



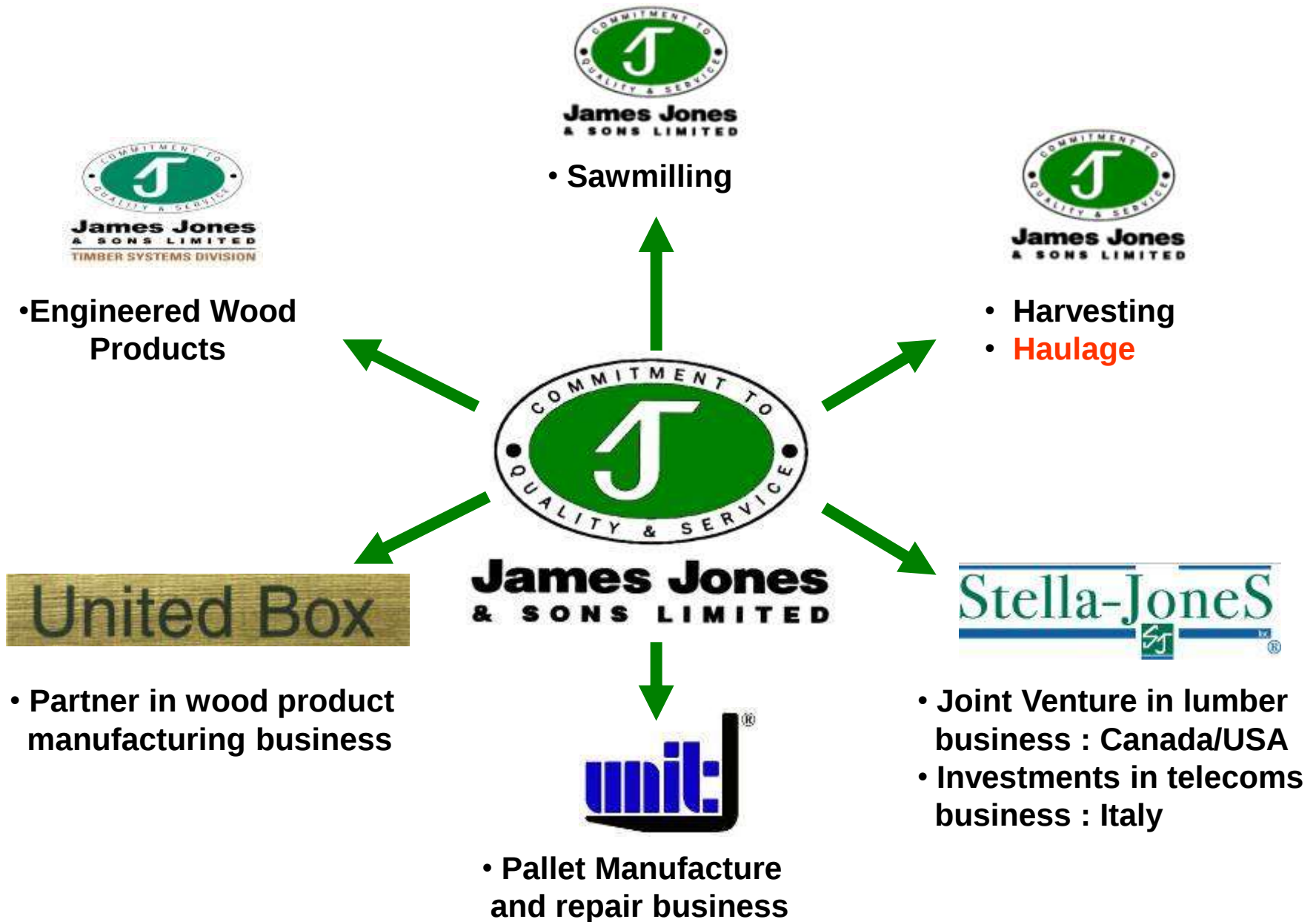
Timber Transport Conference.

11th March 2010

David S Leslie

James Jones and Sons

James Jones & Sons Ltd



Locations



**James Jones
& SONS LIMITED**

Fórres

Mosstodloch

Lockerbie

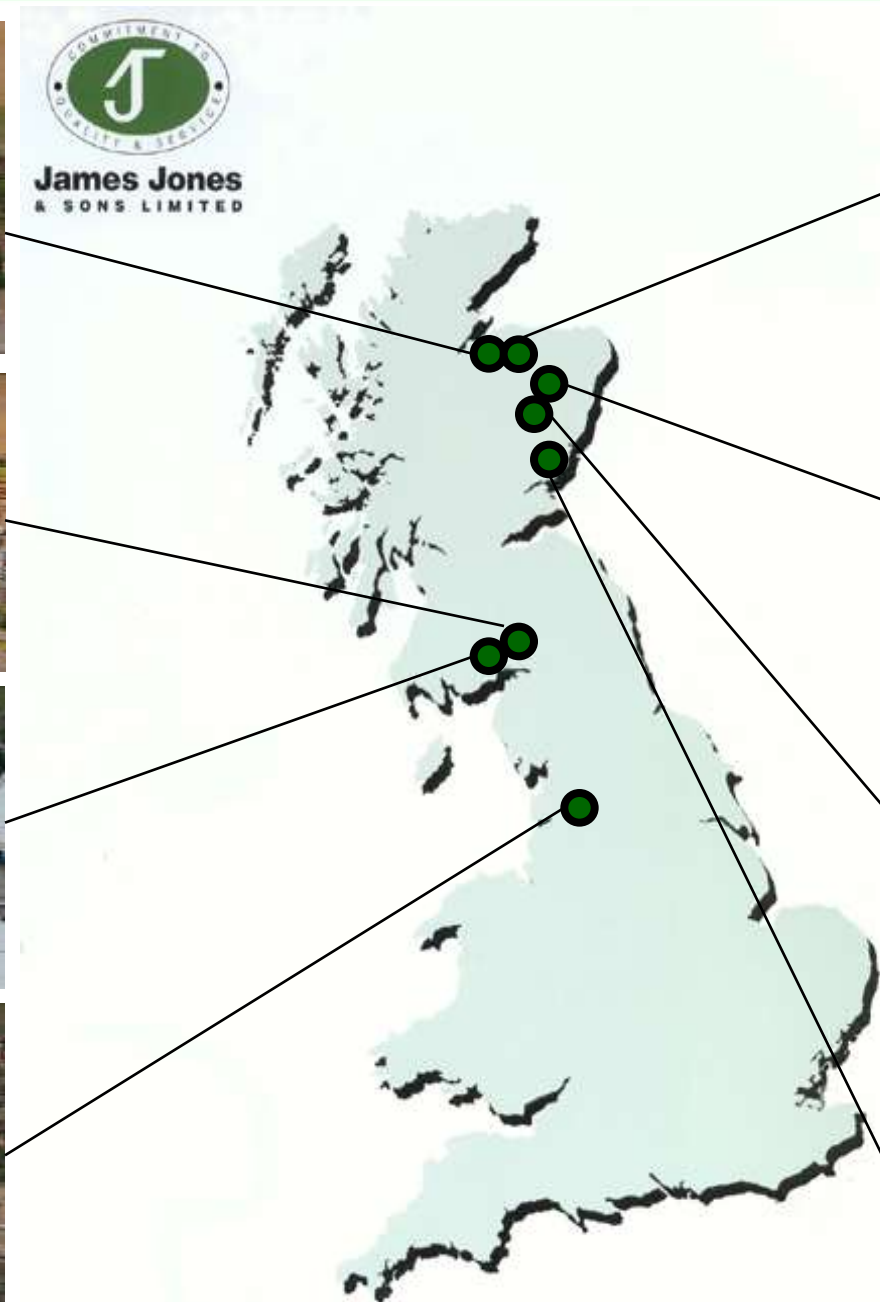
Kinnoir

Dumfries

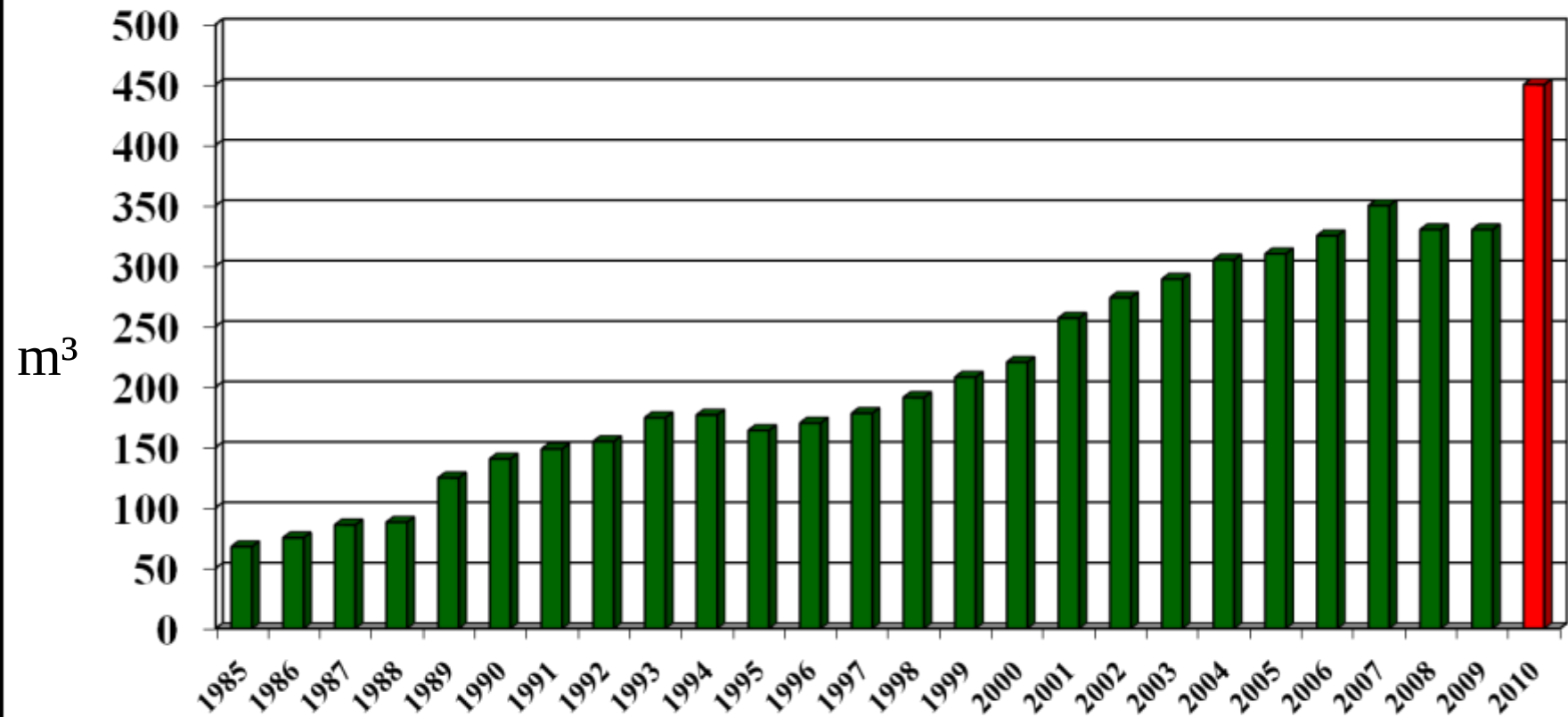
Aboyne

Unit Pallets

Kirriemuir



Total Sawmill Production (m³)



Lockerbie Sawmills



Stephens Croft. James Jones and Sons Lockerbie Sawmills

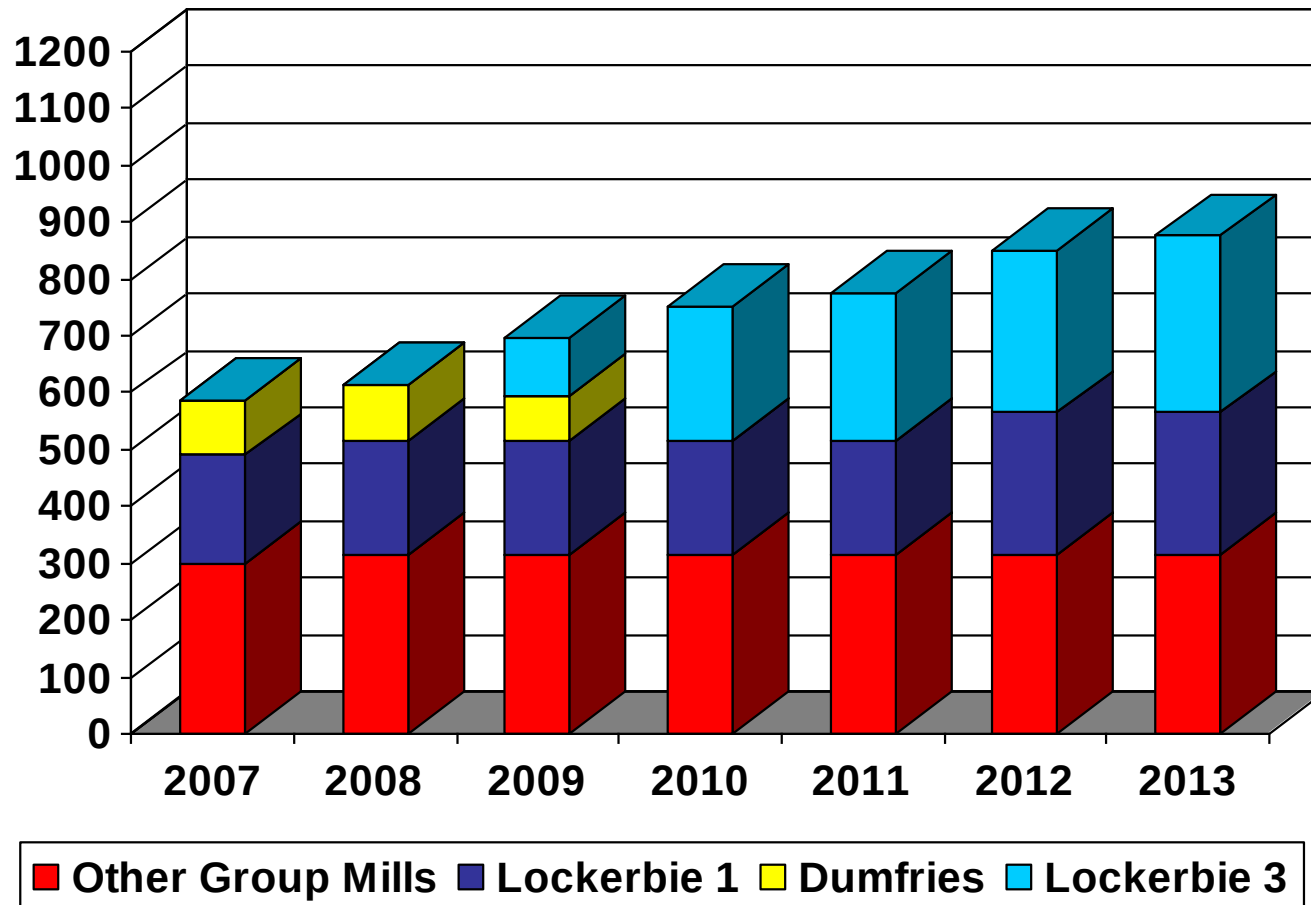
- Total capex to date: £38m
- 2009 : Large Log Line
- 2006 : Secondary Processing
- 2000 : Small Log Line



Roundwood Demand



JJSL Group Roundwood Demand South Scotland increase to 2013



Haulage : The James Jones Story



1850s : Horses



1900s : Traction Engines.



1910 : Model T and rail transport



1920s : Strapped loads!



1930s : Early “run-flats”



1940s : Military conversions



1950s : Matadors & Militants



1960s – Leyland “Hippo”



1972 Dodge : First load to Cowie!



The Larbert Workshop.



1980s & 90s : Fodens



2009 : Maxi Tyres and TPC



Drivers and Contractors



JJ Haulage Volumes 2010.



**Roundwood
1,000,000 m³**



**Sawn Wood
450,000 m³**



**Co-Products
350,000 m³**



The TPC Story



Kinbrace 2003



- FE LTC Opportunity
- Syre Forest to Kinbrace Railhead
- 15,000 tonnes/annum
- SRW to Dalcross
- Logs/Pallet to Mosstodloch
- Agreement with EWS
- 2 Year working period
- Significant issues !!!!



The First TPC Kit



- Research into TPC Systems 2006
- Sandy Hogg visits to Canada/Portugal
- Preference to Tireboss system
- Fitted to Gordon Mackenzie's Lorry
- Installed by Jimmy Munro : Rafford
- Initial support from FE : Frank McCulloch
- Initial involvement in Roadex project
- Perco Station monitoring.



TPC Research and Development



- Further funding investigations
- Funding JV with Badenoch and Strathspey Enterprise
- 2 More TPC kits fitted (double drive & tag)
- Further monitoring and testing
- Preparation of TPC report by Jonathan Ritchie
- Ongoing development within “Roadex” programme
- Roll-out of CTI strategy



TYRE PRESSURE CONTROL

An investigation into how reducing tyre pressures could increase efficiency and effectiveness of timber haulage



Jonathan Ritchie
Harvesting & Transport Manager

Michelin and Maxi Tyres



- Joint discussion with FE, HRC, JJ, Michelin
- Proposal for Maxi tyre trial 2007
- First TPC Maxi December 2007
- Further trials/monitoring
- 2008 : Second vehicle fitted with Maxi tyres
- 3 Further Maxi tyre units factory fitted.
- Encouraging results to date
- Ongoing development with Michelin/Tireboss



TPC Benefits overall : Our findings



- Overall cost savings to the user
- Increased tyre life – wear and tear (including “puncture” breakdowns)
- Increased vehicle traction and increased “footprint”
- Fuel savings through tyre pressures and vehicle specification
- Reduced wear and tear through vibration (vehicles and drivers!)
- Allows access to restricted roads
- Facilitates haulage management

TPC Benefits continued



- Reduces road repair bills for Councils and Estates/Woodland owners
- Increased “co-operation” with Councils/Estates/Growers
- Can reduce required “spec” of roads (running surface, gradients, thaw)
- Significant safety benefits relating to the above
- PR – Both for James Jones and the timber industry as a whole
- Roll out benefits across the industry : Timber availability/Work for contractors
- Carbon reduction through savings overall

Future developments



- Further R&D through Wood Wisdom Programme
- Expansion of CTI capability to contractors countrywide
- Further development with Michelin, Tireboss and others
- Expansion of “Cooperative” haulage operations
- Development of Intermodel haulage systems.



Awards and Rewards



Jonathan Ritchie receiving the 2010 Scottish Environmental Haulier of the Year Award from Transport News.

- TPC innovation and development
- Maxi tyre roll-out and development
- JIST haulage development
- Low impact haulage systems
- ISO14001 Continuous improvement



TPC and Maxi Tyre Lorry



- Vehicle on display during lunch break
- Jonathan Ritchie, Sandy Hogg, Lee Grigor and Jimmy Munro will be present for questions

James Jones & Sons : Timber and much more.....



