

C.O.I.M. S.p.A.
CHIMICA ORGANICA INDUSTRIALE MILANESE
www.coimgroup.com

Sede legale e amministrativa:
20090 Buccinasco (MI) - Italia
Via delle Azalee, 19
Numero R.E.A. MI-706575 - N. Mecc. MI 027496
Trib. Milano Reg. N. 128783 - Capitale Sociale € 5.572.800

Tel. +39 02 335051
Fax +39 02 33505250
Partita IVA/Codice Fiscale: IT 00798810156

Stabilimenti e sedi secondarie:
26010 Offanengo (CR) - Italia
Via Ricengo, 21/23
Tel. +39 0373 248.1 r.a. - Fax +39 0373 789222
Numero R.E.A. CR-159324

26817 San Martino in Strada (LO) - Italia
Via privata Fabrizio De André, 24
Tel. +39 0371 942800 - Fax +39 0371 942819
Numero R.E.A. LO-2544771



UNI ISO 45001:2018
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PRESS RELEASE

COIM takes part in the CEFLEX initiative and contributes to the development of mono-material pouches using recycled polypropylene

- **C.O.I.M.**, together with about 180 European companies and associations, is an active stakeholder in CEFLEX, an initiative whose objective is to promote a circular economy for flexible packaging
- Within the scope of a CEFLEX research project in which C.O.I.M took part, it was demonstrated that packaging can be produced using recycled polypropylene without altering their characteristics or performance and applying traditional converting technologies

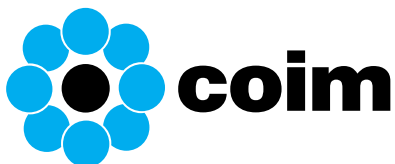
Milan, 6.9.22 - **C.O.I.M. S.p.A.**, an Italian multinational company producing specialty chemicals since 1962 and operating worldwide with nineteen manufacturing and trading companies, is an active member of **CEFLEX** (Circular Economy for Flexible Packaging), an initiative whose aim is to promote a circular economy for flexible packaging by developing technological solutions and guidelines for the design of circular materials.

Among the various projects in progress, after performing five semi-industrial trials, the **QRP** (Quality Recycling Process) project demonstrated that high-quality recycled polyethylene and polypropylene for non-food applications can be obtained from appropriately sorted and processed flexible packaging waste.

Within the scope of this project, COIM provided its next-generation solvent-less adhesives, as part of a collaboration that led to the development of mono-material stand-up pouches made of polypropylene and incorporating recycled polypropylene. These stand-up pouches, designed for non-food applications, have a duplex structure. The coating, laminating, printing and metallization steps were carried out at the Bobst Competence Centers. The other companies taking part in the project were Taghleef Industries for the recycled polypropylene film, Borealis for the sealant film, COIM, Henkel and Sun Chemical for the adhesives, Flint Group for the inks and Elba for pouch making.

The trials showed that materials made of recycled polypropylene can be processed without having to replace the industrial technologies currently in use and that their characteristics and performance are comparable to those of virgin materials.

C.O.I.M. S.p.a. press office: Origgi Consulting S.r.l.
Manager: Daniela Origgi
d.origgi@origgiconsulting.it – Mob. (+39) 347 1729113
COIM press office team:
pressooffice@origgiconsulting.it - Tel. (+39) 039 2307137



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“Our participation in the trials conducted within the scope of the Ceflex QRP project is a further demonstration of COIM's commitment to developing sustainable solutions, with the ambitious objective of creating a circular economy for the flexible packaging sector” explains **Sergio Doldi, COIM Technical Manager for Adhesives, Coatings, and Inks for Flexible Packaging.**

“Thanks also to the contribution made by our solvent-less adhesives, it was demonstrated that major steps forward in the use of recycled materials can be made rapidly, while keeping the traditional converting processes”, concludes **Alice Donà, COIM R&D Manager for Adhesives for Flexible Packaging.**

For more information about CEFLEX and QRP, visit <https://ceflex.eu>

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C.O.I.M. S.p.A is the brainchild of Mario Buzzella and Cesare Zocchi, two entrepreneurs driven by the same passion for chemistry, who founded the company in 1962 to meet the increasing demand for chemicals resulting from a booming economy.

60 years later, COIM Group has become an Italian multinational company that develops, produces, and sells chemical specialities for the manufacturing industry worldwide. It ensures local presence through nineteen companies - 10 of which are production sites - in Italy, Germany, Russia, Turkey, Singapore, China, India, USA, Brazil, Mexico, Chile, Colombia, Spain, Austria, and the Netherlands.

Over 1,200 specialised collaborators are committed to meeting customers' expectations with three main product families:

- *Polyesters and polyols,*
- *PU Case: coatings, adhesives, sealants, and polyurethane-based elastomers,*
- *Polyesters and special resins.*

COIM can meet technical, commercial, and logistics needs of customers located in ninety countries for a turnover of 1 billion euros. This is possible thanks to its integration of raw materials, focus on polyurethane systems, a wide and diversified offering - 18 product ranges from polyesters to PU systems -, and a large production capacity.

COIM Group focuses on continuous and sustainable development based on corporate values, such as care and respect for people and the environment.

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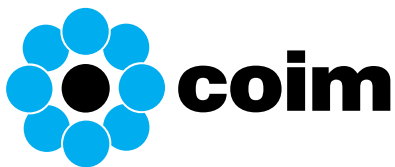
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Manager: Daniela Origgi

d.origgi@origgiconsulting.it – Mob. (+39) 347 1729113

COIM press office team:

pressooffice@origgiconsulting.it - Tel. (+39) 039 2307137



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Press Office C.O.I.M. S.p.a.: Origgi Consulting S.r.l.

Press contacts:

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