

TREE FODDER: FOOD FOR THOUGHT?



Programme

- 10.15** Introduction – trees and livestock (Jo Smith, ORC)
- 10.30** How trees can affect animal behaviour (Lindsay Whistance, ORC)
- 10.45** Benefits of tannin-containing fodder trees for animal production (Sokratis Stergiadis, University of Reading)
- 11.00** *Coffee*
- 11.30** The tradition of tree fodder (Ted Green and Helen Read, Ancient Tree Forum)
- 12.00** Tree fodder in practice (Bill Acworth, Little Hidden Farm; Vincent Delobel, Chèvrerie de la Croix de la Grise; Peter Aspin, The Hollies)
- 12.45** *Lunch*
- 1.30** Farm walk
- 3.00** Workshop – identifying barriers, knowledge gaps, opportunities and innovations (Ian Knight, Abacus Agriculture Ltd and Sally Westaway, ORC)
- 4.00** *Coffee, end of meeting*



Trees

Nutrient inputs from manure

Pest & weed control

Livestock

Animal welfare

Alternative feed resources



Increased productivity:

- synergistic interactions
- use of marginal land

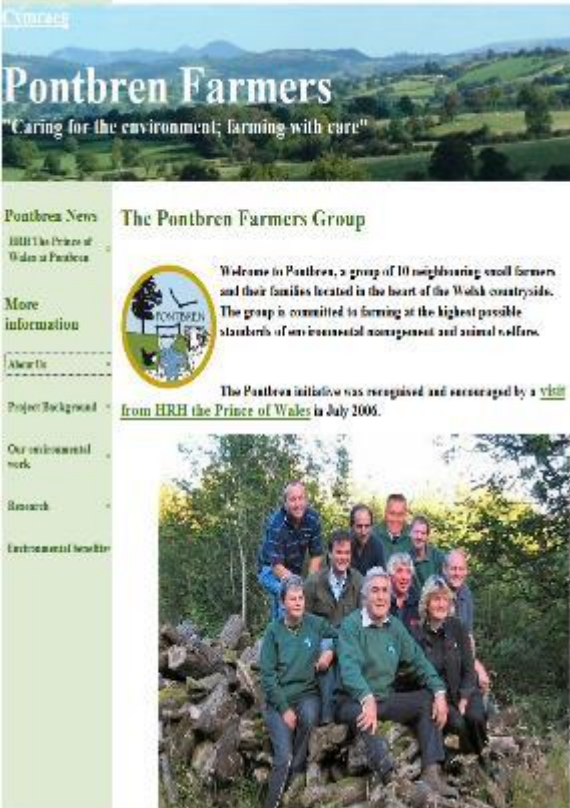
Environment:

- reduce pollution
- flood control
- C storage
- biodiversity

Economics:

- enterprise diversification
- reduced feed inputs
- on-farm energy production

BUT: Establishment costs? Management? Negative interactions??



Pont Bren: landscape scale agroforestry

- Farmer-led initiative to achieving more sustainable upland land management
- Increased 'canopy cover' from 1.5% to 5%

Water infiltration in shelter belts was 60 times that of neighbouring grassland

Peak stream flows reduced by 40%

Also.....

- Increase in farm net income
- Improved efficiency of livestock enterprises
- Future proofing
- Reducing the risk of water pollution and biosecurity

Silvopastoral systems – combining trees and livestock









30.07.2014

Riparian buffers



Shelter belts



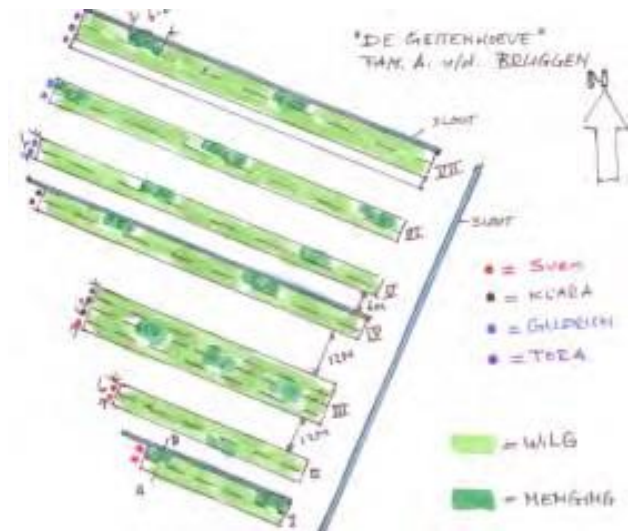
Hedgerows



Soil conservation



NETHERLANDS









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<https://global.nature.org/content/growing-our-way-to-a-healthier-climate>



Tim Downes, Shropshire



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Ted Green

- https://www.youtube.com/watch?v=_GAR1FN-qwc
- <O:\Video\KW videos\Investigating Treehay Final.mp4>







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Elm Farm, Berkshire

 Farm Boundary

Woodfuel from
Hedges

New tree planting

Silvopastoral
SRC

