

Table S1. Land-use map classes, CLC classes correspondence and Conversion elasticity.

Land cover	Corresponding CLC classes	Description	Conversion elasticity
Urban areas	1.1, 1.4	Residential buildings, leisure facilities and non-agricultural vegetated areas.	1
Industrial areas and infrastructures	1.2, 1.3	Industrial and commercial buildings, transportation facilities, quarries and dumps.	1
Non-irrigated arable land	2.1.1	Non-irrigated arable land.	0.2
Irrigated arable land	2.1.2	Irrigated arable land.	0.3
Permanent crops	2.2, 2.4	Olive groves, vineyards, orchards, agroforestry crops, associated crops, protected crops and complex cultural patterns.	0.5
Grassland and pastures	2.3, 3.2, 3.3.3, 3.3.4	Predominantly grass-vegetated open spaces, possibly including sparse shrubs, trees or bare ground spots.	0.1
Forests	3.1	Forests.	0.8
Energy crops*	-	Crops for bioremediation of polluted soils experimented by ECOREMED project, not included in CLC classification.	0.3
Other land covers	3.3.1, 3.3.2, 4, 5	Beaches, bare ground, wetlands and water bodies.	1