

A large industrial timber yard with stacks of logs, a green truck, and a crane. The scene is set in a large open area with several buildings in the background. A green truck is parked in the middle ground, and a crane is lifting a large log. The sky is overcast.

Getting the right tree (timber) To the right market (mill)

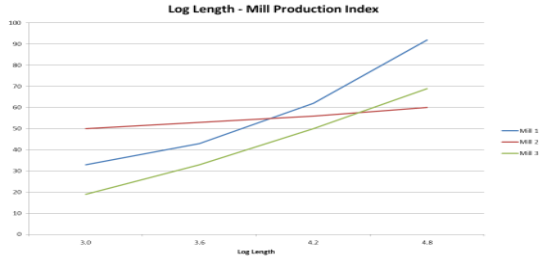
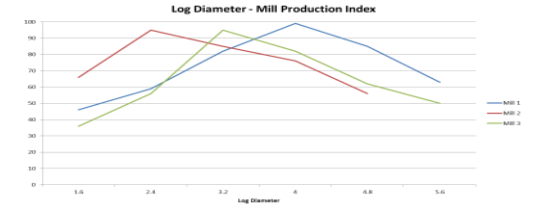
David Leslie : James Jones & Sons Ltd

27th April 2016



Sawmills are like cars!

Engine Power and Torque Curves





**James Jones
& SONS LIMITED**



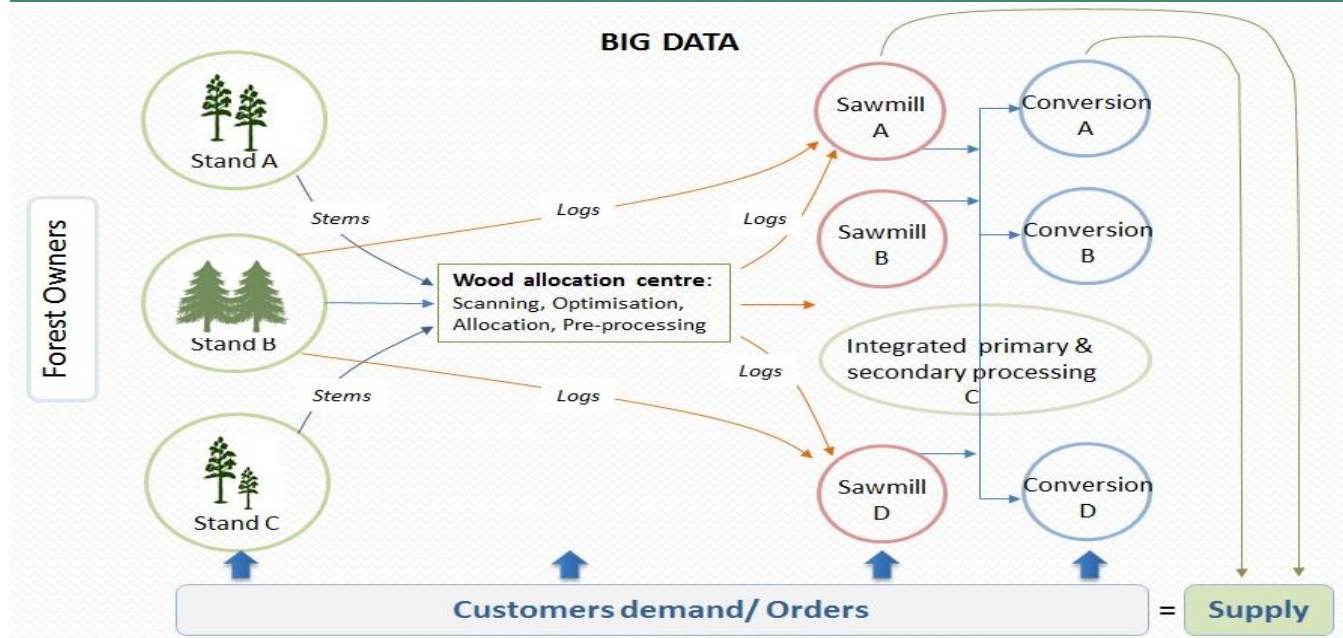
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Knowing the resource and how it is processed



It is all a question of “wood allocation”



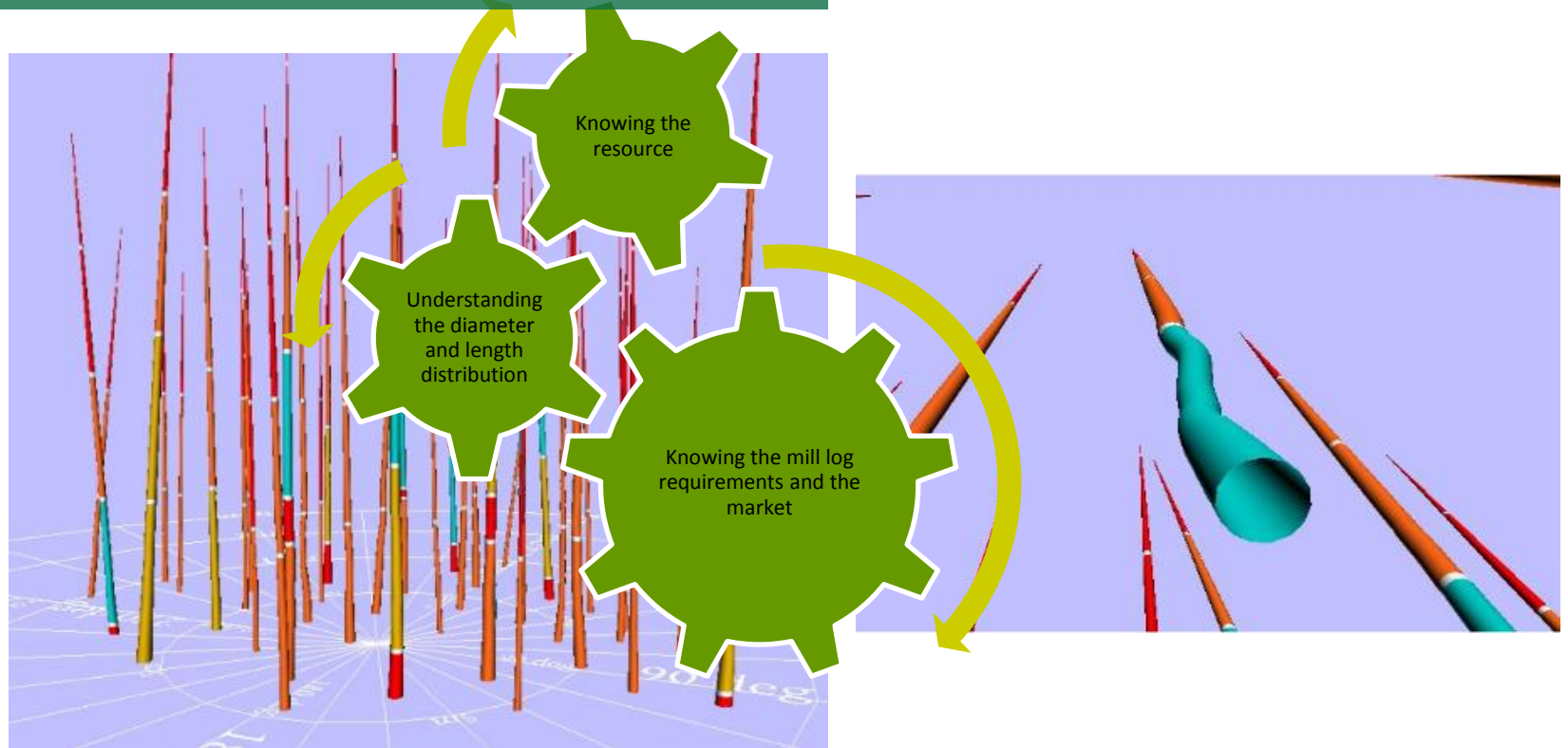


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& SONS LIMITED**



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Wood Wisdom “Varma” Project



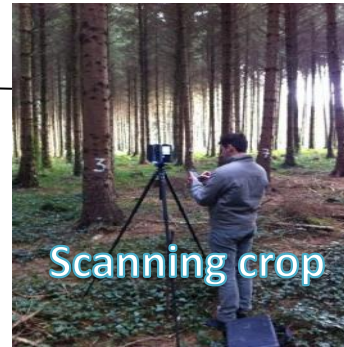
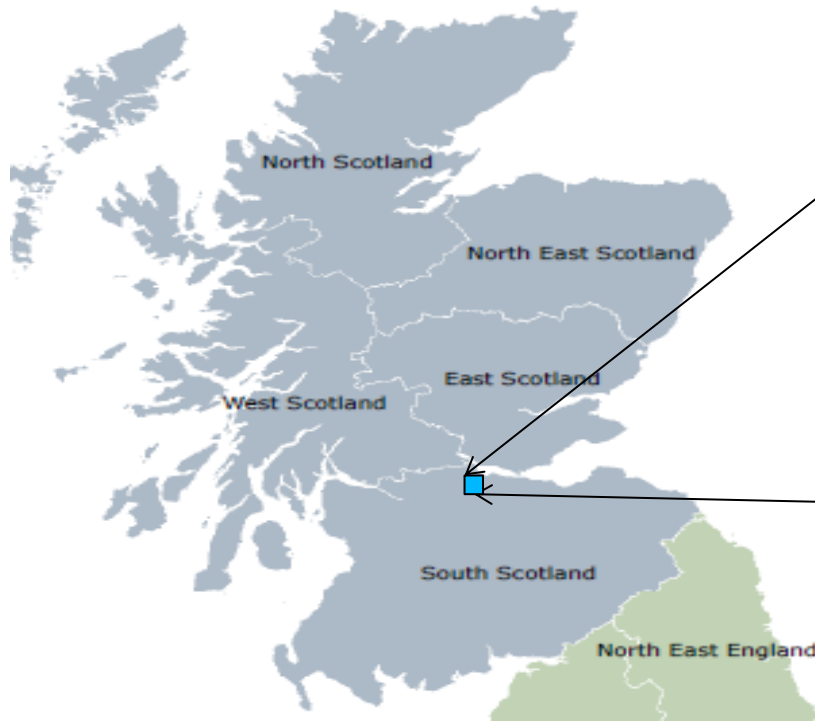


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Understanding the resource – trial area



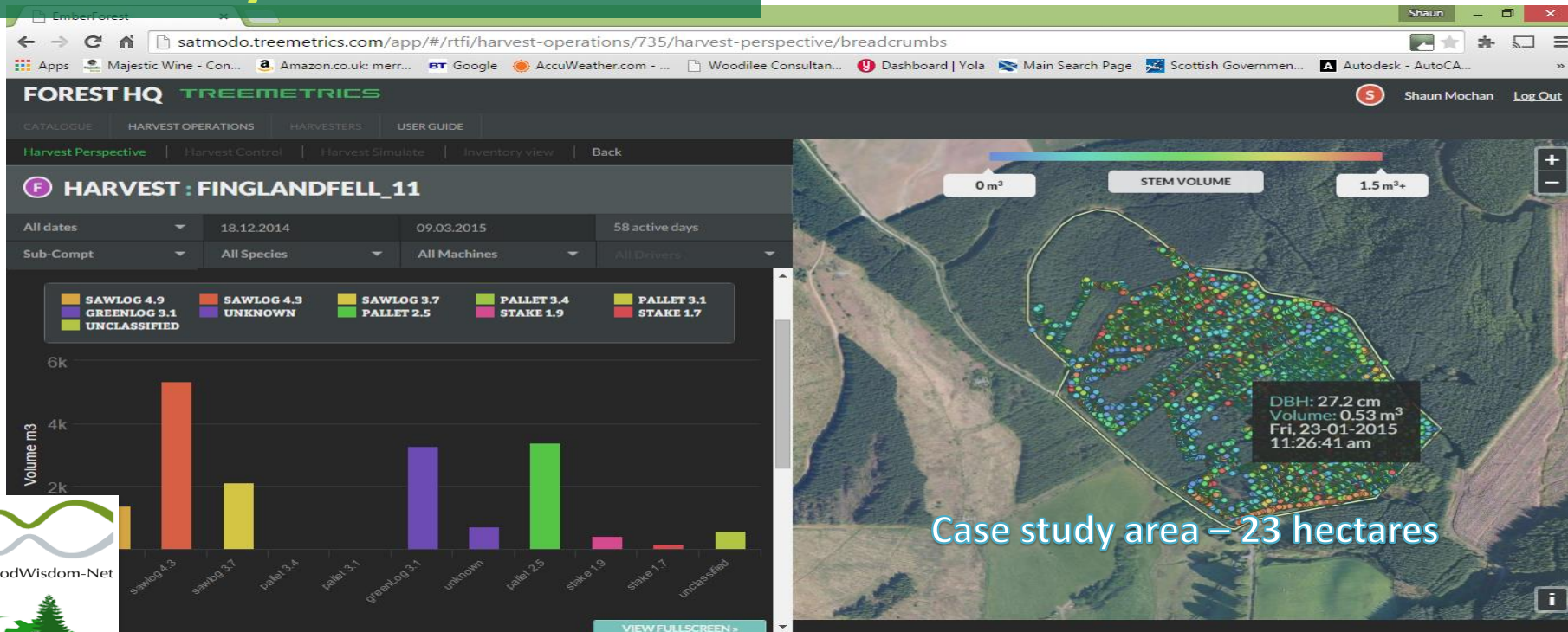


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Case study – South Scotland



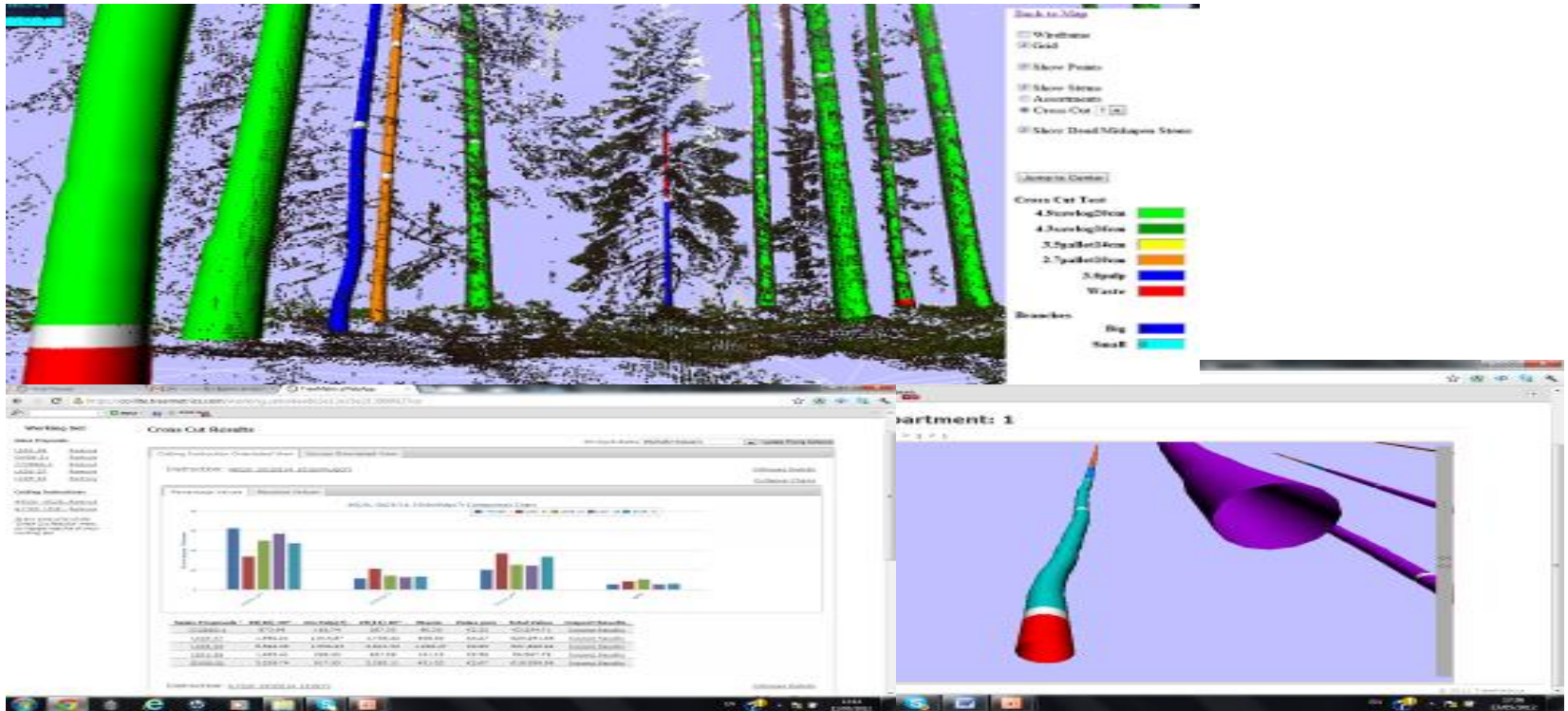


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Case study – results and impact



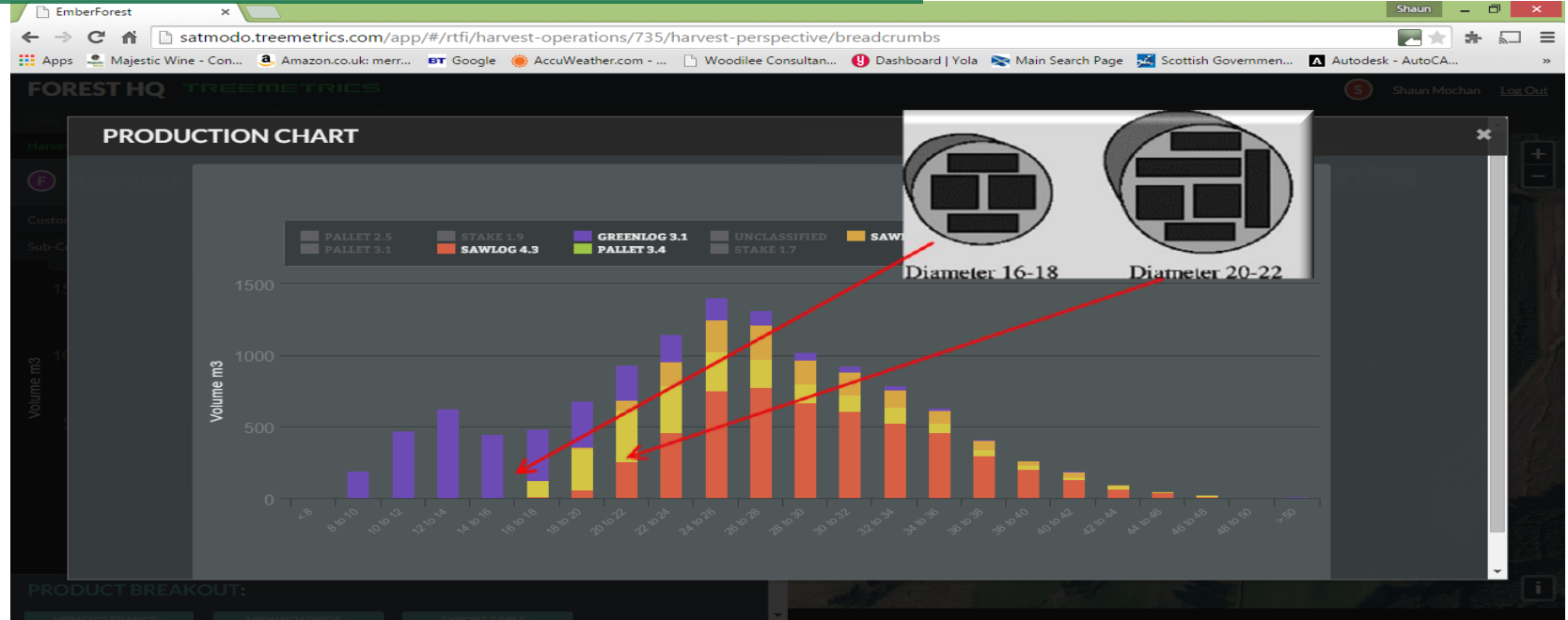


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Case Study – Harvesting to product



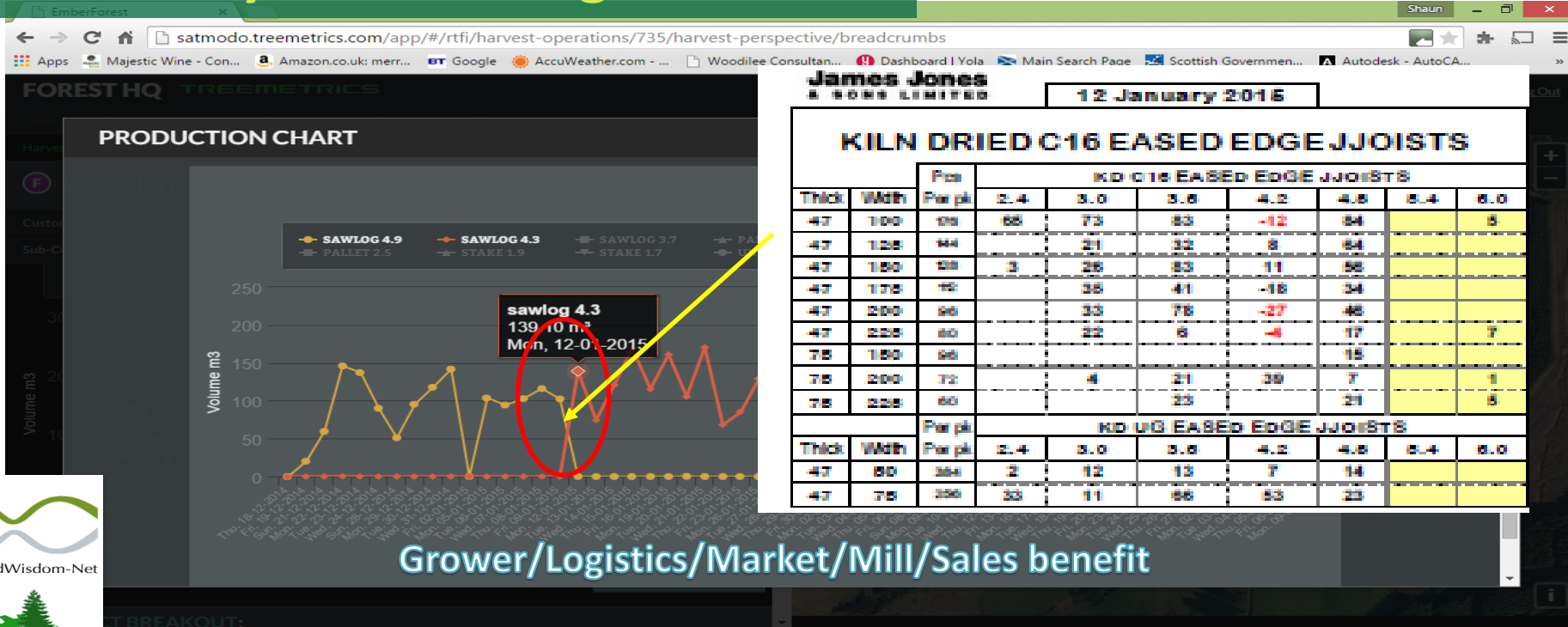


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Case study – harvesting to market



Grower/Logistics/Market/Mill/Sales benefit

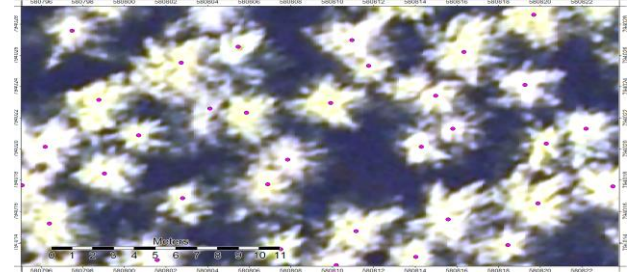




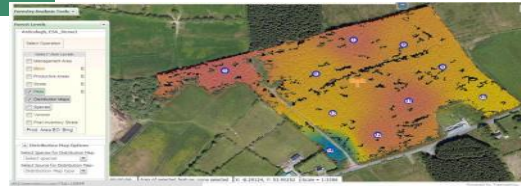
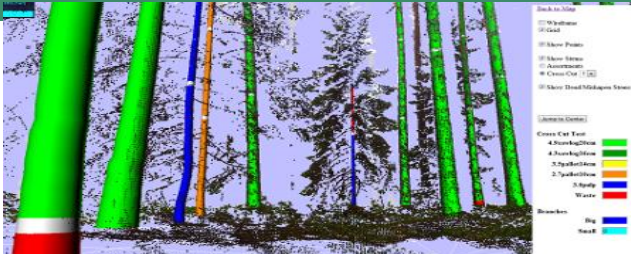
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Using advances in timber measurement and inventory





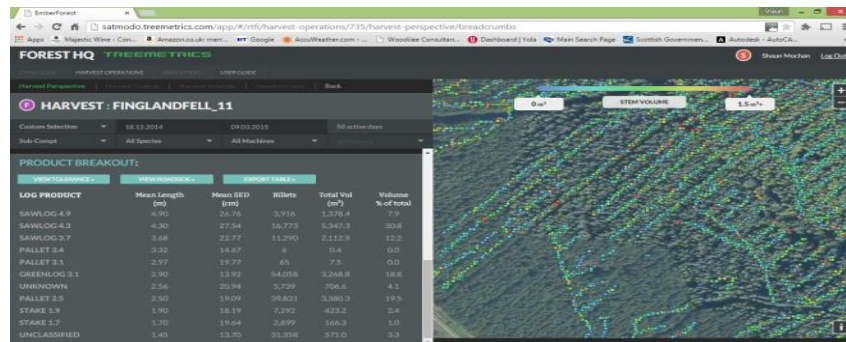
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Using the technology - harvesters





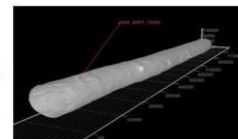
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Using acoustics, X-ray and CT Scan

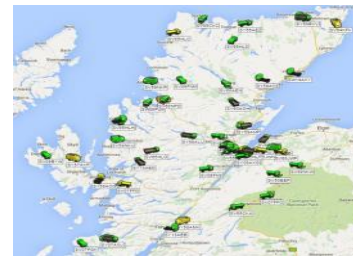




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Timber haulage, trackers and logistics packages

Idle Report By Vehicle For 01/03/2010 To 07/03/2010



Printed for: Navman Wireless UK Ltd

Printed on: 07/03/2010

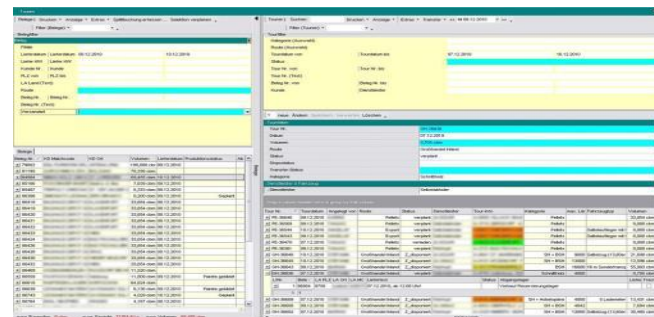
Vehicle: **John (Q3) A60 2TA** Group: **Marketing** Idle Speed: **7 feet/min**
Total Duration: **13 min**

Idle Start	Idle End	Duration	Location
01/03/2010 17:54	01/03/2010 17:59	5 min	AS65, Southport, Sefton, Sefton, United Kingdom, PR9 8
02/03/2010 07:46	02/03/2010 07:55	8 min	[John M Home], 62 Churchgate, Southport, Sefton, Sefton

Vehicle: **David (Q3) AS3 4NA** Group: **Sales South** Idle Speed: **7 feet/min**
Total Duration: **22 min**

Idle Start	Idle End	Duration	Location
01/03/2010 07:32	01/03/2010 07:37	5 min	[David T - Home], Butter Road, Stone Rural, Stafford
05/03/2010 19:13	05/03/2010 19:31	17 min	[David T - Home], Butter Road, Stone Rural, Stafford

Confidential Information. Property of: Navman Wireless UK Ltd

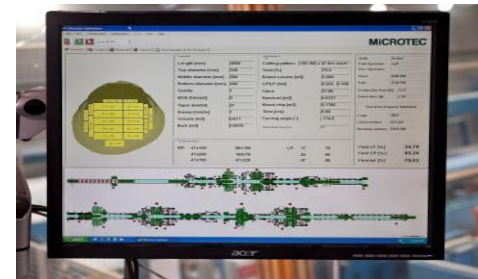




**James Jones
& SONS LIMITED**



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Using technology in the sawmill



SAWMILL STOCK

13 January 2015

Tel - 01324 562241
Fax - 01324 558755
sales@jamesjones.co.uk

FSC
 C0C1282
 PROF 0131828

KILN DRIED C16 EASED EDGE JOISTS										KD C16 EASED EDGE TREATED										22mm BOARDING STOCK									
KILN DRIED C16 EASED EDGE JOISTS										KD C16 EASED EDGE TREATED										22mm BOARDING STOCK									
75	100	125	150	175	200	225	250	275	300	75	100	125	150	175	200	225	250	275	300	22	25	28	32	36	40	44	48	52	56
100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

(Note: The table contains multiple sections for different wood products, including Unseasoned Ungraded, Economy Grade KD/HIT 5630, and Green Treated Softwood. The data is presented in a grid format with columns for different sizes and quantities.)



WoodWisdom-Net



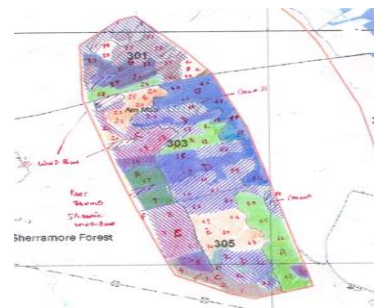
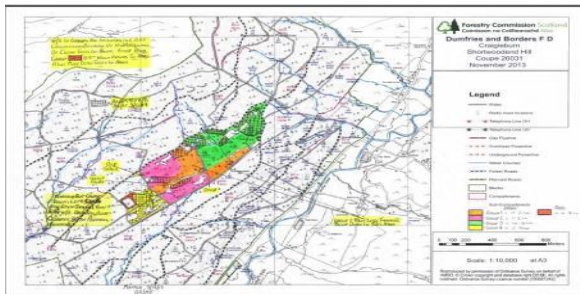
All available subject to materials remaining unsold



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Tariff Results Summary

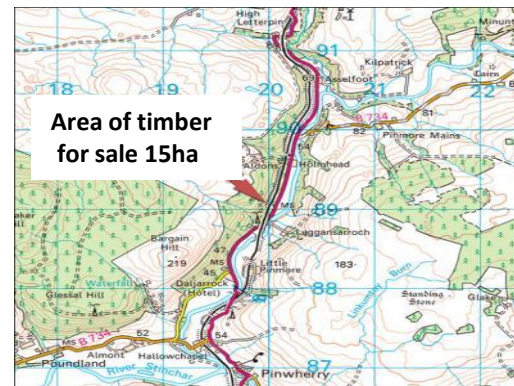
36 District

Property: Another Forest Cpts 6,8,9pt & 11pt

Stand	Spp	Tariff	Survey	Numbers of Trees		Averages		Total	Volume Assortment (4m min)			Net	Averages per ha		Age		
				Count	Girth	Fell	Tariff		Tree	Vol m ³	7-14		14-18	18+		Vol m ³	Stems
BAD	SS	Abbrev	11009	1,329	86	8	28	25	0.39	522	58	99	365	1.69	309	786	46
BAD	LP	Abbrev	11009	7	18	1	22	21	0.21	1	0	1	1.69	1	1	1	46
BA1	SS	Abbrev	11009	1024	70	7	29	26	0.44	447	40	76	331	0.93	481	1101	46
BA1	LP	Abbrev	11009	30	3	1	19	20	0.38	1	1	1	9	0.93	12	32	46
BA2	SS	Abbrev	11009	336	27	2	33	34	0.83	406	16	20	365	1.45	286	307	46
BA3	SS	Abbrev	11009	729	48	4	33	26	0.49	333	37	63	233	0.64	520	1139	46
BA4	SS	Abbrev	11009	2993	148	13	83	26	0.66	1680	152	286	1242	2.77	1608	1181	46
BA5	SS	Abbrev	11009	997	66	6	29	23	0.36	359	53	93	212	2.71	133	369	39
BA5	LP	Abbrev	11009	199	7	1	17	25	0.25	28	3	5	20	2.71	10	40	39
BA6	SS	Abbrev	11009	5381	263	20	36	27	0.61	3209	297	449	2502	7.44	166	1769	46
BA6	JL	Abbrev	11009	56	3	1	19	25	0.26	15	2	3	10	7.2	8	8	46
BA6	LP	Abbrev	11009	106	4	1	29	26	0.23	32	5	9	19	7.6	15	15	46
BB1	SS	Abbrev	11009	2064	101	10	25	19	0.21	429	141	172	116	2.26	190	917	39
BB2	SS	Abbrev	11009	3675	177	18	35	25	0.52	1913	211	363	1339	3.67	1521	1001	46
BB2	NS	Abbrev	11009	95	5	1	25	26	0.38	45	3	6	27	3.67	10	26	46
BB2	JL	Abbrev	11009	65	3	1	30	25	0.45	30	3	6	21	3.67	8	18	46
BB2	LP	Abbrev	11009	59	6	1	23	28	0.44	59	2	3	21	3.67	7	16	46
				19156	1035	102				9474.00	984	1609	6831	23.07			

Notes:

Strata BA6 contains approximately 0.5ha of wind blow which is included in the sale with an estimated sale volume of 225m³
TOTAL ESTIMATED SALE VOLUME THEREFORE 9699M³



**Good sale details...
or bad sale details**



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VARMA



**James Jones
& SONS LIMITED**



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Linking everything together



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£



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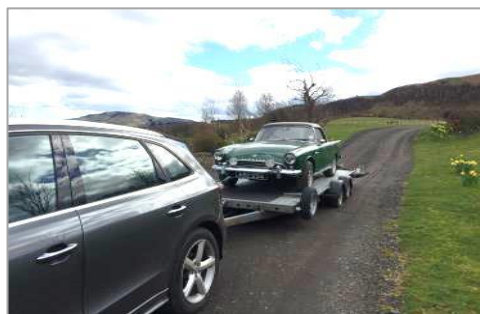


VARMA

**Value to processor
=
Value to grower (honestly!)**



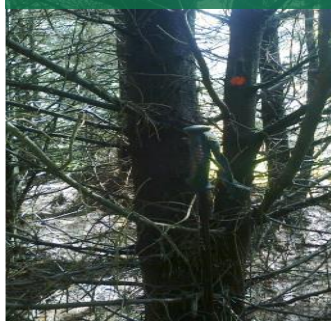
=



OR



The right (or wrong) fuel The right (or wrong) tree



OR



OR



=





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