

Circular Economy:

Solutions for the Ocean Crises



*Investor Event sponsored by UKSIF & Norton Rose
London, March 24, 2017*

by D. Michael Adams

Ocean Assets Institute

Promoting Investment in Healthy Oceans

Non-Profit Research Group

Collaborating Partners: SIFs, WOC, CBI, others...

Education

Reports & Events

[OceanAssets.org](https://oceanassets.org)

Conservation

Impact Investments

[BlueCapital.org](https://bluecapital.org)

Engagement

To Reduce Risk

[OceanAssets.org](https://oceanassets.org)

Blue Economy = \$4tr GDP/yr

Fisheries

Aquaculture

Eco-tourism

Offshore wind energy

Tidal & wave energy

Sailing & recreation

Coastal livelihoods

Offshore oil & gas

Sea bed mining

Shipping

Cruises & power boats

Ports & Marinas

Submarine cables/pipes

Ports/marinas

Desalination

Ocean Asset Decline: 5 Drivers

1. Rising Resource Demand: Cost of exploration for energy/minerals
2. Technological advances: Deep-sea access, larger vessels & ports
3. Decline of fish stocks: 40% over-exploited or depleted, 25% illegal
4. Climate Change & Pollution: Warming, Acidification, Plastics,

Toxins

5. Weak H

Ocean asset valuation = \$30tr

Support Natural Capital Accounting

ced

The Crisis of Ocean Waste

Symptoms of a
Mis-Functioning
Economy

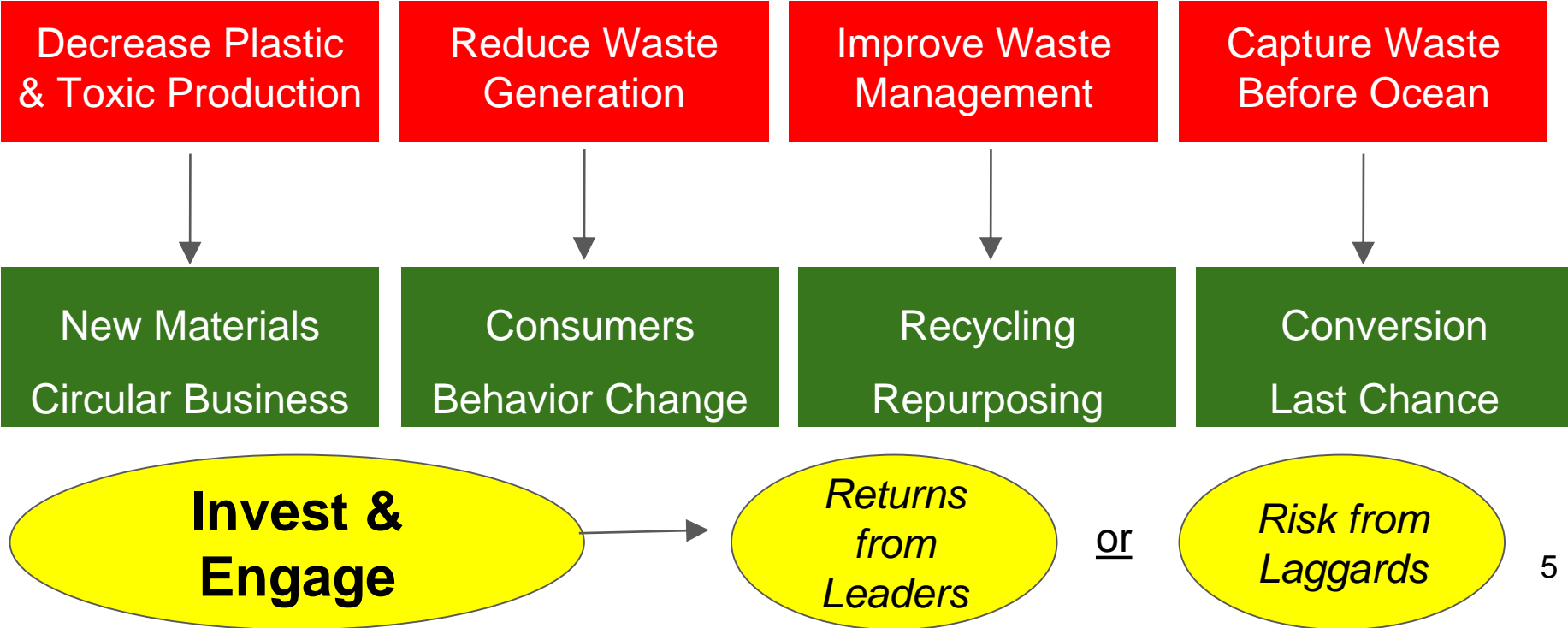
High costs to:

- Business
- Communities
- Health
- Climate

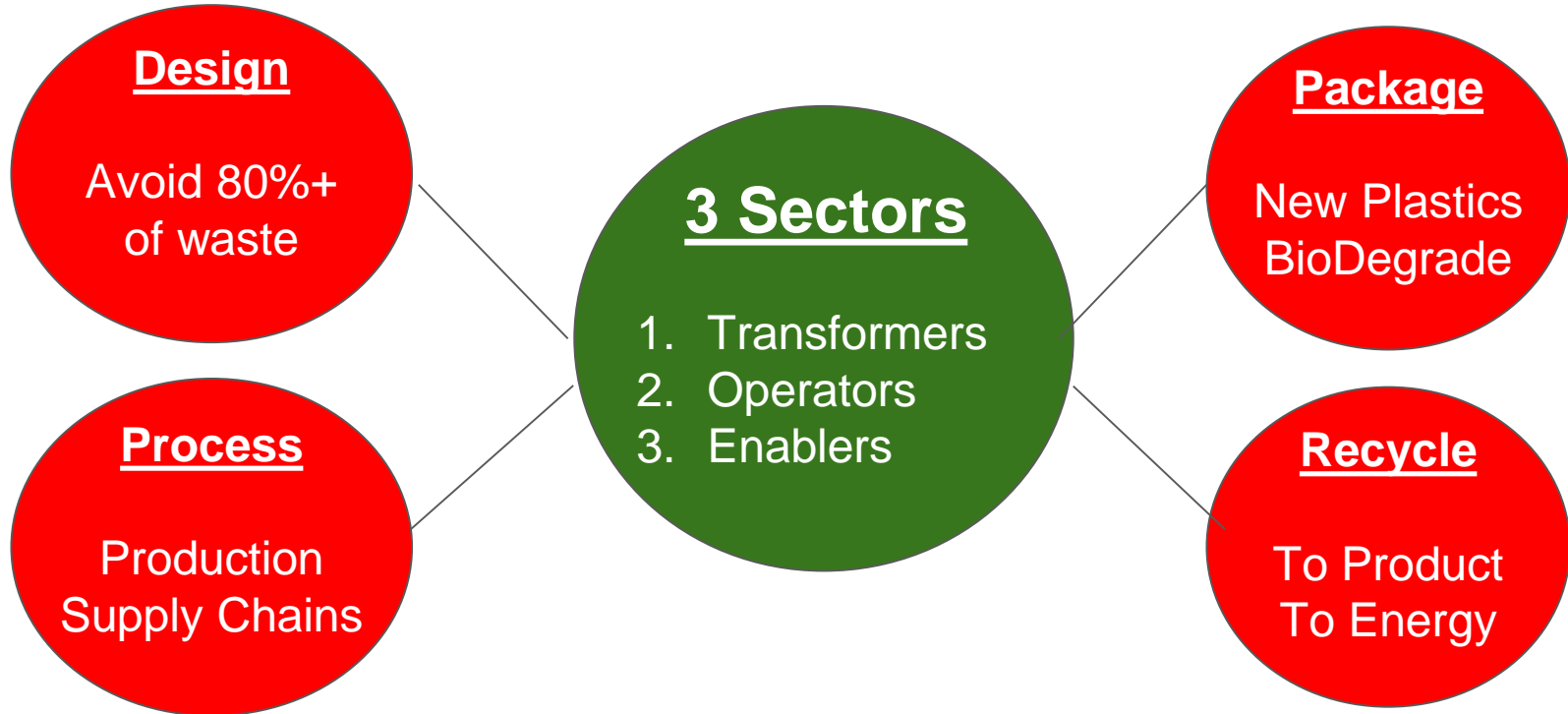
The World's Dumping Ground

- **Plastic:** 8mmt/year. 17mmt by 2025
 - 5 Gyres = 3% of annual plastic
- **Trash:** 1 dumptruck / minute
 - Insufficient waste infrastructure
- **Oil:** 700mn gallons / year
 - Drains, runoff, accidents
- **Chemicals:** Nitrogen, Mercury, Lead
 - Kills fish, corals, seagrass, alga ⁴

Investors: Part of the Solution!



Circular Economy



Thank you - UKSIF & Norton Rose!



D. Michael Adams

E: michael@oceanassets.org

T: +41 22 575 4202

Caroline Allen

E: caroline@oceanassets.org

T: +44 79 5003 3077