

Waste Management Plan
for Demolition Works
at ST Microelectronics KK3 Project

1. Project Overview

- **Project Name:** KK3 Preparatory Works – Demolition of Buildings 27, 30, 31, and Associated Ancillary Structures
 - **Location:** STMicroelectronics, Kirkop, Malta
 - **Objective:** The objective of this waste management plan is to outline the waste handling, recycling, and disposal procedures for the demolition works, in compliance with European and Maltese waste management regulations.
 - **Assigned Company:** Elbros Construction Ltd.
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2. Scope of Work

The demolition works involve:

- Demolition of **Buildings 27, 30, 31** and associated ancillary structures.
 - Removal of **concrete, masonry, steel, and wooden materials**.
 - Controlled dismantling of **internal fixtures, roofing panels, and mechanical ductwork**.
 - Proper segregation and recycling of materials, with safe disposal of non-recyclable materials at authorized facilities.
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3. Method Statement

The demolition will be carried out according to the following procedures:

- **Site Preparation and Fencing:** The area will be secured with fencing, ensuring safety and limiting access to the site.
 - **Dismantling Process:** Ancillary structures will be dismantled manually or with machinery, including cherry pickers, cranes, and excavators.
 - **Waste Segregation:** All waste will be separated into recyclable and non-recyclable categories. Recyclable materials such as **steel** and **concrete** will be transported to local recycling centres, and non-recyclable materials will be taken to **authorized landfills**.
 - **Dust and Noise Control:** Water spraying and other control measures will be implemented to minimize environmental impact.
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- **Personal Protective Equipment (PPE):** All workers will be equipped with appropriate PPE, including safety boots, gloves, and respiratory protection.
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4. Waste Streams and European Waste Codes (EWC)

The following waste streams are expected during the demolition process:

Waste Type	EWC Code
Concrete and Masonry	17 01 07
Steel (Roofing Panels, etc.)	17 04 05
Aluminium	17 04 02
Wood	15 01 03
Mixed Municipal Waste	20 03 01
Waste Electrical and Electronic Equipment (WEEE)	16 02 14

5. Waste Handling and Disposal

- **Recycling:** Recyclable materials (such as steel and concrete) will be separated and transported to **ERA-permitted recycling facilities**.
 - **Landfill:** Non-recyclable waste will be transported to **authorized landfills** in Malta.
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6. Waste Carriers

- **Waste Carrier Company:** attached list – Annex 1- List of Carriers and Vehicles
- **Permit Number:** attached list – Annex 1- List of Carriers and Vehicles

Transportation Vehicles:

- **Number Plate:** attached list – Annex 1- List of Carriers and Vehicles
 - **Permit Number:** attached list – Annex 1- List of Carriers and Vehicles
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7. Waste Treatment Facilities

- **Facility Name:** attached list – Annex 2 - Waste Facilities
- **Permit Number:** attached list – Annex 2 - Waste Facilities

All waste materials will be sent to ERA-approved facilities for proper treatment and disposal.

8. Schedule

The work will be carried out as follows:

- **Start Date:** 1st October 2024
 - **End Date:** 5th December 2024
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9. Reporting

- **Monthly Reporting:** A detailed report of waste generated, EWC codes, quantities, and disposal records will be submitted monthly.
 - **Final Reporting:** Upon completion, a final report of all waste removed will be provided to STMicroelectronics.
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10. Contact Information

Signatures:

- **Elbros Construction Ltd:**
Josef Cachia – Projects Director

- **ST Project Responsible:**
Ede Kossari Tarnik – Site Environmental and Energy Champion

Annex 1 – List of Carriers and Vehicles

Carrier	Reg No
Elbros Services Limited	FCF164
Elbros Services Limited	BCJ774
Elbros Services Limited	BCH404
Elbros Services Limited	BCH405
Elbros Services Limited	UQZ008
Curtis Camilleri	HBU148
Omar Orsini	ORS063
Omar Orsini	ORS220
Kenneth Spiteri	CCJ698

Annex 2 – Waste Facilities

Waste Type	Facility
Concrete and Masonry	Quarry HM30, Ta' Zuta, Dingli
Steel (Roofing Panels, etc.)	JAC STEEL LTD - EP 0025/22
Aluminium	JAC STEEL LTD - EP 0025/22
Wood	Wasteserv
Mixed Municipal Waste	Wasteserv
Waste Electrical and Electronic Equipment (WEEE)	WEEE Malta Ltd

Decommissioning Plan

1. Brief description:

STMicroelectronics Malta is undergoing a significant site transformation, which includes the construction of a new manufacturing facility in KK3. This project is governed by a contract between STMicroelectronics Malta Ltd. and INDIS Malta Ltd. The contract stipulates the complete transfer of the KK3 land to the landowner (INDIS Malta Ltd.) for the duration of the development period as specified in the agreement. Consequently, STMicroelectronics must discontinue its operations in KK3, where non-hazardous waste was previously stored. The building designated for this purpose will be demolished due to its location within the footprint of the new manufacturing area.

2. Method statement (including pollution prevention):

Assigned company: Elbros Construction Ltd.

The building was officially handed over by STMicroelectronics, which has been meticulously cleared of any waste residues. All operational waste activities relocated to the newly established waste management area in KK2.

The demolition will be carried out according to the following procedures:

- **Site Preparation and Fencing:** The area will be secured with fencing, ensuring safety and limiting access to the site.
- **Dismantling Process:** Ancillary structures will be dismantled manually or with machinery, including cherry pickers, cranes, and excavators.
- **Waste Segregation:** All waste will be separated into recyclable and non-recyclable categories. Recyclable materials such as steel and concrete will be transported to local recycling centres, and non-recyclable materials will be taken to authorized landfills.
- **Dust and Noise Control:** Water spraying, and other control measures will be implemented to minimize environmental impact.
- **Personal Protective Equipment (PPE):** All workers will be equipped with appropriate PPE, including safety boots, gloves, and respiratory protection.
- **Waste Handling and Disposal:**
 - **Recycling:** Recyclable materials (such as steel and concrete) will be separated and transported to ERA-permitted recycling facilities.
 - **Landfill:** Non-recyclable waste will be transported to authorized landfills in Malta.

3. Waste streams:

Waste Management Plan – 4.Waste Streams and European Waste Codes (EWC)

4. Waste carrier company and permit number:

Attached - Waste Management Plan – Annex 1- List of Carriers and Vehicles

5. Number plate and permit number of transportation vehicle:

Attached - Waste Management Plan – Annex 1- List of Carriers and Vehicles

6. Waste treatment facility and permit number:

Attached - Waste Management Plan – Annex 2- Waste Facilities

7. Proposed date

20th October – 5th December

Laurent Filipozzi

EP0021/22 Permit Holder

Ede Kossari Tarnik

EP0021/22 Technical Competent Person