



STUDIO GALLI
INGEGNERIA

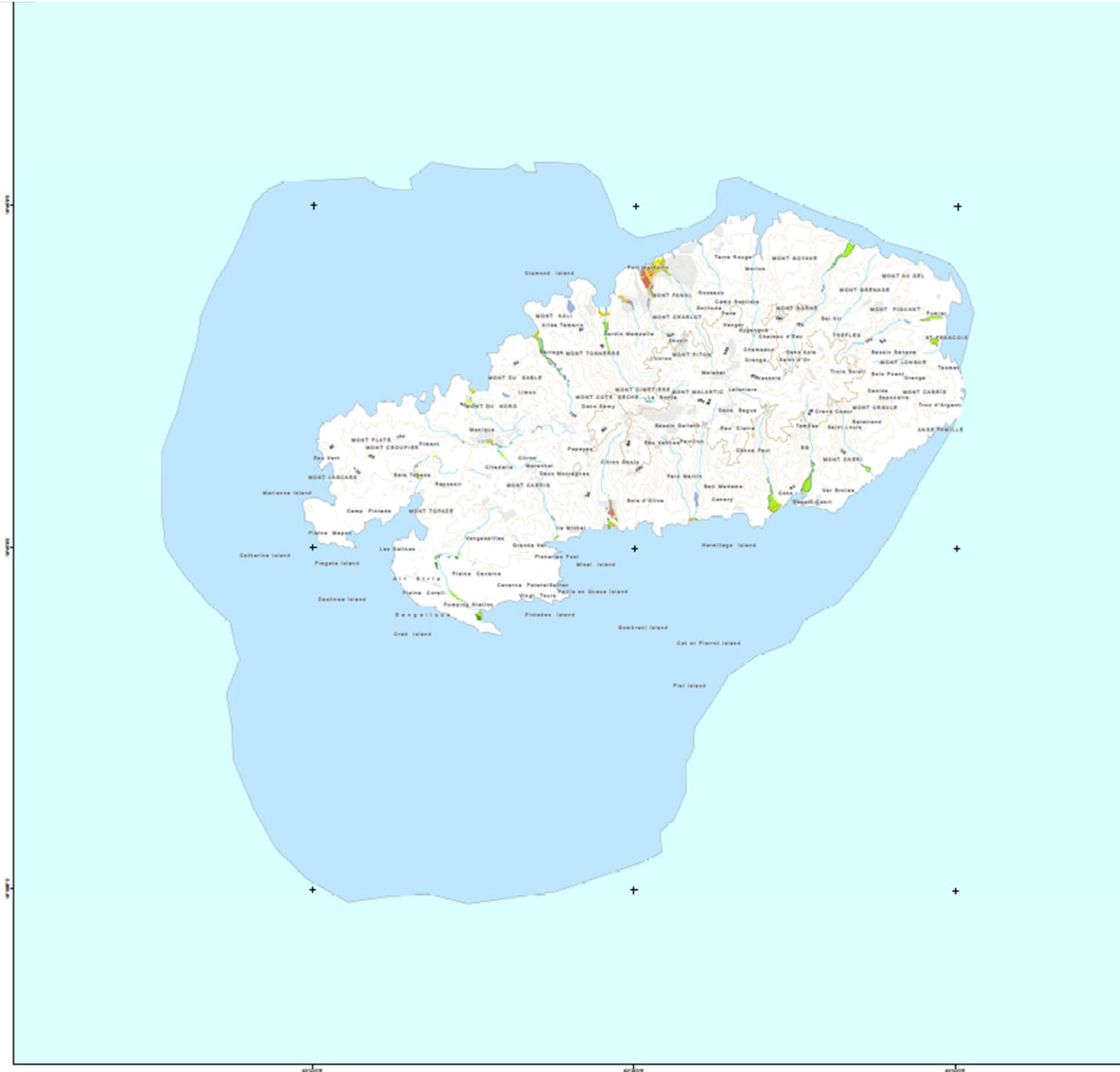
DESAI & ASSOCIATES LTD



Consultancy Service for the Development of an Inundation, Flooding and Landslide National Risk Profile, Strategic Framework and Action Plans for Disaster Risk Management for the Republic of Mauritius

Name, role in the project
Affiliation

Capacity and validation workshop
Swami Vivekananda International Convention
Centre, Pailles, Mauritius, August 22-24, 2012



- LEGEND**
- Contour line
 - meter a.s.l.
 - Lake & Reservoir
 - ROD_River
 - Built Up Area
 - Lagoon

Feature	Elevated level of protection (RP)	Risk classes			
		RP 25 years	RP 50 years	RP 100 years	RP 500 years
Natural Features	700m	Low	Low	Low	Low
Agricultural fields	RP 25	High	High	High	High
Built up area	RP 500	Very High	High	High	Medium
Expansion area	RP 500	Very High	High	High	Medium
Motorway	RP 500	High	Medium	High	Medium
Main road	RP 100	High	Medium	High	Medium
Secondary road	RP 50	Medium	Low	High	Low

Risk Classes





REPUBLIC OF MAURITIUS
MINISTRY OF ENVIRONMENT AND SUSTAINABLE DEVELOPMENT

CONSULTANCY SERVICES
 FOR THE DEVELOPMENT OF AN INUNDATION, FLOODING AND LANDSLIDE
 NATIONAL RISK PROFILE, STRATEGY FRAMEWORK AND ACTION PLANS
 FOR DISASTER RISK MANAGEMENT FOR THE REPUBLIC OF MAURITIUS

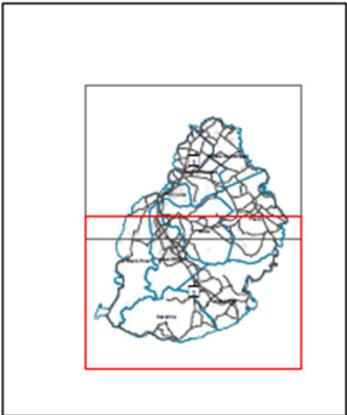
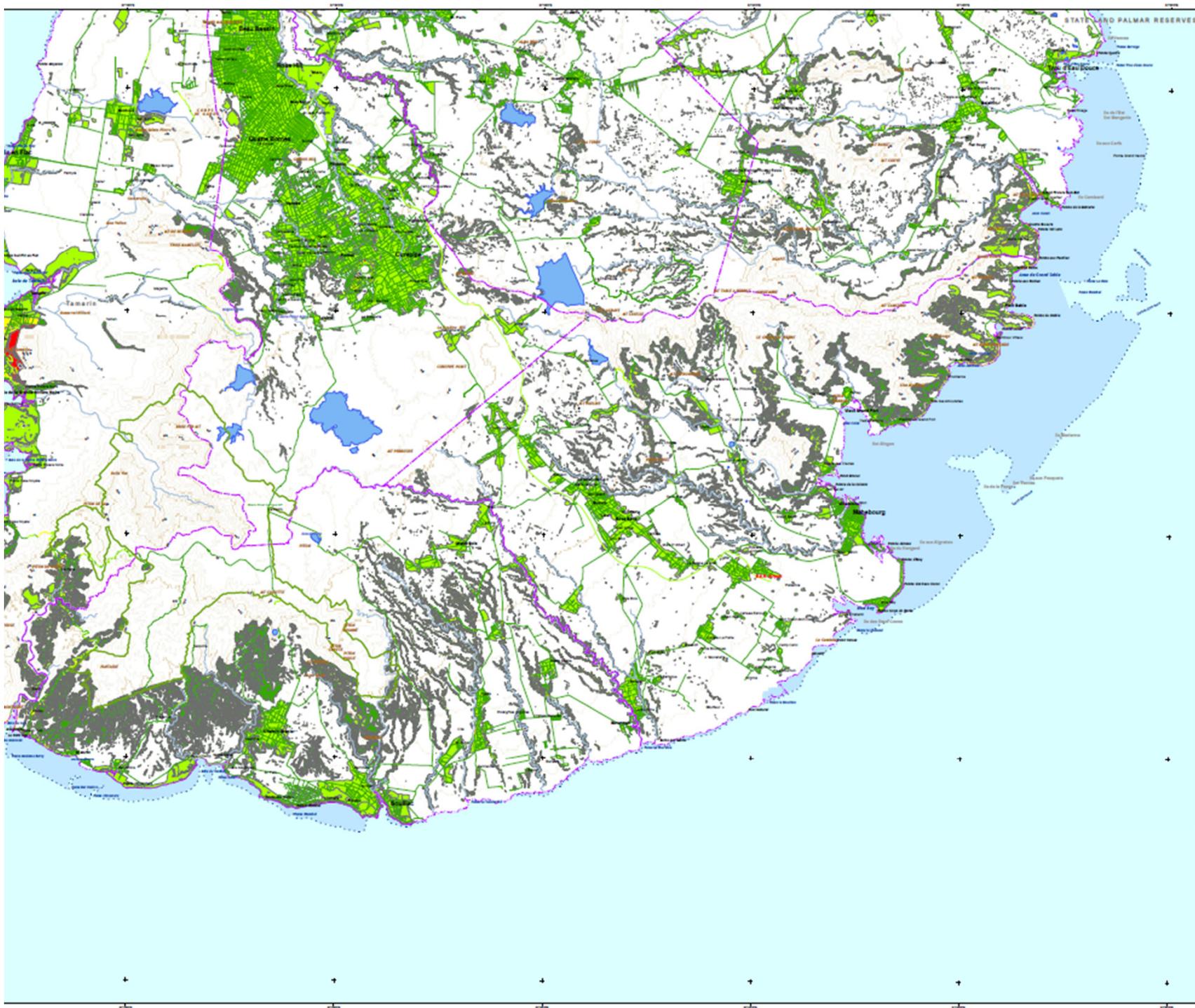
PROCUREMENT REFERENCE NO: AAP/DAR/1/11 -

**DEVELOPMENT OF A DRR STRATEGIC FRAMEWORK AND ACTION PLAN
 FLOOD RISK MAP - DRAFT VERSION**

Submitted by:
 SGI Studio Gull Ingegneria S.p.A. in association with
 Centre Euro-Mediterranean per l'Consultancy Cleaark S.r.l. and Deval & Associates Ltd







- LEGEND**
- Reef
 - Coastal Line
 - Water A.S.I.
 - Lake & Reservoir
 - Black River Gorge
 - River
 - Built Up Area
 - Lagoon
 - District Boundary

Risk Class	Risk Level			
	Low	Medium	High	Very High
Very Low	Green	Light Green	Yellow	Orange
Low	Light Green	Yellow	Orange	Red
Medium	Yellow	Orange	Red	Dark Red
High	Orange	Red	Dark Red	Black
Very High	Red	Dark Red	Black	Black





REPUBLIC OF MAURITIUS
MINISTRY OF ENVIRONMENT AND SUSTAINABLE DEVELOPMENT

COMMISSIONER GENERAL
FOR THE DEVELOPMENT OF AN INTEGRATED PLANNING AND LAND-USE
POLICY AND PEOPLE-ORIENTED INFRASTRUCTURE AND ACTION PLAN
FOR URBAN AND RURAL AREAS FOR THE REPUBLIC OF MAURITIUS

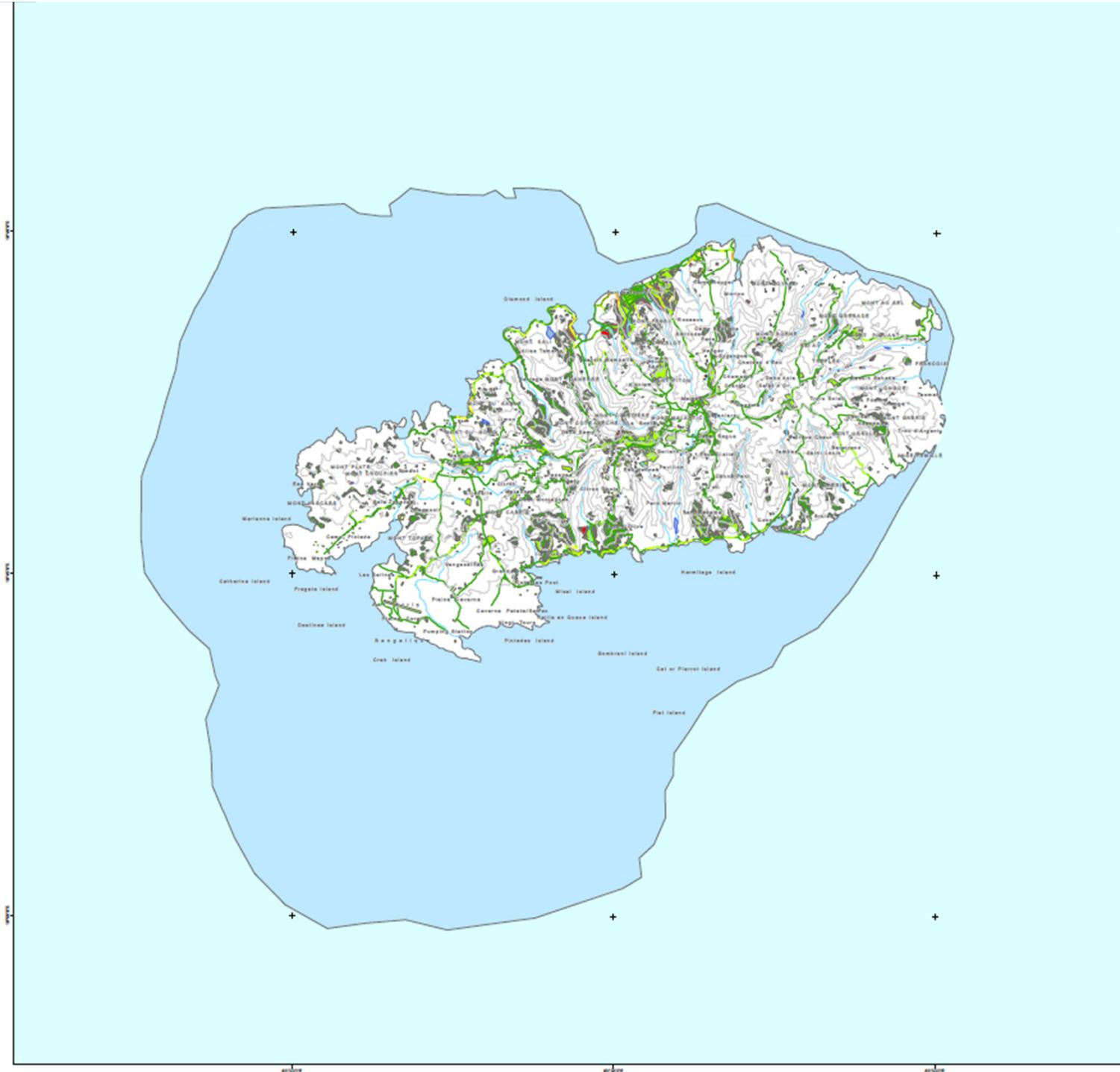
PROCUREMENT AGREEMENT AND RESULTS
DEVELOPMENT OF A DRR STRATEGIC FRAMEWORK AND ACTION PLAN
LAND-USE RISK MAP - DRAFT VERSION

Submitted by
DEM & ASSOCIATED LTD

Contract No. M&S/2019/001 (Construction) (Spatial) (Civil) and (Risk & Assessment) (L)







Feature	Hazard level				Risk Classes
	Level 4	Level 3	Level 2	Level 1	
Natural features	none	none	none	none	Risk Classes
Agricultural fields	low	low	very low	none	
Build up area	very high	very high	medium	low	
Expansion area	very high	very high	medium	low	
Accessibility	very high	very high	medium	low	
Main road	high	medium	low	very low	
Secondary road	medium	low	very low	very low	





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NATIONAL RISK PROFILE, STRATEGY FRAMEWORK AND ACTION PLANS
FOR DISASTER RISK MANAGEMENT FOR THE REPUBLIC OF MAURITIUS

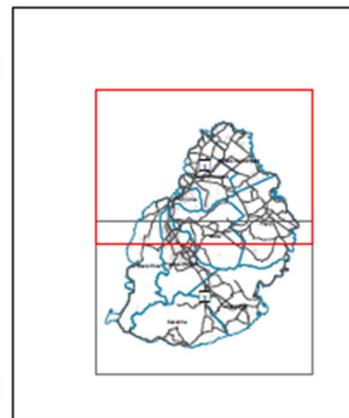
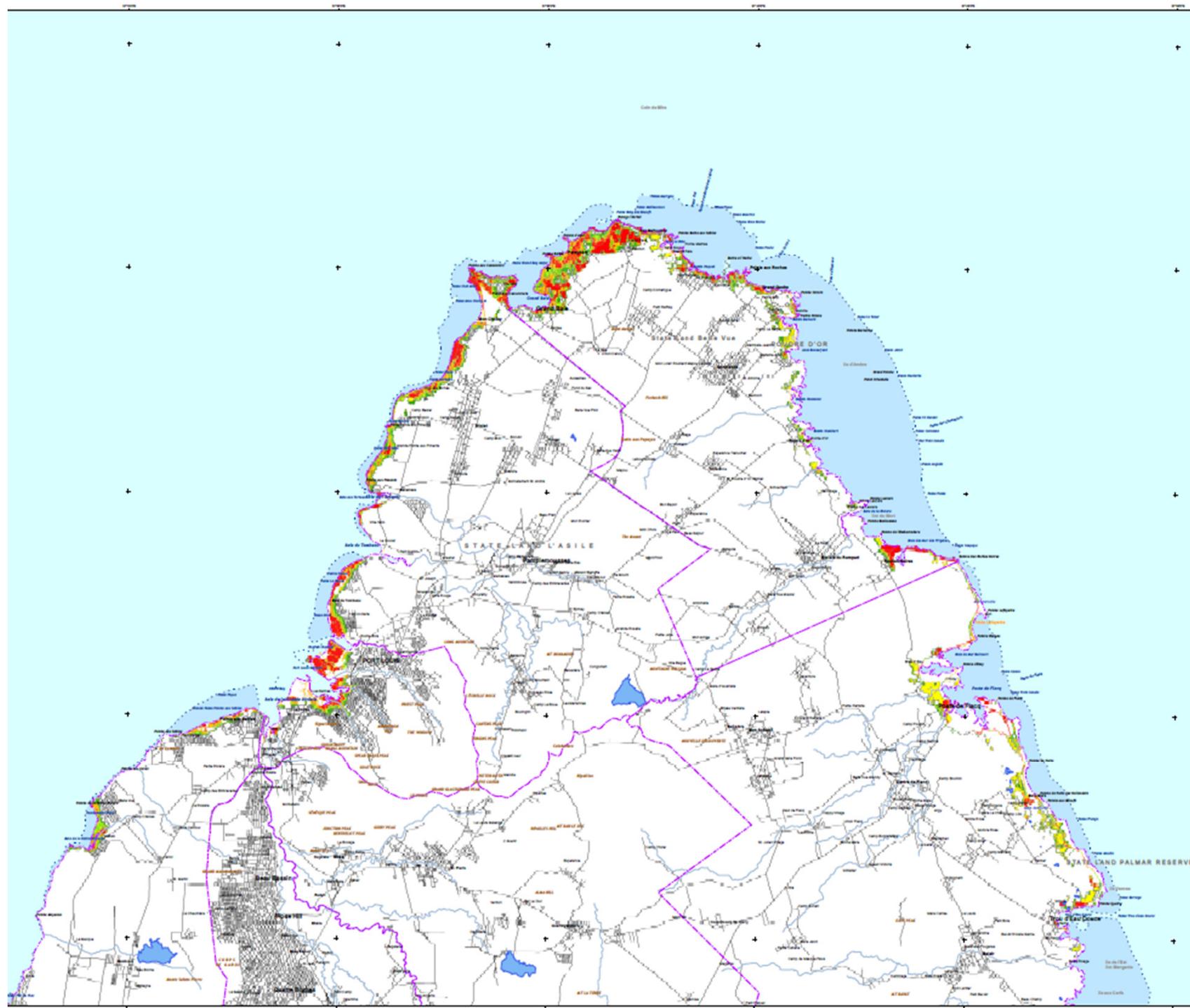
PROCUREMENT REFERENCE NO: AAP/DAR/11/11 -

DEVELOPMENT OF A DRR STRATEGIC FRAMEWORK AND ACTION PLAN
LANDSLIDE RISK MAP - DRAFT VERSION

Submitted by:
SGI Studio Gullì Ingegneria S.p.A. in association with
Creare Euro-Mediterraneo per l'Consulting Clearkit S.r.l. and Deval & Associates Ltd







Risk Category	Risk Classes			
	Class 1	Class 2	Class 3	Class 4
Very High	Red	Orange	Yellow	Light Green
High	Orange	Yellow	Light Green	Green
Medium	Yellow	Light Green	Green	Dark Green
Low	Light Green	Green	Dark Green	Very Dark Green





REPUBLIC OF HAITI
MINISTRY OF ENVIRONMENT AND SUSTAINABLE DEVELOPMENT

CONSEIL SUPPLEMENTAIRE
PUR LE DEVELOPPEMENT D'UN CADRE STRATEGIQUE ET D'UN PLAN D'ACTION NATIONAL POUR LA GESTION DES RISQUES ET LA RESILIENCE
DES CHANGES DE CLIMAT POUR LA REPUBLIQUE D'HAITI

DOCUMENT REFERENCIEL ET ANNEXE 1.1

DEVELOPMENT OF A DETAILED STRATEGIC FRAMEWORK AND ACTION PLAN FOR CLIMATE RISK MAP - DRAFT VERSION

Prepared by
DEM & ASSOCIATED LTD

Approved by
Ministry of Environment and Sustainable Development





	Risk classes				
	Level 5	Level 4	Level 3	Level 2	Level 1
Feature	low	low	low	low	low
Natural features	low	low	low	low	low
Agricultural fields	medium	medium	low	low	low
Built up area	high	high	medium	low	low
Expansion area	high	high	medium	low	low
Motorway	high	high	medium	low	low
Main road	high	high	medium	low	low
Secondary road	high	medium	low	low	low

Risk Classes





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NATIONAL RISK PROFILE, STRATEGY FRAMEWORK AND ACTION PLANS
FOR DISASTER RISK MANAGEMENT FOR THE REPUBLIC OF MAURITIUS

PROCUREMENT REFERENCE NO: AAP/DAR/01/11 -

**DEVELOPMENT OF A DRR STRATEGIC FRAMEWORK AND ACTION PLAN
INUNDATION RISK MAP - DRAFT VERSION**

Submitted by:
SGI Studio Gull Ingegneria S.p.A. in association with
Creare Euro-Mediterraneo per l'Consulting Clearkit S.r.l. and Deval & Associates Ltd





Thank you for your attention



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INGEGNERIA

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