



WEBINAR

Horizon ETRA

EU funded programs and other opportunities for Tyre Recycling SMEs and a new Project Idea for the Life Program

Date : 4th June 2020 from 16.00 to 18.00

Platform ezTalks

The Webinar will explain the main changes introduced in the updated version of the Horizon 2020 Work Programme in order to best participate to the last calls of this year as well as an introduction to the next Horizon Europe program. The Webinar will also give a description of the Life Program in view of the next call.

ETRA is collaborating with NCP Brussels and hub-Brussels on a number of activities including a program of webinars and workshops on EU funded programs and other opportunities for SMEs. ETRA is collaborating with ANCI Lazio on the Life Programme and Circular Economy.

The EIC enhanced pilot is the evolution of the SME Instrument and it aims at supporting top-class innovators, entrepreneurs, small companies and scientists with bright ideas and the ambition to scale up internationally. It brings together the parts of Horizon 2020 that provide funding, advice and networking opportunities for those at cutting edge of innovation.

With this aim the European Commission on the 18 March 2019 published the updated version of the Work Programme called [Enhanced European Innovation Council \(EIC\)](#) pilot for the period 2019-2020 of Horizon 2020 programme, with the allocated budget of around 2 billion euros.

The updated Work Programme brings together a number of existing funding instruments and some new features, which will foresee next **Horizon Europe 2021-2027** Programme. Particularly, the [Pathfinder](#) ([FET Open](#) and [FET Proactive](#)) will support ambitious and high-risky collaborative research projects aiming at developing radical and innovative technologies.

The [Accelerator](#) (SME Instrument) will address SMEs and start-ups with radically innovative marketable ideas, with the aim of accelerating their scaling-up on European and global markets.

The Commission's proposal for Horizon Europe is an ambitious €100 billion research and innovation programme to succeed Horizon 2020.

Following the political agreement, the Commission has begun a strategic planning process.

The result of the process will be set out in a multiannual Strategic Plan to prepare the content in the work programmes and calls for proposal for the first 4 years of Horizon Europe.

The strategic planning process will focus in particular on the Global Challenges and European Industrial Competitiveness pillar of Horizon Europe. It will also cover the Widening Participation and Strengthening the European Research Area part of the programme as well as relevant activities in other pillars.

The European Commission has launched its 2020 call for project proposals under the **LIFE programme**. Measures have been taken to make it easier to apply in times of coronavirus restrictions including extended deadlines.

This year more than €450 million have been earmarked for nature conservation, environmental protection and climate action projects.

LIFE funds projects under its [environment](#) and [climate action](#) sub-programmes, thereby helping implement the [European Green Deal](#).

Most LIFE projects are so-called traditional projects that can be coordinated by any legal entity registered in the EU. These include public institutions, businesses and non-governmental organisations (NGOs). A lot of traditional projects show best-practices, run pilots, raise public awareness or demonstrate breakthroughs in environmental practices.

As you know, **Tyre Recycling** is a young and dynamic sector and RTMs are already used in a wide array of materials, products and applications in variety of sectors, including the production of new tyres, which has motivated tyre recyclers to research and develop innovative new options. RTMs are widely used in sports infrastructure, roads and transport infrastructure, civil engineering and construction, as well as consumer and industrial products.etc.

New Projects are on the drawing board and participants are invited to suggest other topics and to become partners. In order to increase opportunities for new partnerships and projects, Participants may join the **ETRA Partner Registry** and receive further assistance after the event as well. You will become part of a dynamic process that includes other opportunities throughout the year.

This webinar, organised on the afternoon of 4th June, will describe the various opportunities of EIC and Horizon Europe and other key EU programmes, with the aim of identifying opportunities for follow up of the above projects as well as to stimulate new projects and partnerships.

The goal of this event is to:

- give wide and detailed insight of the next calls
- explain the various tools set up by EASME and other bodies of the Commission to support SMEs
- provide a platform to connect different stakeholders looking to develop proposals

Programme

16.00 Welcome

16.10 Webinar Start

Chair: Dr Valerie Shulman, Secretary General of ETRA
Topic: About ETRA and Tyre Recycling, ETRA Partner Registry

Chair: Ir. Alessandro Fantilli, Politecnico of Turin
Topic: The use of large quantity of recycled steel fibers in concrete manufactures

Chair: Dr. Marco Valente, Ir. Matteo Sambucci, La Sapienza University of Rome
Topic: Possible use of different tyre ground fractions to functionalize cementitious matrices

Chair: Elena Angiolini, hub Brussels
Topic: European Innovation Council (EIC) Pilot, Horizon Europe and other opportunities for SMEs

Chair: Giorgio Scavino, ANCI Lazio
Topic: Life Programme, the European Union's funding instrument for the environment and climate action.

Chair: Ettore Musacchi, President of ETRA
Topic: Some ideas for a project on RTMs for building construction

17.45 Q&A

18.00 End of the webinar

Speakers

Valerie L. Shulman, Ph.D., has served as Secretary General of ETRA for twenty-five years. She began to study tyre recycling in the EU in 1989 and developed the Tyre Recycling Project in 1992 which, after initial EU funding, became the nucleus of ETRA. A contributor to the preparation and presentation of the Basel Convention Guidelines on used tyres, she participated in the EU Recycling Forum representing Tyre Recycling. In 2006 she presented at the Waste Policy hearings in Parliament and again in 2008 on the needs of recyclers in a recycling society. She represents European tyre recycling at EU and international conferences. She has published more than 100 articles in EU and international journals, and contributed to or edited more than ten books on the subject. She has been a delegate in both UNEP and UNOPS on-site missions.

Alessandro P. Fantilli is Associate Professor in the Department of Structural, Building and Geotechnical Engineering of Politecnico di Torino, Italy. He received his MS and PhD from Politecnico di Torino. He is a member of ACI committee 544 - Fiber-reinforced concrete - and 555 - Concrete with Recycled Materials. His research interests include nonlinear analysis of reinforced concrete structures and structural application of high performance fiber-reinforced cementitious concrete.

Dr. Marco Valente Graduated in Rome (La Sapienza) on 25/02/1992 in Chemical and materials Engineering with 110-110 e lode. In April 1992 got the "engineering licence" with graduation of 110. In 1995 into the role of University researcher. From 1999 at today Full researcher in the Dep. of chemical, material and ambient. (s.s.d 09D1 Industrial Engineering). Tenured of several courses in past years: material science, materials for biomedical application, polymeric materials; Now tenured of polymeric and composites materials. Member of doctoral school of Sapienza EMNE (Elettrotecnico, Material and Nanotechnology Engineering). Member Academic and material National association: INSTM, AIMAT, ASSOCOMPOSITI. Responsible of laboratory of mechanical and technological (static and dynamical) testing on materials and polymers.

Matteo Sambucci is a first year Ph.D student in Material Engineering at Sapienza University of Rome. In December 2017 he obtained a Master's Degree in Materials Science and Technology at Tor Vergata University of Rome, developing a thesis based on the design and manufacture of sound absorbing metamaterials through 3D printer (for automotive application) and their physical and acoustic characterization. Currently, its field of research is related to the development, via 3D printing, of structural elements in *rubber-concrete* and optimization of the acoustic, thermal and mechanical properties.

Elena Angiolini is an International and Innovation Advisor for HUB Brussels with 10 years of experience in supporting companies, developing research and Innovation projects and driving their growth beyond their current activities through successful technology transfer (domestically / internationally) and establishing strategic technological partnerships in critical sectors. She has had key roles in establishing piloting strategies for the validation of innovative projects, as well as organising high visibility Business and Financial events that are supported by Enterprise Europe Network, and Mentoring Horizon 2020 first comers' and experienced applicants.

Giorgio Scavino is a communication Manager assistant (European Projects Department) Consultant at ANCI Lazio, a body governed by public law who associates 378 cities and municipalities in Lazio Region and is a direct emanation of the official Italian National Association of Cities and Municipalities.

It's active at national and regional level to promote LAs interests and specificities (in particular those of small municipalities), providing also specific support to its members and participating with its own representatives in institutional debates where decisions concerning local autonomies interests are discussed. It's coordinating a thematic group on waste management linked between the City of Rome and all the Municipalities in the Metropolitan area with the aim of improving the waste recycling rate in Lazio Region. It has created a targeted Technical and Scientific Committee in order to support the capacity building of LAs in Lazio Region to design and implement innovative actions in different fields linked to sustainability. Since 2005 has managed 19 European Project in several fields and the most relevant in the field of the environment.

Dott. Ettore Musacchi has been involved in tyre recycling for over 25 years, during which time he set up and developed many industrial projects. He is a member of the CEN Committee on Tyre Recycling and of the Ministry of Health Commission on Artificial Turf. He has been Managing Director of AD.RI.A. an SME in the centre of Italy, dealing with the recycling of used tyres. Before that, he worked banking for 9 years, where he assumed different tasks in various departments, including 4 years in the foreign exchange department, after which he worked as a Certified Accountant. Further, he developed considerable technical skill and experience because he managed the development and production of several new products. He is the President of the Consortium ARGO, the Italian Association of tyre recyclers, which represents its members with the public administration, promoting relevant issues impacting tyre recycling. In 2005 he became the President of ETRA (European Tyre Recycling Association).