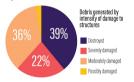


This initial quantification of conflict generated debris in the Gaza Strip is derived from UNOSAT Comprehensive Damage Assessment from 6 July 2024, in conjunction with updated building footprint as of May 2023 based on the national statistical office data. Damaged building footprints were enriched through zonal statistics with an above surface height model, derived from the difference between a DTM (SRTM) and a DSM (ALOS World 3D) as provided by the European Commission in the GHS-Built H product.

For modelling purposes, minimum building height is considered to be 3m. Each built sq. meter is considered to have generated it of debris. Results are aggregated into an hexagonal grid where each cell is 250m wide.

Total debris quantity 42,223,200 t

According to UNOSAT damage assessment, a total of 156,409 structures were damaged in the Gaza Strip as of 6 July 2024.

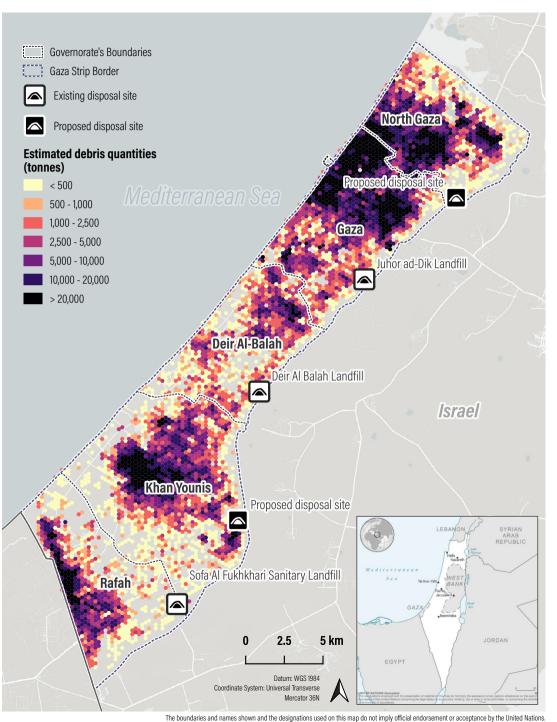


For the debris optioneering the following scenarios were developed and applied:

A. Disposal of all debris at a debris disposal site located centrally in each of the following zones: North Gaza, Gaza, Deir Al-Balah, Khan Younis and Rafah;

B. 50% disposal of the debris to locations as above scenario A, and 50% recycling of the debris at the following sites using 105 trucks: 1 centralised debris recycling in North Gaza, 1 centralised debris recycling in Gaza, 1 centralised debris recycling in Khan Younis that serves Deir Al-Balah, Khan Younis and Rafah.

Mine action/EOD costs are approximately 10% of debris management costs according to UNMAS.



SCENARIO 1 - ALL TO DISPOSAL **SCENARIO 2 - 50% RECYCLING Debris Management Outputs Debris Management Outputs** Time to clear with 105 Time to clear with 105 trucks (years) trucks (years) 12 Time to recycle (years) Time to recycle (years) Total time to clear and 12 Total time to clear and recyle (years) recyle (years) 696,418,905 869,665,972 Total cost to clear (US\$) Total cost to clear (US\$) Including project management Revenue from recycling 0 Revenue from recycling 316,674,000 (US\$) (US\$) Cost less revenue 696.418.905 Cost less revenue 552.991.972 (US\$) (USS) UNMAS estimate for EOD UNMAS estimate for EOD 86,966,597 69,641,890 support (US\$) support (US\$) 10.555.830 Total distance covered Total distance covered 11,379,100 (km) (km) CO2e from trucking 36,153 CO2e from trucking 38.973 (tCO2) (tC02) Cost of haulage (US\$) 506,678,400 Cost of haulage (US\$) 506,678,400 Material recovered for Material recovered for 21,111,600 reconstruction (tonnes) reconstruction (tonnes) Material recovered for Material recovered for 50 reconstruction (%) reconstruction (%) Cost of processing of Cost of processing of 147.781.200 debris (US\$) debris (US\$) Value of recovered Value of recovered 316,674,000 material in market (US\$) material in market (US\$) Total cost of natural raw Total cost of natural raw 717,794,400 materials substituted materials substituted (US\$) (US\$) Material disposed 42,223,200 t Material disposed 21,111,600 t (100%)(50%)Total space required for Total space required for 527/ 5.270 264 / 2.638 disposal (ha/donum) disposal (ha/donum) Value of land taken by Value of land taken by 2,621,600 1,319,475

disposal (US\$/5 years)

disposal (US\$/5 years)