

## **Webinar programme** **Digitalisation in Modern Silviculture**

Date: 15 October 2025

Time: 9:45 – 13:45

Online platform: Microsoft Teams

| Time          | Title and Speaker                                                                                                                            |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------|
|               | <b>Session 1:</b>                                                                                                                            |
| 9:45 – 9:55   | <b>Welcome</b><br><i>Prof Josua Louw – Nelson Mandela University</i>                                                                         |
| 9:55 – 10:00  | <b>"Digitalisation in Modern Silviculture"</b><br><i>Dr Muedanyi Ramantswana - Nelson Mandela University</i>                                 |
| 10:00 – 10:15 | <b>Precision silviculture initiatives and progress in New Zealand</b><br><i>Ms Claire Stewart – Forest Growers Research (New Zealand)</i>    |
| 10:25 – 10:40 | <b>Perspectives on Silviculture Digitalisation in South Africa</b><br><i>Mr Thembinkosi Zulu – Nelson Mandela University</i>                 |
| 10:50 – 11:05 | <b>Mulchers as an Effective Tool for Residue and Fuel Load Management</b><br><i>Mr Deon Redinger - Savithi</i>                               |
| 11:15 – 11:30 | <b>A Single Head Planting Solution for South African Conditions</b><br><i>Mr Stephanus Viljoen – Novelquip Forestry</i>                      |
| 11:30 – 11:45 | <b>Discussion and Questions</b>                                                                                                              |
| 11:45 – 12:00 | <b>Break sessions</b>                                                                                                                        |
|               | <b>Session 2:</b>                                                                                                                            |
| 12:00 – 12:15 | <b>Smart Traceability for Forestry Nurseries: The Role and Integration of Ellepot Live</b><br><i>Darran Stone – Ellepot (Australia)</i>      |
| 12:25 – 12:40 | <b>Using Advanced Mapping Tools to Improve Silviculture Operations Management</b><br><i>Mr Harley Schinagl – TerraLab (Australia)</i>        |
| 12:50 – 13:05 | <b>Application of Drones for Stand Monitoring and Survival Assessment After Regeneration</b><br><i>Ms Beatriz Zerbinato Balista (Brazil)</i> |
| 13:30         | <b>Questions and Discussion</b>                                                                                                              |
|               | <b>Closure</b>                                                                                                                               |