



TreeMetrics

Ultimate Clean Technology: Trees

- Carbon Sink, 'Lungs of the Earth'
- Shelter
- Heat
- Clean Air
- Clean Water
- Vital Ecosystem

Forests

- 3.0 Billion M³ Harvested Annually
- 3.0 Billion M³ Shortage 2050
- Deforestation: 20% of Global CO² Annual Emissions

Our Business

- Forest Measurement
- Forest Valuation
- Yield Improvement

The Problem – Poor Information



The Problem – “Just In Case”

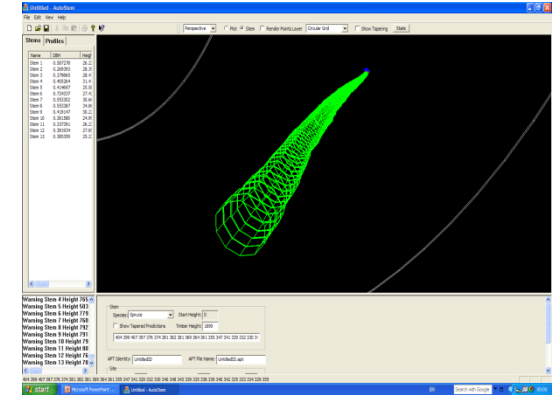


Our Technology

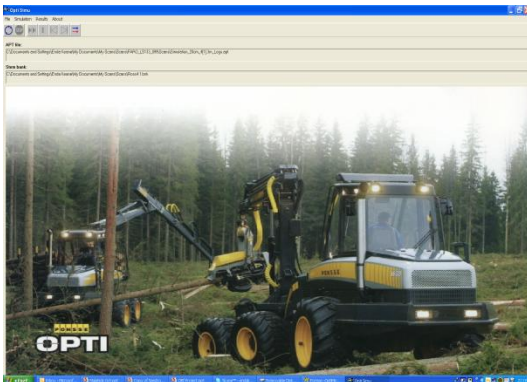
Laser Scan



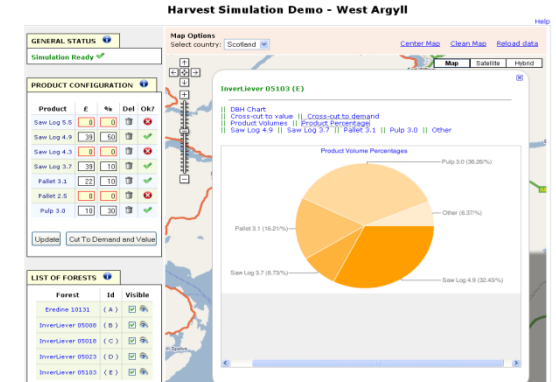
3D Measurement



Optimal Harvest



Cutting Software



“Smart Forest Warehouse”

*“It allows the forest to be described at any time,
by the different log products it can produce”*

Vision: Global Timber Warehouse

Harvest Simulation Demo - West Argyll - Windows Internet Explorer

http://www.cs.ucc.ie/trio/map2.html#

Harvest Simulation Demo - West Argyll

Harvest Simulation Demo - West Argyll

Supply chain planning demo - Help

Map Options
Select country: Scotland

Center Map Clean Map Reload data

Map Satellite Hybrid

GENERAL STATUS

Simulation Ready ✓

PRODUCT CONFIGURATION

Product	£	%	Del	Ok?
Saw Log 5.5	0	0	✖	✖
Saw Log 4.9	39	50	✔	✔
Saw Log 4.3	0	0	✖	✖
Saw Log 3.7	39	10	✔	✔
Pallet 3.1	22	10	✔	✔
Pallet 2.5	0	0	✖	✖
Pulp 3.0	10	30	✔	✔

Update Cut To Demand and Value

LIST OF FORESTS

Forest	Id	Visible
Eredine 10131	(A)	✔
InverLiever 05008	(B)	✔
InverLiever 05018	(C)	✔
InverLiever 05023	(D)	✔
InverLiever 05103	(E)	✔

InverLiever 05103 (E)

DBH Chart
Cross-cut to value || Cross-cut to demand
Product Volumes || Product Percentage
Saw Log 4.9 || Saw Log 3.7 || Pallet 3.1 || Pulp 3.0 || Other

Product Volume Percentages

Product	Percentage
Pulp 3.0	27.8%
Saw Log 4.9	20.58%
Saw Log 3.7	19.73%
Pallet 3.1	28.57%
Other	4.12%

InverLiever 05103 (E)

DBH Chart
Cross-cut to value || Cross-cut to demand
Product Volumes || Product Percentage
Saw Log 4.9 || Saw Log 3.7 || Pallet 3.1 || Pulp 3.0 || Other

Saw Log 4.9 Average SED: 195.51

Product	Volume
Saw Log 4.9	~170
Saw Log 3.7	~170
Pallet 3.1	~200
Pulp 3.0	~200
Other	~170

InverLiever 05103 (E)

DBH Chart
Cross-cut to value || Cross-cut to demand
Product Volumes || Product Percentage
Saw Log 4.9 || Saw Log 3.7 || Pallet 3.1 || Pulp 3.0 || Other

Product	Volume
Saw Log 4.9	~1000
Saw Log 3.7	~300
Pallet 3.1	~500
Pulp 3.0	~1000
Other	~200

Done

Internet 100%

Validation Customers

OBF	Austria
ONF – IFN	France
National Forest	Poland
Skog-Landskap / Viken Skog	Norway
SLU – Skogforsk	Sweden
4C / Coford / UCD / Coillte / EPA	Ireland
Silva	Latvia
OSU	USA
BFC/Forest Research	UK
Canadian Forest Service	Canada
Forestry South Australia	Australia



skog+
landskap



Forestry Commission
Scotland

coillte

UPM Tilhill



ForestrySA

Target Market

Country	Mill. M ³ (2007)
Ireland	2.7
UK	8.9
Sweden	77.2
Norway	10.5
South Africa	30.1
Australia	14.5
Finland	56.8
Poland	35.6
Latvia	12.1
Germany	76.7
France	62.7
United States	444
Canada	195.9
Total	1027.7

Scalability

- Product successfully Developed (un-met need)
- Validated with Globally Respected Growers
 - First Customers
- Customer 'Lock In'
- Strong Proposition
- Business Model
- Complete the Solution
 - IBM Smart Planet
 - SaaS, Cloud Computing
 - Aerial Scanning
 - Forest Growth