



# NORTHERN TYRE

Northern Tyre Recycling (UK) Limited

If its safe enough to drive on - Its safe enough to drive over

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## Civil 2004

We would like to thank all of the companies and other organisations that visited our booth at Civil 2004. We hope you enjoyed the presentation and that Dennis, Stephen and myself were of some help, we certainly enjoyed your company and your questions. This is our first newsletter (hopefully one of many) from Northern Tyre, which we will be sending out on a monthly basis to all our friends discussing latest developments on the use of the **URRO BLOCK**, new legislation in progress and any new projects that we are undertaking. We also hope to provide an online service to help answer any enquires you may have.



## Transfer Stations

After meeting the environmental officers from local councils we feel there is a major problem in the disposal of tyres, as they are no longer acceptable at landfill sites. This need not be a hopeless situation as there are numerous applications where bailed tyres can be applied. We at Northern Tyre feel we have the solution to this problem by the creation transfer stations in each shire the tyres can be bailed on site and taken and used on various projects i.e. as a flood control barrier or possible use in a coastal erosion project. We at Northern Tyre can also provide a consultation service to all councils, which may help solve this problem.



## Development of Coastal Erosion Wall

Northern tyre and the Department of Engineering at Strathclyde University are working together in the development of a coastal erosion wall using **URRO BLOCKS** to reduce the effect of erosion on the British coastline. We hope to have positive results within the next few months in time to implement some projects this summer. As we all know this is a problem, which affects coastlines worldwide.



## How can this be fixed?

By using the **URRO BLOCKS** as support for rock armour and by wrapping the blocks in a geotextile type blanket (which will stop aggregate filling tyre cavities while still allowing water to penetrate) stacking the blocks in columns and supporting the blocks on an excavated shelf. The blocks produce a flexible core and effectively work as a shock absorber, which help absorb the wave attack created by high tides in the winter months; sand dressing can be applied over the rock armour to maintain a soft coastline appearance planting with marram grass would constitute a pro-active attitude to the continuing coastline management.



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