

PHC Service One-Pager

Project: Agrivoltaic Development Sicily (Project ID: PR430)

Location: Sicily (initial focus area: Mussomeli region)

Sector: Commercial / Renewable Energy & Agriculture

Status: Real; active regional initiative with potential expansion in Mussomeli under PHC governance.

1. Project Snapshot

The Agrivoltaic Development Sicily project combines renewable energy generation with agricultural productivity, optimising land use for both solar energy and crop cultivation. Building on operational examples in Scicli and other Sicilian municipalities, this project aims to replicate the agrivoltaic model in the Mussomeli region under PHC Service governance. The initiative will demonstrate how PHC monitoring ensures balanced output between energy generation and agricultural yields, achieving economic, environmental, and social sustainability across multiple farms and solar installations.

2. Current Risks / Concerns

- Coordination challenges between energy developers and local farmers.
- Need for transparent environmental and productivity performance metrics.
- Regulatory complexities across energy, agricultural, and environmental authorities.
- Risk of public resistance without visible community benefits.

3. PHC Service Offer

The PHC Service introduces transparent governance, performance monitoring, and cross-sector coordination through 7-Day Reviews and dashboard integration. Each agrivoltaic site can be tracked for both energy output and agricultural performance, ensuring accountability to investors, local authorities, and farmers. The PHC framework also manages data-sharing and risk assessments to maintain alignment with EU Green Deal objectives and local community expectations.

4. Commercial + Humanitarian Flow

Through PHC governance, a portion of the project's operational surplus will support local humanitarian programmes in Mussomeli, including EcoSociety initiatives, agricultural training, and youth employment. This ensures the renewable energy transition delivers tangible social value and strengthens the relationship between industry and community.

5. Next Steps

- Identify and assess suitable agricultural zones near Mussomeli for pilot sites.
- Conduct PHC 7-Day Review with regional stakeholders (energy, agriculture, environment).
- Integrate performance data and governance tracking within PHC Port.
- Establish framework agreement with existing agrivoltaic operators.
- Develop joint community engagement and reporting plan.