



Harper Adams
University

Making trees work for livestock

25th January 2018

Tim Downes



Soil Association
healthy soil. healthy people. healthy planet



**WOODLAND
TRUST**

Aims

- To research the role of browsing trees for health
- Value of different species for moisture retention
- Fuel and alternative uses
- Planting the lost generation



View from Above

The Farm



Planting process

- Hornbeam
- Sycamore
- Disease resistance elm
- Small leaved lime



28th February 2014





WARNING
DO NOT OPERATE
MACHINE WITH
WARNING LABELS
REMOVED OR
OBSOLETE LABELS
IN PLACE



Order no: 27191

For:

THE WOODLAND TRUST

CARPINUS BETULUS (HORNBEAM)

Qty: 18.0000

Size:

150-180

Type: FTHD



3 alleyways



Positioning



Fencing off waterways













Mixed woodland







MARKETING

transportation, location
social values
niche markets
Branding is key
Long term

Description define
Marketing
Finance

diversity or specialization
value added
strength in marketing together
coops + alliances
potential



How
Finding the BALANCE

up front costs
+ ecological capital
Make decisions

agrobforestry long timelines
up and down, interim+lag funding

new markets
do your homework

Financing
banks
"love money"

will look at risks
important to establish ranges plans.
How to shift AGROFORESTRY from production into commodities (\$) as well?

branding: economic
"Signalling"
QUALITY + SALES

Key word: establish a "Range"
define products for sale
practices to benefit current practices

ENTERPRISE BUDGET
Where is profit?
How Long?

CASH FLOW
make + re-make budgets

can you pay expenses?
timing
ability to pay

How frequent are cash flows?
benefit small operators

Cultivating sustainable AGROFORESTRY

Historical + used globally
many BC examples
agrobforestry, info

planting establishment year 2
marketing
other... equipment... transport... labour

connecting marketing and finance
we care about Farmers

PROCESS
the story

target market
marketing sustainability



CHALLENGES
access to land
crown land... land tenure...
regulations
info + how to find
Cash for young farmers
to buy land

dialogue between URBAN + RURAL
UBC FARM

avoid impact on monogring trends → AGROFORESTRY

changing timelines
80 years → + thinking



educate the public about agroforestry
farmers can be ambassadors

How can UBC FARM GO FORWARD with agroforestry?

it can be an umbrella
Seasonal organic local healthy
permaculture model

FORUM: Sept 29th 2012 at UBC FARM



EMERGING OPPORTUNITIES
participants address

Tell a STORY about AGROFORESTRY
products with VALUES

sustainable / accessible + aesthetic values nutritional

banding together

FORUM: Sept 29th 2012 at UBC FARM

graphic recording: sawbreak.com







Willows crack and white



foreword by TIM FLANNERY
PETER WOHLLEBEN

The Hidden Life of
TREES



What They Feel,
How They Communicate

Discoveries from a Secret World



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Abacus organic
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