

# PHC Service One-Pager

**Project:** Mussomeli Water & Waste Management System (Project ID: PR442)

**Location:** Mussomeli, Sicily, Italy

**Sector:** Commercial / Environmental Infrastructure

**Status:** Proposed; initiative aligned with regional sustainability and circular economy objectives.

## 1. Project Snapshot

The Mussomeli Water & Waste Management System is designed to modernise the town's utility infrastructure by introducing integrated waste collection, water recycling, and treatment systems. The project seeks to reduce landfill dependency, promote water conservation, and improve environmental quality across the municipality. Through PHC Service integration, all operational and financial activities will be transparently tracked, ensuring measurable improvements in efficiency, compliance, and environmental impact over time.

## 2. Current Risks / Concerns

- Ageing infrastructure and inconsistent maintenance of water and waste facilities.
- Limited digital monitoring of waste generation and recycling rates.
- Funding constraints for technology adoption and system upgrades.
- Public awareness and behavioural change challenges regarding waste management.

## 3. PHC Service Offer

The PHC Service provides governance oversight across all stages of system improvement—from design to operation. Using PHC 7-Day Reviews, risk registers, and performance dashboards, Order Efficiency Ltd will ensure clear accountability, early issue detection, and ongoing optimisation. The Service also enables transparent reporting for municipal leaders and public stakeholders, building confidence in the sustainability outcomes achieved.

## 4. Commercial + Humanitarian Flow

Under PHC governance, revenues and efficiency savings from improved water and waste operations will help fund local humanitarian projects under the TTGD EcoSociety. This reinforces the circular economy concept—not only for resources but for community benefit—ensuring that environmental gains directly support social initiatives in Mussomeli.

## 5. Next Steps

- Conduct baseline assessment and PHC 7-Day Review for current infrastructure.
- Develop detailed implementation roadmap integrating water and waste systems.
- Establish coordination framework between municipal departments and contractors.
- Identify EU and private-sector co-funding opportunities.
- Launch PHC-monitored pilot phase for waste segregation and water recycling.