

Case Study

United Kingdom South Wales

Issues

- Nutrient deficient soil.
- Steep, shaded slope.
- Previous failed revegetation attempt.
- Limited budget.



Biotic Earth applied over existing conditions where previous seeding operations failed.

Problem

The local community of Glyncoch located in Pontypridd South Wales had a challenge on their hands. With a limited budget approved by the local council and operating with volunteer labor trying to regenerate the local community the goals of building a center that would really help the surrounding neighborhood seemed out of reach. The community then came together with a crowd funding campaign to get the community center over the final financial hurdles and create the place and space that would benefit the local residents.

When the building and site work was completed the landscape required seeding to stabilize the soils and complete the desired environment. After construction there was very little topsoil and what was available was nutrient deficient and made vegetation establishment on the steep shaded slopes difficult. After an initial, traditional, hydroseeding application had failed the foot traffic on the slopes used as a short cut to access the building began to cause increased erosion on the site and result in significant long term maintenance costs.



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RMBHydroseeding
HYDROSEEDING & EROSION
CONTROL SPECIALISTS

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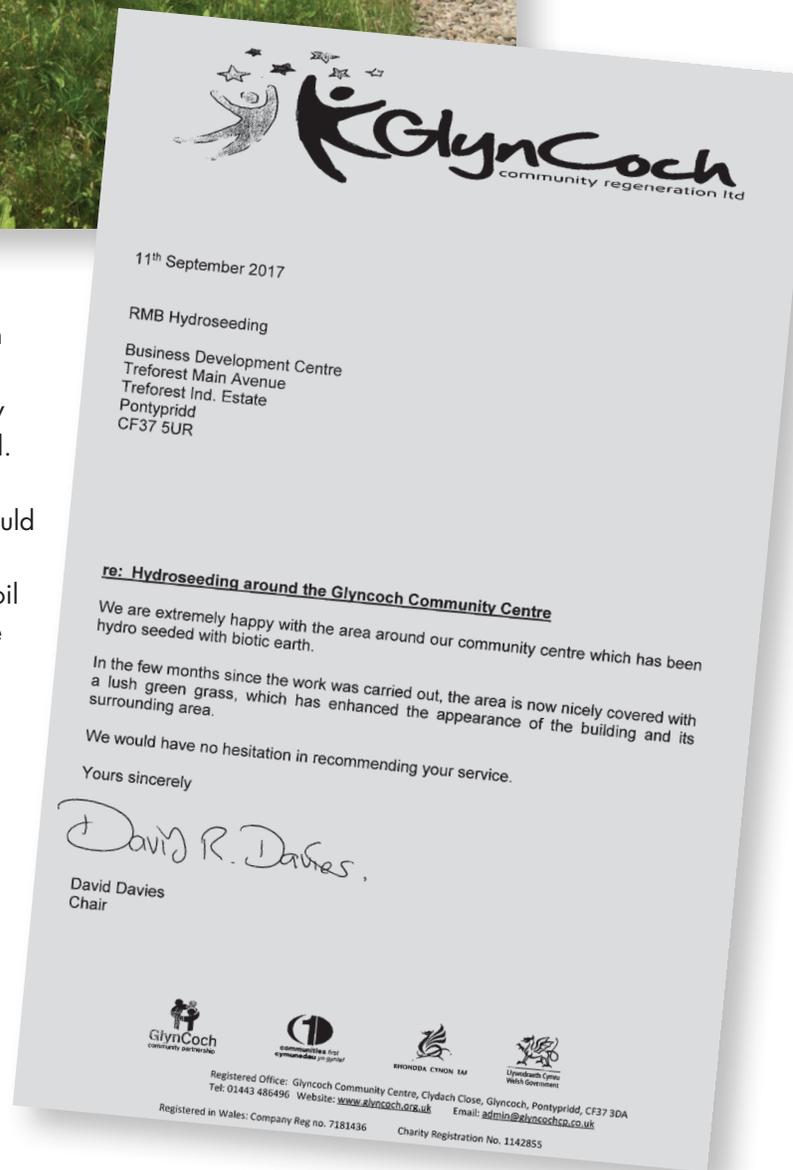
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Vegetation establishing and erosion has been successfully prevented.

Solution

The solution was provided by Glyncoch Community Regeneration LTD, with the assistance of RMB Hydroseeding a new approach to revegetation was specified. With the poor soil conditions at the site combined with the steep slopes that would make importing and spreading topsoil cost prohibitive, Biotic Earth, a biotic soil amendment was applied with a mixture of tall and hard fescues and perennial ryegrass and slow release organic fertilizer. The second hydroseeding application to the shady slope area has been considered a great success. The revegetation was successful and the area has been left to grow wild and natural to encourage wildlife back into the area.



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