

TouMALI

PREVENTION OF MARINE LITTER

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🌐 [Website](#)

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📍 Egypt, Tunisia, Morocco

MAIN ACTIVITIES

The TouMali project aims to **improve waste management practices** by implementing **sustainable practices in the HoReCa sector** (like sorting at source), improving **waste management infrastructures**, and setting up **financially viable and sustainable policy solutions** like EPR in pilot regions.



By analysing beach litter data, we examined quantities, types, and sizes across regions to establish a **pollution baseline** and develop coherent **improvement policies**.



BUILD NATIONAL AND REGIONAL NETWORKS



MARINE LITTER MITIGATION AND WASTE REDUCTION



SOLID WASTE REDUCTION IN HORECA SECTOR



SUSTAINABLE FINANCING AND PROJECT CONTINUITY



RISE IN AWARENESS AMONG STAKEHOLDERS



VOLUNTARY AGREEMENTS FOR HORECA SECTOR



NEIGHBORHOOD PROJECT DUPLICATION

MAIN LESSONS LEARNED

- Stakeholders have to be made **responsible and accountable** for circular economy practice and sustainable waste management.
- Municipalities have to be offered the opportunity and possibility to address their unique challenges through **decentralised processes**.
- EPR legislation should **go beyond registration** of firms to effective and **economically viable** implementation in order to ensure sustainability of the project.
- The **tourism sector/HoReCa sector** holds great potential for **leveraging efforts and continuing project activities** beyond project duration.

Supported by:

Federal Ministry for the Environment, Nature Conservation, Nuclear Safety and Consumer Protection

based on a decision of the German Bundestag

A project labelled by the UfM:

Union for the Mediterranean
الاتحاد من أجل المتوسط

Lead by:

Universität Rostock Traditio et Innovatio

LEIBNIZ INSTITUTE FOR BALTIC SEA RESEARCH WARNEMÜNDE

BLACKFOREST SOLUTIONS

adelphi

LANDBELL GROUP

econnexions

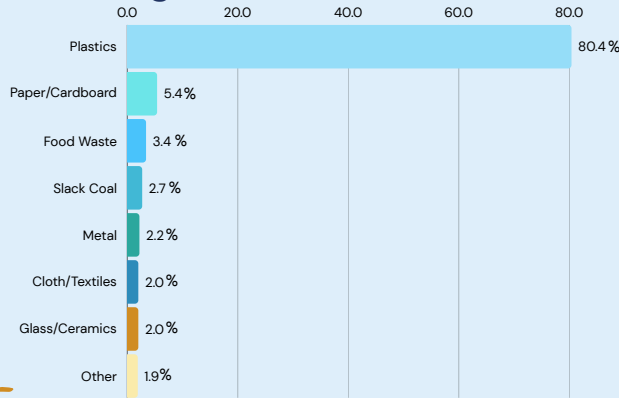
Arab Academy

UNIVERSITE DE TUNIS EL MANAR

MARRAKECH UNIVERSITY
جامعة القادسيه مراكش
UNIVERSITE CADI AYYAD

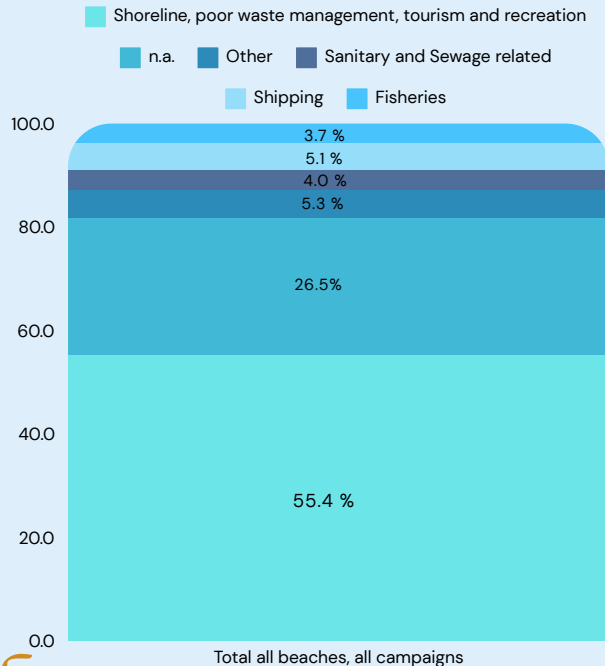
BEACH LITTER MONITORING

Categories of beach litter



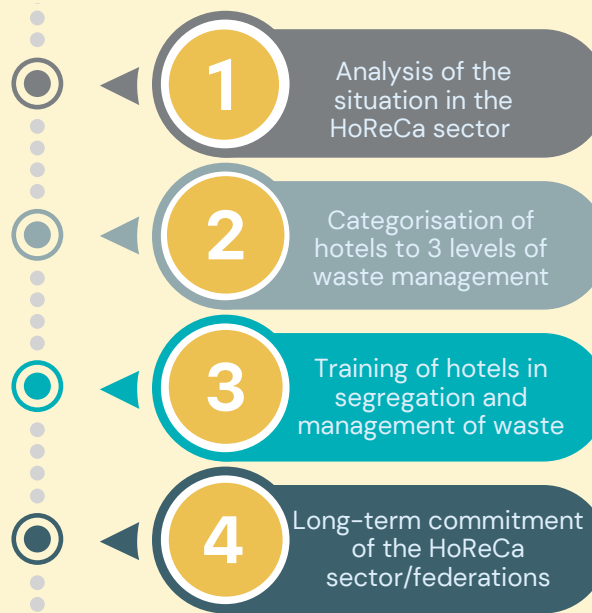
80.4% of beach litter are plastics, with 12.9% of it being cigarette butts

Sources of macro-litter



55.4% of macro-litter originates from shoreline areas, poor waste management and tourism.

HORECA WASTE MANAGEMENT



Suggestion for active involvement of the HoReCa sector:

- Hand out **pocket ashtrays** to reduce cigarette butts on beaches,
- Provide **separate waste bins** at public spaces and beaches,
- Implement a **deposit refund scheme** on plastic cups and containers and promote reusable options,
- Provide **staff training** on waste reduction, sorting and management,
- **Reduce unnecessary packaging** and SUPs by e.g. buying in bulk,
- Implement **public awareness and education campaigns** on marine litter and the environment.

SOCIO-ECONOMIC IMPLICATIONS

1. **Collaboration** with the HoReCa sector should ensure continued sustainable waste management and initiatives like beach clean ups.
2. **EPR schemes** will be developed and enhanced in each pilot country.
3. **Municipality engagement** should be enhanced through decentralised solutions and responsibility for long-term beach litter monitorings.
4. A **TouMaLi company** should be built in each country which will be responsible for the construction and maintenance of a waste recovery center.

