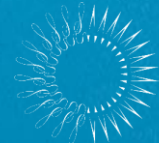


BREAKING THE PLASTIC WAVE:

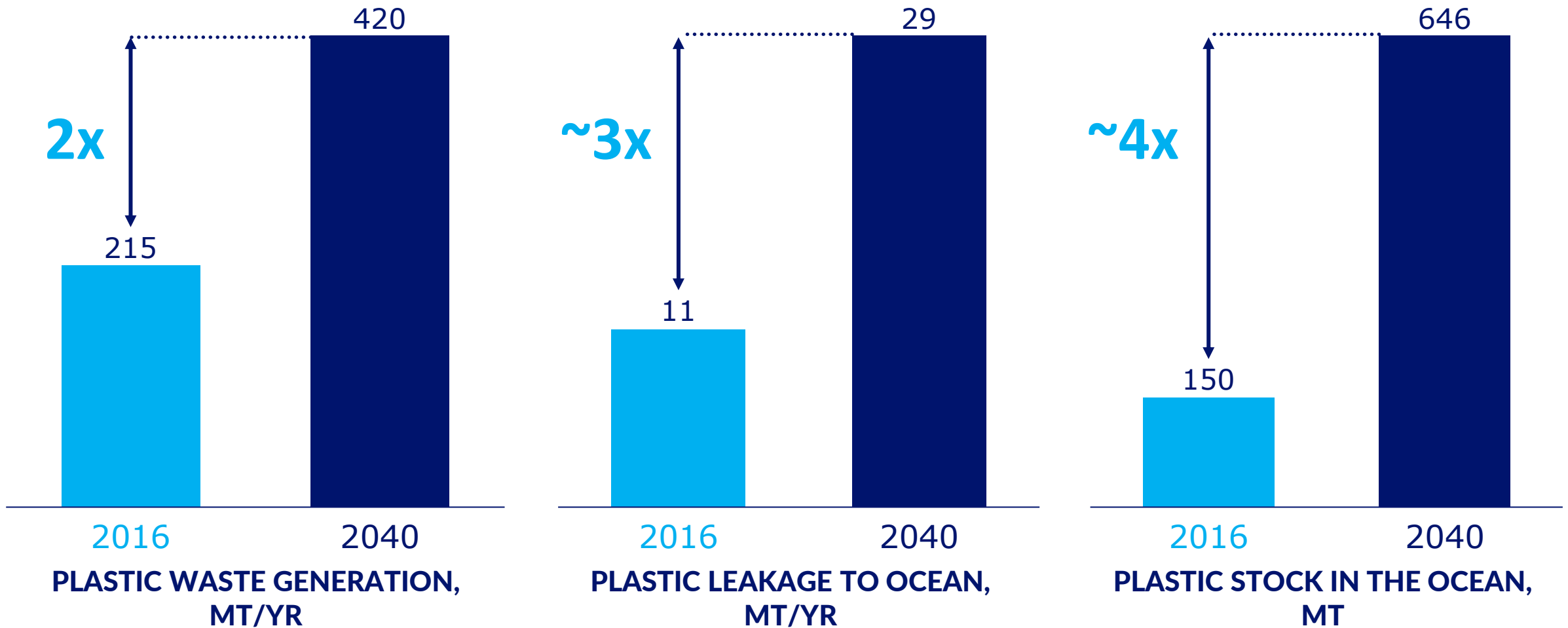
A COMPREHENSIVE ASSESSMENT OF
PATHWAYS TOWARDS STOPPING
OCEAN PLASTIC POLLUTION



THE
PEW
CHARITABLE TRUSTS

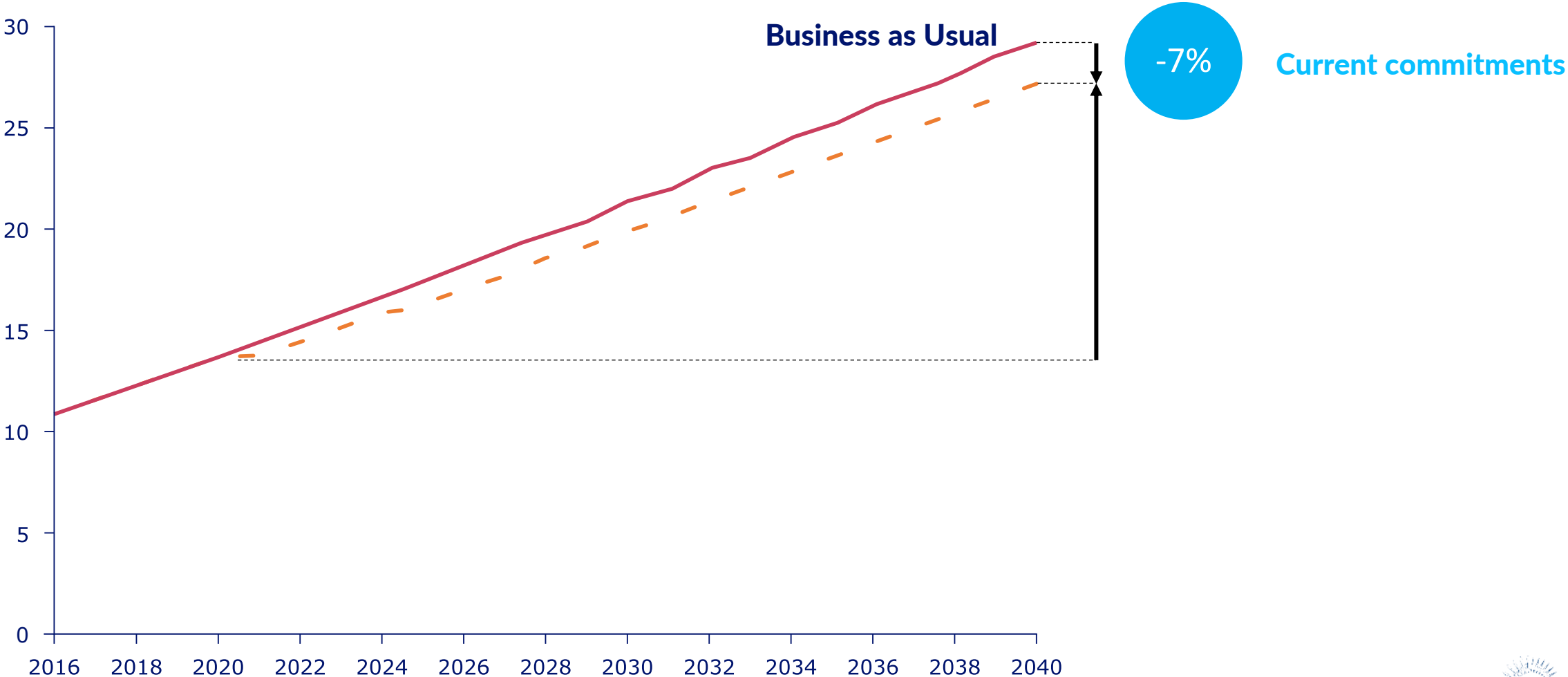
S Y S T E M I Q

BUSINESS-AS-USUAL TRAJECTORY IS UNMANAGEABLE



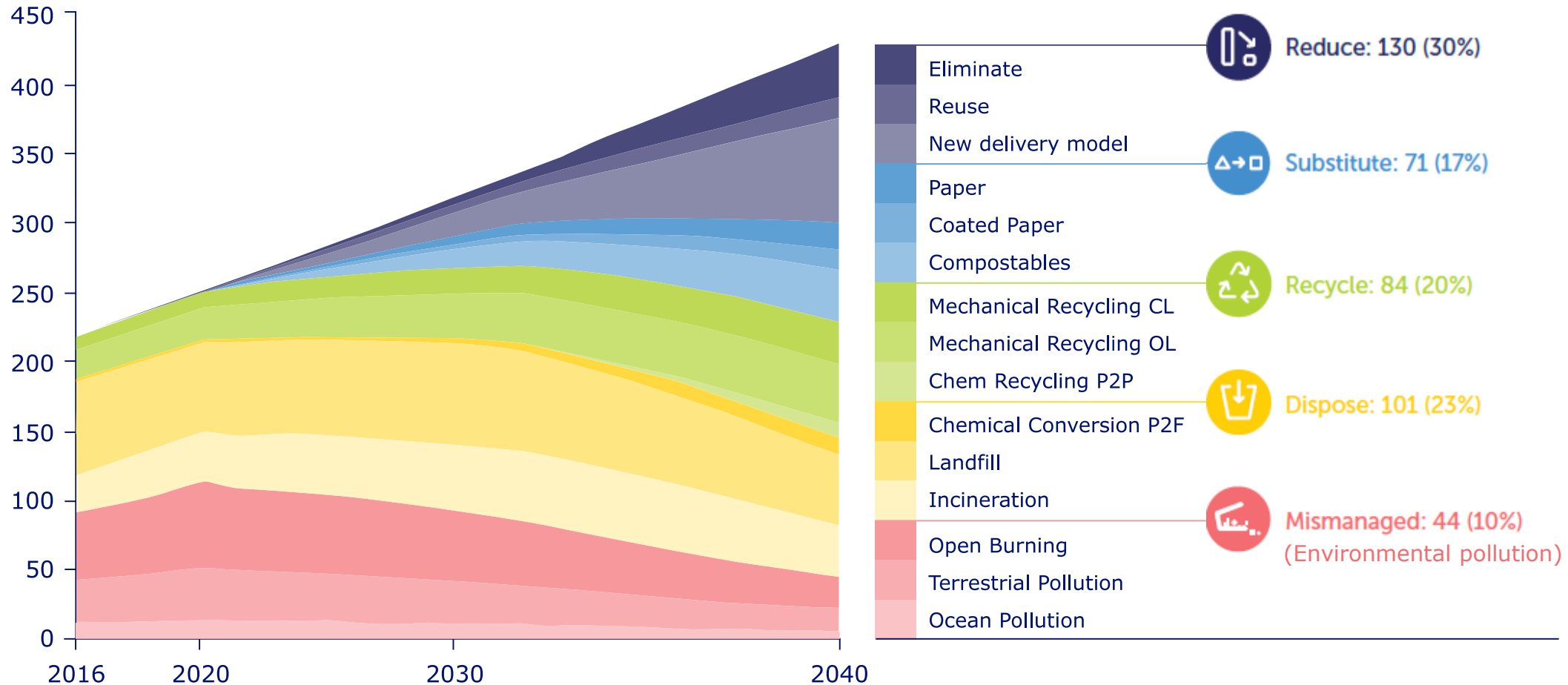
...AND CURRENT COMMITMENTS ONLY REDUCE LEAKAGE BY 7%

LEAKAGE TO THE OCEAN UNDER DIFFERENT SCENARIOS, MT PER YEAR



BUT THERE IS A PATHWAY TO REDUCE PLASTIC POLLUTION

PLASTIC FATE IN THE SYSTEM CHANGE SCENARIO, MT PER YEAR





REDUCTION

Images: [Unsplash-Aserusainhuu](#)

A reduction of plastic production is the most attractive solution from environmental, economic, and social perspectives.

It offers the biggest reduction in plastic pollution, often represents a net savings, and provides the highest mitigation opportunity in GHG emissions.

WHAT DO WE MEAN BY REDUCE?



ELIMINATION

8%



REUSE (CONSUMER)

4%



NEW DELIVERY MODELS

18%

We could fulfil the growing global demand for plastic utility in 2040 with roughly the same amount of plastic in the system as today, and 11% lower levels of virgin plastic production.



HOW ARE BUSINESSES REDUCING PLASTIC USE?

CORPORATE COMMITMENTS ON REDUCTION



- **Total and/or virgin plastic reduction targets**



- **Reuse/refill targets**



- **Restriction of specific polymers**

PLASTIC PACTS



THE ELLEN MACARTHUR FOUNDATION'S PLASTICS PACT NETWORK





HOW CAN TRADE POLICIES SUPPORT BUSINESS & INCENTIVIZE REDUCTION?

TRADE POLICIES



- **Coordinated regional or national bans on certain products or polymers that are problematic**



- **Liberalize tariffs and reduce non-tariffs barriers to trade in goods and services, for example: refillable/reusable products and packaging**



- **Simplification and elimination of border measures e.g. for refillable products, substitutes, recycled products**



- **Reduce subsidies to fossil fuels/virgin plastics production**



- **Facilitate technology transfer for refill and recycling technologies**



- **Transparent reporting on plastic trade flows across the life-cycle of plastic**



THANK YOU

pewtrusts.org/plastics
Any questions? - sbaulch@pewtrusts.org