



GREENMANTRA

TECHNOLOGIES

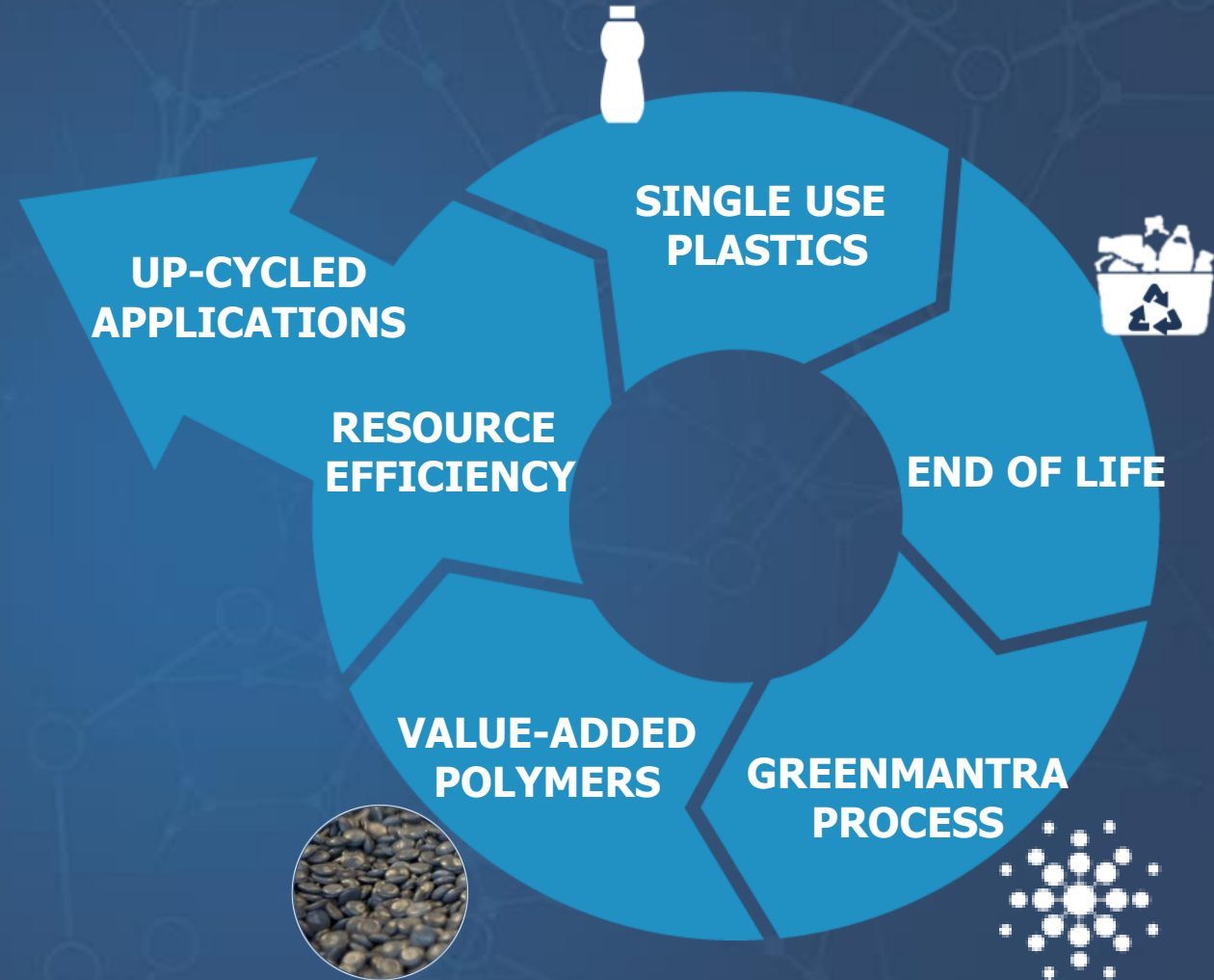
Sustainable polyolefin performance additives

SEP 2019



GREENMANTRA TECHNOLOGIES – *UP-CYCLING IMPROVES THE CIRCULAR ECONOMY*

UP-CYCLING
transforms recycled
materials into new
products of
**HIGHER VALUE
AND GREATER
FUNCTIONALITY**





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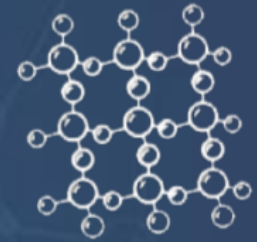
PARADIGM SHIFT ...A BETTER OUTLET FOR RECYCLED PLASTIC

Traditional

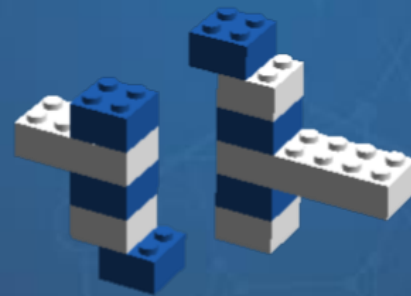
GreenMantra

POLYMERIZATION

DEPOLYMERIZATION



Oil Refining



Specialty Polymers









Recycled Plastics



GREENMANTRA PE AND PP POLYMER ADDITIVES – *UP-CYCLING = SAVINGS, PERFORMANCE, EFFICIENCY*

When added to a formulation in the range of 1.0 – 4.0 %, **GREENMANTRA's** specialty polymer additives provide the following benefits in these various applications:

	 ROOFING	 BITUMEN MODIFICATION	 PLASTIC PROCESSING
DELIVER 6 FIGURE FORMULATION AND OPERATIONAL COST SAVINGS	<ul style="list-style-type: none">• Lower formulation costs• Formulation flexibility• Processing efficiencies	<ul style="list-style-type: none">• Manage asphalt variability• Upgrade asphalt quality• Longer road lifetime	<ul style="list-style-type: none">• Formulation flexibility• Increased throughput• Energy efficiency
IMPROVE PRODUCT PERFORMANCE	<ul style="list-style-type: none">• Increased strength• Greater thermal stability	<ul style="list-style-type: none">• Improved rut resistance• Greater thermal stability	<ul style="list-style-type: none">• Increased strength• Improved flexibility• Surface defect reduction
100% SUSTAINABLE			



MADE WITH 100% RECYCLED CONTENT
PRE-CONSUMER AND POST-CONSUMER

GREENMANTRA additives
are certified by SCS Global
Services as 100% recycled
content



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Thank you!