

Disaster Waste Preparedness Plans



Preparedness Planning for Waste

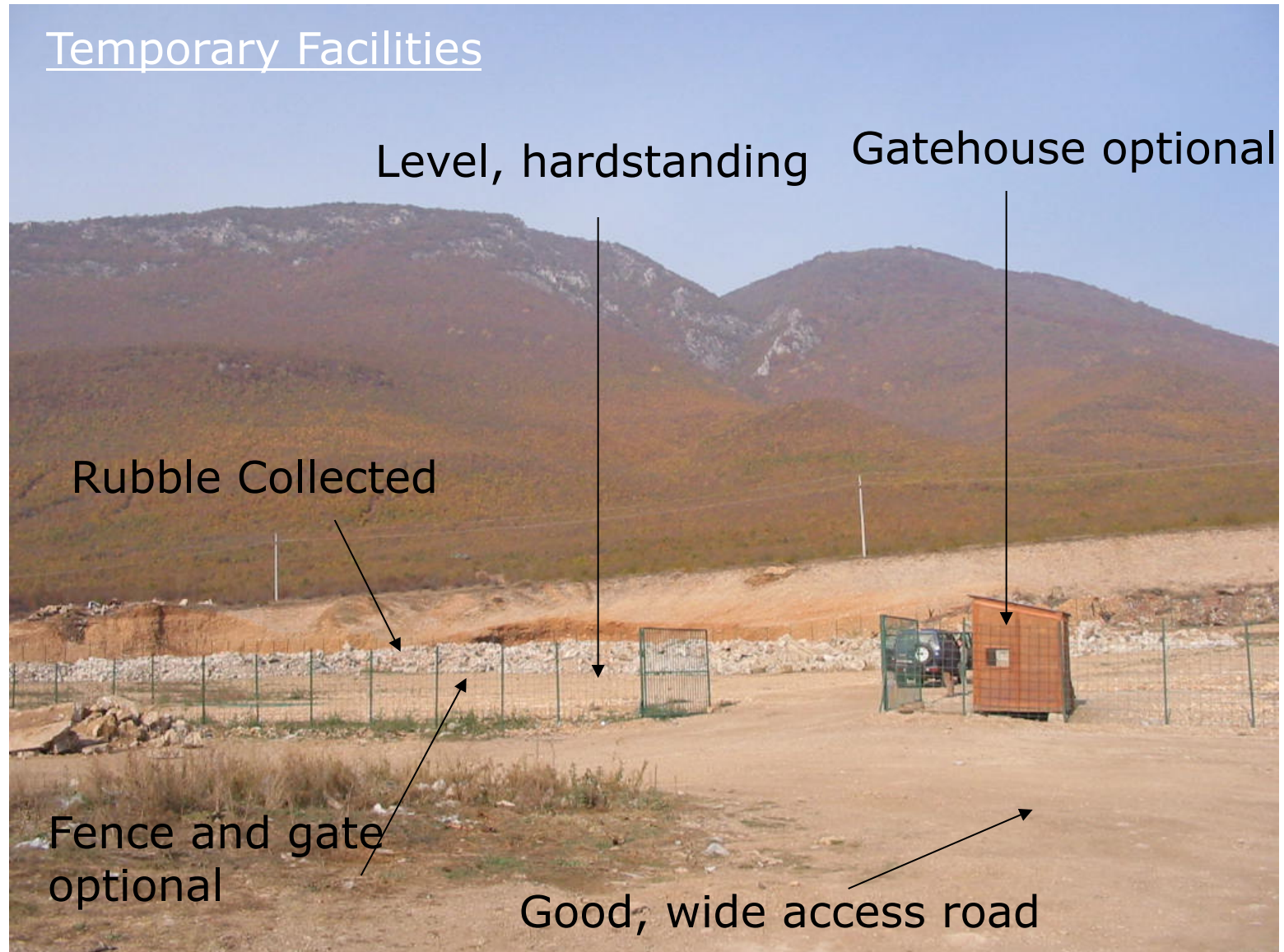
- ✓ Projection of Waste Quantities
- ✓ Prioritisation of waste streams
- ✓ Temporary Facilities
- ✓ End-uses / Disposal
- ✓ Legal Issues
- ✓ Establishment of implementation organisation
- ✓ Emergency Response Plan
- ✓ Communications plan

Prioritisation of Waste Streams

| Waste Stream | Old Waste? (i.e. more than 1 week) | Close to Residential? | Close to Watercourse? |
|--|---------------------------------------|-----------------------|-----------------------|
| <i>Waste from IDP camps and shelters</i> | | | |
| Food waste | Red | Red | Red |
| Packaging materials | Green | Green | Green |
| Excreta | Red | Red | Red |
| Wastes from relief supplies | Yellow | Yellow | Yellow |
| <i>Debris</i> | | | |
| Concrete/Bricks | Green | Green | Green |
| Household furnishings and belongings | Green | Green | Green |
| Other wastes such plastics, cardboard, paper | Green | Green | Green |
| Timber | Green | Green | Green |
| Cables etc. | Green | Green | Green |
| Soils and sediments | Green | Green | Green |
| Bulky items | Green | Green | Green |
| <i>Hazardous materials and substances</i> | | | |
| Heavy metal contaminated materials | Green | Green | Yellow |
| Hydrocarbons such as oil and fuel | Green | Yellow | Yellow |
| Paint, varnishes and solvents | Green | Red | Yellow |
| Pesticides and fertilizers | Green | Red | Yellow |
| Household cleaning products | Green | Green | Yellow |
| Medical waste in the debris | Red | Red | Red |
| Health-care Risk Waste | Red | Red | Red |
| <i>Healthcare waste</i> | | | |
| Other potential infectious waste | Red | Red | Red |
| Household wastes | Red | Red | Red |

Logistics

Temporary Facilities



End Use and Disposal



Recycling for
reconstruction

Disposal options
and rehabilitation



Legislation & Practice

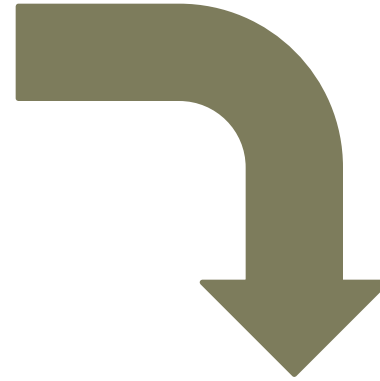
- Waste Management Legislations
- EIA legislations

To determine:

- Who owns the waste?
 - When do they own the waste?
 - Who has the liability?
 - Are there any disaster exemptions?
 - Site waste ownership issues



Implementation



Plan with

- **Specifications**
- **Logistics**
- **Training and capacity building**
- **Procurement**
- **Handover**
- **Budget**
- **Time Schedule**
- **Project Management**

Approval

Contact



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