MATRIX OF CORRELATION CAUSE/EFFECT - WORKS AREA

Heavy motor vehicles traffic from, to and inside works area	Functioning of the machineries for working	Materials provision	Present vegetation and biomass removal	Grounds excavations and bringing backs: dredging operations (in the sea), grounds excavations and movements (in land)	Works construction (of engineering, architecture and plant engineering)	Works area and services	PLANNING ACTIVITIES IN WORKS AREA (WA= Works Area) A1... An = Activity n. 1…n) / ENVIRONMENTAL RISKS AND FORESEEABLE IMPACTS																					
WA-A1	WA-A2	WA-A3	WA-A4	WA-A5	WA-A6	WA-A7																							
							R1		I-01																				
									I-02																				
							R2		I-03																				
									I-04																				
									I-05																				
							R3		I-06																				
							R4		I-07																				
									I-08																				
									I-09																				
									I-10																				
							R5		I-11																				
							R6		I-12																				
									I-13																				
									I-14																				
							R7		I-15																				
							R8		I-16																				
									I-17																				
									I-18																				
									I-19																				
									I-20																				
									I-21																				
							R9		I-22																				
									I-23																				
							R10		I-24																				
									I-25																				
									I-26																				
									I-27																				
							R11		I-28																				
WA-A1	WA-A2	WA-A3	WA-A4	WA-A5	WA-A6	WA-A7	ENVIRONMENTAL RISKS AND FORESEEABLE IMPACTS / INFLUENCED ENVIRONMENTAL SYSTEMS																						
													Air quality	Superficial and underground water quality	Sea water quality	Pedologic and geo-morphologic aspects	Sediments aspects	Vegetational and faunal aspects	Ecosystems	Urban environment (fitness for human habitation)	Social and economic aspects	Hygienic and sanitary aspects	Noise and vibrations	Morphologic aspects	Natural landscape aspects	Anthropic landscape aspects	Landscape perceptive aspects
													AIR	WATER ENVIRONMENT		SOIL AND SUBSOIL		VEGETATION, FLORA, FAUNA AND ECOSYSTEMS		PUBLIC HEALTH AND SOCIAL-ECONOMIC CONTEXT			NOISE AND VIBRATIONS	LANDSCAPE			

DEFINITIONS

PLANNING ACTIVITIES: programmed operations to realize the constructions

ENVIRONMENTAL SYSTEMS :
environmental elements aspects, that could be interested by environmental risks

ENVIRONMENTAL RISKS:
environmental conditions alteration possible phenomena, that could start with works carrying out and that show with the impacts

FORESEABLE IMPACTS:
Positive and negative effects induced by works carrying out

CORRELATION AMONG IMPACTS AND SYSTEMS

2

CORRELATION AMONG ACTIVITIES AND IMPACTS

GRAVITY

		Negative impacts	Positive impacts
H	high	H	H
M	middle	M	M
L	low	L	L

IRREVERSIBILITY / REVERSIBILITY

I irreversible
R reversible

DURATION

T temporary
P permanent

SIGNIFICANCE

NS not significant
SS short significant
S significant
VS very significant