Increase Biofuel Use and Sustainability

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http://www.inforse.org/europe/seminar07_samso.htm

• Biomass is one of the main renewable energy sources
• The use of bio energy is complex
• Sustainability, land use, efficiency are crucial issues
• Rules for agriculture, forestry and import are needed

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Biomass

(Heat)

Biofuel

Biogas

From

Agriculture

Wood

Agriculture

Wood

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Biofuel Biogas

Agriculture

Seed

Corn

Sugarcane

Grass

Animal waste

Rapeseed

Forest

Ethanol

Wood

Palmoil

Biodiesel

Energy calculation

Energy use

Energy generated

Field preparation a

Harvest b

Transport c

Fertiliser d

Process e

Others f

SUM B

Loss L=B/A

Target B/A= 1/5

SUM

B

A

L=B/A

Target B/A= 1/5

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- Sun
- Wind
- Water
- Biomass
  - Solid
  - Fluid
  - Gas

The farmer has all of this!

http://www.eref-europe.org