#tide
OCEAN MATERIAL

QUALITY SUPPLIER OF OCEAN-BOUND PLASTIC

#who is #tide?

tide ocean SA is a plastic upcycling company based in Switzerland with offices in Thailand, Hong Kong, the USA, and, starting in 2023, Mexico.

In collaboration with scientists from the Swiss University of Applied Sciences in Rapperswil, #tide has developed a mechanical solution to regenerate the molecules of damaged plastic waste into a premium raw material made of **100% ocean-bound plastic.**

#tide ocean material is an award-winning recycled resource that stands out for its versatility. It can be used in a wide range of applications from the food, electronics, and fashion industries to interior design.

#tide meets the highest standards in traceability and credibility by controlling the entire supply chain. The origin of the material is tracked on a blockchain-based platform.

#tide cares about the environment and people. That's why the company improves the quality of life for underprivileged communities through employment opportunities, social services, and educational programs, protects the environment in vulnerable regions and supports sea turtle programs.

#tide is the label for responsible plastic use.
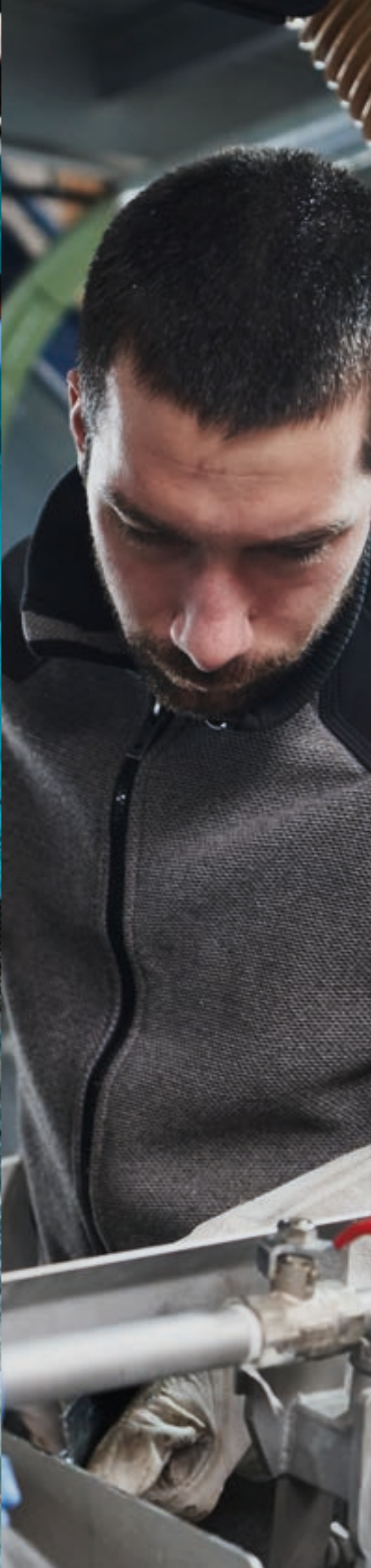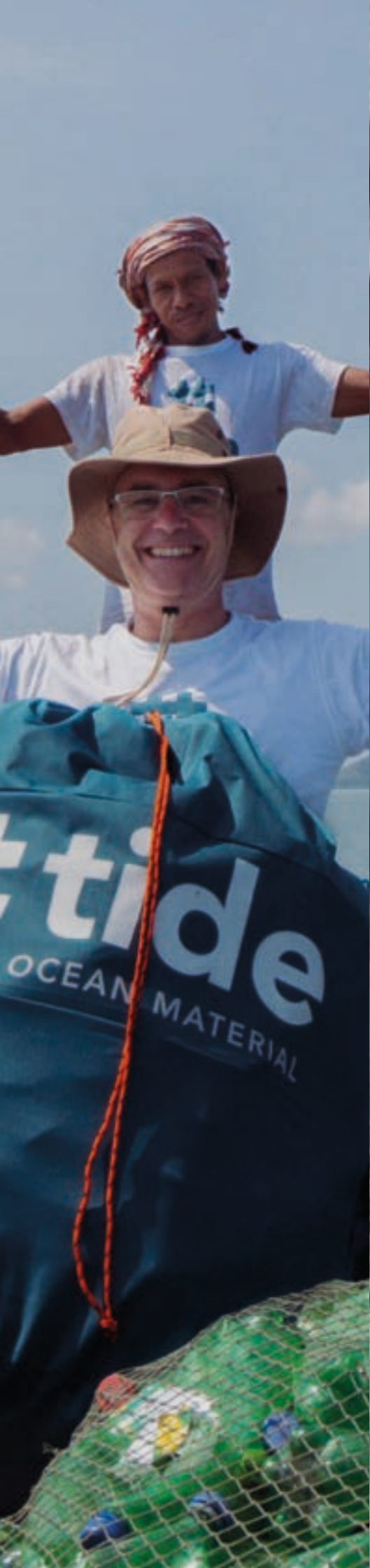
#products

rPET GRANULES

TECHNICAL PROPERTIES		
polymer	**rPET80**	**rPET65**
item number	G1.00.80PET.NC.XX00	G1.00.65PET.NC.XX00
color	crystal clear	crystal clear
pellets/ length end thickness	~ 4mm	~ 4mm
IV	80	65 - 70
bulk density (g/cm3)	1.32 - 1.35	1.32 - 1.38
REACH & RoHS tested	yes	yes
FDA (Food Safety Aurhotity)	yes	yes
EFSA (EU Food Safety Aurhotity)	yes	yes

#products

rPET GRANULES W/ ADDITIVES

TECHNICAL PROPERTIES		
polymer	**rPET +20% GF**	**rPET TIO2**
item number	G1.00.65PET.NC.GF20	G1.65.00PET.NC.TI03
color	clear grey	light grey opaque
pellets/ length end thickness	~ 4mm	~ 4mm
IV	65 - 70	65
bulk density (g/cm3)	1.39 - 1.43	1.32 - 1.38
REACH & RoHS tested	yes	yes
FDA (Food Safety Aurhotity)	yes	no
EFSA (EU Food Safety Aurhotity)	no	no

#products

rPP GRANULES

TECHNICAL PROPERTIES			
polymer	**rPP6**	**rPP15**	**rPP30**
item number	G1.06.00PP.NC.XX00 G2.06.00PP.NC.XX00	G1.15.00PP.NC.XX00 G2.15.00PP.NC.XX00	G1.30.00PP.NC.XX00 G2.30.00PP.NC.XX00
color	natural	natural	natural
pellets/ length end thickness	~ 4mm	~ 4mm	~ 4mm
MFR	**6 ± 2**	**15 ± 4**	**30 ± 4**
bulk density (g/cm3)	0.90 - 0.92	0.90 - 0.92	0.90 - 0.92
REACH & RoHS tested	yes	yes	yes
FDA **(Food Safety Aurhotity)**	**no**	**yes**	**no**
EFSA **(EU Food Safety Aurhotity)**	**no**	**no**	**no**

#products

rPP GRANULES W/ ADDITIVES

TECHNICAL PROPERTIES		
polymer	**rPP15 +20% GF**	**rPP30 +20%GF**
item number	G1.15.00PP.NC.GF20 G2.15.00PP.NC.GF20	G1.30.00PP.NC.GF20 G2.30.00PP.NC.GF20
color	natural	natural
pellets/ length end thickness	~ 4mm	~ 4mm
MFR	**15 ± 4**	**30 ± 4**
bulk density (g/cm3)	1.01 - 1.05	1.01 - 1.05
REACH & RoHS tested	yes	yes
FDA (Food Safety Aurhotity)	**yes**	**no**
EFSA (EU Food Safety Aurhotity)	**no**	**no**

#products

rHDPE GRANULES

TECHNICAL PROPERTIES	
polymer	**rHDPE**
item number	**G2.00.30HDPE.NC.XX00**
color	**natural**
pellets/ length end thickness	~ 4mm
MFR	**0.3 - 0.5**
bulk density (g/cm3)	0.95 - 1.00
REACH & RoHS tested	yes
FDA (Food Safety Aurhotity)	**yes**
EFSA (EU Food Safety Aurhotity)	**no**
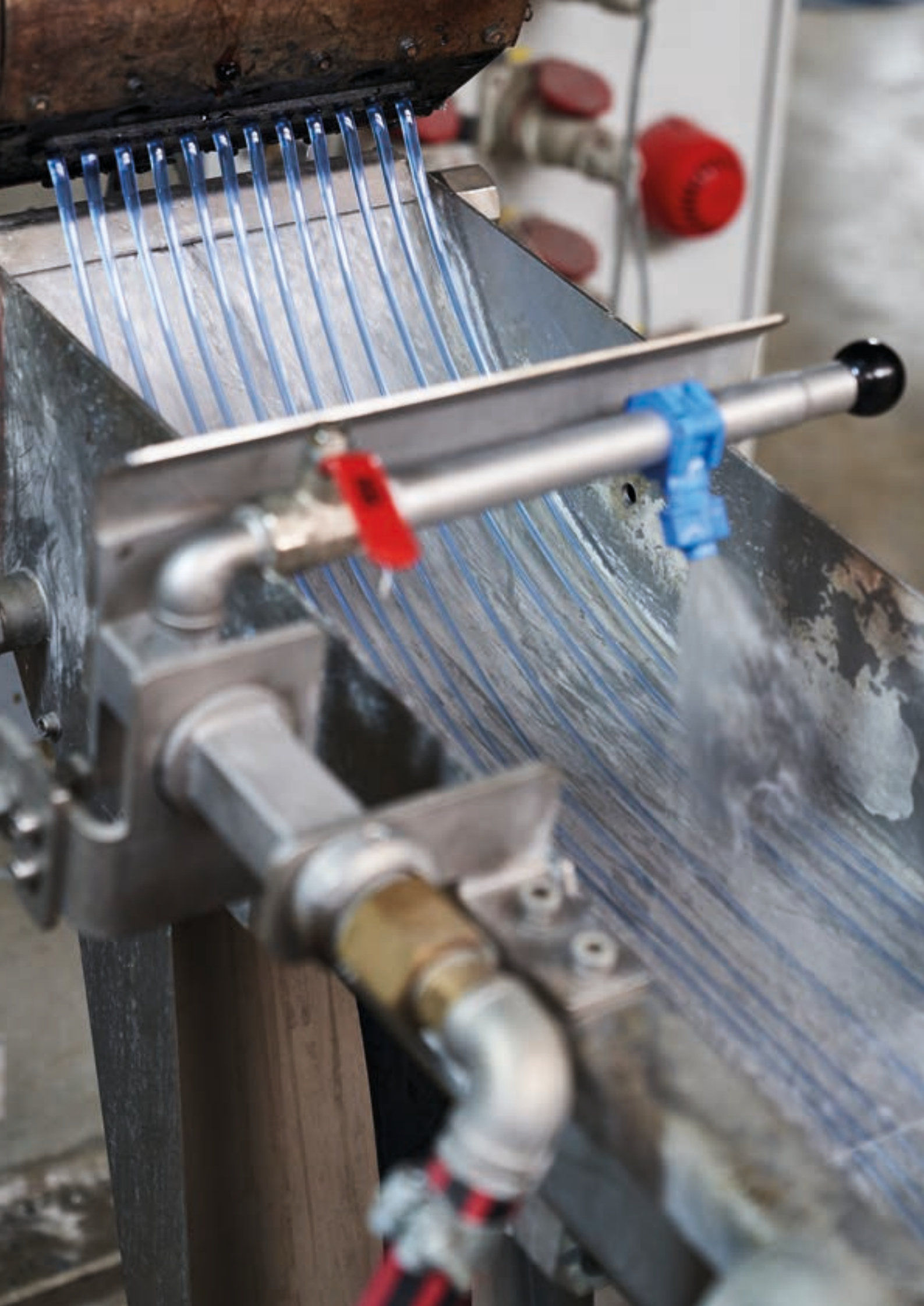
#disclaimer

Any sale by #tide ocean SA®, its subsidiaries and affiliates (each a"seller"), is made exclusively under seller's standard conditions of sale (available upon request) unless agreed otherwise in writing and signed on behalf of the seller. While the information contained herein is given in good faith, seller makes no warranty, express or implied, including merchantability and non-infringement of intellectual property, nor assumes any liability, direct or indirect, with respect to the performance, suitability, or fitness for intended use or purpose of the products in any application.
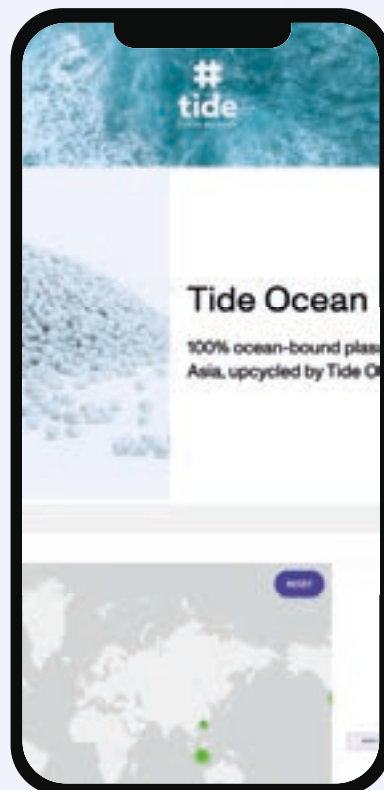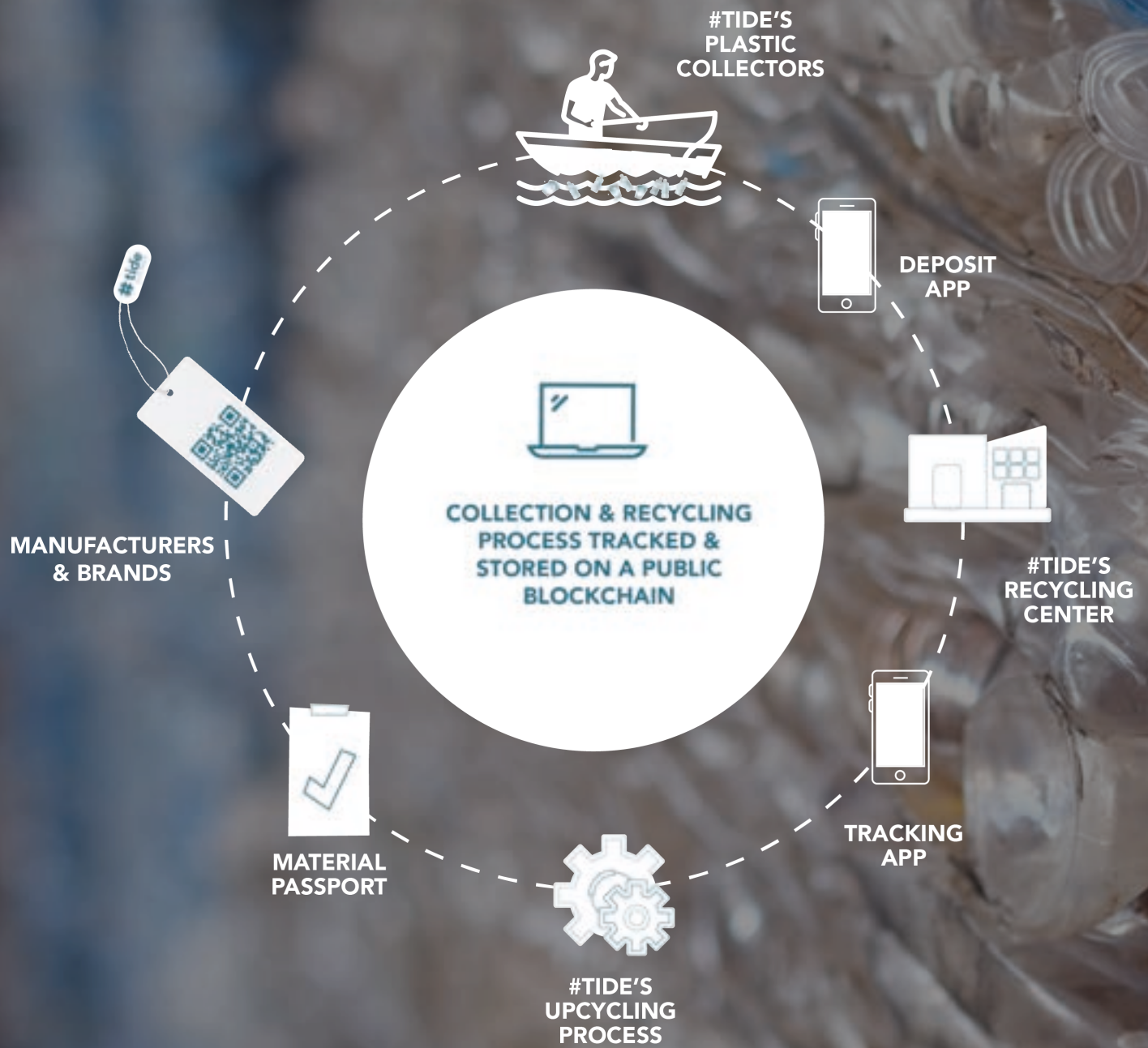
#material passport

Transparency is key for us. That's why we have partnered with a company to build a tracking solution based on blockchain technology.

This allows us to seamlessly track our #tide ocean material® from the collection point to the buyer and even to the end customer.

The tracking data allows us to create a material passport showing the material's **full journey** through our supply chain from plastic waste to the end product.

The material passport is accessible through a **QR code**. It provides data (dates; volumes; images, etc.) and complies with future legislation on circularity.

learn more!

tide

Tide Ocean

100% ocean-bound plas Asia, upcycled by Tide O

#TIDE'S
PLASTIC
COLLECTORS

DEPOSIT
APP

#TIDE'S
RECYCLING
CENTER

TRACKING
APP

#TIDE'S
UPCYCLING
PROCESS

MATERIAL
PASSPORT

MANUFACTURERS
& BRANDS

COLLECTION & RECYCLING
PROCESS TRACKED &
STORED ON A PUBLIC
BLOCKCHAIN

#certifications

#tide ocean material®'s supply chain is certified by the Global Recycled Standard and the Recycled Claim Standard.

Additionally, #tide is Ocean Bound Plastic certified.

Strict protocols and codes of conduct are in place to monitor and guarantee our unmatched quality standards.

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