ANAC, which is being defined; similarly, a coordination method can also be implemented for management purposes¹⁸, with the Regional Regional Waste Observatory (ORSO)¹⁹. The monitoring system identified herein may therefore be subject to additions, modifications and updates during the work.

The monitoring system envisaged by this Action Plan identifies a package of indicators useful for verifying the state of implementation of the proposed lines and the results obtained in terms of interventions carried out and participation in the initiatives. Therefore, some quantitative indicators are identified which can be easily detected during the activities. In particular, it is planned to carry out a first monitoring step at the end of Phase 1 in order to promptly capture critical issues, opportunities and any corrective / supplementary actions in view of the start of Phase 2.

This monitoring activity will also be aimed at disseminating externally, in a synthetic and communicative form, the results obtained in terms of savings, efficiency and environmental protection, thanks to the application of sustainable behavior within the offices.

The proposed indicators are shown in the following tables, broken down by line of action.

Line of action: Building sustainability

- N of buildings subject to energy audits, by category (Region, SiReg, other PA) and size
- N of buildings redeveloped by category (Region, SiReg, other PA) and size
- CO2 emissions saved annually

Line of action: Sustainability in the activities of contracting stations and companies

- N of training seminars aimed at the competent services in procurement by category (Region, SiReg, other PA, companies)
- N of participants by category (Region, SiReg, other PA, companies)
- N of requests received by the helpdesk

¹⁸ A similar proposal was formulated as part of the work for the drafting of the new Veneto Region GPP Action Plan (see <https://www.minambiente.it/sites/>

¹⁹ <https://www.arpalombardia.it/Pages/Arpa-per-le-imprese/Rifiuti/ORSO.aspx?firstlevel=Rifiuti#>

- N. of tenders green areas -% of green tenders carried out on the total number of tenders of the contracting station and by product category - Amount (€) of green expenditure / traditional expenditure and by product category

Line of action: Sustainability in management aspects

- N of buildings with contract electricity supply from a renewable source (of which equipped with a self-production plant)
- N of microfiltered water dispensers installed (N dispensers / N employees)
- N of events organized in a sustainable manner / N total events by type of organization
- N of events organized in a sustainable manner / N total events by type of event

Line of action: Sustainability of individual employee behavior

- N of training seminars
- N of participants

The results of the monitoring and the good practices triggered will be the subject of reports aimed at communicating and disseminating the results and making them available. Furthermore, at a later date, other monitoring systems can be identified, in particular in connection with the collection of data on public contracts by the Regional Observatory of public contracts, with the monitoring carried out by ARIA ex ARCA as Central of Client as well as implementing the Sintel platform, the e-procurement platform of the Lombardy Region, set up with the aim of creating a Telematic Brokerage system that supports the Region and all Public Administrations that request it in carrying out its own tenders.

3.4 The governance of the Plan

Lombardy Region identifies a system of governance of the Action Plan which provides for the identification of individuals who in various capacities will be appointed to manage the Plan (eg Scientific Advisory Committee, Inter-departmental Working Group, ...), as well as their tasks.

In addition to implementing the Plan and monitoring it, the various subjects identified are also required to take care of the communication and promotion actions of the Plan itself.

The Working Group will be able to make use of a group of regional stakeholders with which to periodically confront and from which to obtain support addresses for any implementation and / or reorientation of the Plan.

Attachment 1

Consultation methods and stakeholder participation

The architecture of the Action Plan for the green purchases of the Lombardy Region summarizes, in addition to the lessons learned during the Interreg project GPP4Growth and during the previous experiences of the Region on GPP, the results of the targeted involvement of a composite audience of actors.

The activities of survey, listening and participation have seen in particular:

- ✓ conducting a survey (survey) carried out in the 9 partner regions of the GPP4Growth Project
 - ➔ Public Administrations and Companies
- ✓ the organization of a research desk relating to shortcomings and needs
 - ➔ to complete the needs framework of the 9 partner Regions of the GPP4Growth project
- ✓ the involvement of the subjects invited to the Pact for Development Secretariat, through a questionnaire survey
 - ➔ Subjects participating in the Technical Secretariat

- ✓ the involvement of the participants in the first training meetings carried out within the GPP4Growth project, through a questionnaire survey
 - ➔ Contracting stations
- ✓ the involvement of the participants in the presentation meeting "The Action Plan for green purchases: first elements" organized at the Lombardy Region in June 2019
 - ➔ Contracting stations

Questionnaire for needs and actions survey

As part of the activities aimed at drawing up the Green Purchases Action Plan, the Lombardy Region wishes to share with the stakeholders the path undertaken so as to arrive at the definition of an Action Plan which meets the needs and desires of the various stakeholders.

To this end, a brief questionnaire must be filled in in order to identify the proposals for actions that the Lombardy Region should implement in its Action Plan for green purchases.

Compilation guide

The questionnaire is divided into two sections:

- section 1: registration and survey on the degree of knowledge / dissemination of the topic of green purchases within the institution / organization to which it belongs
- section 2: list, in tabular form, of needs to which action proposals are related, aimed at identifying the priorities that the Lombardy Region should consider within its Action Plan for green purchases.

In this second section we ask you to attribute to each selected share a value increasing from 1 to 5 in the "Priority" column depending on the relevance that you intend to assign (1 for the proposed action considered less relevant, 5 for the proposed action considered most relevant).

This will allow the Lombardy Region to orient its strategic choices to be taken in the Action Plan.

In the event that there are needs or proposals for actions not included in the proposed list that it is intended to report anyway (as the Action Plan should take them into consideration), a dedicated space is provided in the final part of the questionnaire.

The document, once completed, must be returned by 30 January 2019 via email to the Lombardy Region address indicating as object "GPP Action Plan".

Section 1: General elements

| MEMBERSHIP ORGANIZATION: | |
|---|--|
| Name and Surname (optional) | |
| Do you know the tool of green public procurement (or GPP - Green Public Procurement)? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Do you know the National Action Plan for Green Public Procurement (PAN GPP)? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are you aware of the fact that GPP has become mandatory in Public Administration tenders in Italy with the new Procurement Code (Legislative Decree 50/2016)? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Have you already taken part in initiatives on the subject of GPP? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| If yes, which ones? | |
| Are green purchases made in your organization? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| If yes, specify | |

Section 2: selection of the actions of the Action Plan for green purchases

Which of the following actions do you think are most useful for promoting the spread of green purchases in Lombardy?

| Needs | Possible Actions of the Action Plan on green purchases | Priority | | | | |
|---|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | | Low | | High | | |
| | | 1 | 2 | 3 | 4 | 5 |
| <i>Consolidate skills on the subject of green purchasing</i> | Organization of information seminars | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | Organization of workshops and technical laboratories | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | Definition of training and refresher courses aimed at improving design and management aspects in terms of sustainability | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | Periodic dissemination of thematic newsletters | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <i>Prepare support tools for the application of the principles of green purchasing</i> | Provision of standard calls | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | Preparation of standard criteria for the assessment and verification of sustainability requirements | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | Organization of a help desk service that provides assistance and support on green calls | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | Development of a website dedicated to the Regional Action Plan containing information, documents, good practices, support tools | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <i>Promote the competitiveness of companies in environmental terms, favor the application of the Minimum Environmental Criteria in the public works sector and in the procurement of services</i> | Definition of the regional price list for public works in accordance with the criteria of the relevant Minimum Environmental Criteria | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | Promotion of protocols within trade associations aimed at the dissemination of sustainable practices in the internal management of companies | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | Provision of regional funding to companies for the adoption of environmental management and prevention systems and innovative and experimental actions (product and process environmental certifications, environmental management systems, EMAS regulation, ISO 14001, etc.) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | Inclusion in the award announcements related to the innovative content in terms of sustainability | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <i>Implement communication and awareness towards the territory (public bodies, companies, citizens, trade associations, etc.) and disseminate good practices in green purchasing</i> | Networking of good practices | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | Implementation of awareness campaigns | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | Organization of moments of exchange of good green practices between local authorities | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | Forecasting of dissemination interventions in the area at the contracting stations | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Use this space to report additional needs or lines of actions to be reported that are considered significant and to include any general considerations:

.....

General Director of Regione Lombardia

Pier Attilio Superti

A handwritten signature in black ink, reading "Superti Pier Attilio". The signature is written in a cursive style with a large initial 'S'.