

Opportunity to Purchase Pending Issuance Units

South Ayrshire

Project Highlights

- The project will plant over 80,000 trees across 34 hectares.
- The woodland is expected to sequester 4,110 tons/CO₂e over the next 45 years.
- The woodland creation will help to further strengthen flood resilience across the entire catchment.
- Areas of peat on the site are being protected and enhanced over the coming years.

Project Background

This primarily commercial woodland creation project includes a mixture of Sitka spruce, mixed native broadleaves and a variety of other conifer species, including Scots pine. 34.4 hectares of the 58 hectare site was planted in 2020. It is located in South Ayrshire and is interspersed with surrounding commercial forestry plantations.

The creation of coniferous woodlands in this area is encouraged as part of the Ayrshire and Arran Forest and Woodland Strategy (AAFWS), this is to meet climate resilience, woodland creation and timber resource requirements.

The site is classified as sensitive for forestry, and this has been taken to account during the planning process and in the final forest design. Surveys were undertaken on soils, water quality, ground water dependant terrestrial ecosystems, archaeology, landscape, critical load assessments for acid sensitivity within the catchment and breeding birds. Areas of deep peat as surveyed in the extensive soil survey have been removed from the planting design, these areas will be left as unplanted for the moment, with the intention to restore in the future to improve the site's environmental condition even further.

Carbon Sequestration Timetable for the Project, as Forecast by Woodland Carbon Code

Verification: years since start date	Vintage start date	Vintage end date	Total PIUs in vintage to be listed	PIUs to Buffer	PIUs to Project
5	24 April 2020	23 April 2025	0	0	0
15	24 April 2025	23 April 2035	454	91	363
25	24 April 2035	23 April 2045	4209	842	3367
35	24 April 2045	23 April 2055	315	63	252
45	24 April 2055	23 April 2065	160	32	128
Total			5138	1028	4110

Providing an Essential Timber Resource

One of the most valuable contributions woodlands can provide in the fight against climate change is the sustainable production of high quality timber. This incredible resource can store carbon, but more importantly it displaces the use of far higher carbon emitting materials such as concrete or steel. As previously mentioned, the creation of coniferous woodlands in this area is strongly encouraged as part of the Ayrshire and Arran Forest and Woodland Strategy (AAFWS).

Meeting National Woodland Creation Targets

Large-scale woodland creation projects such as this are crucial if there is any chance in reaching the Scottish Government's ambitious planting target of 13,000ha per year by 2025. Furthermore, the faster growing conifer species sequester carbon dioxide at an incredible rate, crucial in the Country's 2045 carbon neutral target. The mixed native broadleaves on the other hand create a long-term carbon store for future generations, looking beyond the 2045 target.



Accessibility and the Scheme's Location

With excellent access to the road network, the site is fantastically located with easy access in a truly stunning landscape.



For more information on this project,
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