

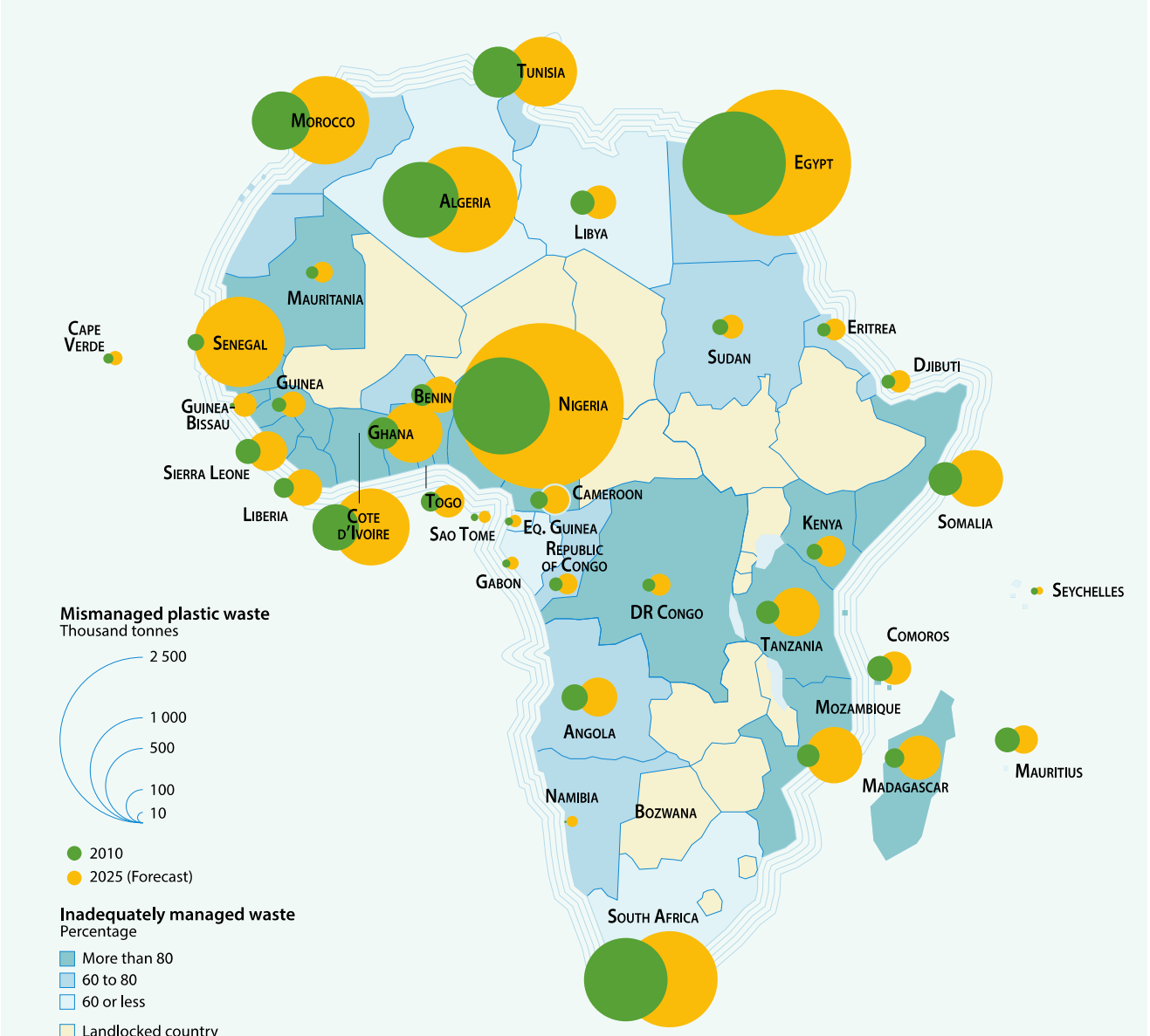
Promoting Innovation and Reuse: Opportunities for the Nairobi Convention

WIOMSA/ Nairobi Convention Secretariat

Marine litter in Africa

- Africa is experiencing unprecedented population growth with predictions that it will add 1.3 billion people to the planet by 2050
- The highest rates of population growth and urbanisation are expected in the coastal zone with an estimated 49 million more people in low elevation coastal flood plains by 2060
- Africa's growing middle class is creating large consumer markets for plastic goods and those packaged in plastic with supermarkets now replacing informal shops and markets
- Solid waste management infrastructure is not keeping pace with economic and population growth

Mismanaged plastic in Africa in thousands of tonnes as of 2010 and projection of waste mismanagement forecast in 2025 given current practices



Global Agreement

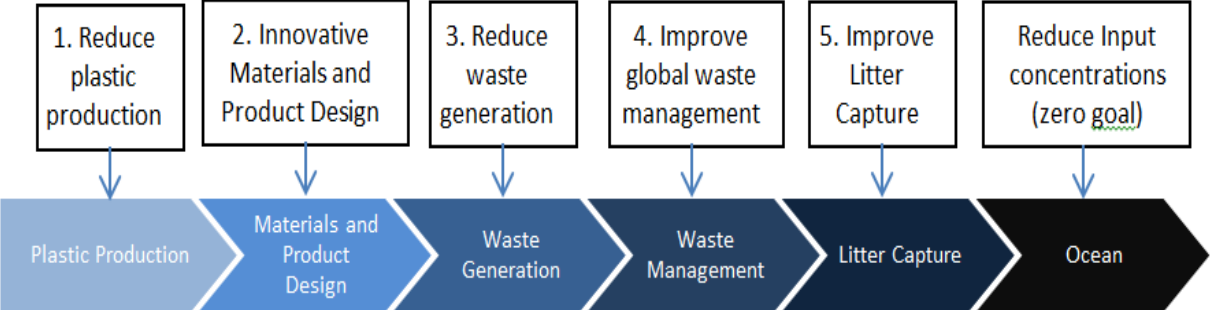
Our Ocean, Our Future: Call for Action (Resolution adopted by the General Assembly in July 2017)

- Promote waste prevention and minimization; develop sustainable consumption and production patterns; adopt the **3Rs – reduce, reuse and recycle** – including through incentivizing market-based solutions to reduce waste and its generation, improving mechanisms for environmentally sound waste management, disposal and recycling and developing alternatives such as reusable or recyclable products or products that are biodegradable under natural conditions

Third Session of the United Nations Environment Assembly

- Also encourages all member States and invites other actors, taking into account national conditions:
 - To develop and implement action plans for preventing marine litter and the discharge of microplastics; **encouraging resource efficiency, and increasing collection and recycling rates of plastic waste and re-design and re-use of products and materials**; and avoiding the unnecessary use of plastic and plastic containing chemicals of particular concern where appropriate;
- Recognizes that the private sector and civil society, including non-governmental organizations, can contribute significantly to preventing and reducing marine litter and microplastics, including through information sharing, awareness-raising, developing new environmentally sound technologies, capacity-building and clean-up actions, and encourages cooperation between Governments, regional bodies, the private sector and civil society, including through the Global Partnership on Marine Litter and its regional nodes, to that end

Intervention points to mitigate the flow of plastic to the ocean

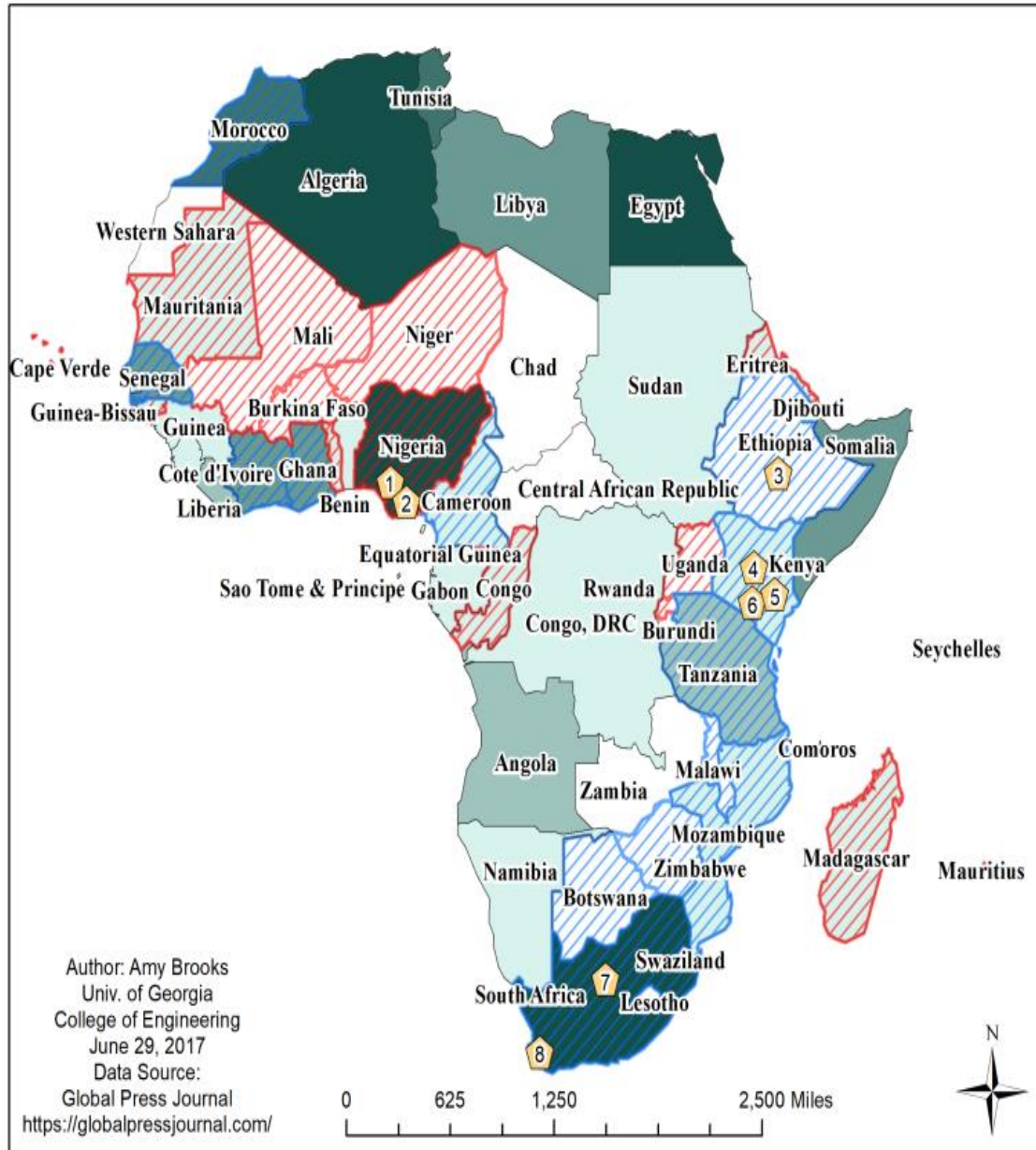


Need to shift from today's linear take-make-dispose model, to a more circular approach where plastic items are designed to be reused or recycled

Opportunities at the national level

At national level

- Across Africa there are a number of initiatives turning plastic waste into valuable retail opportunities.
- A communication tools to raise awareness and mobilise funding for addressing these issues.
- Provide employment opportunities
- Improving technologies used and upscaling these initiatives



Legend

Amount of Plastic Waste Generated per Day (kg/day)

- 150,000 or less
- 150,001 - 300,000
- 300,001 - 850,000
- 850,001 - 1,300,000
- 1,300,001 and greater

Waste Management Innovations

- 1 WeCyclers
- 2 Recycle Points
- 3 SoleRebels
- 4 EcoPost
- 5 Taka Taka Solutions
- 6 Ocean Sole
- 7 Repurpose Schoolbags
- 8 All Women Recycling
- Countries with Ban on Plastic Bags Below a Certain Thickness
- Countries with Ban on All Single-Use Plastic Bags

Opportunities at the regional level

- Provide the NC with opportunities to work with the private sector through regional and global associations of plastics manufacturers, governments, NGOs and communities
- WIO-SAP to explore opportunities to work marine litter as part of project interventions under component B: Improved water quality
- Platform for shared learning to ensure synergy across the region