

Table of Contents

List of Tables	vi
List of Figures.....	vii
List of Acronyms.....	viii
Non Technical Summary	ix
1.0 Introduction	1
1.1 Site Description.....	2
1.2 Site location and zoning.....	3
1.3 Site Accessibility	9
1.4 Site characteristics.....	9
1.4.1 Topography and soil.....	9
1.4.2 Slopes, height and wind direction.....	9
1.4.3 Vegetation - Trees.....	9
1.5 Policies and Legislation	16
2.0 The 'Distillery d'Huiles Essentielles' Project	17
2.1 Project Initiators	17
2.2 Project Description.....	17
2.2.1 Raw materials	20
2.2.2 Harvesting, transportation and storage of raw materials	28
2.2.3 Distillation Process and Equipment.....	28
2.2.4 ECOCERT Certification.....	32
2.2.5 Products	33
2.2.6 Packaging and storage of products	34
2.2.7 Water demand.....	35
2.2.8 Irrigation	38

2.2.9 Domestic purposes: café and washrooms.....	40
2.2.10 Cleaning purposes	41
2.2.11 Water access	41
2.2.12 Energy demand and access	43
2.2.13 Waste production and disposal	44
2.2.14 Training requirements	45
2.2.15 Telecommunications	45
2.2.16 The Boutique and tour visits	46
2.2.17 Project Justification	46
3.0 Method of Assessment.....	47
3.1 Methodology	47
3.2 Consultations	49
4.0 Predicted Environmental Impacts.....	50
4.1 Rationale	50
4.2 The physical environment.....	50
4.3 Existing ecosystem and biodiversity	50
4.3.1 Construction Phase	50
4.3.2 Operational Phase	51
4.4 Air quality	51
4.4.1 Construction Phase	52
4.4.2 Operational Phase	52
4.5 Noise	52
4.5.1 Construction Phase	52
4.5.2 Operational Phase	53
4.6 Hydrology	53
4.6.1 Construction Phase	53

4.6.2 Operational Phase	53
4.7 Landscape and visual impacts.....	54
4.7.1 Construction Phase.....	54
4.7.2 Operational Phase	54
4.8 Soil and geology	54
4.8.1 Construction Phase.....	54
4.8.2 Operational Phase	55
4.9 The Human Environment.....	55
4.9.1 Employment	55
4. 9.2 Traffic	57
4. 9.3 Community	57
4. 9.4 Health and Safety Precautions.....	57
5.0 Risk Assessment Matrix	58
6.0 Environmental Management Plan (EMP) and Mitigation Measures	62
6.1 EMP for the construction phase	62
6.2 EMP for the operational phase	64
7.0 Market survey	67
7.1 Site selection criteria.....	70
7.2 Design considerations	71
8.0 Enhancement Opportunities	73
8.1 An agricultural development	73
8.2 A solar farm development	73
8.3 A residential development	73
8.4 The “do-nothing” option.....	73
9.0 Conclusion	75
10.0 List of References	76

Annex 1 - Title Deed.....	78
Annex 2 - Masterplan	81
Annex 3 - The Ecology Survey	85
Annex 4 - Planning Policy Guidelines 9.....	96
Annex 5 - Curriculum Vitae, Certificate of Registration and Number of Shares	110
Annex 6 - Section Plan and Areas.....	117
Annex 7 - Rey & Lenferna Report.....	121
Annex 8 - Consultation Meetings.....	133
Annex 9 - Water Management Plan.....	140
Annex 10 - Environment Protection (Standards of Air) Regulation 1998	143