

Drones in Forestry



MANAGEMENT

Canopy cover, tree numbers and volume estimation



CANOPY

Monitor forest 'stands' and regeneration



MEASURING

Measurement of forest stockpiles and quarry material



RESTORATION

Conduct rapid surveys that reduce the cost and time for land restoration



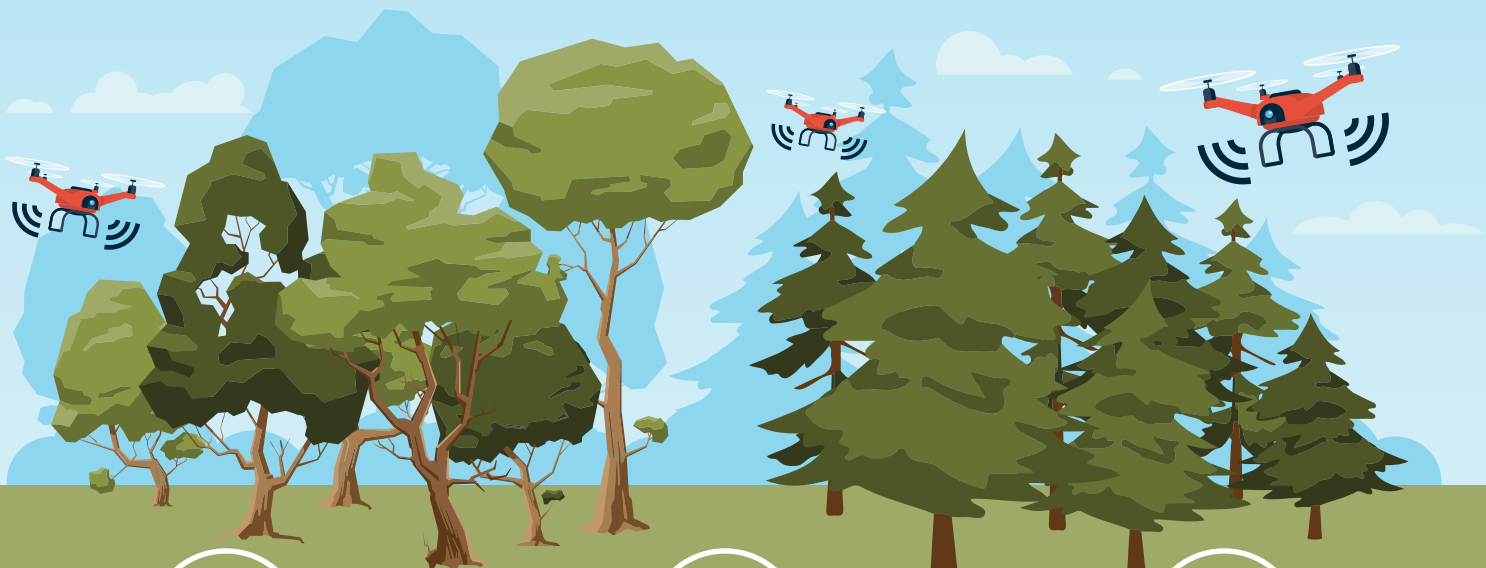
PLANTING

Distribute seedlings and seeds in a fast and efficient manner



MAPPING

Secure 2D and 3D mapping of forest carbon storage, boundaries and monitoring



PLANTATION MANAGEMENT

Payload equipment can now spread fertilizer or spot herbicide over large, inaccessible areas



SECURITY

Monitor illegal logging



DEFORESTATION

Surveillance to capture images of people or activities that are involved in illegal deforestation activities



PLANNING

Measure area, boundaries, forest stands, ecology surveys, and forest tree species



BUSHFIRES

Monitoring and management activities including hazard reduction burns, smoke spotting detection and use of thermal imagery to identify hot spots



DISEASE

Check for forest pests and diseases