

WORKSHOP 3 - SUSTAINABILITY MATRIX - RED GROUP

✓ positive impact
 ✗ negative impact
 – neutral impact

? unknown
 N/A not applicable



OPTIONS	1 Strategic overview	2 Flexible plan approach	3 Maximise mineral production in existing sites	4 Transport appraisal	5 Integrated transport options
1. BALANCE NEED VERSUS ENVIRONMENT	✓	✓	✓	✓	✓
2. EFFICIENT USE OF RESOURCES	✓	✓	✓	✓	✓
3. PROMOTE USE OF LOCAL RESOURCES	?	?	✓	✓	✓
4. SUSTAINABLE AREAS FOR FUTURE MINERAL EXTRACTION	✓	? Flexibility could lead to uncertainty which is not always sustainable	✓	N/A	?
5. ACHIEVE A GOOD STANDARD OF RESTORATION AT THE EARLIEST OPPORTUNITY	?	?	✗	N/A	N/A
6. ACHIEVE A POSITIVE CONTRIBUTION IN TERMS OF LANDSCAPE / ECOLOGICAL ENHANCEMENT	✓	?	✗	N/A	N/A
7. PREVENT UNNECESSARY STERILISATION OF MINERAL RESOURCES BY OTHER FORMS OF DEVELOPMENT	✓	?	✓	N/A	N/A
8. ACHIEVE INTEGRATION WITH OTHER STRATEGIES	✓	?	?	✓	✓
9. SUSTAINABLE TRANSPORTATION	✗	✓	?	✓	✓
10. SEEK TO MAXIMISE LOCAL EMPLOYMENT AND CONTRIBUTE TO LOCAL ECONOMY	✗	?	?	?	?

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OPTIONS	6 Early public consultation	7 Local liaison groups	8 Education	9 Resource efficiency and recycling	10 Local market preference
1. BALANCE NEED VERSUS ENVIRONMENT	✓	?	✓	✓	✓
2. EFFICIENT USE OF RESOURCES	?	✗	✓	✓	✓
3. PROMOTE USE OF LOCAL RESOURCES	✓	?	✓	✓	✓
4. SUSTAINABLE AREAS FOR FUTURE MINERAL EXTRACTION	✓	N/A	?	✓	N/A
5. ACHIEVE A GOOD STANDARD OF RESTORATION AT THE EARLIEST OPPORTUNITY	?	✓	✓	?	N/A
6. ACHIEVE A POSITIVE CONTRIBUTION IN TERMS OF LANDSCAPE / ECOLOGICAL ENHANCEMENT	✓	✓	✓	?	✓
7. PREVENT UNNECESSARY STERILISATION OF MINERAL RESOURCES BY OTHER FORMS OF DEVELOPMENT	N/A	N/A	N/A	N/A	N/A
8. ACHIEVE INTEGRATION WITH OTHER STRATEGIES	✓	✓	✓	✓	✓
9. SUSTAINABLE TRANSPORTATION	?	?	?	✓	✓
10. SEEK TO MAXIMISE LOCAL EMPLOYMENT AND CONTRIBUTE TO LOCAL ECONOMY	N/A	✓	✓	✓	✓

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OPTIONS	11 Flexible long-term restoration plans				
1. BALANCE NEED VERSUS ENVIRONMENT	✓				
2. EFFICIENT USE OF RESOURCES	✓				
3. PROMOTE USE OF LOCAL RESOURCES	✓				
4. SUSTAINABLE AREAS FOR FUTURE MINERAL EXTRACTION	N/A				
5. ACHIEVE A GOOD STANDARD OF RESTORATION AT THE EARLIEST OPPORTUNITY	✓				
6. ACHIEVE A POSITIVE CONTRIBUTION IN TERMS OF LANDSCAPE / ECOLOGICAL ENHANCEMENT	✓				
7. PREVENT UNNECESSARY STERILISATION OF MINERAL RESOURCES BY OTHER FORMS OF DEVELOPMENT	?				
8. ACHIEVE INTEGRATION WITH OTHER STRATEGIES	✓				
9. SUSTAINABLE TRANSPORTATION	?				
10. SEEK TO MAXIMISE LOCAL EMPLOYMENT AND CONTRIBUTE TO LOCAL ECONOMY	N/A				