Project Conference April 2023

Targeted technical and commercial advisory service for farmers in energy intensive sectors







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University



Targeted Advisory Service to Farmers



AgroRES Phase 1 informed the Action Plan design

Good Practices & knowledge exchange

Many Good Practices included the support of an independent energy agency or advisory service

RCNK: guides on biomass

tech

AGENEX: Energy Agency

service

LV: Targeted advisory service

BRDA: Prosumers guide

Regional Self Assessment

Small farms

Lack of technical capacity

Lack of independent advice

Lack of available data for the sector

Emerging (but complex) support schemes for specific technologies

Action Plan design

Development of independent advisory services

Improved monitoring and recording of RE uptake

Advisory Service - Solar PV



Target Sectors

- Daytime electricity use
- Pig, poultry, horticulture
- Group Water Schemes

Solar PV toolkit

- Guidance document
- Solar PV Toolkit
- Regulatory guidance
- Bills analysis
- Yield assessment
- Financial Analyses

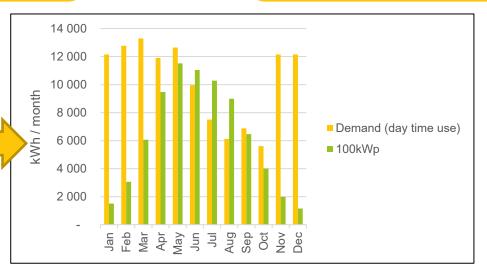
Delivery

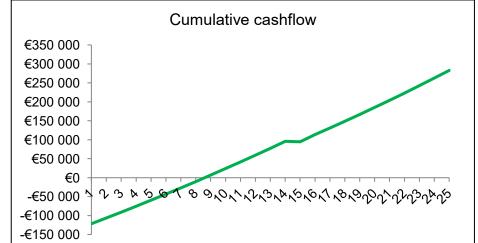
- Direct training on the Solar PV toolkit use
- Follow up support for market offers





€ Investment estimates





Advisory Service – Solar PV + Battery for Dairy



Solar PV + Battery toolkit

- Guidance document
- Solar PV + Battery Toolkit
- Regulatory guidance
- Yield assessment
- Financial Analyses

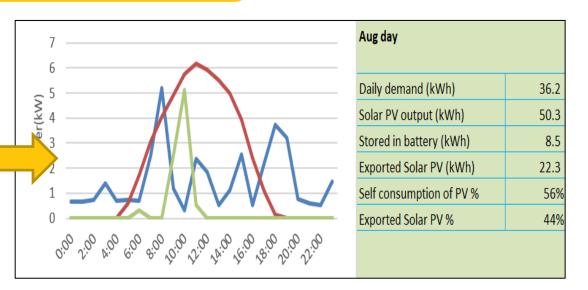
Delivery

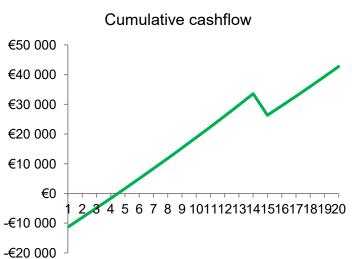
- Direct advisory service with individual/groups farmers
- On-site data logger daily demand profile
- Assessment and Specification provided to farmer
- Follow up support for market offers

<u>Direct monitored</u> data

SOLARGIS

€ Investment estimates





Advisory Service – Biomass & SSRH



Target Sectors

- High temperature heat use
- Pig, poultry, horticulture

Biomass toolkit

- Bills analysis
- Comparison of fossil fuel v biomass
- Biomass cost, volume estimates
- Preliminary system sizing
- SSRH analysis

Delivery

- Direct advisory service with individual/groups farmers
- Outline Specification provided to farmer
- Follow up support with specialist suppliers

Oil (L)



Boiler eff %



kWh heat



Woodchip (kg)



Boiler eff %



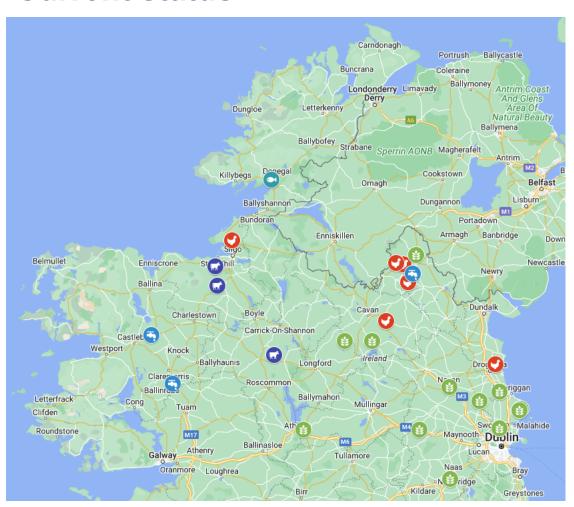
kWh heat



Targeted Advisory Service to Farmers



Current status



31 Farmers and Advisors trained on Solar PV toolkit



Advisory service ongoing for 14 farm clients

C. 300kW RES-E in development

... Targeted Advisory Service to Farmers



Next steps

Continue Advisory
Service delivery

Rural/Farm Group
Water Scheme
Working Group
C. 60 in region

Tailored Solar PV toolkit and Advisory Service



Feedback Survey from clients:

- Advisory effectiveness
- Market challenges
- Regulatory challenges





Regional Spatial & Economic Strategy

Interim update

Regional Energy Strategy

Direct input





Thank you!

