



RUBBER CONVERSION

SUSTAINABLE RUBBER COMPOUNDS

ABOUT US

COMPANY

Rubber Conversion s.r.l. is a recognised Italian technology company bringing a cutting edge devulcanisation process to service the needs for high quality sustainable compounds of European tire and technical rubber goods manufacturers.

Rubber Conversion is a subsidiary company of Innovando, a leading Italian company providing global service solutions for industrial waste management and extended producers responsibility compliance services to SMEs and large corporations.



Italy



Veneto



Cerea - VR

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BUSINESS VERTICALS

NR
SBR

Production of high quality grades of NR / SBR based compounds from end of life tires

NR / SBR / NBR /
IIR / EPDM

Toll-devulcanisation service of production offcuts and post production waste of rubber products

MISSION & VALUES

Rubber Conversion produces high quality sustainable rubber compounds from production off-cuts and end of life rubber products. Rubber Conversion's commitment to material recycling and upcycling is helping mindful companies improve their product sustainability and profitability.



Reliability



Transparency



Long-term
committment



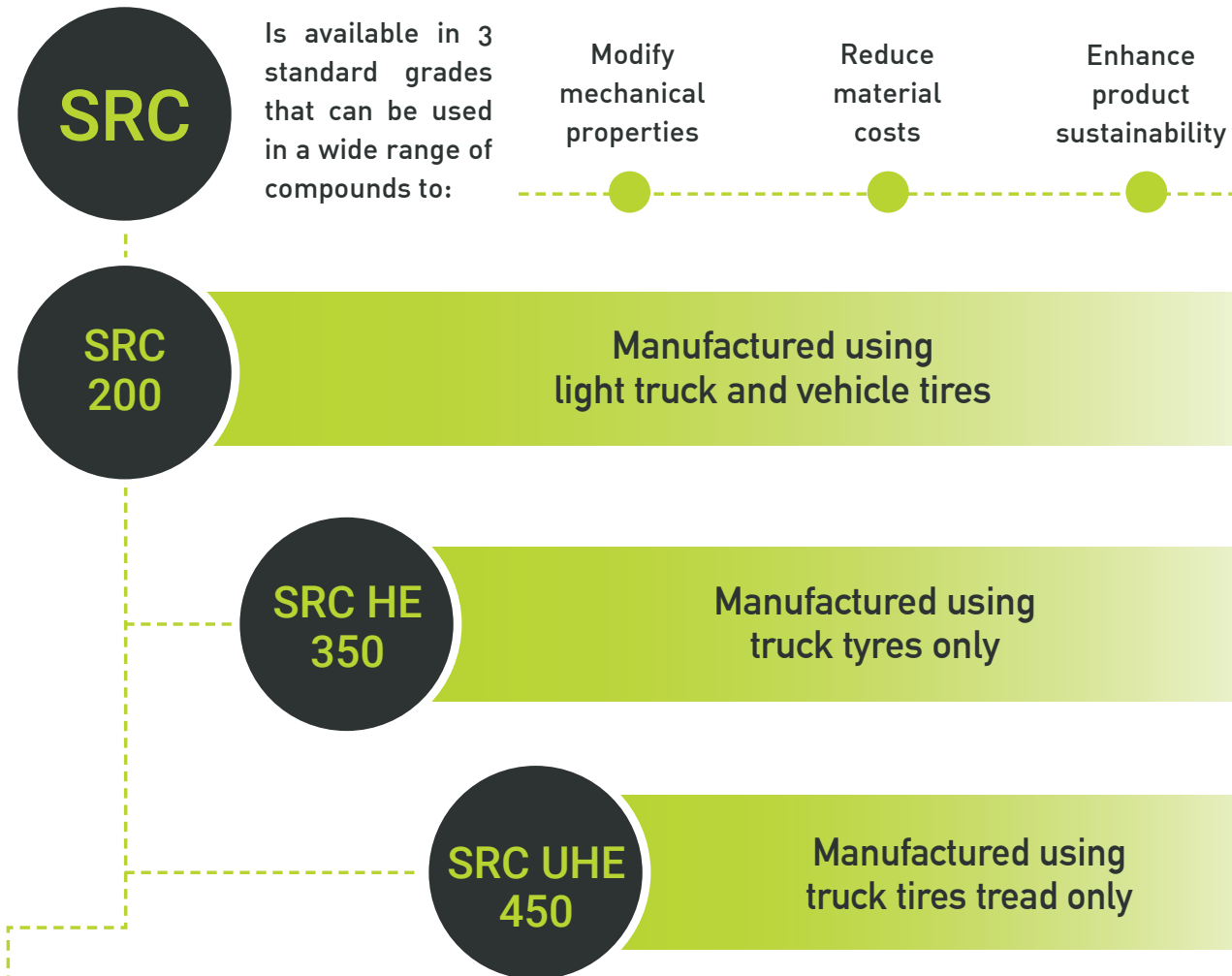
Quality



Social
Responsibility

PRODUCTS

High quality NR / SBR based devulcanised compounds



TARGET MARKET & APPLICATIONS	
TYRES	PCR, TBR, OTR, Solid, Agricultural, Bicycle, Tyre Inner Liner, Tread Rubber, etc.
BELTS	Conveyor Belts, Power Transmission Belts
MOULDED & EXTRUDED GOODS	Auto Components, Hoses, Pipes, Gaskets, Footwear
WATERPROOFING & MATTING	Roofing Sheet, Pond Lining, Road Surfacing, Mats

VALUE PROPOSITION

SUSTAINABILITY

Improved carbon and material footprint of compounds and finished products

PROFITABILITY

Reduced raw material costs
Reduced processing costs

PROCESSING

Improved extrusion rate
Retention of good ageing properties
Reduced splicing defects

COMPETITIVE ADVANTAGE

HIGHER ELONGATION (1.5x)
VERY HIGH TENSILE STRENGTH
VERY LOW VARIANCE OF MOONEY VISCOSITY
LONGER SHELF-LIFE (4 years)
PRE-WEIGHTED PACKAGING

TOLL-DEVULCANISATION SERVICE

Reusing production off-cuts through toll devulcanisation



POLYMERS PROCESSEABLE

NR
SBR
NBR
IIR
EPDM

VALUE PROPOSITION

SUSTAINABILITY
Improved carbon and material footprint of compounds and finished products

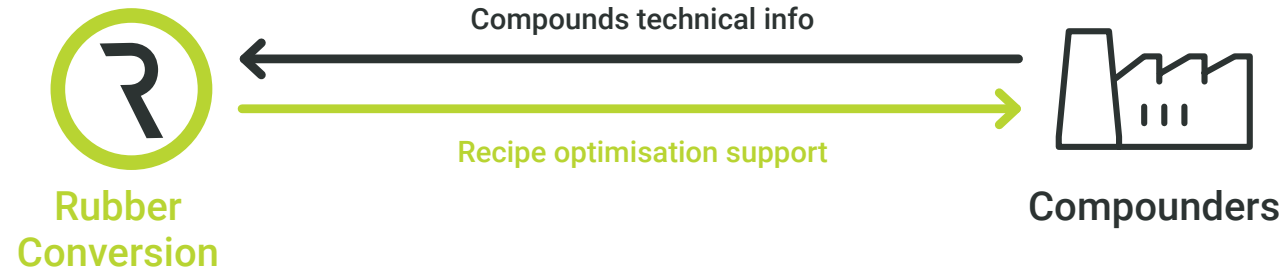
PROFITABILITY
Reduced raw material costs
Reduced waste management costs

BUSINESS MODEL
Value-added service to clients

COMPETITIVE ADVANTAGE

BROAD SPECTRUM OF PROCESSEABLE POLYMERS
HIGHER REUTILISATION RATE ACHIEVABLE
WHOLE SUPPLY CHAIN CERTIFIED
MATERIAL TRACKING

TECHNICAL SUPPORT



Analysis of clients' technical requirements
 Support for recipe optimisation
 Custom packaging
 Analysis of environmental impact of compound or finished product
 Set up of dedicated collection and reverse logistics networks for production off-cuts or end of life products

Rubber Conversion is a subsidiary company of Innovando, a leading Italian company providing global service solutions for industrial waste management. Through its extensive network of carefully selected collection and treatment service providers and its proprietary cloud-based platform that simplifies planning and management of waste operations and enact full waste traceability throughout the supply chain, Innovando supports industrial waste owners and producers with all their operational and regulatory obligations. Rubber Conversion leverages Innovando's capability to provide collection and take back services to its clients.



Certified Logistic



Real Time Material Tracking



Online Document Management

PLANT & PRODUCTION



INDUSTRY LEADING TECHNOLOGY

PROCESS

Mechanical sheer driven activated by a powdered devulcanising agent

QUALITY

Fully Automated, PLC driven
 Internal lab for quality control and R&D

PRODUCTION

Standard grades
 Custom grades on clients requirements

- Rubber conversion uses an innovative, patented technology for devulcanising rubber compounds
- The technology is based on a ambient-temperature, ambient-pressure mechanical shear process, activated by a green, powdered devulcanising agent, that selectively breaks sulphur crosslinks leaving the mechanical properties of the compound intact
- The process has a low carbon footprint and it is environmentally friendly
- Rubber Conversion adheres to strict quality control norms ensuring right material supplies to its customers

Rubber Conversion S.r.l.

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