



AVIENT CORPORATION

(NYSE: AVNT)

**BAIRD
SUSTAINABILITY
CONFERENCE**

FEBRUARY 23, 2021



WALTER RIPPLE

VICE PRESIDENT, SUSTAINABILITY



- 28 Years Industry Experience
- Bachelors of Chemistry, Texas A&M University
- Executive MBA, University of Michigan
- Former VP & General Manager, Global GLS TPE Business
- 2+ years Vice President, Sustainability

SUSTAINABILITY AT AVIENT

OUR MISSION

ENABLE OUR CUSTOMERS' INNOVATION AND SUSTAINABILITY GOALS THROUGH WORLD CLASS PRODUCTS AND SERVICES AND EXCELLENCE IN THE FOUR CORNERSTONES OF:



PEOPLE



PRODUCTS










PLANET



PERFORMANCE

2030 SUSTAINABILITY TARGETS

-  Enable 100% of products manufactured for packaging applications to be recyclable or reusable.
-  100% of technology platform projects will deliver sustainable solutions.
-  Reduce Scope 1 & 2 greenhouse gas emissions by 35%.
-  Reduce waste to landfill by 35%.
-  Obtain 40% of electricity demand from renewable sources.
-  Assess top 90% of supplier spend for alignment with Avient Sustainability objectives.
-  Develop and implement solutions to end plastic waste while supporting AEPW \$1.5B investment in key initiatives.

PRODUCTS

8 WAYS WE HELP CUSTOMERS BE MORE SUSTAINABLE



Lightweighting



Bio-derived
Content



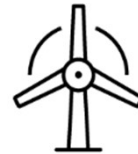
Reduced
Energy Use



Eco-conscious



Volatile
Organic Compound
Reduction



Renewable
Energy
Applications



Recycling

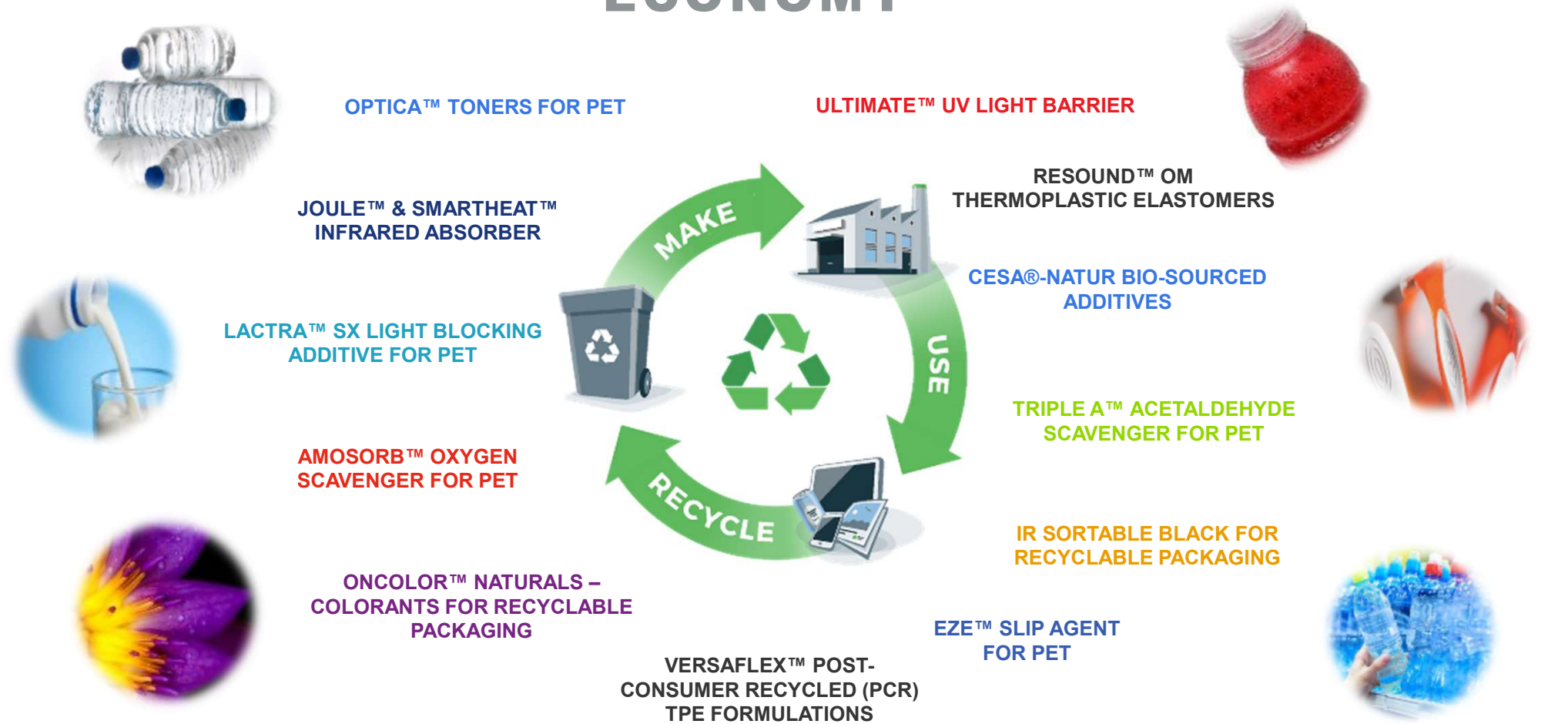


Reduced
Material
Requirements

TRENDS IN FOCUS



SUSTAINABLE SOLUTIONS FOR THE CIRCULAR ECONOMY





AVIENT CYCLEWORKS

INNOVATION CENTER TO ADVANCE
THE CIRCULAR ECONOMY



- Laboratory mimics real-world **circular recycling** in a research environment
- Conducts chemistry testing to **improve plastics recycling** for customers
- **Screening** and **evaluation** of additive and colorant systems during recycling
- **Collaboration** platform for customers and value chain partners

AVIENT ENABLES CUSTOMERS' CIRCULAR ECONOMY GOALS

COLORMATRIX™ PROCESS AID & TONER FOR RECYCLED PET



100%
rPET content



25%
Reduction in
cycle time



Improved
aesthetics from
optical toner



LIGHTWEIGHTING

WHAT'S HAPPENING

PLASTICS ARE:

up to
83%
lighter than




STEEL

up to
52%
lighter than



ALUMINUM



REDUCE CARBON EMISSIONS



BETTER FUEL ECONOMY



REDUCED PLASTIC

AVIENT SOLUTIONS



**COMPLÈT™ LFT
ENGINEERED RESINS**



**POLYSTRAND™ TAPES
AND LAMINATES**



**NYMAX™ NYLON
FORMULATIONS**



**HYDROCEROL® CHEMICAL
FOAMING AGENTS**

AVIENT SOLUTIONS ENABLE LIGHTWEIGHT DASHBOARD SKINS

HYDROCEROL® FOAMING AGENT SOLUTIONS



20%
Reduction in weight
of dashboards



20%
Reduction In Cycle
Time/Energy



Reduced CO₂
emissions



ECO-CONSCIOUS

WHAT'S HAPPENING



**SAFER & CLEANER
MATERIALS**



**HUMAN HEALTH &
SAFETY**



**RESOURCE
CONSERVATION**

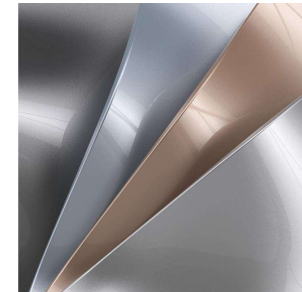


**ECO-CONSCIOUS
ALTERNATIVES**

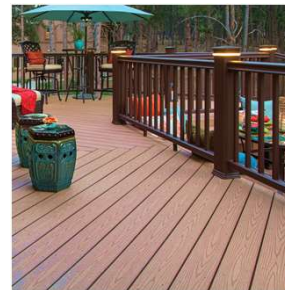
AVIENT SOLUTIONS



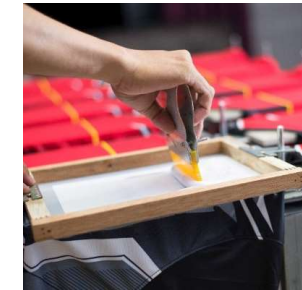
**MAGIQ™ FIBER
COLORANTS & ADDITIVES**



**ONCOLOR™ BRILLIANT
METALLIC COLORANTS**



**ONCOLOR™ WPC CAPSTOCK
TECHNOLOGY**



**ZODIAC™ AQUARIUS™
WATER BASED
SCREEN PRINTING INKS**

AVIENT ECO-CONSCIOUS SOLUTIONS IMPROVE FACE MASK PERFORMANCE

MAGIQ™ ELECTRET PLUS TECHNOLOGY



Improved
filtration efficiency



Protects
against aerosols &
bacteria particles



Increased
shelf-life



PLANET

KEY PERFORMANCE INDICATORS

2016-2019

56 ENERGY REDUCTION PROJECTS SAVE

7400+

MT/CO₂ ANNUALLY



ASSESE, BELGIUM



PUNE, INDIA

ENERGY INTENSITY

9%
DECREASE



WASTE INTENSITY

2%
DECREASE



WATER INTENSITY

20%
DECREASE



TOTAL CO₂ EMISSIONS

29%
DECREASE



2,477
LSS Projects Executed



56
Energy Saving Projects



46
Waste Reduction Projects



ALLIANCE TO END PLASTIC WASTE



- Avient is a founding member
- Cross value chain collaboration
- Driving breakthrough innovations



INFRASTRUCTURE



INNOVATION



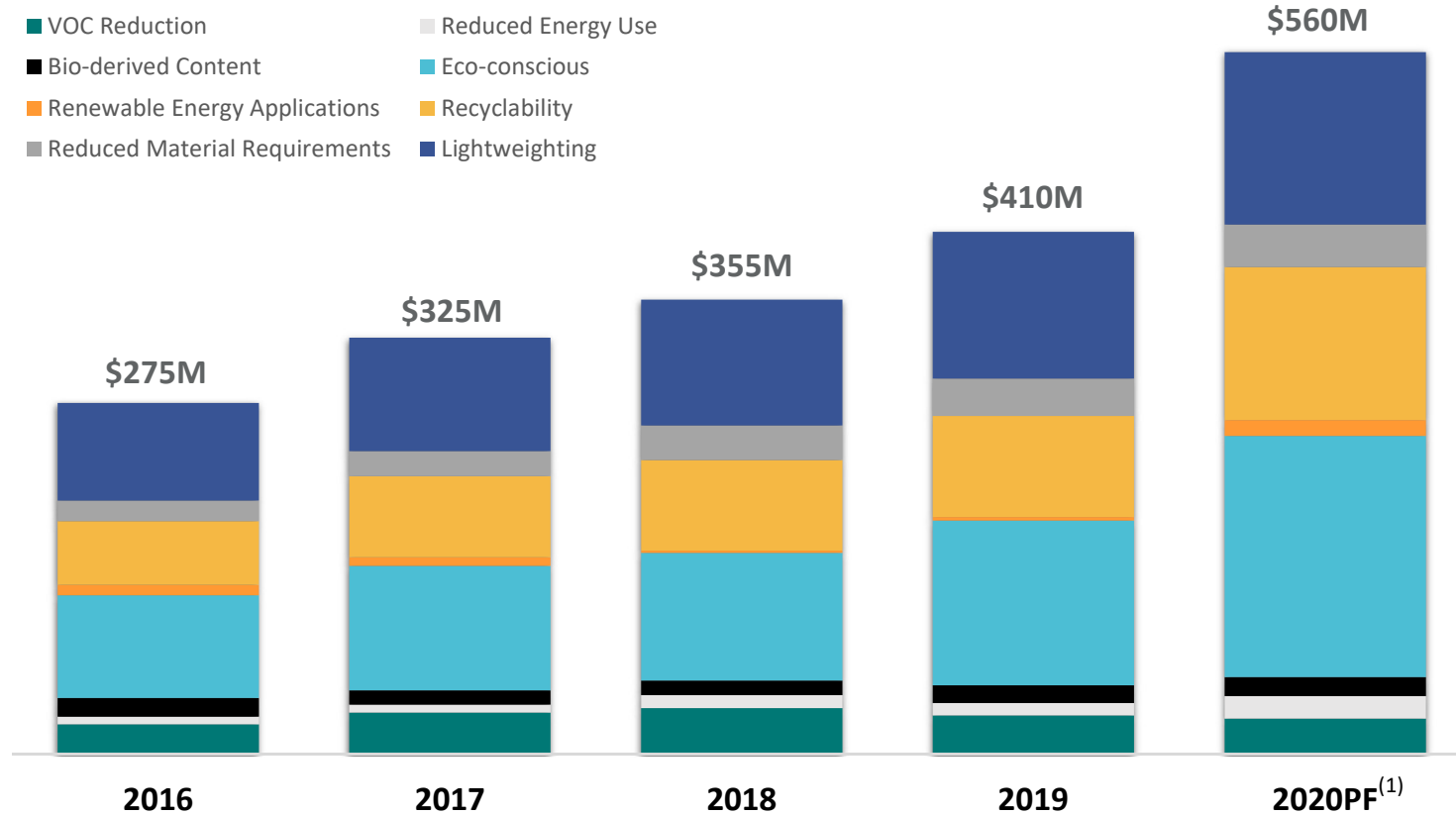
EDUCATION



CLEAN UP



REVENUE FROM SUSTAINABLE SOLUTIONS



Revenue from sustainable solutions expected grow at an 8-12% CAGR into the future

(1) Proforma to include a full year of Clariant Masterbatch business acquisition

THANK YOU