



Multi-Stakeholder Dialogues

part of the Open-ended Working Group (OEWG)

29 May - 1 June 2022

King Fahd Palace Hotel, Dakar, Senegal & Online

Hybrid Event

Day 1

29 May

10:00 - 15:00 (GMT)

A Life Cycle Approach to
end Plastic Pollution
(3 sessions)

Day 2

30 May

14:00 - 14:45 (GMT)

Just and inclusive
transition to a plastic
pollution-free economy

Day 3

31 May

14:00 - 14:45 (GMT)

Inspiring consumers
action to transform the
plastic value chain

Day 4

1 June

14:00 - 14:45 (GMT)

Upscaling and
redirecting finance,
incentives and trade

Multi-Stakeholder Dialogues

29 May 2022

10:00-11:00



OPENING PANEL

Moderator



Assana Alio

Country Representative
Global Green Growth Institute



Multi-stakeholder dialogue sessions on solutions along the plastics life cycle: **Context Setting**



Inger Andersen

Executive Director
UNEP



Abdou Karim Sall

Minister for the Environment and Sustainable Development
The Government of Senegal



Adja Mame Seyni Diop

Vice President
Association des Récupérateurs et Récupératrices de la Décharge de Mbeubeuss (Bokk Diom)



Prof. Steve Fletcher

Director
Global Plastics Policy Centre
University of Portsmouth



Julia Koskella

Programme Director
SYSTEMIQ

presentation from
Prof. Steve Fletcher

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TOWARDS A ZERO PLASTIC POLLUTION FUTURE

The need for a system change
approach towards plastic pollution

May 29, 2022

Dakar



PLASTIC POLLUTION – WHAT WE KNOW

150 MILLION

Tonnes plastic in the ocean

40%

plastic waste into the environment

500,000

People to be connected per day until 2040 to close the collection gap

21%

of plastics are economically recyclable

Source: Jambeck 2015 "Plastic waste inputs from land into the sea"; Material Economics; Breaking the Plastic Wave model

A UNEP “SPOTLIGHT” PLASTICS REPORT TO INFORM THE INC



OBJECTIVE

To provide decision-makers with evidence-based insights on **ambition levels**, **trade-offs**, and **solution levers** for a global instrument on plastics



AUDIENCE

- **Negotiators** and government technical experts
- **Industry** and other actors



TIMELINE

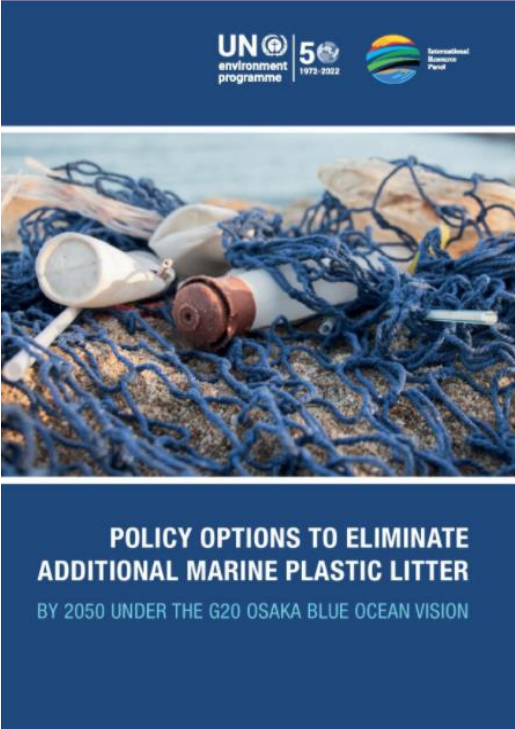
Publication by **September**

OUR ANALYSIS DRAWS ON THE BEST AVAILABLE SCIENCE AND EVIDENCE ON THIS TOPIC

Breaking the Plastic Wave:
Pew Charitable Trusts,
SYSTEMIQ July 2020



Policy Options to Eliminate Additional Marine Plastic Litter by 2050 Under the G20 Osaka Blue Ocean Vision
IRP, UNEP, Jul 2021

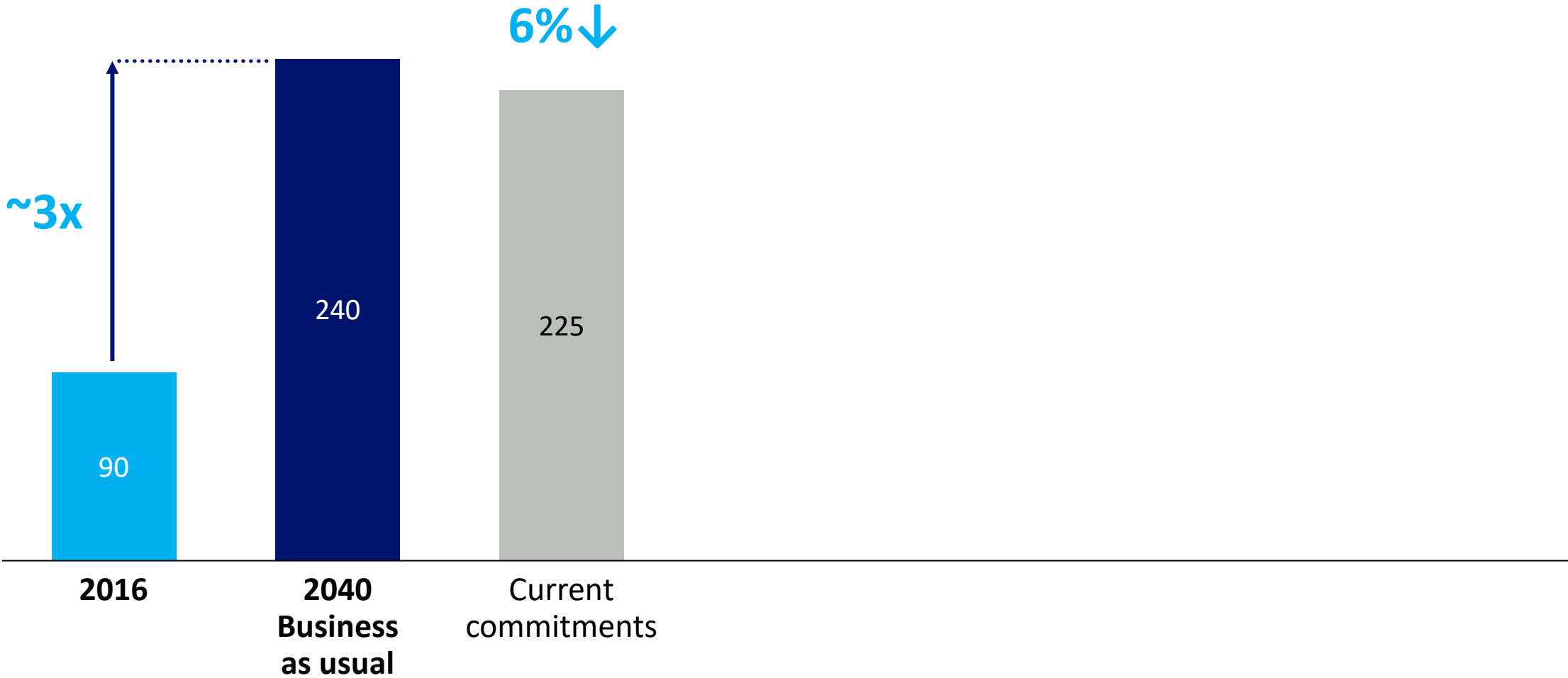


From Pollution to Solution: A Global Assessment of Marine Litter and Plastic Pollution
UNEP, Oct 2021



THERE ARE NO “SILVER BULLETS” TO END PLASTIC POLLUTION

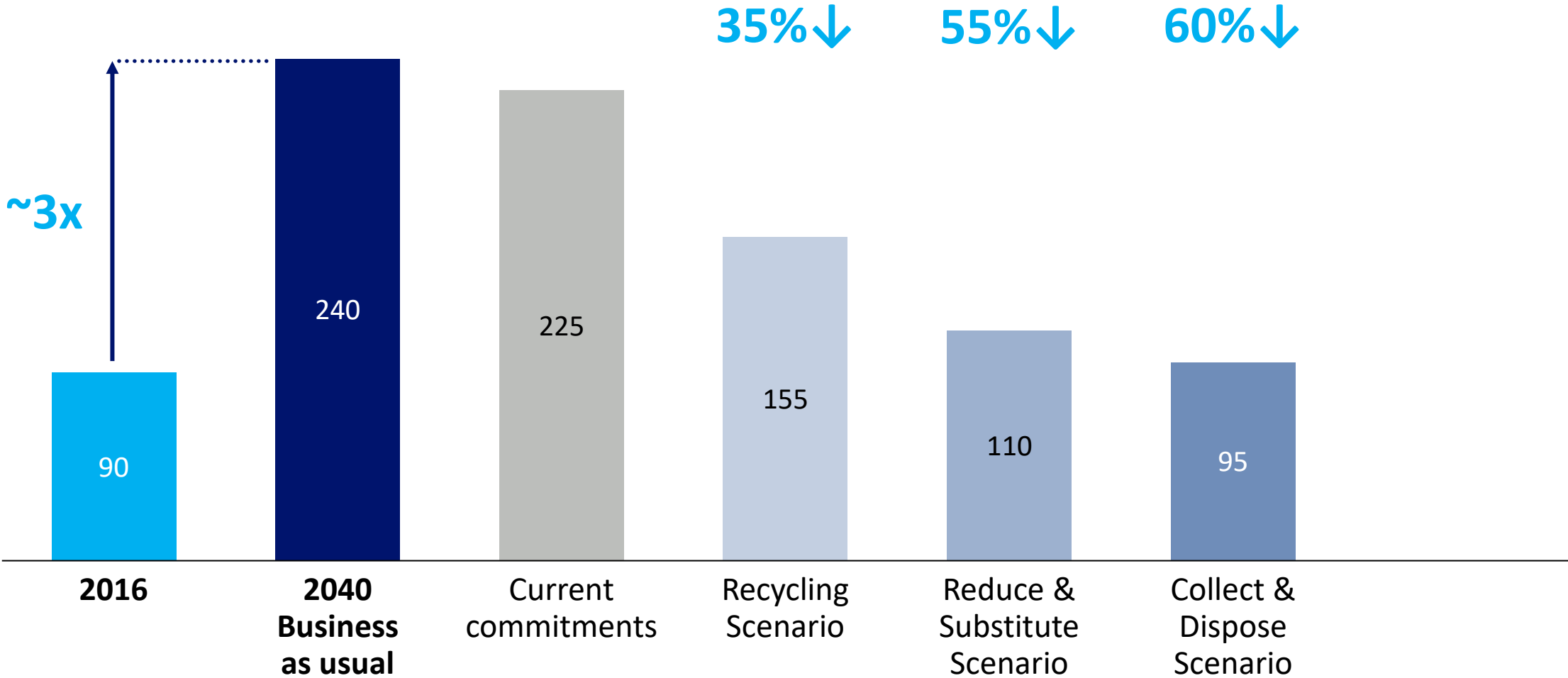
Environmental plastic pollution, Mt per year by 2040



Source: Breaking the Plastic Wave, Pew Charitable Trusts, SYSTEMIQ (2020)

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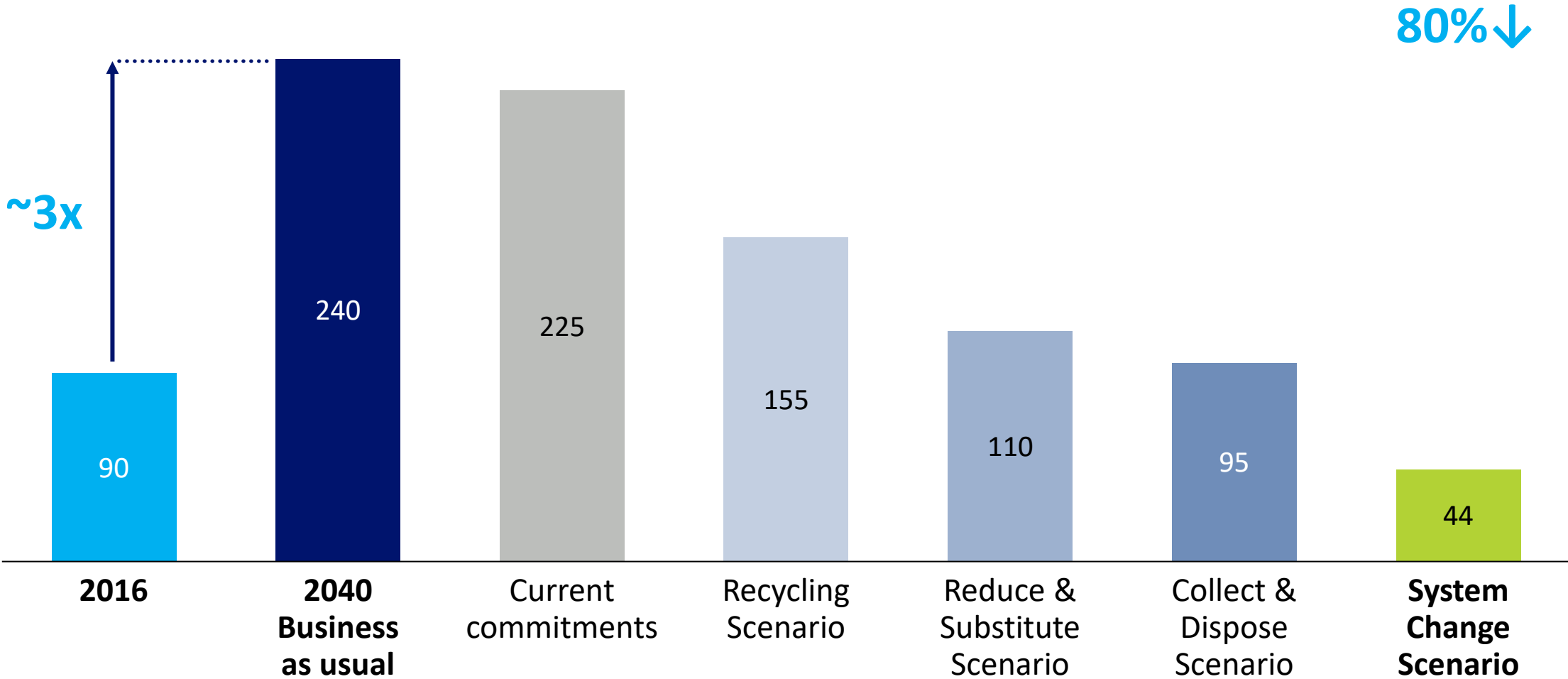
Environmental plastic pollution, Mt per year by 2040



Source: Breaking the Plastic Wave, Pew Charitable Trusts, SYSTEMIQ (2020)

A SYSTEM CHANGE AMBITION IS REQUIRED

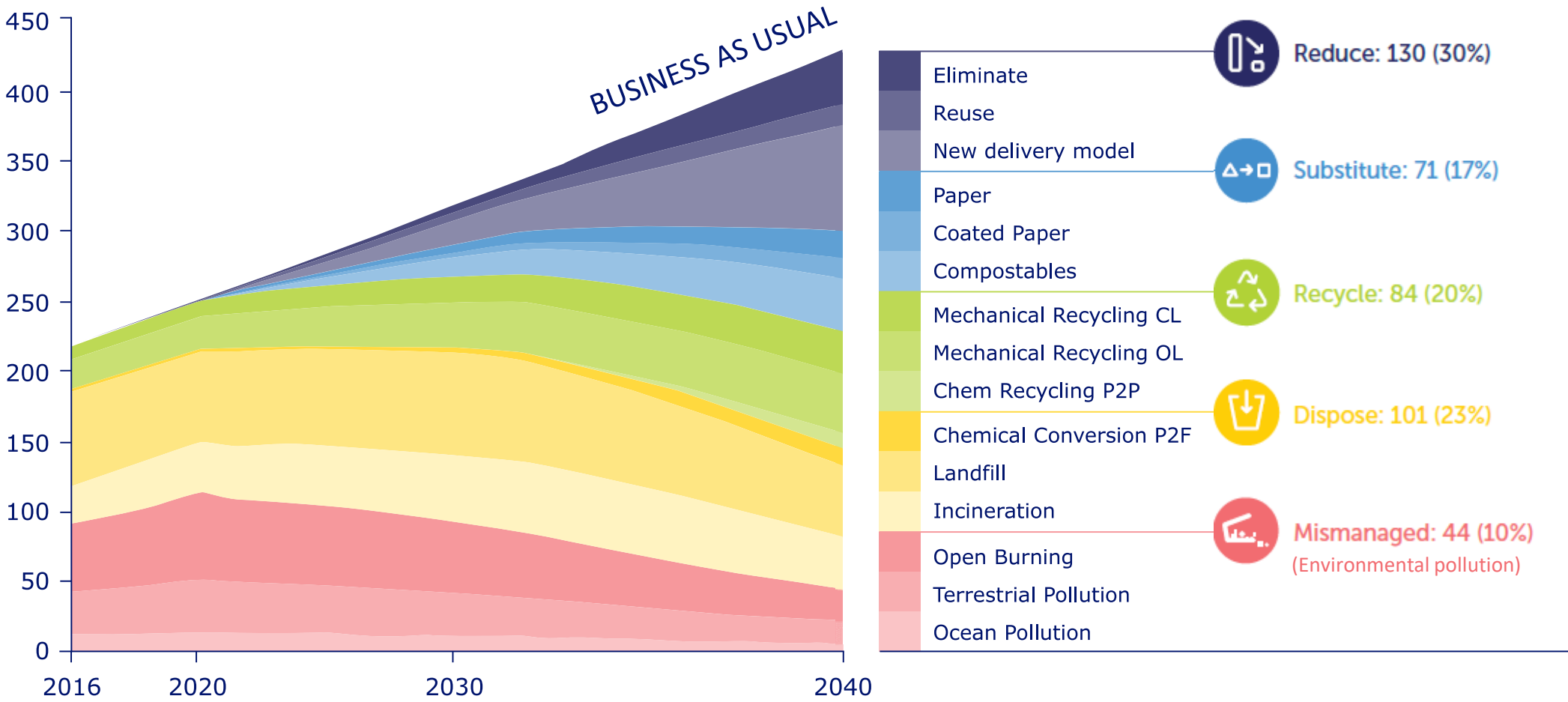
Environmental plastic pollution, Mt per year by 2040



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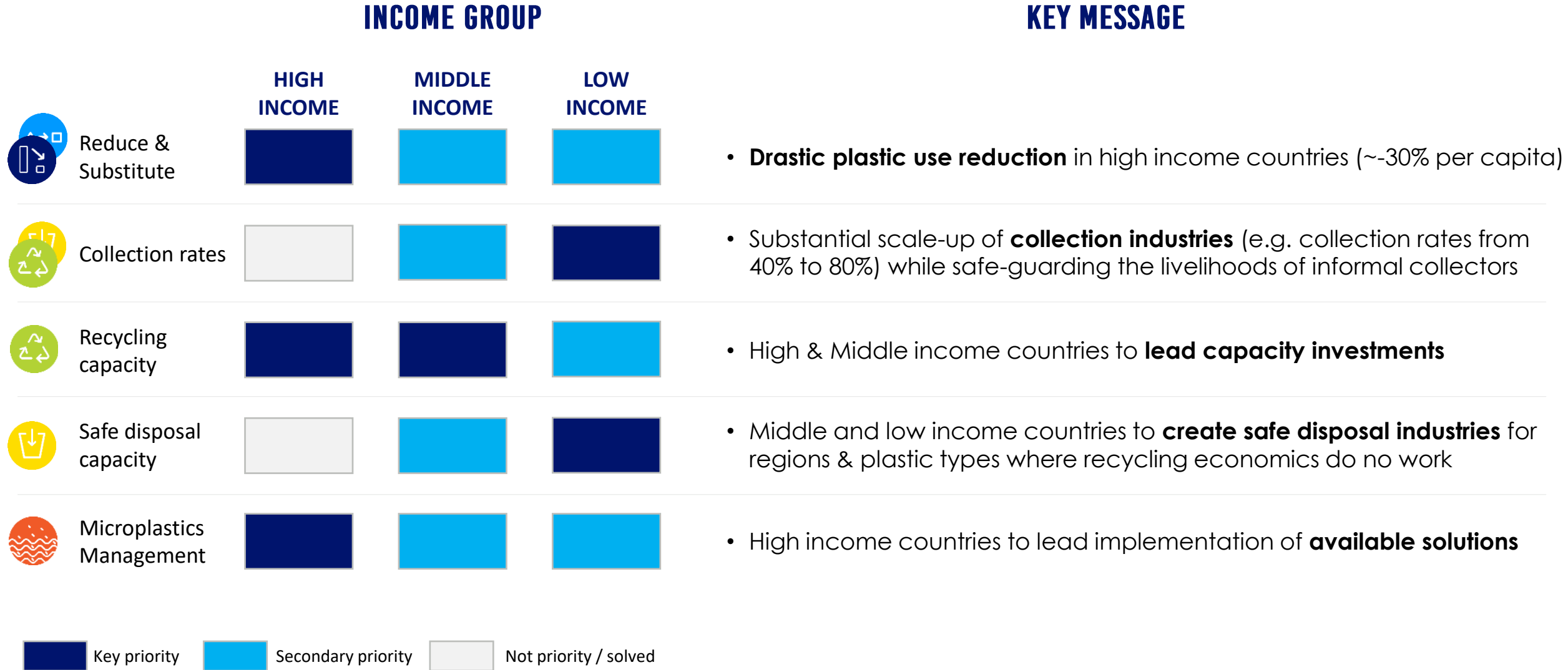
THERE IS A CREDIBLE PATHWAY TO NEAR-ZERO POLLUTION

Plastic waste generation under Systems Change Scenario¹, Mt per year








1. Applying all interventions concurrently and ambitiously
 Source: Breaking the Plastic Wave, Pew Charitable Trusts, SYSTEMIQ (2020)

GLOBAL SYSTEM CHANGE WILL HAVE DIFFERENT LOCAL PRIORITIES



Source: Breaking the Plastic Wave, Pew Charitable Trusts, SYSTEMIQ (2020)

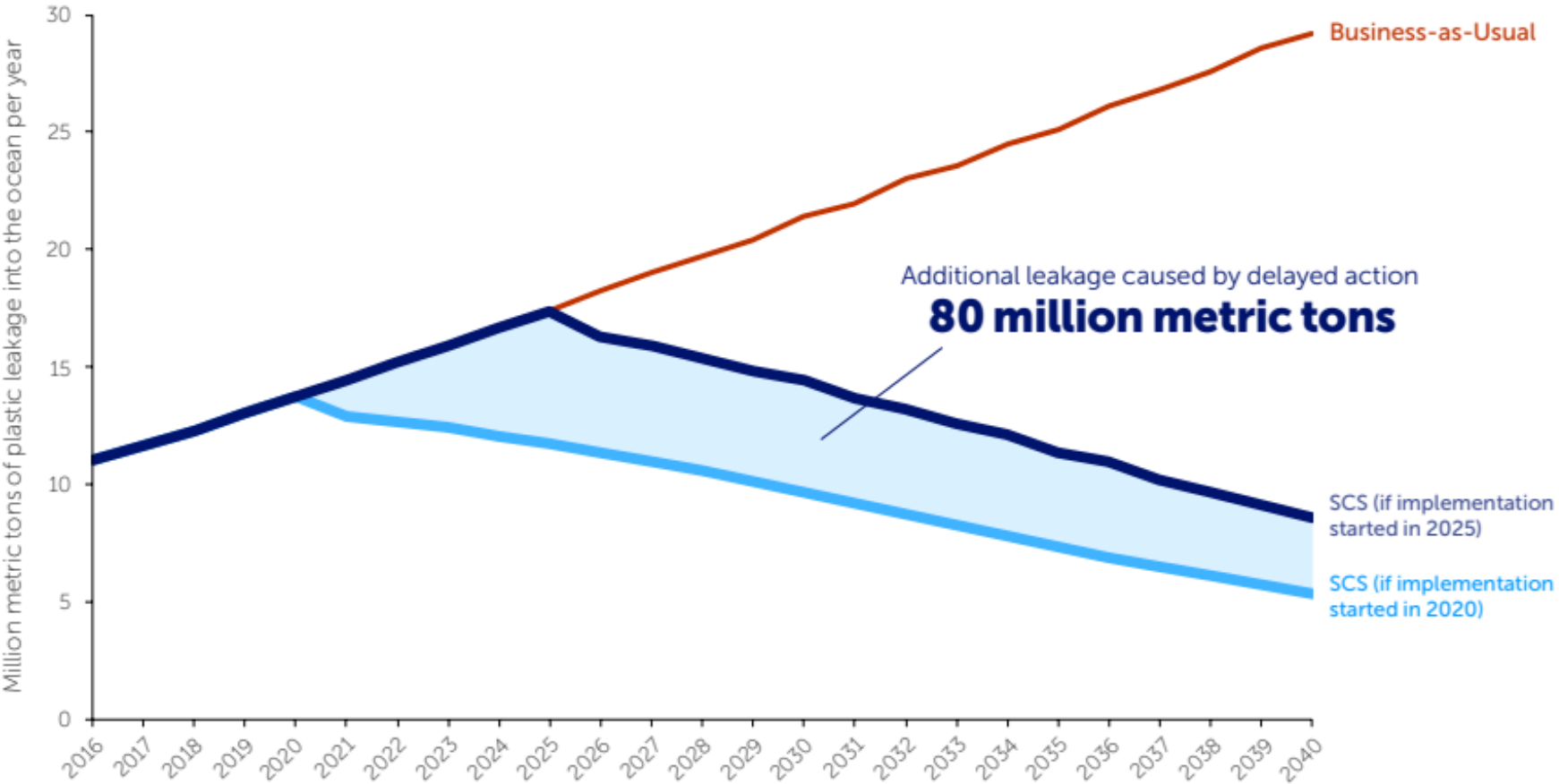
BEING ON TRACK REQUIRES RAPIDLY APPLYING ALL INTERVENTIONS WITH HIGH AMBITION

	2025	2040	
 Reduce & Substitute	10%	47%	Reduction and substitution of short-lived plastics
 Collection rates	60%	90%	Expand waste collection rates in Middle/Low-Income countries
 Recycling capacity	1.6x	2.5x	Increase mechanical recycling
 Safe disposal capacity	+6 MT	+20 MT	Build facilities for controlled disposal in Middle/Low-Income countries
 Microplastics management	-0.3 MT	-1.8 MT	Rollout known microplastics solutions

Source: Breaking the Plastic Wave, Pew Charitable Trusts, SYSTEMIQ (2020). Notes 1) After reduce & substitute 2) NPV 2021-2040

THE NEXT 5 YEARS ARE CRITICAL AND IMMEDIATE ACTION IS REQUIRED

Leakage to the ocean under different scenarios, Mt per year



An implementation delay of 5 years would result in an additional **80 Mt** plastic leakage by 2040, **~1/2** of the stock in the ocean today

Source: Breaking the Plastic Wave, Pew Charitable Trusts, SYSTEMIQ (2020)

MULTIPLE POLICIES ARE AVAILABLE ACROSS THE PLASTIC LIFECYCLE

Policy examples



Reduce and substitute

- Extended Producer Responsibility and design for circularity
- Bans and taxes



Collection rates

- Formalized role of waste pickers
- Consumer engagement campaigns



Recycling capacity

- Minimum recycling targets and harmonized standards
- Innovation in infrastructure and recycling technology



Safe disposal capacity

- Minimum performance standards for landfills
- Expansion of controlled disposal infrastructure



Microplastics management

- Capture technology
- Specific product bans

ENABLERS OF SYSTEM CHANGE

1. Global goal

Ambitious, clear, time-bound, principled

Examples:

- 80% reduction in plastic pollution by 2040
- No plastic pollution by 2050.

2. National action plans and targets



National action plans:

- Targets aligned with a global goal and principles
- Tailored actions consistent with national context
- Costed and planned transition process

3. Monitoring and reporting



Robust system with:

- Harmonized definitions and standards
- Consistent methods and metrics to measure progress and inform adaptation
- Transparency and disclosure

4. Learning and innovation



Scientific actions to:

- Fill knowledge gaps
- Share best practices
- Support global R&D
- Catalyse innovation

5. Transition Finance and support



Finance to support action plan delivery through:

- Technology transfer
- Knowledge sharing
- Scale-up of solutions
- Benefits sharing
- Building capacity

WHAT TO EXPECT IN THE SPOTLIGHT REPORT

An ambitious alternative plastics future

- What is possible, costs and trade-offs

Actions to get there

- Effective and scalable actions, policies and techniques

The global instrument

- Options to support system change

GET IN TOUCH!

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Multi-Stakeholder Dialogues

29 May 2022

11:00-12:00



PANEL 1

Moderator



Dr. Kei Ohno-Woodall

Programme Director
Basel, Rotterdam & Stockholm
Conventions



Thinking Upstream: Product and material innovation and design



Jim Seward

Senior Vice President
LyondellBasell



Winnie Lau

Project Director
The Pew Charitable Trusts



Dr. Zhanyun Wang

Researcher
Swiss Federal Laboratories for
Materials Science and Technology



Archawat Chareonsilp

Executive Chairman
ETRAN

Multi-Stakeholder Dialogues

29 May 2022

12:00-13:00



PANEL 2

Moderator



Assana Alio

Country Representative
Global Green Growth Institute



Innovative business models



Kirsten Barnes

Project Lead
South African Plastics Pact



Linh Le

Co-founder
barePack



Eric Kawabata

Head of Asia Pacific
Terra Cycle and LOOP



Jodie Roussel

Senior Public Affairs Manager
Nestlé



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Conventions

Closing Remarks for Day 1



Sheila Aggarwal-Khan

Economy Division Director
UNEP



Keeping the value of resources at their End of Life: Environmentally sound management of plastic waste

29 May 2022

14:00-15:00



Prof. Linda Godfrey

Principal Scientist
Council for Scientific and
Industrial Research



Hemsing Hurrynag

Advisor
Development Indian Ocean
Network (DION)



John Chweya

President
Kenyan National Waste Pickers
Welfare Association



Rokhaya Ndiaye Diop

Director
Basel & Stockholm Conventions
Regional Centre in Senegal



PANEL 3