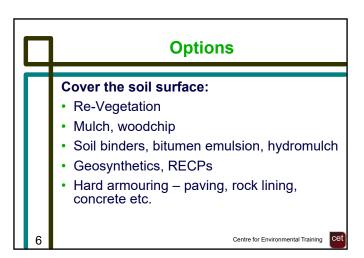


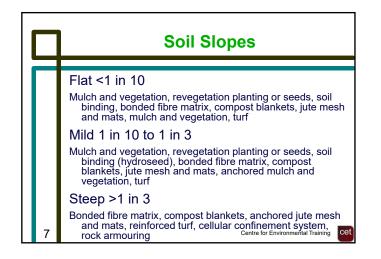


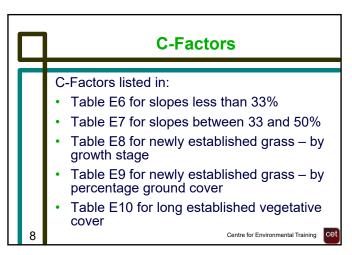
# Introduction Effective rehabilitation protects the soil surface against erosion in the long term Can readily reduce soil loss to much less than 1% of the unprotected condition Rehabilitation should occur promptly and progressively as works are completed in individual areas Centre for Environmental Training

# Stabilisation Targets • Healthy ground cover is the most effective erosion control • 70-80% of ground surface should be protected from raindrop impact • General Site Areas – seek 50% effective groundcover after 20 days inactivity in low rainfall periods and 60% effective cover after 20 days inactivity • In high rainfall periods increase these by 10% • For stockpiles require 60% effective cover if stockpile is to be left for more than 10 days centre for Environmental Training

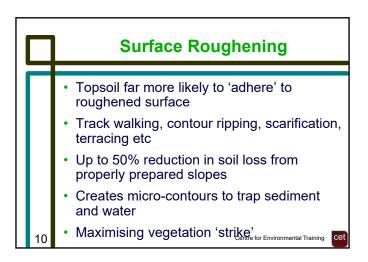
## Stabilisation Targets Diversion drains - seek to stabilise within 10 days with 70% effective cover, and ensure stable discharge area Waterways - when rain not forecast in next 3 days require 60% effective cover, and emergency measures on hand in case of rain to provide further protection. Within 10 days require 70% effective cover

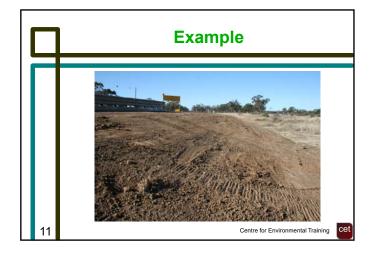






# Site Preparation and Topsoil Successful rehabilitation starts with good soil management and site preparation Deep rip, scarify, track walk or otherwise stabilise embankments along the contour Replace stored topsoil evenly over rehab surface (~75mm flat/gentle, 40-60mm steeper) Stabilise constructed surface using a range of appropriate measures



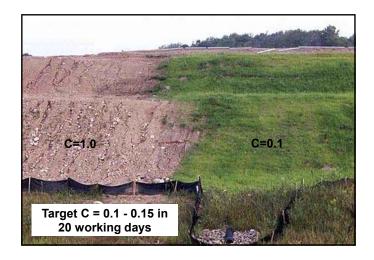


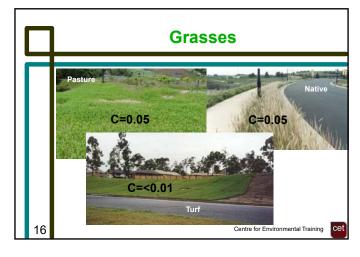




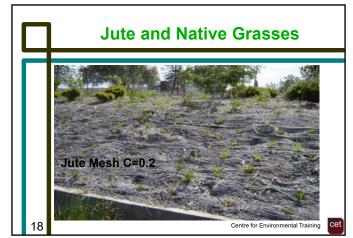




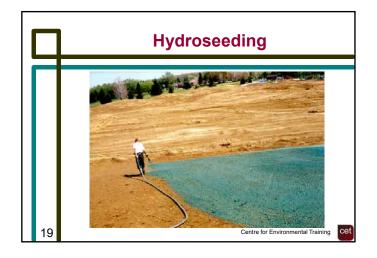


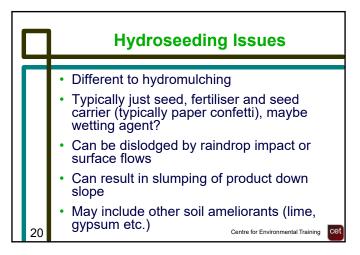




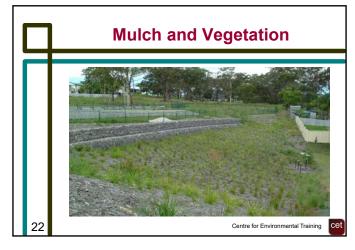






















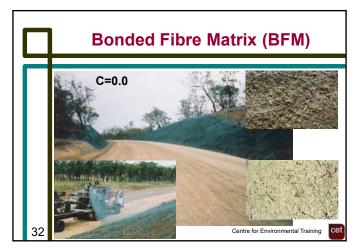








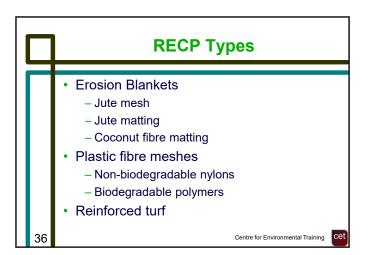




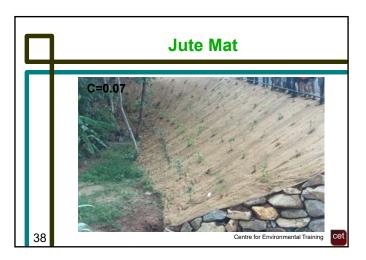
## Bitumen Emulsion Water based emulsion, e.g. "Dustdown" ~\$1-\$2 per litre Diluted at rates 10:1 to 40:1 Application at 1 diluted litre per m²



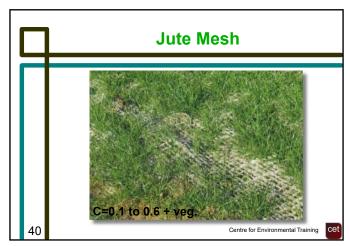




















# Can be used to stabilise drains, chutes, banks or channels with low to medium velocity flows or steeper slopes Permanently fixed to stable soil base Topsoil used to fill "cells" prior to revegetation May also be filled with small gravel or other engineered drainage materials Can be used to construct temporary stream crossings









