

IL-BALLUT TA' MARSAXLOKK

MT0000014

Designation Area: **23.34 ha**

ANNEX I HABITATS

- *Salicornia* and other annuals colonising mud and sand (**Habitat 1310**)
- Mediterranean salt meadows (*Juncetalia maritimi*) (**Habitat 1410**)
- Mediterranean and thermo-Atlantic halophilous scrubs (*Sarcocornetea fruticosi*) (**Habitat 1420**)
- Southern riparian galleries and thickets (*Nerio-Tamaricetea* and *Securinegion tinctoriae*) (**Habitat 92D0**)

Figure 14: Habitat map of 'Il-Ballut ta' Marsaxlokk'

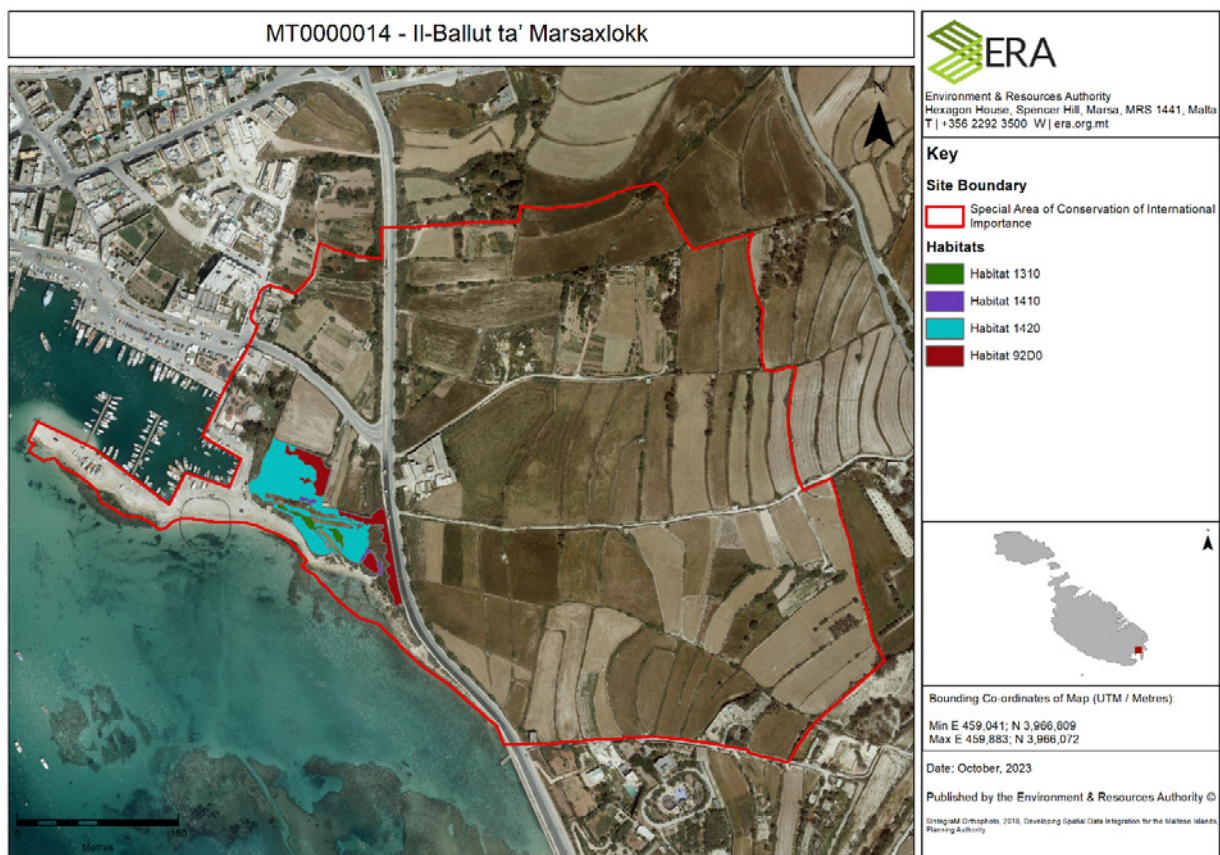
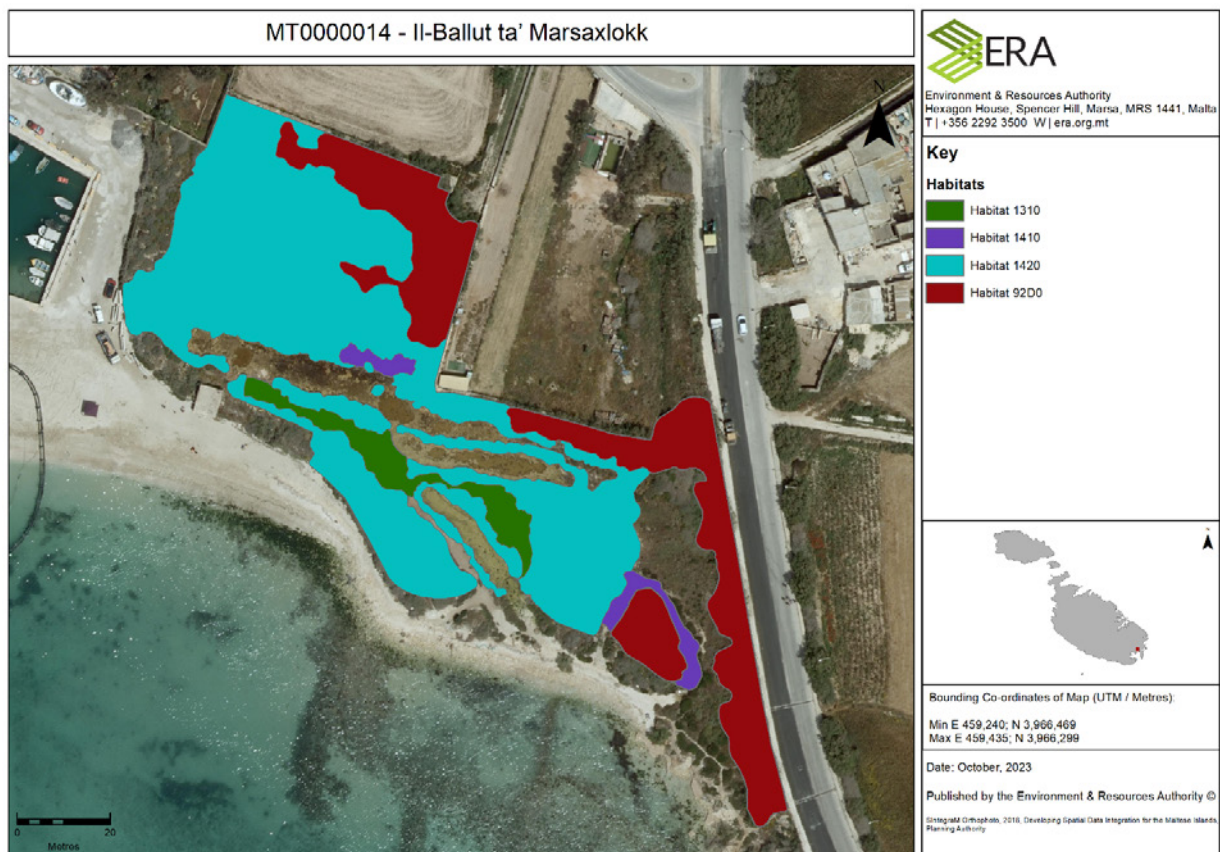


Figure 15: Habitat map of the saltmarsh habitats at 'Il-Ballut ta' Marsaxlokk'



HABITAT ASSESSMENT

Table 15: Habitat types of Annex I of Council Directive 92/43/EEC present on site

Habitat Code	Habitat Name	Cover	Data Quality	Site assessment				Pressures relevant to the Natura 2000 site
				Representativity	Relative Surface	Conservation	Global	
1310	<i>Salicornia</i> and other annuals colonising mud and sand	0.03 ha	G	B	B	A	B	
1410	Mediterranean salt meadows (<i>Juncetalia maritimi</i>)	0.01 ha	G	C	B	A	B	PF05 - Sports, tourism and leisure activities
1420	Mediterranean and thermo-Atlantic halophilous scrubs (<i>Sarcocornetea fruticosi</i>)	0.4 ha	G	B	A	B	B	PM07 - Natural processes without direct or indirect influence from human activities or climate change
92D0	Southern riparian galleries and thickets (<i>Nerio-Tamaricetea</i> and <i>Securinegion tinctoriae</i>)	0.1 ha	G	C	C	C	C	PL05 - Modification of hydrological flow

1310 - *SALICORNIA* AND OTHER ANNUALS COLONISING MUD AND SAND

The following site-specific conservation objectives and measures shall seek to restore the conservation status of this habitat type within this site by 2030:

1310 - <i>Salicornia</i> and other annuals colonising mud and sand					
SSCO code	Conservation Objective	Attributes	Target	Unit of measurement	
MT14_SSCO_01a	Maintain the extent of Habitat 1310 through the corresponding target	Area covered by the habitat type	Area stable at 0.03 ha or increasing through natural regeneration	Habitat area (in hectares)	
MT14_SSCO_01b	Improve the structure and function of Habitat 1310 through the corresponding targets	Species composition: Typical species	Habitat representativity improved	Species composition	
MT14_SSCO_01c		Hydrological regime	Appropriate hydrological regime necessary for maintenance of Habitat 1310	Habitat area (in hectares)	
MT14_SSCO_01d	Improve future prospects of Habitat 1310 through the corresponding targets	Pressures and threats: Human disturbance (Trampling)	Trampling within areas supporting Habitat 1310 is non- significant	Area of habitat showing signs of trampling	
MT14_SSCO_01e		Pressures & threats: Coastal erosion	Coastal erosion mitigated	Habitat area (in hectares)	
1310 - <i>Salicornia</i> and other annuals colonising mud and sand					
Measure code	Conservation Measure	Category (Art. 17)	Performance indicator	Timeframe	Lead/ Supporting Parties
MT14_CM_01a	Planting of <i>Thero-Salicornietalia</i> species which are currently absent or at a low population to improve representativity of Habitat 1310	Manage native species (incl. non-Directive species) (MS04)	Number of typical species (species list), number of specimens planted and success rate	Short-term	ERA, AM / NGO

1310 - <i>Salicornia</i> and other annuals colonising mud and sand					
Measure code	Conservation Measure	Category (Art. 17)	Performance indicator	Timeframe	Lead/ Supporting Parties
MT14_CM_01b	Evaluate recommendations outlined from the LIFE IP hydrological regime study which aim to re-establish the hydrological regime and implement as necessary	Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats). (MF08)	Hydrological regime (Water flow/ levels)	Medium-term	ERA, AM / NGO
MT14_CM_01c	Evaluate recommendations outlined from the LIFE IP (Action C.13) study which aim to mitigate coastal erosion processes and implement as necessary	Management of habitats (others than agriculture and forest) to slow, stop or reverse natural processes that occur without direct or indirect influence from human activities or climate change (MM01)	Trend in coastal erosion rate	Medium-term	ERA, AM / NGO
MT14_CM_01d	Delineation of an official footpath for visitor management to control access and reduce trampling within areas supporting Habitat 1310	Reduce impact of outdoor sports, leisure and recreational activities (incl. restoration of habitats) (MF03)	Demarcation of footpath	Medium-term	ERA, AM / NGO

1410 - MEDITERRANEAN SALT MEADOWS (*Juncetalia maritimi*)

The following site-specific conservation objectives and measures shall seek to restore the conservation status of this habitat type within this site by 2030:

1410 - Mediterranean salt meadows (<i>Juncetalia maritimi</i>)				
SSCO code	Conservation Objective	Attributes	Target	Unit of measurement
MT14_SSCO_02a	Maintain the extent of Habitat 1410 through the corresponding target	Area covered by the habitat type	Area stable at 0.01 ha or increasing through natural regeneration	Habitat area (in hectares)
MT14_SSCO_02b	Improve the structure and function of Habitat 1410 through the corresponding targets	Species composition: Typical species	Habitat representativity improved	Species composition
MT14_SSCO_02c		Hydrological regime	Appropriate hydrological regime necessary for maintenance of Habitat 1410	Habitat area (in hectares)
MT14_SSCO_02d	Improve future prospects of Habitat 1410 through the corresponding targets	Pressures and threats: Human disturbance (Trampling)	Trampling within areas supporting Habitat 1410 is non-significant	Area of habitat showing signs of trampling
MT14_SSCO_02e		Pressures & threats: Coastal erosion	Coastal erosion mitigated	Habitat area (in hectares)

1410 - Mediterranean salt meadows (<i>Juncetalia maritimi</i>)					
Measure code	Conservation Measure	Category (Art. 17)	Performance indicator	Timeframe	Lead/ Supporting Parties
MT14_CM_02a	Planting of <i>Juncetalia maritimi</i> species which are currently absent or at a low population to improve representativity of Habitat 1410	Manage native species (incl. non-Directive species) (MS04)	Number of typical species (species list), number of specimens planted and success rate	Short-term	ERA, AM / NGO

1410 - Mediterranean salt meadows (<i>Juncetalia maritimi</i>)					
Measure code	Conservation Measure	Category (Art. 17)	Performance indicator	Timeframe	Lead/ Supporting Parties
MT14_CM_02b	Evaluate recommendations outlined from the LIFE IP hydrological regime study which aim to re-establish the hydrological regime and implement as necessary	Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats). (MF08)	Hydrological regime (Water flow/levels)	Medium-term	ERA, AM / NGO
MT14_CM_02c	Evaluate recommendations outlined from the LIFE IP (Action C.13) study which aim to mitigate coastal erosion processes and implement as necessary	Management of habitats (others than agriculture and forest) to slow, stop or reverse natural processes that occur without direct or indirect influence from human activities or climate change (MM01)	Trend in coastal erosion rate	Medium-term	ERA, AM / NGO
MT14_CM_02d	Delineation of an official footpath for visitor management to control access and reduce trampling within areas supporting Habitat 1410	Reduce impact of outdoor sports, leisure and recreational activities (incl. restoration of habitats) (MF03)	Demarcation of footpath	Medium-term	ERA, AM / NGO

1420 - MEDITERRANEAN AND THERMO-ATLANTIC HALOPHILOUS SCRUBS (*SARCOCORNETEA FRUTICOSI*)

The following site-specific conservation objectives and measures shall seek to restore the conservation status of this habitat type within this site by 2030:

1420 - Mediterranean and thermo-Atlantic halophilous scrubs (<i>Sarcocornetea fruticosi</i>)					
SSCO code	Conservation Objective	Attributes		Target	Unit of measurement
MT14_SSCO_03a	Maintain the extent of Habitat 1420 through the corresponding target	Area covered by the habitat type		Area stable at 0.4 ha or increasing through natural regeneration	Habitat area (in hectares)
MT14_SSCO_03b	Improve the structure and function of Habitat 1420 through the corresponding targets	Species composition: Typical species		Habitat representativity improved	Species composition
MT14_SSCO_03c		Hydrological regime		Appropriate hydrological regime necessary for maintenance of Habitat 1420	Habitat area (in hectares)
MT14_SSCO_03d	Improve future prospects of Habitat 1420 through the corresponding targets	Pressures and threats: Human disturbance (Trampling)		Trampling within areas supporting Habitat 1420 is non-significant	Area of habitat showing signs of trampling
MT14_SSCO_03e		Pressures & threats: Coastal erosion		Coastal erosion mitigated	Habitat area (in hectares)
1420 - Mediterranean and thermo-Atlantic halophilous scrubs (<i>Sarcocornetea fruticosi</i>)					
Measure code	Conservation Measure	Category (Art. 17)	Performance indicator	Timeframe	Lead/ Supporting Parties
MT14_CM_03a	Planting of <i>Sarcocornetea fruticosi</i> species which are currently absent or at a low population to improve representativity of Habitat 1420	Manage native species (incl. non-Directive species) (MS04)	Number of typical species (species list), number of specimens planted and success rate	Short-term	ERA, AM / NGO

1420 - Mediterranean and thermo-Atlantic halophilous scrubs (<i>Sarcocornetea fruticosi</i>)					
Measure code	Conservation Measure	Category (Art. 17)	Performance indicator	Timeframe	Lead/ Supporting Parties
MT14_CM_03b	Evaluate recommendations outlined from the LIFE IP hydrological regime study which aim to re-establish the hydrological regime and implement as necessary	Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats). (MF08)	Hydrological regime (Water flow/ levels)	Medium-term	ERA, AM / NGO
MT14_CM_03c	Evaluate recommendations outlined from the LIFE IP (Action C.13) study which aim to mitigate coastal erosion processes and implement as necessary	Management of habitats (others than agriculture and forest) to slow, stop or reverse natural processes that occur without direct or indirect influence from human activities or climate change (MM01)	Trend in coastal erosion rate	Medium-term	ERA, AM / NGO
MT14_CM_03d	Delineation of an official footpath for visitor management to control access and reduce trampling within areas supporting Habitat 1420	Reduce impact of outdoor sports, leisure and recreational activities (incl. restoration of habitats) (MF03)	Demarcation of footpath	Medium-term	ERA, AM / NGO

92D0 - SOUTHERN RIPARIAN GALLERIES AND THICKETS (*NERIO-TAMARICETEA* AND *SECURINEGION TINCTORIAE*)

The following site-specific conservation objectives and measures shall seek to restore the conservation status of this habitat type within this site by 2030:

92D0 - Southern riparian galleries and thickets (<i>Nerio-Tamaricetea</i> and <i>Securinegion tinctoriae</i>)				
SSCO code	Conservation Objective	Attributes	Target	Unit of measurement
MT14_SSCO_04a	Increase the extent of Habitat 92D0 through the corresponding target	Area covered by the habitat type	20% increase in the area of Habitat 92D0	Habitat area (in hectares)
MT14_SSCO_04b	Improve the structure and function of Habitat 92D0 through the corresponding target	Species composition: Typical species	Habitat representativity improved	Species composition
MT14_SSCO_04c	Improve future prospects of Habitat 92D0 through the corresponding targets	Pressures and threats: Human disturbance (Trampling)	Trampling within areas supporting Habitat 92D0 is non-significant	Area of habitat showing signs of trampling
MT14_SSCO_04d		Pressures & threats: Coastal erosion	Coastal erosion mitigated	Habitat area (in hectares)

92D0 - Southern riparian galleries and thickets (<i>Nerio-Tamaricetea</i> and <i>Securinegion tinctoriae</i>)					
Measure code	Conservation Measure	Category (Art. 17)	Performance indicator	Timeframe	Lead/ Supporting Parties
MT14_CM_04a	Planting of <i>Vitex agnus-castus</i> to improve representativity of Habitat 92D0	Manage native species (incl. non-Directive species) (MS04)	Number of specimens planted, success rate	Short-term	ERA, AM / NGO
MT14_CM_04b	Planting of <i>Nerio-Tamaricetea</i> species to increase the current surface area occupied by this habitat		Number of typical species (species list), number of specimens planted and success rate	Medium-term	ERA, AM / NGO

92D0 - Southern riparian galleries and thickets (<i>Nerio-Tamaricetea</i> and <i>Securinegion tinctoriae</i>)					
Measure code	Conservation Measure	Category (Art. 17)	Performance indicator	Timeframe	Lead/ Supporting Parties
MT14_CM_04c	Delineation of an official footpath for visitor management to control access and reduce trampling within areas supporting Habitat 92D0	Reduce impact of outdoor sports, leisure and recreational activities (incl. restoration of habitats) (MF03)	Demarcation of footpath	Medium-term	ERA, AM / NGO
MT14_CM_04d	Evaluate recommendations outlined from the LIFE IP (Action C.13) study which aim to mitigate coastal erosion processes and implement as necessary	Management of habitats (others than agriculture and forest) to slow, stop or reverse natural processes that occur without direct or indirect influence from human activities or climate change (MM01)	Trend in coastal erosion rate	Medium-term	ERA, AM / NGO