



Future Forests Research Limited (FFR)

Outcomes of FFR's LiDAR conference

Leadership in forest and environmental management, innovation and research



WHY is FFR interested in LiDAR?

- FFR administers a 6 year research programme focused on improving profitability of forest growing.
- One section of the programme addresses remote sensing monitoring.
- There are real opportunities to enhance the precision of inventory using LiDAR.



Outcomes from the workshop

- LiDAR uptake very limited in the forest sector.
- Attendees at the conference identified a number of action points to promote the adoption of LiDAR in the sector.



Action points

1. **Form a LiDAR action group responsible for recommendations arising out of the workshop.**
 - Initially it will operate as an FFR adhoc group for a 12 month period.
 - The group will be made up of technical and end user reps.
 - The group will be chaired by an industry champion.



Action Points

- **Raise awareness of LIDAR benefits by:**
 - Completing case studies using LiDAR.
 - Develop a business case that all companies can present to their Senior Management Teams.
 - Promote examples of overseas application of the technology.



Action Points

- **Reduce LiDAR data collection costs by:**
 - Identifying existing data sets.
 - Collaborating with MAF, MFE, NZGO and regional councils on collaborative purchasing opportunities.
 - Developing standard software applications using LIDAR as the underpinning technology.



Action Points

- **Development of data collection standards.**
- **Development of standards for data access and data sharing.**



Action Points

- **Encourage suitable 3rd parties to provide LiDAR data storage.**
- **Encourage suitable 3rd parties to provide access to standard planning applications underpinned by LiDAR**