



AgroRES
Interreg Europe



European Union
European Regional
Development Fund

GOOD PRACTICES EXTREMADURA

AGENEX

Leader partner of AgroRES project
Javier González

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1st Good Practice

Floating Photovoltaic Plant

- Owner → Irrigation Community of Merida
- Main problem → Energy cost + Lack of space
- Solution → Built a Floating PV Plant.
- Budget → 744.695,23 € (75% EAFRD + 10% MA)
- Success → Economic savings: 61.880 €/year.
Energy savings: 640.000 kWh/year.
CO2 emissions savings: 297 Teq(CO2)/year.
- Potential for transfer → Optimization of land
Placing PV on water increases EE about 10%.
Increase water quality



2nd Good Practice

Production of electrical energy, cold and heat through the use of forest and agricultural wastes

- Owner → Consortium of companies & University of Extremadura
- Main objective → Produce electricity, industrial cold and heat.
- Prototype → Biomass-solar microgenerator.
- Budget → 1.961.074,00 € (Co-financed EFRD)
- Success → micro-trigeneration process:
 - 400 kW thermal energy
 - 50 kW electricity
 - 35 kW cold
- Potential for transfer →
 - Anywhere with access to agricultural biomass wastes.
 - Areas where transport networks are deficient and the transport of fuels such is a logistical problem



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Thank you!