MarginUp!

Raising Bio-Based Industrial Feedstock in Marginal Lands

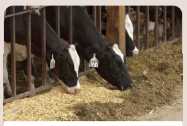
MarginUp! is developing sustainable and circular value chains to produce bioproducts and biofuels from natural raw materials grown on marginal lands. By introducing climate resilient and biodiversity-friendly non-food crops on marginal and low-productivity lands, MarginUp! will increase farming system resilience, enhance biodiversity, and promote stakeholder participation.


Medium-density fibreboard


Precast hemp panels

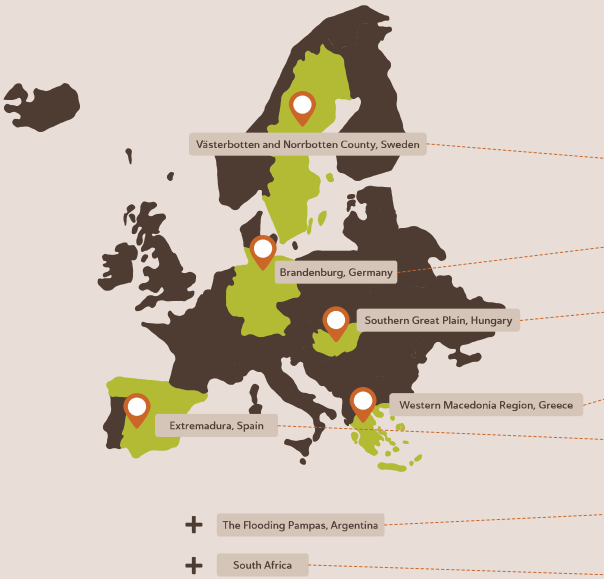

Oyster mushroom


Green-roof pellets


Animal feed


Biodiesel

Some of MarginUp! proposed bioproducts



MarginUp! Use cases

MarginUp! is learning from 7 case studies worldwide: Five full-scale implementations across Europe – in Germany, Greece, Hungary, Spain and Sweden – as well as case studies in Argentina and South Africa, together increasing the replication potential of the project's results

- Unused or passively used agricultural land with risk to be abandoned, or planted with forest.
- Fenlands/wetlands that have been mostly drained for agricultural use & are to be rewetted
- Abandoned land with sandy soil characterised by low & decreasing ground water level, low nutrient content and retention capability
- Former lignite mine with severely degraded land that is no longer productive due to intensive & unsustainable use
- Low productivity cultivation of annual corn and tomato, poor soil quality, risk for desertification & abandonment.
- Water-stressed, alkaline & saline soils affected by new invasive species
- Marginal lands suffering from bush encroachment & invasive species

MarginUp! Benefits

- Biodiversity enhancement
- Water optimised production
- Replication potential
- GHG emissions reduction
- Job creation
- Circular use of biomass
- New regional business models
- Improved soil quality and productivity
- Soil health
- Stakeholder engagement

margin-up.eu

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