

giving a second
chance to **earth**



BARIG-EG



BARIQ.EGYPT



BARIQRPET

WWW.BARIG-EG.COM

— INTRO RESOURCE RECOVERY

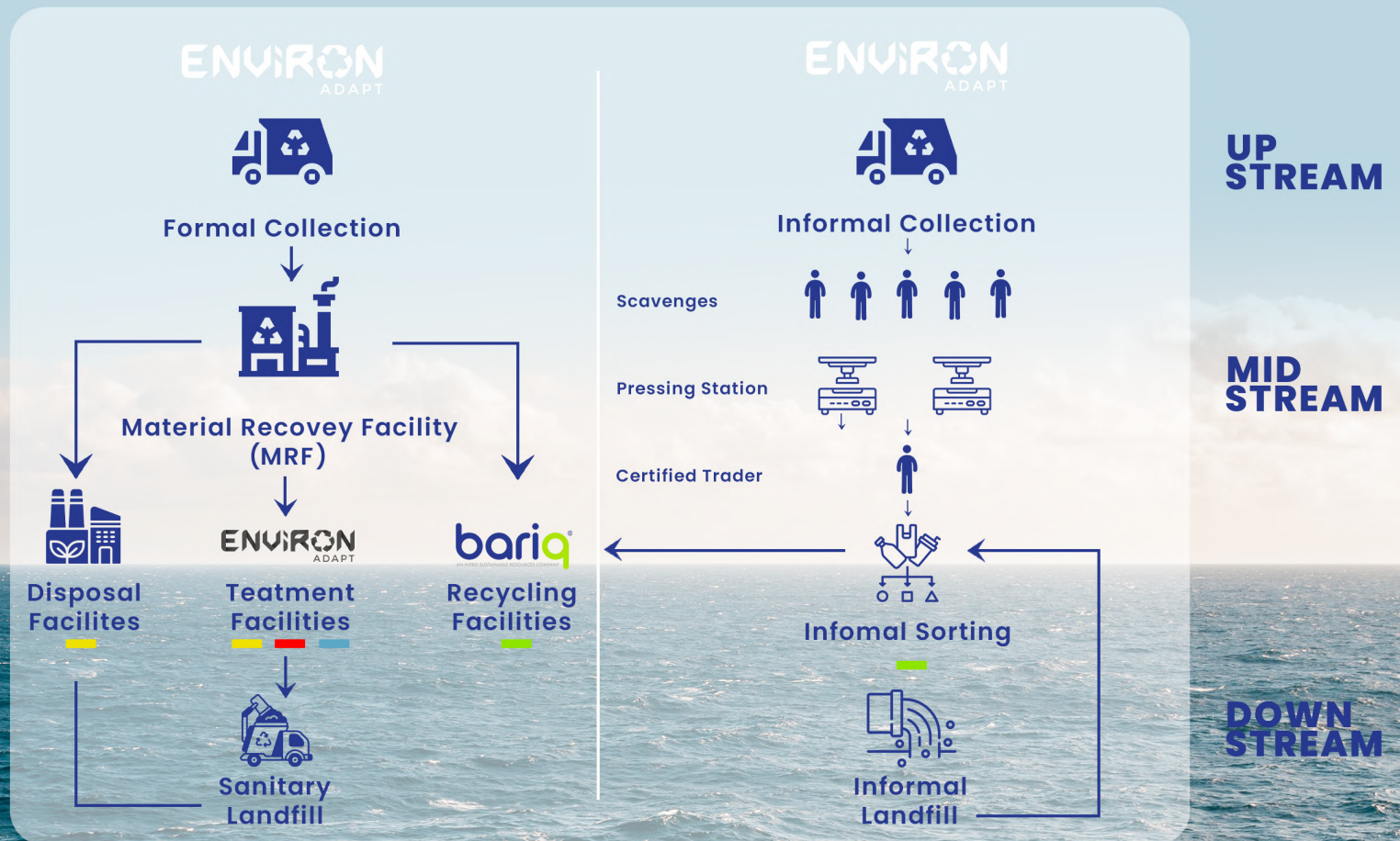
WASTE VALUE CHAIN

ALTERNATIVE FUELS

ORGANIC

VALUABLES

ENERGY



FIRST & BIGGEST PET RECYCLING FACTORY IN MIDDLE EAST & AFRICA

Bariq caters major international bottle and food container makers and major fibers producers throughout **Europe** and the **United States**. These bottles would otherwise have likely become part of the landfill or burnt. **Bariq's** Pellets are proudly approved by international regulators including the **U.S. Food and Drug Administration (FDA)**, the **European Food Safety Authority (EFSA)** and **HealthCanada** and being exported to Europe and USA to be used by major brand owners in line with their sustainability commitments.

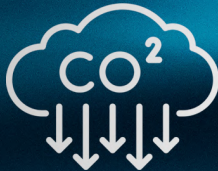


BUILDING THE BIGGEST RECYCLING FACTORY IN AFRICA & MIDDLE EAST BY 2023

Our Vision has always been to keep the oceans blue and the planet green. 10 years ago we established the first bottle to bottle recycling plant in the **MENA** region. Now, in partnerships with the top machinery suppliers globally, **Starlinger, Co GmbH** and **TOMRA**, we signed the contracts of building the biggest recycling plant in the Middle East and Africa. This will raise our capacity to **70,000 Tons** of Food Grade rPET by recycling **9 billion bottles**. Not to mention, saving **160,000 tons** of CO² emissions



50 to recycle
Billion
Bottles

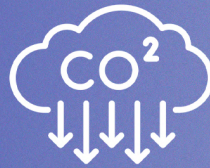


save
1 Million
Tons
of CO² emissions

OUR IMPACT



15 Billion
Bottles Recycled



260,000
Tons Emission Mitigated



+6000
Direct & Indirect Jobs



87 % Less
Emissions Than PET



12 Global
Certificates



BARIQ CERTIFICATES



BARIQ CLIENTS



Unilever



PEPSICO



Nestlé

L'ORÉAL



SAN BENEDETTO

San Miguel



niagara

OUR PRODUCTS

Bariq products are processed with top notch equipment with the highest technology in the market

Bariq's products are complying with the highest quality standards, while applying world class quality assurance and traceability international standards

QPET 76

Property	Specs	Test Method
IV (dl/g)	0.76 ± 0.03	ASTM D 1238
L*	72 ≤ L ≤ 75	ASTM E 313-98
a*	-4.5 ≤ a ≤ -3.5	ASTM E 313-98
b*	-3 ≤ b ≤ 1	ASTM E 313-98
Bulk Density (kg/m³)	900 ± 50	BQ/QC-03
Particle Size (pcs/g)	50-60	BQ/QC-04
Moisture	< 0.2 %	ASTM D 6980

Food grade additive is used to enhance color values values
Anti Yellow with optical brighter

QPET 80 resin

Property	Specs	Test Method
IV (dl/g)	0.80 ± 0.03	ASTM D 1238
L*	72 ≤ L ≤ 75	ASTM E 313-98
a*	-4.5 ≤ a ≤ -3.5	ASTM E 313-98
b*	-3 ≤ b ≤ -1	ASTM E 313-98
Bulk Density (kg/m³)	900 ± 50	BQ/QC-03
Particle Size (pcs/g)	50-60	BQ/QC-04
Moisture	< 0.2 %	ASTM D 6980
Acetaldehyde	< 1 ppm	ASTM F 2013
Benzene	< 0.1 ppm	ASTM F 2013

Food grade additive is used to enhance color values values
Anti Yellow with optical brighter

OUR CERTIFICATES



Health
Canada



EuCertPlast



OUR PRODUCTS

QPET 84

Property	Specs	Test Method
IV (dl/g)	0.84 ± 0.03	ASTM D 1238
L*	72 ≤ L ≤ 75	ASTM E 313-98
a*	-4.5 ≤ a ≤ -3.5	ASTM E 313-98
b*	-3 ≤ b ≤ -1	ASTM E 313-98
Bulk Density (kg/m³)	900 ± 50	BQ/QC-03
Particle Size (pcs/g)	50-60	BQ/QC-04
Moisture	< 0.2 %	ASTM D 6980
Acetaldehyde	< 1 ppm	ASTM F 2013
Benzene	< 0.1 ppm	ASTM F 2013
Melting Point	240-250 Degree Celsius	UNE-EN ISO 11357-3

Food grade additive is used to enhance color values values
Anti Yellow with optical brighter

Non-Food Grade Products

QPET 65 – Fiber Grade

Property	Specs	Test Method
IV (dl/g)	0.65 ± 0.05	ASTM D 1238
Bulk Density (kg/m³)	900 ± 50	BQ/QC-03
Particle Size (pcs/g)	50-60	BQ/QC-04
Moisture	< 0.4 %	ASTM D 6980
Dust	< 0.1 %	BQ/QC-05

Food grade additive is used to enhance color values values
Anti Yellow with optical brighter

rPET Flakes

Property	Specs.	Test Method
PVC	≤20	ASTM D5991
PO	≤20	BariQ Internal method
Paper	≤10	BariQ Internal method
Glue	≤4000	BariQ Internal method
Bulk Density (kg/m³)	300 ± 50	ASTM D1895-96
Metals	50-60	BariQ Internal method
Δ PH	<1	BariQ Internal method
Moisture	0.4-0.6	ASTM D6980
Color	< 20 ppm	BariQ Internal method
Y-Flakes	≤1500	BariQ Internal Method
Intrinsic Viscosity (dl/g)	0.70 ± 0.03	ASTM D1238

Food grade additive is used to enhance color values values
Anti Yellow with optical brighter

OUR CERTIFICATES



Health
Canada

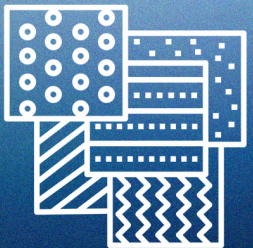




QPET 84 APPLICATIONS ***SODA BOTTLES***



QPET 80 QPET 76 APPLICATIONS ***WATER BOTTLES***



APET APPLICATIONS ***FIBERS & TEXTURES***