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Advancing Climate Neutrality and Circularity in the Blue Economy

Marine litter *is a major crisis, harming ecosystems, economies, and human health, yet cleanups remain inefficient and expensive.*

The Reality

80% of marine debris accumulates in coastal areas, damaging biodiversity, tourism, and fisheries.
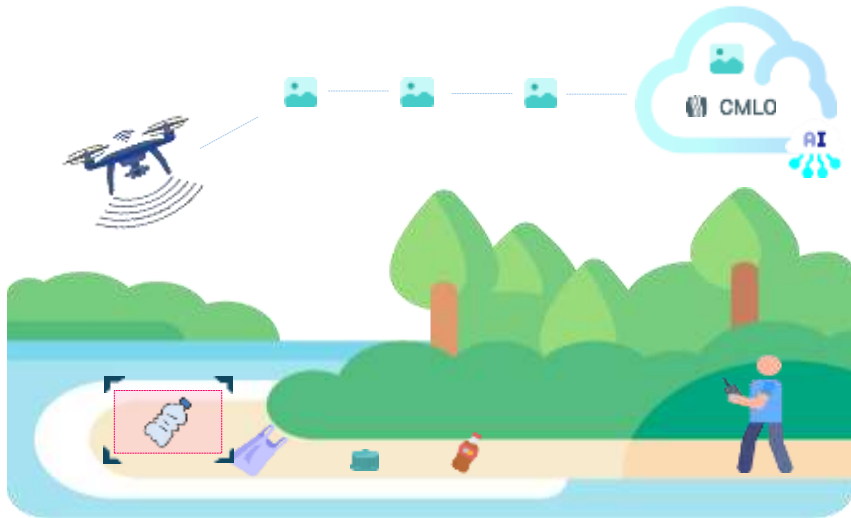
The Challenge

Current monitoring is outdated: Manual surveys are slow, costly, and lack accuracy.

No scalable, data-driven approach: Decisions rely on estimates, not real-time insights.

"To **achieve** a circular and climate-neutral blue economy,
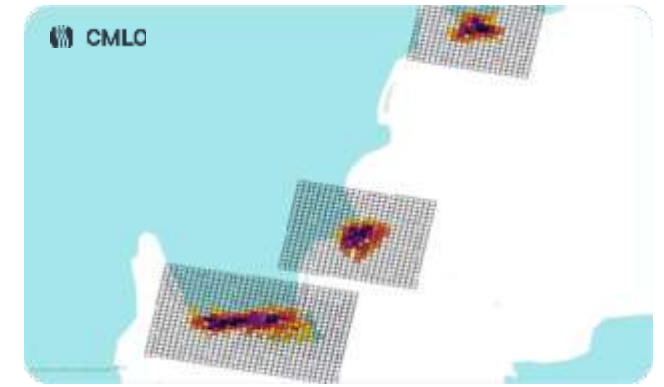we need **smarter solutions**."

Scidrones

The Solution -
CMLO

(Coastal Marine Litter Observatory)

1 **Web-based platform** compatible with **any commercial drone** for easy adoption.

2 **AI-powered**, **drone-based** marine litter detection.

10x cheaper C **225x faster** than conventional methods.

>85% detection accuracy **2,6 million litters** detected.

Tested in **13 countries**, **>340 km of coastline**, **15 million m²** *(3000 football fields)*.

CMLO   Scidrones

How CMLO Supports Climate Neutrality s Circularity

CMLO turns marine pollution into an opportunity for sustainability and economic efficiency.

Real-time monitoring

Facilitates policy enforcement C stakeholder engagement.

Optimizes cleanup efforts

Prioritizes polluted areas, cutting wasteful resource use.

Supports circularity

Classifies litter types, enabling better recycling and waste management strategies.