Economic aspects of integrating climate change mitigating agroforestry in EU farming

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Agroforestry

Agroforestry definition

Agroforestry and climate change

Agroforestry and bioeconomy

Agroforestry and CAP
Agroforestry

What’s agroforestry?
Livestock
Crop
Tree or shrub
CLIMATE
Silvoarable
Woody perennials
SOIL
Silvopasture
Crop
Livestock
Light
Tree/shrub density, age and distribution

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Agroforestry

Agroforestry and climate change
Carbon sequestration

Climate change mitigation

Soil Carbon in deeper soil layers

Wildfire risk reduction
Climate change adaptation

**Summer droughts**

**Extreme events**
Agroforestry and bioeconomy
Figure 1. Area (left) and proportion (right) of European land use associated with all silvopasture, woodland silvopasture, shrubland silvopasture, and silvopasture with multi-purpose trees.
AFINET Challenges

Technical

Economic

Education

Policy

Economic

Alternative evaluation
organic AF
conventional AF

Bioeconomy development
New products
Labelling
New market types
Infraestructure

SOLUTION: INNOVATION DEVELOPMENT

Business Plans
Infraestructure creation
Cooperatives development

CAP PROMOTION

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Agroforestry

Agroforestry and CAP
Agroforestry and CAP
What should be done?

Pillar I
* Recognized in agricultural lands
* Multiple use + woody perennials meaning extra payment (e.g. 20-30%)

Pillar II
* Implementing AF measure meaning not to lose direct payment
* Develop incentives to foster woody perennials bioeconomy
A European Agroforestry Strategy should be designed to foster agroforestry in Europe. Such a strategy should include aspects related to current promotion, education, innovation and research on agroforestry at a European level, and provide guidance for national agroforestry strategies.


AGFORWARD 2017 Policy Report 1
AGFORWARD 2018 Policy Report 2

AFINET 2020 Policy report and presentation

Agroforestry for farmers: www.agroforestrynet.eu
Thanks a lot!
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