



Life Cycle Initiative



# National Guidance for Marine Plastic Hotspotting and Actions

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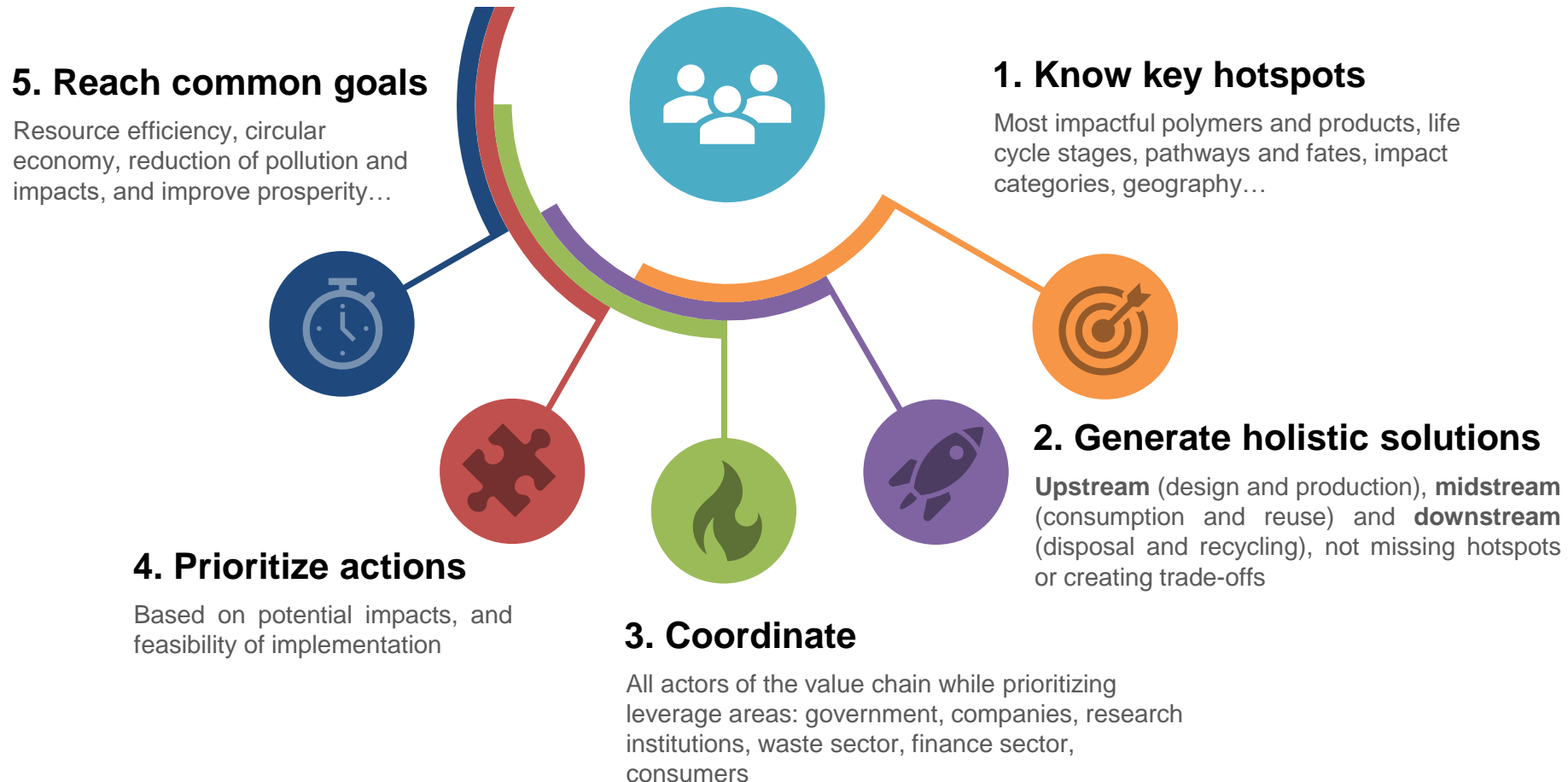
**Expert Consultation on Marine Litter National Source Inventories**  
**25-26 March 2019**

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Feng WANG, Economy Division, UN Environment

# The systemic and value chain perspective

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# Our current understanding of the need

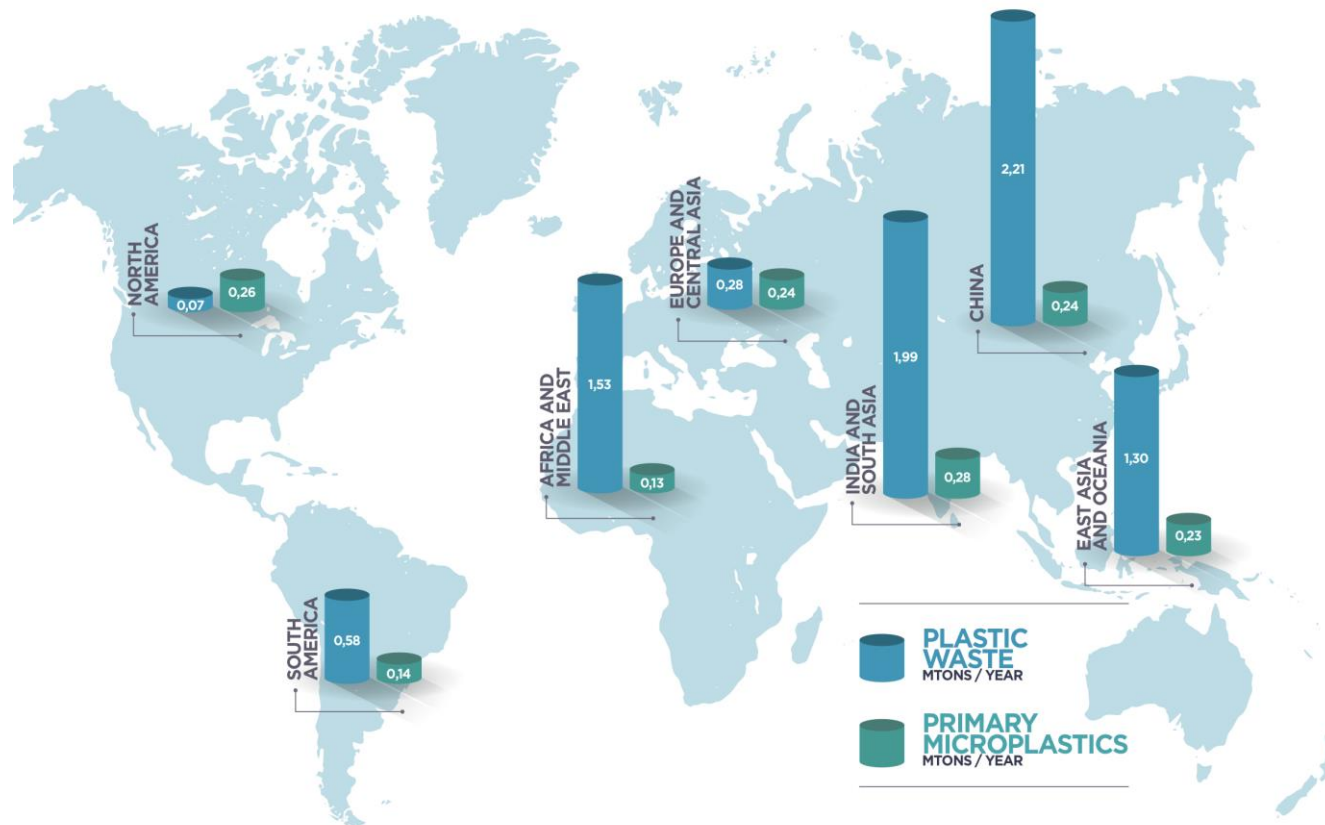
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- The plastic leakage is a very complex and regionalised issue. Closing the plastic tap requires implementing local and specific solutions that are not necessarily complex in nature, but need to be prioritized in order to be implemented.
- There is no harmonised methodology to enable countries to understand their national plastics value chain, map the key stakeholders and activities, and identify the hotspots related to the sources, pathway, impacts of plastics.

# *The contribution of macro-and micro-plastic sources varies according to regions, calling for specific local solutions*

## GLOBAL RELEASES TO THE WORLD OCEANS:

COMPARISON WITH PLASTICS ORIGINATING FROM MISMANAGED WASTES



# National Guidance for Marine Plastic Hotspotting and Actions

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**A methodological framework and guidance for countries to :**

- 1. Identify key hotspots\*** towards the most relevant plastic polymers, products, and pathways leaking into the marine environment, as well as associated impacts
- 2. Prioritize key areas of intervention** relevant for the country, with key stakeholders along the plastics value chain

*\*The definition of hotspots is related to the magnitude of the leakage as well as on potential impacts (in a qualitative way in order to avoid potential trade-offs when adopting solutions only solving part of the problems)*

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# Scope of the project

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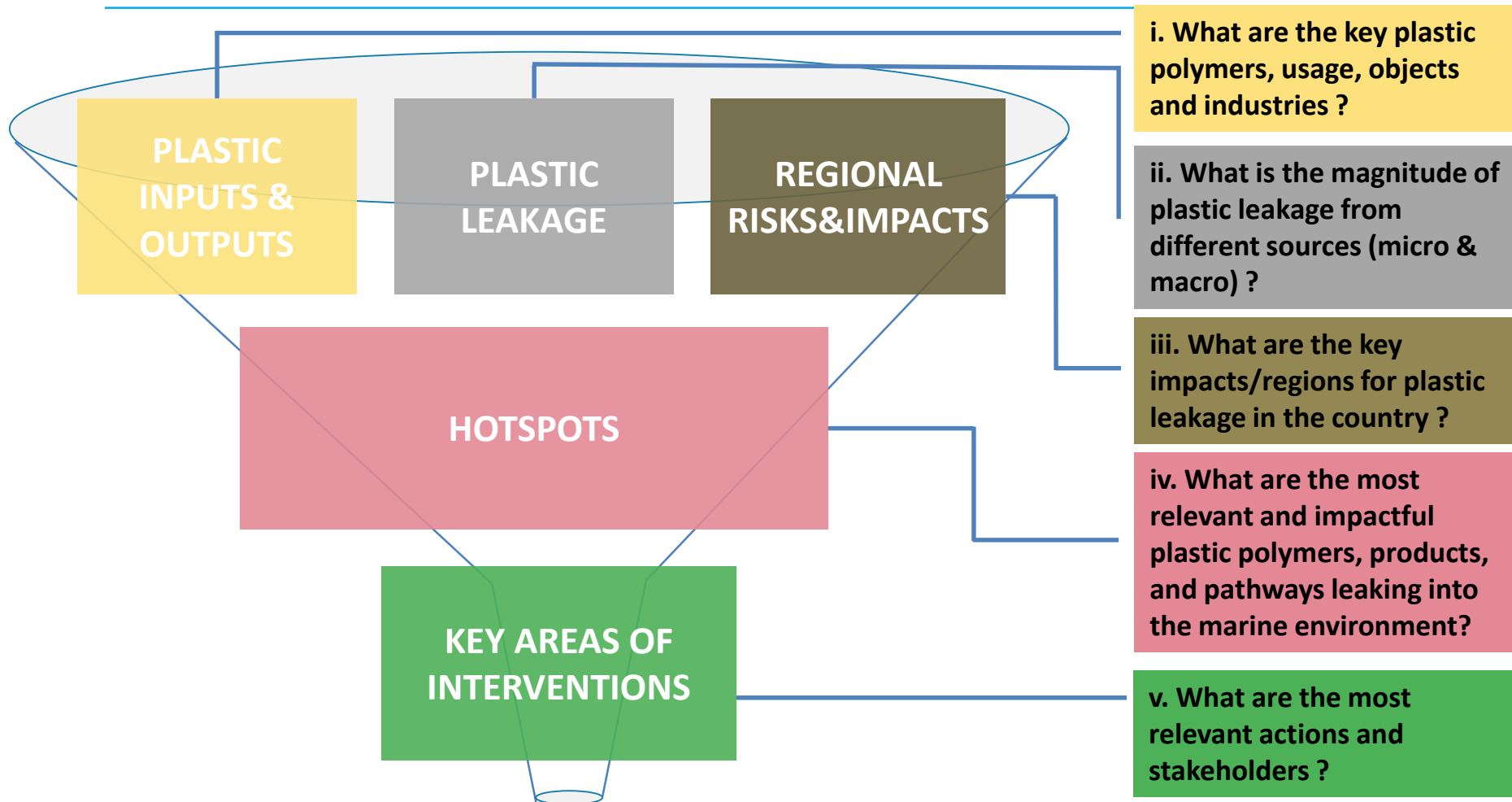
- Sources

- Mismanaged waste (Single use, packaging, others)
- Primary microplastics from abrasion (tyres, textiles, others)
- Intentionally used microplastics (cosmetics, others)
- Lost plastic (e.g. fishing nets, primary pellets)

- Focus

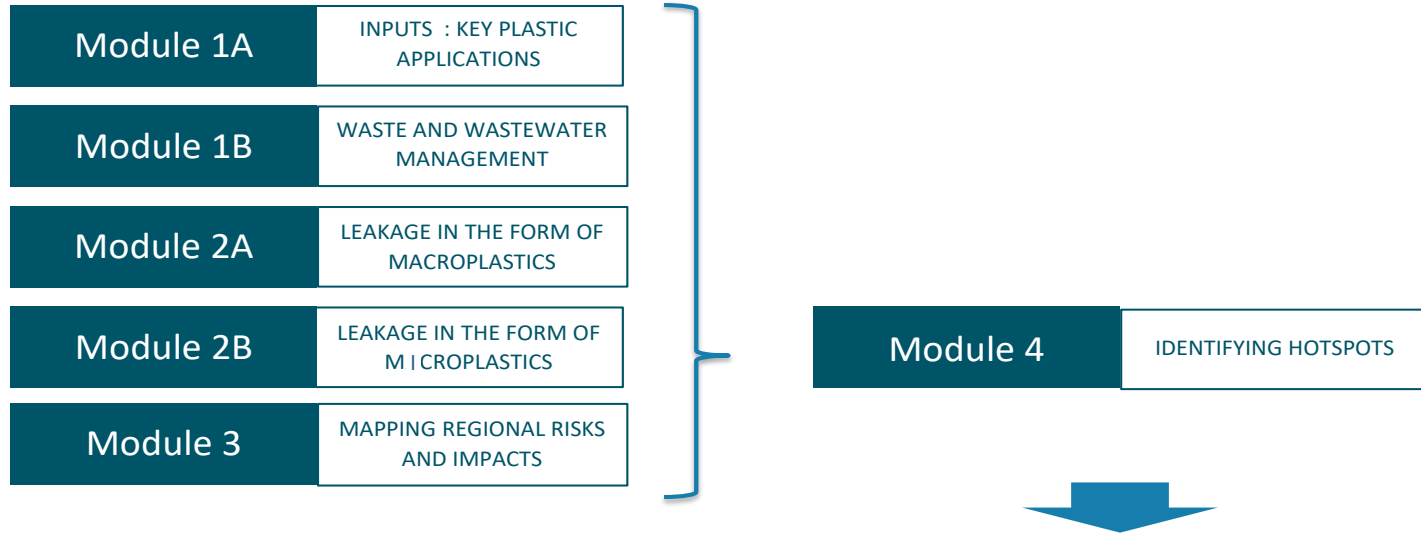
- Only plastic leaking into marine ecosystems is considered
- Other environmental compartments are out of the scope of this project

# Key questions to answer in the country by the guidance



# Structure of the guidance

## DIAGNOSTIC



## PLANNING

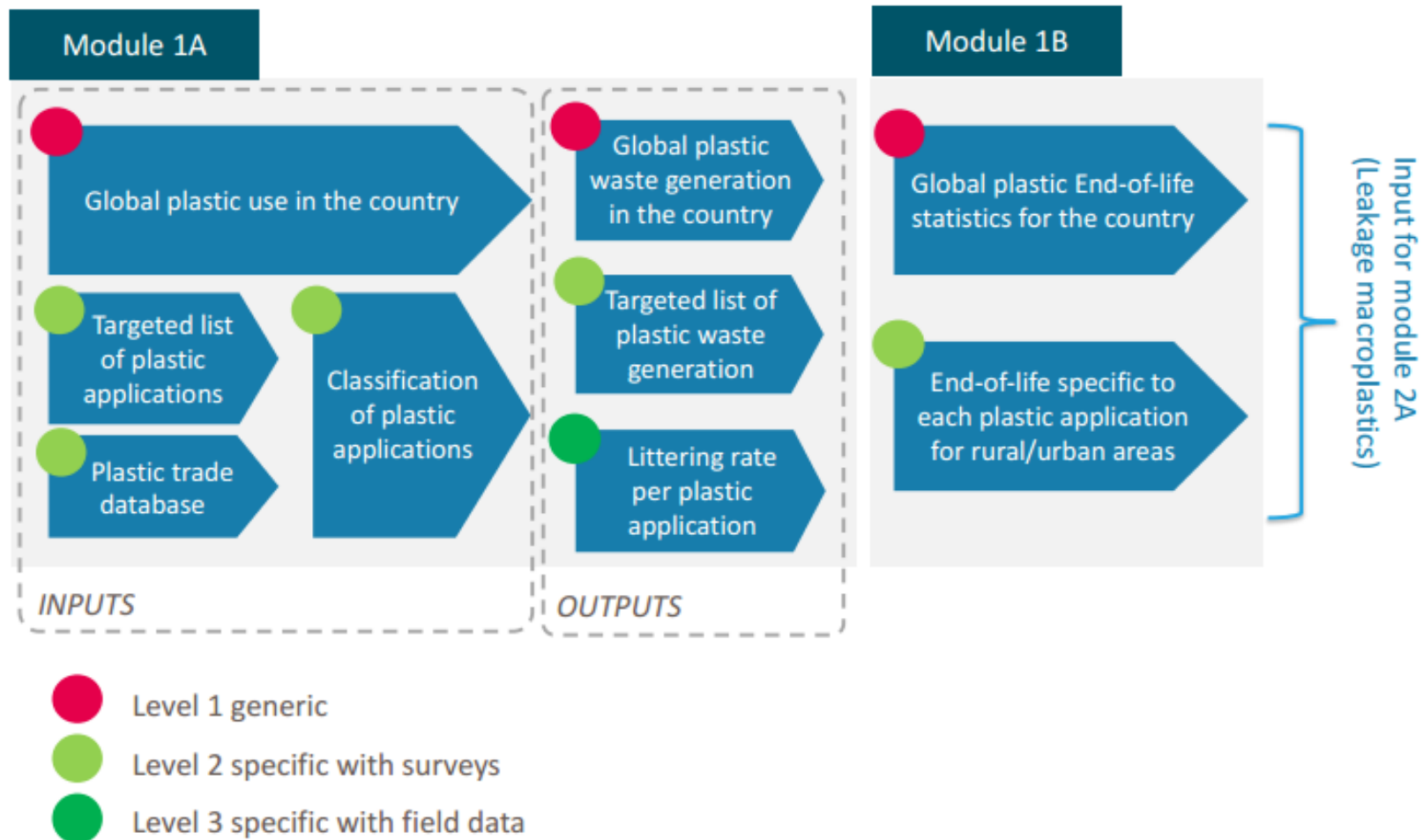


## IMPLEMENTATION



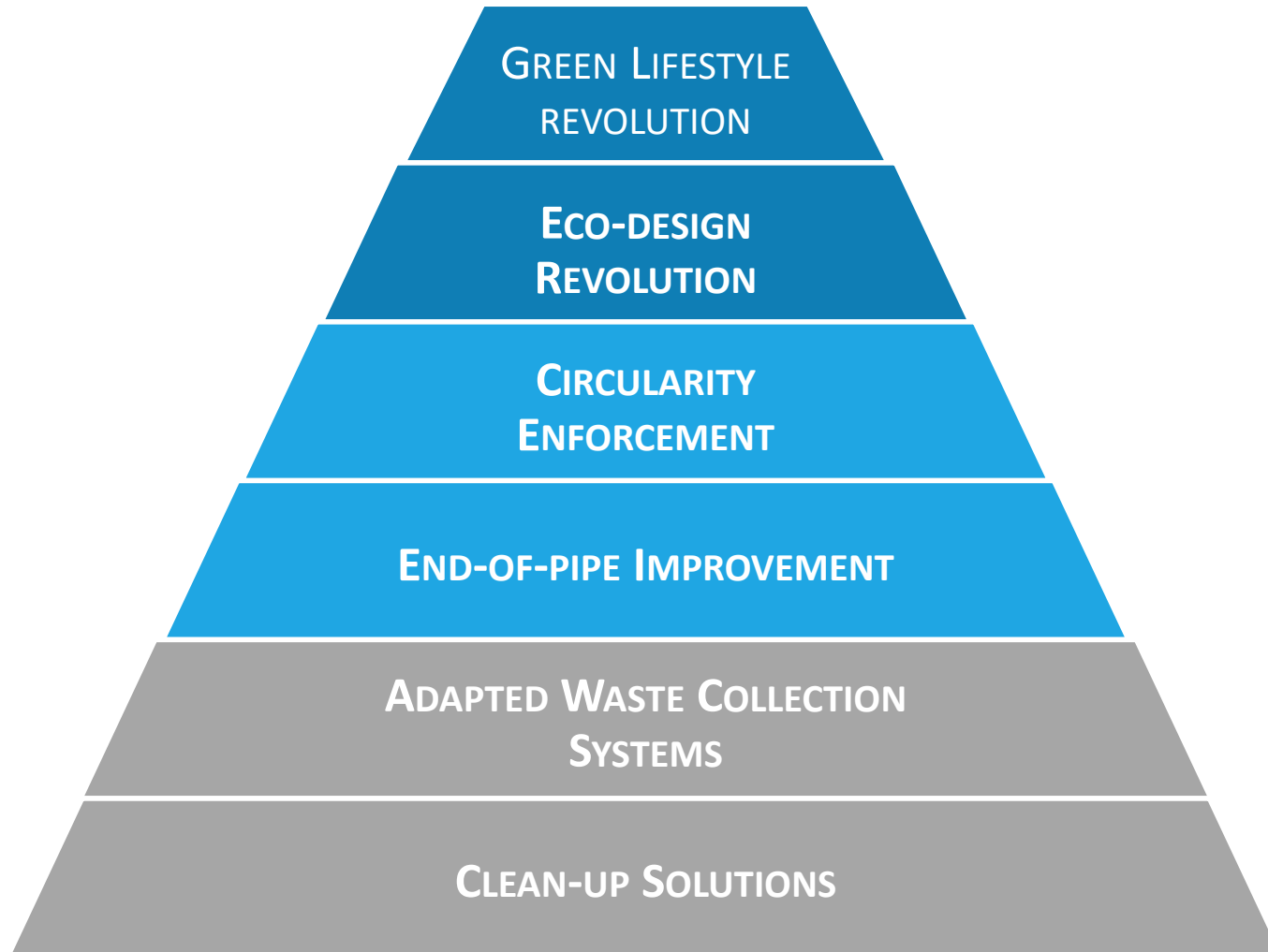


# Example on the modelling approach



# Potential interventions

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# Timeline of the project

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**Mar. 2019:** Draft guidance for review

**Apri. 2019 – 2020:** Pilot test in 16 countries

**Nov. 2019:** Guidance revised and published

**Nov. 2020:** Initial stories from the pilots available

**Dec. 2020:** Online platform available (guidance, tool, data, case studies)

Thank you

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<https://www.unenvironment.org/>