



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No730313

Lazio Region good examples on circular Economy Strategy

4th SCREEN INTERNATIONAL WORKSHOP
Pamplona, 4th and 5th of September 2018

Legal framework

Lazio Region ROP ERDF Fund 2014/2020

TO3 - Promotion of the competitiveness of SMEs, the agricultural and fisheries sectors

- Action 3.1.2 Support for the investments to reduce the environmental impact of productive systems

TO4 – Promotion of the transition toward a low carbon economy

- Action 4.2.1. Support for the reduction of energy costs and gas emissions from companies and productive areas

Guidelines for the development of the Ecologically Equipped Productive Areas - APEA (July 2015)

APEA - Area destined to industrial, artisanal, commercial, agricultural activity characterized by the integrated management of infrastructures, centralized services and resources aimed at guaranteeing the environmental sustainability and the local economic development

Keys steps for the support of the APEA Step I

17/07/2018

CALL to support the certification of APEAs

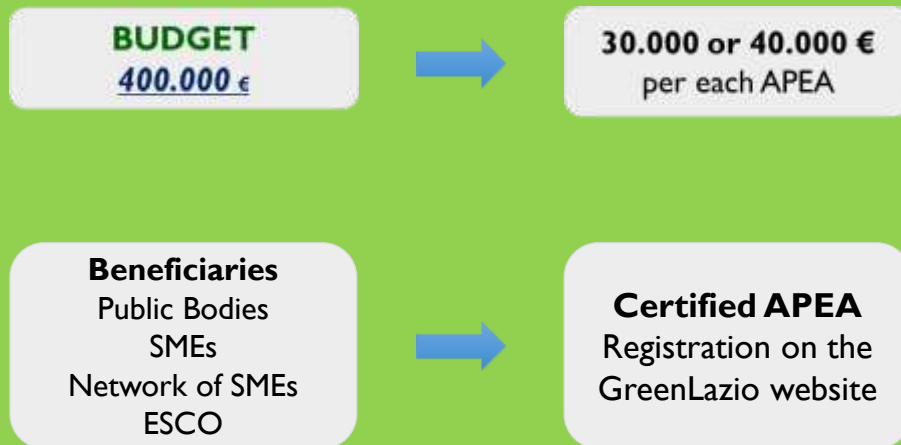
21/09/2018

Deadline to submit applications

5/11/2018

Publication of the results

Keys steps for the support of the APEA Step 1



Keys steps for the support of the APEA Step 2



Circular Economy projects to be financed

Investment projects of SMEs aimed to introduce the best available technologies in the following areas:

1. **Production cycles** (type of raw materials, consumption and emissions deriving from production and distribution processes)
2. **Consumption cycles** (consumption, emissions, waste deriving from the use of certain products)
3. **Waste cycles** (to support the reduction of the quantity of waste produced)
4. **Thermal insulation** of buildings where economic activities are realized

“Stop plastica nel mare” initiative

July 2018 – Formal agreement between



“Stop plastica nel mare” initiative

Pilot action – 1 year



Verify and measure the quantities and types of waste recovered by boats. A precise analysis will then be realised to evaluate the actual recyclability of waste and to transform an environmental threat into a real economic opportunity for the territory.

“Stop plastica nel mare” initiative

- Wide cooperation with port authorities and trade associations
- Inter-cooperation with coastal municipalities
- Involvement of educational institutes

Previous regional Calls



- 4 Calls for the Reindustrialisation of the productive fabric (150 M €)
- Call «Circular Economy and Energy»



Call «Circular Economy and Energy»

Published December 2017

Deadline April 2018

Budget 10.000.000 € ERDF Funds

Number of applications received: 74

Number of projects approved: 23



RIUSA Project

Reuse of waste production for the manufacturing of a series of "intelligent" packaging of compostable, thermostable, self-protected bio-derivative plastic and suitable for prolonged contact with foodstuff



RIUSA Project

Budget: 905.393,72 €€

Duration: 18 months

Partnership



Lead partner



RIUSA Project



Designs new formulations of PLA base using industrial and agricultural waste



Through its distribution network, it will be possible to recover the bottles produced in compostable material



Re-use of the material in the production process of its products



RINASCE Project



The RINASCE project aims to study the best method for recycling cigarette butts in order to reuse the materials and produce new goods





RINASCE Project

Budget: 321.417,09 €

Duration: 18 months

Partnership



Lead partner

AzzeroCO2 is an environmental and energy consulting company born in the 2004 thanks to two important environmental Italian NGOs, Legambiente e Kyoto Club.



CNR-IIA
(National Research Centre - Institute of the Environmental Pollution)



RINASCE Project

The environmental problem

- ✓ Around 5.6 trillion cigarettes are smoked in the world every day*;
- ✓ The butts make up about 30% (by volume) of the total waste collected on the beaches*;
- ✓ In Italy around 13,000 tons/year of butts are littered (ENEA, 2010)
- ✓ On the Adriatic and Ionian beaches the filters are in fifth place in the ranking of collected waste (about 6.6% of the total); even more alarming percentages on non-Italian Adriatic coasts (ISPRA 2017 report);
- ✓ The average life of a butt is about 5-12 years;
- ✓ The estimated cost for cleaning street from butts is between 3 and 16 million euros / year for major cities*;

*Thomas E. Novotny & Elli Slaughter in "Product Waste: An Environmental Approach to Reduce Tobacco Consumption" GLOBAL ENVIRONMENTAL HEALTH AND SUSTAINABILITY; 2014; 1:208–216



RINASCE Project

Expected results

The research activity will be devoted to **separate**, **purify** and **analyse** all the constituents of the filter:

- Paper
- Cellulose acetate
- Nicotine

This will lead to:

- ✓ "Prototype machinery" for easy separation
- ✓ "Prototype product": frame of glasses (cellulose acetate)
- ✓ Evaluation of the sustainability of the process



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Thanks for your attention

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