Append A: Additional Information Regarding the Self Evaluation Document

Global Geoparks Network

Applicant's Evaluation Document

APPEND A

Additional Information Regarding the Self Evaluation Document

Applicants Identity

Name and Country of Applicant territory

Geoparque Açores, Portugal / Azores Geopark, Portugal

I. Geology and Landscape

1.1 Territory

1.1 – Geosites List

Geosite	Code
Corvo Island	
Caldeirão	COR 1
Fajã lávica de Vila do Corvo	COR 2
Ponta do Marco	COR 3
Coroínha e arriba de Pingas	COR 4
Flores Island	
Caldeiras Negra, Comprida, Seca e Branca	FLO 1
Caldeiras Rasa e Funda das Lajes	FLO 2
Fajã Grande e Fajãzinha	FLO 3
Pico da Sé	FLO 4
Ponta da Rocha Alta e Fajã de Lopo Vaz	FLO 5
Rocha dos Bordões	FLO 6
Costa Nordeste	FLO 7
Filão dos Frades	FLO 8
Litoral de Santa Cruz	FLO 9
Ponta do Albarnaz - Ponta Delgada	FLO 10
Vale da Ribeira da Cruz e Ponta da Caveira	FLO 11
Vale das Ribeiras da Badanela e Além Fazenda	FLO 12
Vale e fajã lávica das Lajes	FLO 13
Ilhéu de Monchique	FLO 14
Faial Island	
Caldeira	FAI 1
Graben de Pedro Miguel	FAI 2
Monte da Guia e Porto Pim	FAI 3
Morro do Castelo Branco	FAI 4
Península do Capelo	FAI 5
Vulcão dos Capelinhos e Costado da Nau	FAI 6
Arriba fóssil da Praia do Norte	FAI 7
Arriba fóssil do Varadouro	FAI 8
Ponta Furada	FAI 9

Pico Island	
Arriba fóssil Sto António - São Roque	PIC 1
Fajã lávica das Lajes do Pico	PIC 2
Gruta das Torres	PIC 3
Ilhéus da Madalena	PIC 4
Lajido de Santa Luzia	PIC 5
Montanha	PIC 6
Planalto da Achada	PIC 7
Ponta da Ilha	PIC 8
Algar/Gruta do Canto da Serra	PIC 9
Fajã lávica de São Mateus	PIC 10
Fajã lávica das Ribeiras	PIC 11
Furna Vermelha	PIC 12
Gruta dos Montanheiros	PIC 13
Hornitos e Furna do Frei Matias	PIC 14
Lajido da Criação Velha	PIC 15
Lomba do Fogo	PIC 16
Ponta do Mistério	PIC 17
Cabeço Debaixo da Rocha	PIC 18
São Jorge Island	
Arriba das Fajãs dos Vimes – São João	SJO 1
Cordilheira vulcânica central	SJO 2
Fajãs do Ouvidor e da Ribeira da Areia	SJO 3
Fajãs dos Cubres e da Caldeira do Sto Cristo	SJO 4
Morro de Velas e Morro de Lemos	SJO 5
Ponta dos Rosais	SJO 6
Mistério da Urzelina	SJO 7
Ponta e ilhéu do Topo	SJO 8
Graciosa Island	
Caldeira e Furna do Enxofre	GRA 1
Caldeirinha de Pêro Botelho	GRA 2
Ponta da Barca e Ilhéu da Baleia	GRA 3
Porto Afonso e Redondo	GRA 4
Ponta do Carapacho, Ponta da Restinga e Ilhéu de Baixo	GRA 5
Arribas da Serra Branca e Baía do Filipe	GRA 6
Baía da Vitória	GRA 7
Erupção do Pico Timão	GRA 8
Santa Cruz da Graciosa	GRA 9
Terceira Island	
Algar do Carvão	TER 1
Caldeira de Santa Bárbara e Mistérios Negros	TER 2
Caldeira de Guilherme Moniz	TER 3
Furnas do Enxofre	TER 4
Monte Brasil	TER 5
Pico Alto, Biscoito Rachado e Biscoito da Ferraria	TER 6
Ponta da Serreta e escoadas traquíticas	TER 7
Fajã da Alagoa - Biscoito das Calmeiras	TER 8
Graben das Lajes	TER 9
Ilhéus das Cabras	TER 10
Mistério 1761 e sistema cavernícola da Malha Grande - Balcões	TER 11
Serra do Cume	TER 12
Biscoitos - Matias Simão	TER 13

São Miguel Island	
Caldeira do vulcão das Furnas	SMG 1
Caldeira do vulcão das Sete Cidades	SMG 2
Caldeira do vulcão do Fogo	SMG 3
Caldeira Velha	SMG 4
Gruta do Carvão	SMG 5
Ilhéu de Vila Franca	SMG 6
Lagoas do Congro e dos Nenúfares	SMG 7
Ponta da Ferraria e Pico das Camarinhas	SMG 8
Serra Devassa	SMG 9
Vale da Ribeira do Faial da Terra e Fajã do Calhau	SMG 10
Caldeira da Povoação	SMG 11
Coroa da Furna – Arrenquinha	SMG 12
Fajã lávica e arriba fóssil da Caloura	SMG 13
Fajã lávica e ilhéus dos Mosteiros	SMG 14
Morro das Capelas	SMG 15
Morro de Santa Bárbara, praias e Bandejo	SMG 16
Pico da Vara e Planalto dos Graminhais	SMG 17
Pisão - Praia (Água d'Alto)	SMG 18
Ponta do Cintrão - Ladeira da Velha	SMG 19
Praias do Pópulo, Milicias e São Roque	SMG 20
Rocha da Relva	SMG 21
Salto da Farinha	SMG 22
Salto do Cabrito	SMG 23
Vale da Ribeira Quente	SMG 24
Vale das Lombadas	SMG 25
Fontanário da Ribeira Seca	SMG 26
Campo Geotérmico do Vulcão do Fogo	SMG 27
Santa Maria Island	
Barreiro da Faneca	SMA 1
Pedreira do Campo	SMA 2
Poço da Pedreira	SMA 3
Ponta do Castelo	SMA 4
Ribeira do Maloás	SMA 5
Baía da Cré	SMA 6
Baía de São Lourenço	SMA 7
Baía do Raposo	SMA 8
Baía do Tagarete e Ponta do Norte	SMA 9
Baía dos Cabrestantes	SMA 10
Barreiro da Malbusca	SMA 11
Cascata do Aveiro	SMA 12
Figueiral	SMA 13
Porto de Vila do Porto	SMA 14
Praia Formosa e Prainha	SMA 15
Marine geosites	
Banco D. João de Castro	marine 1
Dorsal Atlântica e Campos hidrotermais	marine 2
Canal Faial-Pico	marine 3
Ilhéus das Formigas e Recife Dollabarat	marine 4
TOTAL	**121 geosites**
Geopark priority geosites	**57 geosites**

2.1 – Geological periods

1. Quaternary (or Pleistocene)
2. Neogene

2.2 – Main Rock Types

1. Basalt
2. Trachyte
3. Ignimbrite
4. Other volcaniclastic rocks (tuff, pumice, scoria, *lahars*)
5. Sedimentary rocks (limestone, conglomerates, lumachella, mudstone, sand)

2.3 – Geological or Geomorphological Features

Geomorphological and volcanological categories	
1	Sea cliffs
2	Calderas
3	Volcanic caves
4	Fields of scoria and spatter cones
5	Surtseyan tuff cones
6	Volcanic ridges
7	Quaternary deposits (e.g. beaches and slope deposits-“fajãs”)
8	Prismatic and spheroidal jointing
9	Domes and *coulées*
10	Historical eruptions
11	Sub-volcanic structures (e.g. necks and dykes)
12	Tectonic structures (e.g. faults and *grabens*)
13	Lava deltas (or lava “fajãs”)
14	Weathering phenomena/mud deposits-“barreiros”
15	Fossiliferous deposits
16	Volcanic lakes
17	Coastal lagoons
18	*Pahoehoe* lava fields-“lajidos”
19	*Maars*
20	Fluvial valleys
21	Polygenetic volcanoes
22	Areas of hydrothermal activity
23	Others

3.1 – Geosites with public interpretation – 45 geosites

Geosite	Code	Trails	Panels	Leaflets	Other
Caldeirão	COR 1	X	X	X	
Fajã lávica de Vila do Corvo	COR 2	X		X	X
Caldeiras Negra, Comprida, Seca e Branca	FLO 1	X	X	X	
Fajã Grande e Fajãzinha	FLO 3	X		X	
Ponta da Rocha Alta e Fajã de Lopo Vaz	FLO 5	X		X	
Rocha dos Bordões	FLO 6		X	X	
Caldeira	FAI 1	X	X	X	
Monte da Guia e Porto Pim	FAI 3		X		X
Morro do Castelo Branco	FAI 4	X		X	
Península do Capelo	FAI 5	X		X	
Vulcão dos Capelinhos e Costado da Nau	FAI 6		X	X	X
Fajã lávica das Lajes do Pico	PIC 2	X			
Gruta das Torres	PIC 3		X	X	X
Lajido de Santa Luzia	PIC 5	X	X	X	X
Montanha	PIC 6	X	X	X	X
Ponta da Ilha	PIC 8	X		X	
Lajido da Criação Velha	PIC 15	X	X	X	
Arriba das Fajãs dos Vimes – São João	SJO 1	X		X	
Cordilheira vulcânica central	SJO 2	X	X	X	
Fajãs do Ouvidor e da Ribeira da Areia	SJO 3	X		X	
Fajãs dos Cubres e da Caldeira do Sto Cristo	SJO 4	X	X	X	X
Ponta e ilhéu do Topo	SJO 8		X		
Caldeira e Furna do Enxofre	GRA 1	X	X	X	X
Caldeirinha de Pêro Botelho	GRA 2	X		X	
Algar do Carvão	TER 1				X
Caldeira de Santa Bárbara e Mistérios Negros	TER 2	X	X	X	
Furnas do Enxofre	TER 4		X		
Monte Brasil	TER 5	X		X	
Pico Alto, Biscoito Rachado e Biscoito da Ferraria	TER 6				
Ponta da Serreta e escoadas traquíticas	TER 7	X		X	
Caldeira do vulcão das Furnas	SMG 1	X	X	X	X
Caldeira do vulcão das Sete Cidades	SMG 2	X	X	X	
Caldeira do vulcão do Fogo	SMG 3	X	X	X	
Caldeira Velha	SMG 4		X	X	
Gruta do Carvão	SMG 5			X	X
Ilhéu de Vila Franca	SMG 6			X	
Ponta da Ferraria e Pico das Camarinhas	SMG 8		X		X
Serra Devassa	SMG 9	X		X	
Vale da Ribeira do Faial da Terra e Fajã do Calhau	SMG 10	X		X	
Caldeira da Povoação	SMG 11	X		X	
Fajã lávica e arriba fóssil da Caloura	SMG 13		X		
Fontanário da Ribeira Seca	SMG 26		X		
Barreiro da Faneca	SMA 1	X	X	X	
Pedreira do Campo	SMA 2		X	X	
Ponta do Castelo	SMA 4	X	X	X	

3.2 – Geosites of scientific importance – 119 geosites

Geosite	Code
Caldeirão	COR 1
Fajã lávica de Vila do Corvo	COR 2
Ponta do Marco	COR 3
Coroínha e arriba de Pingas	COR 4
Caldeiras Negra, Comprida, Seca e Branca	FLO 1
Caldeiras Rasa e Funda das Lajes	FLO 2
Fajã Grande e Fajãzinha	FLO 3
Pico da Sé	FLO 4
Ponta da Rocha Alta e Fajã de Lopo Vaz	FLO 5
Rocha dos Bordões	FLO 6
Costa Nordeste	FLO 7
Filão dos Frades	FLO 8
Litoral de Santa Cruz	FLO 9
Ponta do Albarnaz - Ponta Delgada	FLO 10
Vale da Ribeira da Cruz e Ponta da Caveira	FLO 11
Vale das Ribeiras da Badanela e Além Fazenda	FLO 12
Caldeira	FAI 1
Graben de Pedro Miguel	FAI 2
Monte da Guia e Porto Pim	FAI 3
Morro do Castelo Branco	FAI 4
Península do Capelo	FAI 5
Vulcão dos Capelinhos e Costado da Nau	FAI 6
Arriba fóssil da Praia do Norte	FAI 7
Arriba fóssil do Varadouro	FAI 8
Ponta Furada	FAI 9
Arriba fóssil Sto António - São Roque	PIC 1
Fajã lávica das Lajes do Pico	PIC 2
Gruta das Torres	PIC 3
Ilhéus da Madalena	PIC 4
Lajido de Santa Luzia	PIC 5
Montanha	PIC 6
Planalto da Achada	PIC 7
Ponta da Ilha	PIC 8
Algar/Gruta do Canto da Serra	PIC 9
Fajã lávica de São Mateus	PIC 10
Fajã lávica das Ribeiras	PIC 11
Furna Vermelha	PIC 12
Gruta dos Montanheiros	PIC 13
Hornitos e Furna do Frei Matias	PIC 14
Lajido da Criação Velha	PIC 15
Lomba do Fogo	PIC 16
Ponta do Mistério	PIC 17
Cabeço Debaixo da Rocha	PIC 18
Arriba das Fajãs dos Vimes – São João	SJO 1
Cordilheira vulcânica central	SJO 2
Fajãs do Ouvidor e da Ribeira da Areia	SJO 3
Fajãs dos Cubres e da Caldeira do Sto Cristo	SJO 4
Morro de Velas e Morro de Lemos	SJO 5
Ponta dos Rosais	SJO 6

Mistério da Urzelina	SJO 7
Ponta e ilhéu do Topo	SJO 8
Caldeira e Furna do Enxofre	GRA 1
Caldeirinha de Pêro Botelho	GRA 2
Ponta da Barca e Ilhéu da Baleia	GRA 3
Porto Afonso e Redondo	GRA 4
Ponta do Carapacho, Ponta da Restinga e Ilhéu de Baixo	GRA 5
Arribas da Serra Branca e Baía do Filipe	GRA 6
Baía da Vitória	GRA 7
Erupção do Pico Timão	GRA 8
Santa Cruz da Graciosa	GRA 9
Algar do Carvão	TER 1
Caldeira de Santa Bárbara e Mistérios Negros	TER 2
Caldeira de Guilherme Moniz	TER 3
Furnas do Enxofre	TER 4
Monte Brasil	TER 5
Pico Alto, Biscoito Rachado e Biscoito da Ferraria	TER 6
Ponta da Serreta e escoadas traquíticas	TER 7
Fajã da Alagoa - Biscoito das Calmeiras	TER 8
Graben das Lajes	TER 9
Ilhéus das Cabras	TER 10
Mistério 1761 e sistema cavernícola da Malha Grande - Balcões	TER 11
Serra do Cume	TER 12
Biscoitos - Matias Simão	TER 13
Caldeira do vulcão das Furnas	SMG 1
Caldeira do vulcão das Sete Cidades	SMG 2
Caldeira do vulcão do Fogo	SMG 3
Caldeira Velha	SMG 4
Gruta do Carvão	SMG 5
Ilhéu de Vila Franca	SMG 6
Lagoas do Congro e dos Nenúfares	SMG 7
Ponta da Ferraria e Pico das Camarinhas	SMG 8
Serra Devassa	SMG 9
Vale da Ribeira do Faial da Terra e Fajã do Calhau	SMG 10
Caldeira da Povoação	SMG 11
Coroa da Furna - Arrenquinha	SMG 12
Fajã lávica e arriba fóssil da Caloura	SMG 13
Fajã lávica e ilhéus dos Mosteiros	SMG 14
Morro das Capelas	SMG 15
Morro de Santa Bárbara, praias e Bandejo	SMG 16
Pico da Vara e Planalto dos Graminhais	SMG 17
Pisão - Praia (Água d'Alto)	SMG 18
Ponta do Cintrão - Ladeira da Velha	SMG 19
Praias do Pópulo, Milicias e São Roque	SMG 20
Rocha da Relva	SMG 21
Salto da Farinha	SMG 22
Salto do Cabrito	SMG 23
Vale da Ribeira Quente	SMG 24
Vale das Lombadas	SMG 25
Fontanário da Ribeira Seca	SMG 26
Campo Geotérmico do Vulcão do Fogo	SMG 27
Barreiro da Faneca	SMA 1
Pedreira do Campo	SMA 2

Poço da Pedreira	SMA 3
Ponta do Castelo	SMA 4
Ribeira do Maloás	SMA 5
Baía da Cré	SMA 6
Baía de São Lourenço	SMA 7
Baía do Raposo	SMA 8
Baía do Tagarete e Ponta do Norte	SMA 9
Baía dos Cabrestantes	SMA 10
Barreiro da Malbusca	SMA 11
Cascata do Aveiro	SMA 12
Figueiral	SMA 13
Porto de Vila do Porto	SMA 14
Praia Formosa e Prainha	SMA 15
Banco D. João de Castro	Marine 1
Dorsal Atlântica e Campos hidrotermais	Marine 2
Canal Faial - Pico	Marine 3
Ilhéus das Formigas e Recife Dollabarat	Marine 4

3.3 – Geosites used for education – 92 geosites

Geosite	Code
Caldeirão	COR 1
Fajã lávica de Vila do Corvo	COR 2
Coroínha e arriba de Pingas	COR 4
Caldeiras Negra, Comprida, Seca e Branca	FLO 1
Caldeiras Rasa e Funda das Lajes	FLO 2
Fajã Grande e Fajãzinha	FLO 3
Pico da Sé	FLO 4
Rocha dos Bordões	FLO 6
Filão dos Frades	FLO 8
Litoral de Santa Cruz	FLO 9
Ponta do Albarnaz - Ponta Delgada	FLO 10
Vale da Ribeira da Cruz e Ponta da Caveira	FLO 11
Vale das Ribeiras da Badanela e Além Fazenda	FLO 12
Caldeira	FAI 1
Graben de Pedro Miguel	FAI 2
Monte da Guia e Porto Pim	FAI 3
Morro do Castelo Branco	FAI 4
Península do Capelo	FAI 5
Vulcão dos Capelinhos e Costado da Nau	FAI 6
Arriba fóssil da Praia do Norte	FAI 7
Arriba fóssil do Varadouro	FAI 8
Fajã lávica das Lajes do Pico	PIC 2
Gruta das Torres	PIC 3
Lajido de Santa Luzia	PIC 5
Montanha	PIC 6
Planalto da Achada	PIC 7
Ponta da Ilha	PIC 8
Fajã lávica de São Mateus	PIC 10
Fajã lávica das Ribeiras	PIC 11
Lajido da Criação Velha	PIC 15
Ponta do Mistério	PIC 17

Cabeço Debaixo da Rocha	PIC 18
Arriba das Fajãs dos Vimes – São João	SJO 1
Cordilheira vulcânica central	SJO 2
Fajãs do Ouvidor e da Ribeira da Areia	SJO 3
Fajãs dos Cubres e da Caldeira do Sto Cristo	SJO 4
Morro de Velas e Morro de Lemos	SJO 5
Mistério da Urzelina	SJO 7
Ponta e ilhéu do Topo	SJO 8
Caldeira e Furna do Enxofre	GRA 1
Caldeirinha de Pêro Botelho	GRA 2
Ponta da Barca e Ilhéu da Baleia	GRA 3
Porto Afonso e Redondo	GRA 4
Ponta do Carapacho, Ponta da Restinga e Ilhéu de Baixo	GRA 5
Arribas da Serra Branca e Baía do Filipe	GRA 6
Santa Cruz da Graciosa	GRA 9
Algar do Carvão	TER 1
Caldeira de Santa Bárbara e Mistérios Negros	TER 2
Caldeira de Guilherme Moniz	TER 3
Furnas do Enxofre	TER 4
Monte Brasil	TER 5
Pico Alto, Biscoito Rachado e Biscoito da Ferraria	TER 6
Ponta da Serreta e escoadas traquíticas	TER 7
Fajã da Alagoa - Biscoito das Calmeiras	TER 8
Graben das Lajes	TER 9
Caldeira do vulcão das Furnas	SMG 1
Caldeira do vulcão das Sete Cidades	SMG 2
Caldeira do vulcão do Fogo	SMG 3
Caldeira Velha	SMG 4
Gruta do Carvão	SMG 5
Ilhéu de Vila Franca	SMG 6
Lagoas do Congro e dos Nenúfares	SMG 7
Ponta da Ferraria e Pico das Camarinhas	SMG 8
Serra Devassa	SMG 9
Vale da Ribeira do Faial da Terra e Fajã do Calhau	SMG 10
Caldeira da Povoação	SMG 11
Coroa da Furna - Arrenquinha	SMG 12
Fajã lávica e arriba fóssil da Caloura	SMG 13
Fajã lávica e ilhéus dos Mosteiros	SMG 14
Morro de Santa Bárbara, praias e Bandejo	SMG 16
Pisão - Praia (Água d'Alto)	SMG 18
Ponta do Cintrão - Ladeira da Velha	SMG 19
Praias do Pópulo, Milicias e São Roque	SMG 20
Rocha da Relva	SMG 21
Salto da Farinha	SMG 22
Salto do Cabrito	SMG 23
Vale da Ribeira Quente	SMG 24
Vale das Lombadas	SMG 25
Fontanário da Ribeira Seca	SMG 26
Campo Geotérmico do Vulcão do Fogo	SMG 27
Barreiro da Faneca	SMA 1
Pedreira do Campo	SMA 2
Poço da Pedreira	SMA 3

Ponta do Castelo	SMA 4
Ribeira do Maloás	SMA 5
Baía da Cré	SMA 6
Baía de São Lourenço	SMA 7
Barreiro da Malbusca	SMA 11
Cascata do Aveiro	SMA 12
Figueiral	SMA 13
Porto de Vila do Porto	SMA 14
Praia Formosa e Prainha	SMA 15

3.4 – Geosites used for geotourism – 93 geosites

Geosite	Code
Caldeirão	COR 1
Ponta do Marco	COR 3
Caldeiras Negra, Comprida, Seca e Branca	FLO 1
Caldeiras Rasa e Funda das Lajes	FLO 2
Fajã Grande e Fajãzinha	FLO 3
Pico da Sé	FLO 4
Ponta da Rocha Alta e Fajã de Lopo Vaz	FLO 5
Rocha dos Bordões	FLO 6
Costa Nordeste	FLO 7
Filão dos Frades	FLO 8
Litoral de Santa Cruz	FLO 9
Ponta do Albarnaz - Ponta Delgada	FLO 10
Vale da Ribeira da Cruz e Ponta da Caveira	FLO 11
Vale das Ribeiras da Badanela e Além Fazenda	FLO 12
Caldeira	FAI 1
Graben de Pedro Miguel	FAI 2
Monte da Guia e Porto Pim	FAI 3
Morro do Castelo Branco	FAI 4
Península do Capelo	FAI 5
Vulcão dos Capelinhos e Costado da Nau	FAI 6
Arriba fóssil da Praia do Norte	FAI 7
Arriba fóssil do Varadouro	FAI 8
Fajã lávica das Lajes do Pico	PIC 2
Gruta das Torres	PIC 3
Ilhéus da Madalena	PIC 4
Lajido de Santa Luzia	PIC 5
Montanha	PIC 6
Planalto da Achada	PIC 7
Ponta da Ilha	PIC 8
Hornitos e Furna do Frei Matias	PIC 14
Lajido da Criação Velha	PIC 15
Ponta do Mistério	PIC 17
Arriba das Fajãs dos Vimes – São João	SJO 1
Cordilheira vulcânica central	SJO 2
Fajãs do Ouvidor e da Ribeira da Areia	SJO 3
Fajãs dos Cubres e da Caldeira do Sto Cristo	SJO 4
Morro de Velas e Morro de Lemos	SJO 5
Ponta dos Rosais	SJO 6
Mistério da Urzelina	SJO 7
Ponta e ilhéu do Topo	SJO 8

Caldeira e Furna do Enxofre	GRA 1
Caldeirinha de Pêro Botelho	GRA 2
Ponta da Barca e Ilhéu da Baleia	GRA 3
Porto Afonso e Redondo	GRA 4
Ponta do Carapacho, Ponta da Restinga e Ilhéu de Baixo	GRA 5
Arribas da Serra Branca e Baía do Filipe	GRA 6
Santa Cruz da Graciosa	GRA 9
Algar do Carvão	TER 1
Caldeira de Santa Bárbara e Mistérios Negros	TER 2
Furnas do Enxofre	TER 4
Monte Brasil	TER 5
Pico Alto, Biscoito Rachado e Biscoito da Ferraria	TER 6
Ponta da Serreta e escoadas traquíticas	TER 7
Fajã da Alagoa - Biscoito das Calmeiras	TER 8
Graben das Lajes	TER 9
Ilhéus das Cabras	TER 10
Serra do Cume	TER 12
Caldeira do vulcão das Furnas	SMG 1
Caldeira do vulcão das Sete Cidades	SMG 2
Caldeira do vulcão do Fogo	SMG 3
Caldeira Velha	SMG 4
Gruta do Carvão	SMG 5
Ilhéu de Vila Franca	SMG 6
Lagoas do Congro e dos Nenúfares	SMG 7
Ponta da Ferraria e Pico das Camarinhas	SMG 8
Serra Devassa	SMG 9
Vale da Ribeira do Faial da Terra e Fajã do Calhau	SMG 10
Caldeira da Povoação	SMG 11
Fajã lávica e arriba fóssil da Caloura	SMG 13
Fajã lávica e ilhéus dos Mosteiros	SMG 14
Morro de Santa Bárbara, praias e Bandejo	SMG 16
Pico da Vara e Planalto dos Graminhais	SMG 17
Pisão - Praia (Água d'Alto)	SMG 18
Ponta do Cintrão - Ladeira da Velha	SMG 19
Praias do Pópulo, Milicias e São Roque	SMG 20
Salto da Farinha	SMG 22
Salto do Cabrito	SMG 23
Vale da Ribeira Quente	SMG 24
Vale das Lombadas	SMG 25
Fontanário da Ribeira Seca	SMG 26
Campo Geotérmico do Vulcão do Fogo	SMG 27
Barreiro da Faneca	SMA 1
Pedreira do Campo	SMA 2
Poço da Pedreira	SMA 3
Ponta do Castelo	SMA 4
Ribeira do Maloás	SMA 5
Baía da Cré	SMA 6
Baía de São Lourenço	SMA 7
Cascata do Aveiro	SMA 12
Figueiral	SMA 13
Praia Formosa e Prainha	SMA 15
Banco D. João de Castro	Marine 1
Ilhéus das Formigas e Recife Dollabarat	Marine 4

I. Geology and Landscape

1.2 Geological Conservation

1 – Inventory and Significance of Geosites

The **relevance** of the Azores geosites was done following two complementary approaches:

a) using the methodology of Eva Lima, 2007, Master thesis ("Património geológico dos Açores: valorização de locais com interesse geológico das áreas ambientais, contributo para o ordenamento do território", Master thesis), applied to all the 121 Azores geosites, which adapts to the territorial and geological reality of the Azores archipelago the methodology developed in 2005 for Portugal, by José Brilha (Minho University);

b) in addition, there was an evaluation of the scientific value of the 121 geosites in the Azores archipelago and of its degree of vulnerability, taking into account criteria commonly used in several other European countries. This evaluation was done in the context of the Framework 26 (FR26) of the research project "Identification, characterization and conservation of geological heritage: a geoconservation strategy for Portugal", funded by the FCT - Foundation for Science and Technology (2007-2010), with Chief-scientist José Brilha (Minho University) and Azores University Main Researcher João Carlos Nunes. The project sought to implement, in whole Portuguese territory, a methodology for the inventory and the classification of geological heritage, from the perspective of its geoconservation, valorization and dissemination.

Thus, the International, National or Regional relevance of the Azores geosites was established supported on those approaches, and on the intrinsic value of the Azores geosites gathered from the scientific knowledge of the territory by the geopark's staff team. Additionally it was considered since the beginning that the inventory of the geosites of the Azores archipelago should focus on those more representative, thus with at least Regional relevance.

1.1 – Geosites of International Relevance

Relevance Index (FR26)	Geosite Description	Geosite Code	Main Remarks and justification
100	Mid-Atlantic Ridge and deep-sea hydrothermal fields	MAR 2	Global tectonic boundary
82,5	Pico Mountain polygenetic volcano	PIC 6	3rd highest central volcano on North Atlantic
82,5	Caldera of Furnas silicic polygenetic volcano	SMG 1	Hydrothermal and hydrological system (mineral, thermal and CO_2-spring gas waters) richness
77,5	Graciosa volcano caldera and "Furna do Enxofre" volcanic cave	GRA 1	Size, shape and genesis of the volcanic cave
75	Capelinhos volcano and "Costado da Nau" volcano	FAI 6	relevance of Capelinhos eruption for Volcanology science
75	Algar do Carvão volcanic pit	TER 1	Top ten worldwide volcanic cave in terms of mineral deposits (silica speleothemes)

1.2 – Geosites of National Relevance

Relevance Index (FR26)	Geosite	Code
49	Caldeira	FAI 1
48,3	Caldeiras Negra, Comprida, Seca e Branca	FLO 1
48	Praia Formosa e Prainha	SMA 15
47,3	Caldeira de Santa Bárbara e Mistérios Negros	TER 2
47,2	Caldeira do vulcão das Sete Cidades	SMG 2
47	Caldeiras Rasa e Funda das Lajes	FLO 2
46,8	Arriba das Fajãs dos Vimes – São João	SJO 1
46,8	Monte Brasil	TER 5
46,7	Ponta do Cintrão - Ladeira da Velha	SMG 19
46,4	Fajã Grande e Fajãzinha	FLO 3
46,3	Fajãs dos Cubres e da Caldeira do Sto Cristo	SJO 4
46,2	Caldeira do vulcão do Fogo	SMG 3
46,2	Caldeirão	COR 1
46	Pico Alto, Biscoito Rachado e Biscoito da Ferraria	TER 6
45,7	Fajã lávica e ilhéus dos Mosteiros	SMG 14
45	Graben de Pedro Miguel	FAI 2
44,7	Monte da Guia e Porto Pim	FAI 3
44,7	Ponta do Castelo	SMA 4
44,5	Ponta da Ferraria e Pico das Camarinhas	SMG 8
43,8	Salto da Farinha	SMG 22
43,8	Rocha dos Bordões	FLO 6
43,3	Morro do Castelo Branco	FAI 4
43,2	Vale da Ribeira da Cruz e Ponta da Caveira	FLO 11
42,8	Lajido da Criação Velha	PIC 15
42,8	Ponta do Carapacho, Ponta da Restinga e Ilhéu de Baixo	GRA 5
42,5	Vale das Ribeiras da Badanela e Além Fazenda	FLO 12
42,5	Lajido de Santa Luzia	PIC 5
42,5	Graben das Lajes	TER 9
42,3	Mistério da Urzelina	SJO 7
42,2	Ponta da Barca e Ilhéu da Baleia	GRA 3
42,2	Barreiro da Malbusca	SMA 11
41,8	Morro de Velas e Morro de Lemos	SJO 5
41,8	Morro das Capelas	SMG 15
41,8	Barreiro da Faneca	SMA 1
41,7	Baía do Tagarete e Ponta do Norte	SMA 9
41,3	Ilhéu de Vila Franca	SMG 6
40,8	Ponta Furada	FAI 9
40,5	Arribas da Serra Branca e Baía do Filipe	GRA 6
40,5	Fontanário da Ribeira Seca	SMG 26
40,3	Porto Afonso e Redondo	GRA 4
40,2	Ponta da Ilha	PIC 8
40	Pedreira do Campo	SMA 2
40	Poço da Pedreira	SMA 3
39,7	Porto de Vila do Porto	SMA 14
39,5	Costa Nordeste	FLO 7
39,3	Ilhéus das Cabras	TER 10
39,3	Ribeira do Maloás	SMA 5
39,2	Ilhéus da Madalena	PIC 4
39,2	Pisão - Praia (Água d'Alto)	SMG 18

38,8	Salto do Cabrito	SMG 23
38,8	Campo Geotérmico do Vulcão do Fogo	SMG 27
37,7	Cabeço Debaixo da Rocha	PIC 18

1.3 – Geosites of Regional Relevance

Geosite	Code
Caldeirão	COR 1
Fajã lávica de Vila do Corvo	COR 2
Caldeiras Negra, Comprida, Seca e Branca	FLO 1
Caldeiras Rasa e Funda das Lajes	FLO 2
Fajã Grande e Fajãzinha	FLO 3
Rocha dos Bordões	FLO 6
Vale da Ribeira da Cruz e Ponta da Caveira	FLO 11
Caldeira	FAI 1
Graben de Pedro Miguel	FAI 2
Monte da Guia e Porto Pim	FAI 3
Morro do Castelo Branco	FAI 4
Península do Capelo	FAI 5
Vulcão dos Capelinhos e Costado da Nau	FAI 6
Arriba fóssil da Praia do Norte	FAI 7
Fajã lávica das Lajes do Pico	PIC 2
Gruta das Torres	PIC 3
Lajido de Santa Luzia	PIC 5
Montanha	PIC 6
Planalto da Achada	PIC 7
Lajido da Criação Velha	PIC 15
Arriba das Fajãs dos Vimes – São João	SJO 1
Cordilheira vulcânica central	SJO 2
Fajãs do Ouvidor e da Ribeira da Areia	SJO 3
Fajãs dos Cubres e da Caldeira do Sto Cristo	SJO 4
Morro de Velas e Morro de Lemos	SJO 5
Mistério da Urzelina	SJO 7
Caldeira e Furna do Enxofre	GRA 1
Caldeirinha de Pêro Botelho	GRA 2
Ponta da Barca e Ilhéu da Baleia	GRA 3
Porto Afonso e Redondo	GRA 4
Ponta do Carapacho, Ponta da Restinga e Ilhéu de Baixo	GRA 5
Arribas da Serra Branca e Baía do Filipe	GRA 6
Santa Cruz da Graciosa	GRA 9
Algar do Carvão	TER 1
Caldeira de Santa Bárbara e Mistérios Negros	TER 2
Caldeira de Guilherme Moniz	TER 3
Furnas do Enxofre	TER 4
Monte Brasil	TER 5
Pico Alto, Biscoito Rachado e Biscoito da Ferraria	TER 6
Ponta da Serreta e escoadas traquíticas	TER 7
Fajã da Alagoa - Biscoito das Calmeiras	TER 8
Graben das Lajes	TER 9
Caldeira do vulcão das Furnas	SMG 1
Caldeira do vulcão das Sete Cidades	SMG 2
Caldeira do vulcão do Fogo	SMG 3

Caldeira Velha	SMG 4
Gruta do Carvão	SMG 5
Ilhéu de Vila Franca	SMG 6
Lagoas do Congro e dos Nenúfares	SMG 7
Ponta da Ferraria e Pico das Camarinhas	SMG 8
Serra Devassa	SMG 9
Vale da Ribeira do Faial da Terra e Fajã do Calhau	SMG 10
Caldeira da Povoação	SMG 11
Fajã lávica e arriba fóssil da Caloura	SMG 13
Fajã lávica e ilhéus dos Mosteiros	SMG 14
Morro de Santa Bárbara, praias e Bandejo	SMG 16
Pisão - Praia (Água d'Alto)	SMG 18
Ponta do Cintrão - Ladeira da Velha	SMG 19
Praias do Pópulo, Milicias e São Roque	SMG 20
Rocha da Relva	SMG 21
Salto da Farinha	SMG 22
Salto do Cabrito	SMG 23
Vale da Ribeira Quente	SMG 24
Vale das Lombadas	SMG 25
Fontanário da Ribeira Seca	SMG 26
Campo Geotérmico do Vulcão do Fogo	SMG 27
Barreiro da Faneca	SMA 1
Pedreira do Campo	SMA 2
Poço da Pedreira	SMA 3
Ponta do Castelo	SMA 4
Ribeira do Maloás	SMA 5
Baía da Cré	SMA 6
Baía de São Lourenço	SMA 7
Barreiro da Malbusca	SMA 11
Cascata do Aveiro	SMA 12
Figueiral	SMA 13
Porto de Vila do Porto	SMA 14
Praia Formosa e Prainha	SMA 15

1.4 – Geosites database

All the information gathered about the geosites (mostly from scientific documents and papers, maps and technical reports) was properly managed and supported the evaluations mentioned on item 1 – "Inventory and Significance of Geosites". The correspondent data are compiled on Excel files.

The Azores Geopark webpage (www.azoresgeopark.com) and some publications (e.g. the Geosites Maps) allow a public access to the Azores geosites list and information about them.

1.5 – Geosites map

All Azores geosites have clearly defined limits and are mapped on a 1:25,000 scale, supported on a GIS system.

Those maps (on different formats) are available to consult or to download at the Azores Geopark webpage (www.azoresgeopark.com) and a synopsis map for each island geosites was included in the Application.

2.2 – Area protection by law for its geological interest

Today, 77% of the Azores geosites (93 geosites) are under legal protection of the Island Natural Parks, the Azores Marine Park and the Natura 2000 Network. From these, 52 geosites are integrated, simultaneously, in the Island Natural Parks and in the Natura 2000 Network, while 39 geosites are only under legal protection on the content of the Island Natural Parks. One geosite, the D. João de Castro Bank, is integrated in the Natura 2000 Network and in the Azores Marine Park. Part of the Mid-Atlantic Ridge and its hydrothermal fields is also covered by the Azores Marine Park. From the others 28 geosites, a significant number is covered by other classifications and protection and enhancement measures, like the geosites of Graciosa, Flores and Corvo islands, which are a integral part of their respective Biosphere Reserve.

4.1 – Regular maintenance and cleaning

There is a regional program to control flora alien invasive species existing in the protected areas, along all the year, including some geosites, such as the volcanic caves entrances and prismatic jointing scarps.

The Azores Regional Government, through the Environment and Sea Regional Secretariat, also ensures the monitoring of all the habitats protected under the Natura 2000 Network, and have a department for the maintenance of all the visitor centers existing in protected areas.

4.2 – Conservation measures

In order to ensure the maintenance and guarantee an effective management and protection of the natural and geologic heritage, some geosites have conditioned access and supervised visits.

Thus, that desideratum is achieved with supervised visits (sometimes with a limited number of visitors) or with a pre-defined load capacity in accordance with the regional legislation or the Regulations of certain protected areas, as it happens in the Caldera area (Faial Island), at Pico Mountain climbing and in the volcanic caves visits.

I. Geology and Landscape

1.3 Natural and Cultural Heritage

1.2 – Other international designations in part of the geopark territory

In the Azores archipelago three areas were classified as Biosphere Reserves, after approval by the UNESCO's Bureau of the International Coordinating Council of the Program MaB (Man and Biosphere): the Biosphere Reserves of Corvo island and Graciosa island (in 2007), and the Biosphere Reserve of Flores island, in 2009.

There are also Natura 2000 Network areas, with 23 Special Areas of Conservation, 15 Special Protection Areas and 2 Sites of Community Importance:

Code	Designation	Total area (ha)
PTMAZ001	Site of Community Importance Menez Gwen	9523,21
PTMAZ002	Site of Community Importance Lucky Strike	19125,85
PTCOR0001	Special Area of Conservation Costa e Caldeirão	972,67
PTFLO0002	Special Area of Conservation Zona Central - Morro Alto	2931,09
PTFLO0003	Special Area of Conservation Costa Nordeste	1250,76
PTFAI0004	Special Area of Conservation Caldeira e Capelinhos	2086,25
PTFAI0005	Special Area of Conservation Monte da Guia	383,17
PTFAI0006	Special Area of Conservation Ponta do Varadouro	17,61
PTFAI0007	Special Area of Conservation Morro do Castelo Branco	126,42
PTPIC0008	Special Area of Conservation Baixa do Sul - Canal do Faial	50,06
PTPIC0009	Special Area of Conservation Montanha do Pico, Praínha e Caveiro	8462,65
PTPIC0010	Special Area of Conservation Ponta da Ilha	398,29
PTPIC0011	Special Area of Conservation Lajes do Pico	142,71
PTPIC0012	Special Area of Conservation Ilhéus da Madalena	143,21
PTJOR0013	Special Area of Conservation Ponta dos Rosais	307,08
PTJOR0014	Special Area of Conservation Costa NE e Ponta do Topo	3965,15
PTGRA0015	Special Area of Conservation Ilhéu de Baixo – Restinga	243,67
PTGRA0016	Special Area of Conservation Ponta Branca	68,64
PTTER0017	Special Area of Conservation Serra de Santa Bárbara e Pico Alto	4730,93
PTTER0018	Special Area of Conservation Costa das Quatro Ribeiras	267,63
PTMIG0019	Special Area of Conservation Lagoa do Fogo	1262,62
PTMIG0020	Special Area of Conservation Caloura - Ponta da Galera	199,59
PTMIG0021	Special Area of Conservation Banco D. João de Castro - Canal Terceira - São Miguel	1648,39
PTSMA0022	Special Area of Conservation Ponta do Castelo	316,61
PTSMA0023	Special Area of Conservation Ilhéu das Formigas e Recife Dollabarat	3593,58
PTZPE0020	Special Protection Area Costa e Caldeirão	699,85
PTZPE0021	Special Protection Area Costa Sul e Sudoeste	254,02
PTZPE0022	Special Protection Area Costa Nordeste	141,93
PTZPE0023	Special Protection Area Caldeira e Capelinhos	2047,14
PTZPE0024	Special Protection Area Lajes do Pico	64,53
PTZPE0025	Special Protection Area Ponta da Ilha	293,80
PTZPE0026	Special Protection Area Furnas Santo António	13,37
PTZPE0027	Special Protection Area Zona Central do Pico	6019,20
PTZPE0028	Special Protection Area Ilhéu do Topo e Costa Adjacente	369,75
PTZPE0029	Special Protection Area Ilhéu de Baixo	32,09
PTZPE0030	Special Protection Area Ilhéu da Praia	10,02
PTZPE0031	Special Protection Area Ponta das Contendas	91,45
PTZPE0032	Special Protection Area Ilhéu das Cabras	28,14
PTZPE0033	Special Protection Area Pico da Vara/Ribeira do Guilherme	6067,28
PTZPE0034	Special Protection Area Ilhéu da Vila e Costa Adjacente	57,08

From the group of wetlands of the Azores Region, 12 were officially named as Ramsar Sites, with a total area of approximately 13 thousand hectares. All this sites are part of the Regional Network of Protected Areas:

Code	Designation	Total area (ha)
1800	Caldeirão do Corvo	316
1806	Planalto Central das Flores - Morro Alto	2572
1799	Caldeira do Faial	312
1808	Planalto Central do Pico – Achada	748
1807	Planalto Central de São Jorge - Pico da Esperança	231
1615	Fajãs das Lagoas de Santo Cristo e dos Cubres - São Jorge	87
1798	Caldeira da Graciosa - Furna do Enxofre	120
1805	Planalto Central da Terceira - Furnas do Enxofre e Algar do Carvão	1283
1801	Complexo Vulcânico das Furnas (São Miguel)	2855
1802	Complexo Vulcânico das Sete Cidades (São Miguel)	2171
1803	Complexo Vulcânico do Fogo (São Miguel)	2182
1804	Ilhéus das Formigas e Recife Dollabarat	7

Under the OSPAR Convention of 1992, the instrument that guides the international cooperation in the protection of the marine environment of the Northeast Atlantic, 12 areas in the Azores have been classified, in their majority in close relation with the Mid-Atlantic Ridge and associated transform faults. The majority of these sites integrate the Azores Regional Network of Protected Areas, more specifically the Azores Marine Park:

Designation	Classification date
Formigas/Dollabarat	2006
Rainbow	2007
Lucky Strike	2007
Menez Gwen	2007
Corvo	2007
Faial-Pico sea channel	2007
Banco D. João de Castro seamount	2007
Altair	2010
Antialtair	2010
Josephine	2010
Mid Atlantic Ridge North of the Azores	2010
Sedlo	2007

1.4 – Regional designation in part of the geopark territory

The Regional Network of Protected Areas of the Azores Autonomous Region accomplishes in the Region the classification adopted by the International Union for Nature Conservation (IUCN), adapting it to the geographical, environmental, cultural and politico-administrative particularities of the Azores archipelago territory (Regional Legislative Decree nº 15/2007/A, June 25th).

This network includes 9 Island Natural Parks (one for each island) and 1 Marine Park (already approved, just waiting publication):

- Corvo Island Natural Park, Regional Legislative Decree n.º 44/2008/A, November 5th
- Flores Island Natural Park, Regional Legislative Decree n.º 8/2011/A, March 23rd
- Faial Island Natural Park, Regional Legislative Decree n.º 46/2008/A, November 7th
- Pico Island Natural Park, Regional Legislative Decree n.º 20/2008/A, July 9th
- São Jorge Island Natural Park, Regional Legislative Decree n.º 10/2011/A, March 28th

- Graciosa Island Natural Park, Regional Legislative Decree n.º 45/2008/A, November 5th
- Terceira Island Natural Park, Regional Legislative Decree n.º 11/2011/A, April 20th
- São Miguel Island Natural Park, Regional Legislative Decree n.º 19/2008/A, July 8th
- Santa Maria Island Natural Park, Regional Legislative Decree n.º 47/2008/A, November 7th
- Azores Marine Park (waiting publication).

2.1 – World Heritage site in part of the geopark territory

The geopark territory includes two areas classified by UNESCO as World Heritage: the Historical Centre of Angra do Heroísmo, Terceira Island, and the Landscape of the Pico Island Vineyard Culture.

The classification of the Historical Centre of Angra do Heroísmo, obtained in 1983, recognizes the historical importance of this city from a political, economical, religious, geostrategic and military point of view. The relevance of the Angra bay, especially in the 15th and 16th centuries, and the importance of the city are portrayed in the renaissance urban structure of this city and its forts, unique examples of military architecture.

In 2004, the most representative and preserved parcel of the protected Landscape of the Pico Island Vineyard Culture was classified as World Heritage, covering an area of 987 hectares, surrounded by a tampon zone of 1934 hectares. This landscape is a square grid of basaltic stone walls that impresses by its perfection and grandiosity and testifies the secular harmonious relationship between Man and Nature.

http://whc.unesco.org/en/list

2.3 – National designation in part of the geopark territory

Examples of sites classified as National Monuments in the Azores:

- "Igreja de Santa Bárbara", Manadas, São Jorge Island
- "Forte de Santa Cruz", Horta, Faial Island

2.4 – Regional designation in part of the geopark territory

Examples of sites classified as Regional Monuments/Buildings of Public Interest in the Azores :

- "Fábrica da Baleia do Boqueirão", Santa Cruz das Flores, Flores Island
- "Museu dos Baleeiros", Lajes do Pico, Pico Island
- Corvo village, Corvo Island
- "Palácio dos Capitães Generais", Angra do Heroísmo, Terceira Island
- "Portas da Cidade", Ponta Delgada, São Miguel Island
- Horta municipality windmills, Horta, Faial Island
- "Ermida de Nossa Senhora da Paz", Vila Franca do Campo, São Miguel Island
- "Ermida de Nossa Senhora das Vitórias", Povoação, São Miguel Island
- "Igreja de Nossa Senhora da Purificação", Vila do Porto, Santa Maria Island
- "Igreja do Colégio dos Jesuítas", Ponta Delgada, São Miguel Island
- "Forte de São Brás", Ponta Delgada, São Miguel Island

- "Fortaleza de São João Baptista", Angra do Heroísmo, Terceira Island
- "Jardim José do Canto", Ponta Delgada, São Miguel Island
- "Jardim do Palácio de Sant'Ana", Ponta Delgada, São Miguel Island

2.5 – Local designation in part of the geopark territory

Examples of sites classified as Local Monuments in the Azores :

- "Aldeia da Cuada", Lajes das Flores, Flores Island
- Santa Cruz municipality windmills, Graciosa Island
- Corvo municipality windmills, Corvo Island

3.1 – Interpretation

For the interpretation of the Natural and Cultural Heritage there are several products, infrastructures and editions done by the geopark and by the geopark partners, among which are books, leaflets, interpretative panels, maps, muppies, etc.

The information and interpretation is also available on many websites, about protected areas, biodiversity, geodiversity and cultural values of the territory.

3.2 – Education programmes

The Educational Programs are provided by the Azores Geopark staff or by the different partners, such as the Regional Network of "Ecotecas", the Regional Network of Museums, the Centers of Environmental Interpretation and the Science Centers.

The integration of these programmes and activities in the Regional Plan for Environmental Awareness and Education of the Azores, that defines a medium-term strategy for these activities, ensures the necessary coordination among them.

3.3 – Communication

The communication and dissemination of information among the different players/stakeholders of the territory is ensured namely by different WebPages, as:

- http://azoresgeopark.com/
- http://www.speleoazores.com/
- http://www.azoresbiosfera.com/
- http://www.azoresbioportal.angra.uac.pt/
- http://siaram.azores.gov.pt/
- http://www.visitazores.com/
- http://pg.azores.gov.pt/drac/cca/
- http://www.azores.gov.pt/gra/sram-natureza

Also, the regular edition and dissemination of newsletters, the participation on Social Networks and the presence and collaboration with the local, regional and national media is also a very important channel to disseminate information about Azores Natural and Cultural Heritages.

3.4 – Promotion of the links between Geological Heritage sites and the existing Natural and Cultural sites within the geopark

To promote such links the Azores Geopark develops a wide range of actions that includes:

a) participation in festivals and cultural traditions of highly popular expression;

b) organizing thematic contests and exhibitions;

c) promoting guided tours in walking trails that includes elements of the Natural and Cultural heritages;

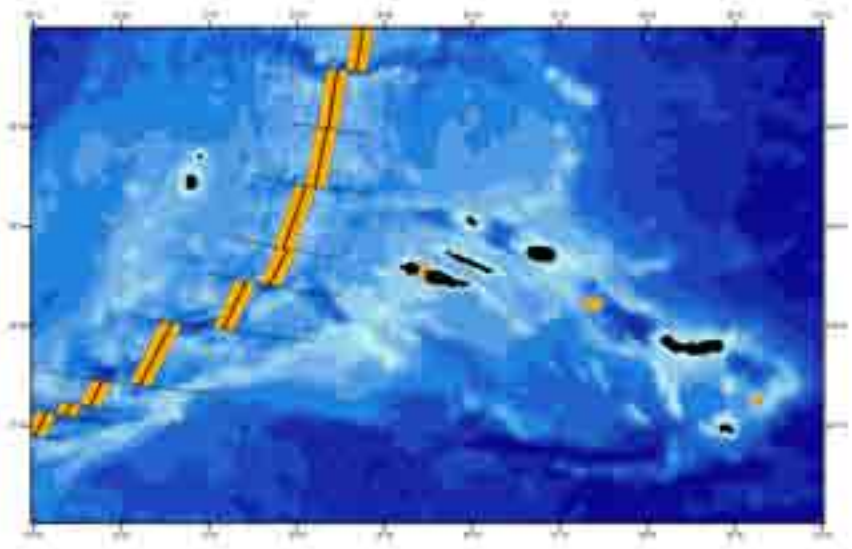
d) promoting "geo-menus" and "geo-products" (specially artisanal products and handicrafts) on meetings, workshops or other similar events;

e) enhancing the geology in built heritage.

II. Management Structure

1.1 – Geopark boundary

The proposed area to be nominated as European Geopark has a clear and well defined boundary (cf. below figure): it integrates the emerged territory of the nine Azorean islands, respective islets, and 4 marine geosites, with a total area of 12,884 sq. km.



Area of the Azores Geopark: in black the islands of the archipelago and in orange the 4 marine geosites. The 2,000 meters bathymetric curve (that defines the Azores Plateau) is marked in bold

1.2 – Geopark management structure

The Management of the Geopark is assured by the GEOAÇORES Association – Azores Geopark Association, a non-profit association, whose headquarter is in Horta, Faial island, and it was established through a public deed on May 19th, 2010.

The founding members of GEOAÇORES Association are the Azores Autonomous Region, through the Environment and Sea Regional Secretariat (SRAM) and the four Local Action Groups of the Azores: the ADELIAÇOR, ARDE, GRATER and the ASDEPR associations, on which are represented all the 19 municipalities of the archipelago.

Besides the contribution of the bodies of the GEOAÇORES Association, that includes the General Assembly, the Management Board and the Auditor´s Committee, the management of the geopark is also supported in strong partnerships with several important entities that create important synergies and bring together common efforts to the territory. Those partnerships are supported by memoranda of collaboration signed by several regional entities, which clearly commit themselves to respect, carry out and fulfill the European Geoparks Network Charter and to take part in and to support the Geopark activities.

1.3 – Geopark staff

The geopark Staff Team includes both people employed directly by GEOAÇRES Association, and indirectly by the geopark partners:

Function	Name (Entity/Partner)	Employer
General Coordinator	Manuel Paulino Costa (Environmental and Sea Regional Secretariat – Azores Government)	100% Azores Government
Scientific Coordinator	João Carlos Nunes (Azores University)	100% Azores University
Advisor Interpretation and Visitors Centers and "Ecotecas"	Andrea Porteiro (AZORINA S.A.)	100% AZORINA S.A.
Geoconservation and Environmental Planning	Eva Almeida Lima (Azores University and GEOAÇORES Association)	50% Azores University 50% GEOAÇORES Association
Environmental Education and Awareness – "Ecotecas"	Paulo Garcia Carla Silva (AZORINA S.A.)	100% AZORINA S.A. 100% AZORINA S.A.
Tourism, Communication, and Marketing	Rita Castro (ATA Association)	100% ATA- Azores Tourism Association
Administrative and Financial Section	Filipe Gonçalves (GEOAÇORES Association)	100% GEOAÇORES Association
General Support	Diana Ponte (GEOAÇORES Association)	100% GEOAÇORES Association
Trainee	Carla Viveiros (ARDE Association)	Azores Government GEOAÇORES Association

1.4 – Geopark budget

The GEOAÇORES Association has an independently administered budget, approved yearly by its General Assembly.

The 2011 budget approved in General Assembly was 131,500 Euros.

The Azores Government trough the Environment and Sea Regional Secretariat established a multiannual program contract of 40,000 Euros/year, to ensure the current expenses of GEOAÇORES Association. That financement is complemented by a yearly candidature to Regional Tourism Directorate founds for Azores promotion actions (30,000 Euros/year 2011)

In addition, the geopark budget is complemented with:

a) GEOAÇORES Association own profits, from quotization and merchandizing;

b) Application to other regional funds, such as programs from the Science & Technology Regional Directorate;

c) Application to national funds, such as the "Science activities in the Summer";

d) Application to European founds, such as FEDER and Leader +.

2.1 – Master Plan

The geopark has a Master Plan for the period 2011-2016, which main components include:

Part A - Azores Geopark Management

1- Management structure

2- Associated / Partners

c) Mission

d) Vision

e) Values

f) Quality policy

g) Human resources

h) Physical resources / Patrimony

i) Financial capacity

Part B – Azores Geopark Territory

1- Characterization

a) Framework of the Azores Geopark territory

b) Physical characterization of the territory

c) Geological characterization

d) Socioeconomic characterization

e) Economic activities

f) Geoturism analysis

2- Azores Geopark SWOT Analysis

3- Development Strategy Definition

a) Azores Geopark vision

b) Main goal

c) Specific goals

4- Action Plan

5- Marketing Strategy and Communication

6- Financial Instruments

3.13 – Master Plan (2011-2016) main targets

	Actions	Priority	Chronogram	Responsible Entity	Partners
Target 1 – Protection, Valorization and Promotion of Natural and Patrimonial Resources					
	1.1. Geosites inventory and characterization, including determination of its value/ relevance, uses and vulnerability	1	2011	GEOAÇORES	- Azores University
	1.2. Creating a database of images and films of the Azores geosites	2	2011-2012	GEOAÇORES	- Azores Government - Azores Tourism Associations

	1.3. Development of a Management and Monitoring Plan for priority geosites, especially those included in the Protected Areas	1	2011-2012	GEOAÇORES	- Azores University - Azores Government
	1.4. Signage and interpretation of priority geosites	2	2011-2016	GEOAÇORES	- Azores Government - AZORINA S.A. - Azores University
Target 2 – Promotion and Realization of Environmental Awareness Actions					
	2.1. Develop educational programs of the Azores Geopark	1	2011-2012	GEOAÇORES	- AZORINA S.A. - Azores University
	2.2. Promote discussion forums with the participation of Associations, "Ecotecas" and Schools, to promote environmental education in the territory	3	2012-2016	GEOAÇORES	- AZORINA S.A. - Schools
	2.3. Promotion of thematic contests	2	2011-2016	GEOAÇORES	- Azores Government - UNESCO National Committee - AZORINA S.A. - Municipalities
	2.4. Carrying out activities of the national program "Science activities in the Summer"	2	2011-2016	GEOAÇORES	- AZORINA S.A. - Partner Associations - Science Centers - Azores University - Azores Government - Municipalities
	2.5. Conducting training for partners	1	2012-2016	GEOAÇORES	All partners
	2.6. Conducting awareness campaigns for the community	1	2011-2016	GEOAÇORES	All partners
	2.7. Support scientific studies and internships in the territory of the Azores Geopark	3	2011-2016	GEOAÇORES	- Azores University - Azores Government
Target 3 – Organization and Promotion of Touristic and Cultural Events					
	3.1. Promote exhibitions on the natural heritage of the Region, particularly on geological heritage	2	2011-2016	GEOAÇORES	- AZORINA S.A. - Partner Associations - Science Centers - Azores University - Azores Government - Municipalities - Museums
	3.2. Promote workshops for artisans, local producers, institutions, touristic enterprises, especially of rural tourism	2	2011-2016	GEOAÇORES	All partners
	3.3. Support the promotion of events organized by local actors that contribute to the objectives of the Geopark	2	2011-2016	GEOAÇORES	All partners
	3.4. Participation in the "European Geoparks Week"	1	2011-2016	GEOAÇORES	- AZORINA S.A. - Azores Government - Municipalities - Tourism Associations

Target 4 - Promotion of the Knowledge and the Azores Geopark					
	4.1. Design of the corporate image of the Geopark and associated products	2	2011-2012	GEOAÇORES	
	4.2. Design and editing of promotional material of the Geopark	1	2011-2016	GEOAÇORES	
	4.3. Creation and edition of the "Azores Geopark Passport"	2	2012	GEOAÇORES	- AZORINA S.A. - Museums - Science Centers
	4.4. Publication of Geosites Maps	1	2011-2013	GEOAÇORES	- Azores Government - Tourism Associations
	4.5. Registration of the Azores Geopark Trade and logo	2	2012	GEOAÇORES	
	4.6. Develop information for the Webpage	1	2011-2012	GEOAÇORES	- Azores Government - Tourism Associations
	4.7. Editing the Azores Geopark Newsletter	1	2011-2016	GEOAÇORES	All partners
	4.8. Participate in Tourism Fairs	2	2011-2016	GEOAÇORES	- Azores Government - Tourism Associations
	4.9. Build in all the islands the "Geopark Corner" with products and information on the Azores Geopark	1	2011-2012	GEOAÇORES	- AZORINA S.A. - Partner Associations - Science Centers - Azores University - Azores Government - Municipalities - Museums
	4.10. Participation in national and international events on geopark, geodiversity and geological heritage themes, with communications about the Azores Geopark	1	2011-2016	GEOAÇORES	
Target 5 – Enhance Geotourism as a Strategy of Sustainable Development of the Azores Territory					
	5.1. Organization of thematic routes	1	2011-2016	GEOAÇORES	- ADELIAÇOR - Tourism Associations
	5.2. Organization and promotion of tourist packages and programs	2	2011-2013	GEOAÇORES	All partners
	5.3. Conducting training for tourism professionals	2	2011-2016	GEOAÇORES	- Tourism Associations
	5.4. Creation of a "Good Practices Handbook" in geotourism and exchange of experiences	2	2011-2013	GEOAÇORES	- Tourism Associations
	5.5. Editing the Azores Geotourism Guide	2	2011-2012	GEOAÇORES	- Tourism Associations
Target 6 – Enhancement of Institutional Partnerships					
	6.1. Strengthening partnerships and networking with other Geoparks	1	2011-2016	GEOAÇORES	All partners
	6.2. Strengthening of local partnerships	2	2011-2016	GEOAÇORES	All partners
	6.3. Developing a Good Practice Handbook of the Azores Geopark	2	2011-2012	GEOAÇORES	All partners

7.1 – International awards

Eden Award – European Destination of Excellence (2011) - Faial Island Natural Park.

7.2 – National awards

Prize "Geoconservation 2011", attributed by ProGEO Portugal Association AMRAA - Association of the Azorean Municipalities.

7.3 – Other awards

In 2007, the National Geographic Traveler considered the archipelago as the "second best islands in the world for sustainable tourism".

In 2008, the publisher Lonely Planet indicated the Region as "one of the best destinations worldwide".

In 2010 the Forbes magazine distinguished the Azores as "one of the world's most unique travel destinations".

In 2010, the Sete Cidades Lake and the Pico Volcanic Landscape were considered two of the "7 Natural Wonders of Portugal", by public voting, integrated in the initiative of the New Seven Wonders Portugal.

In the year 2011, those prizes included the classification:

a) of the Azores, as "one of ten best destinations worldwide for summer", by the National Geographic Traveler;

b) of the walking trail of the Vineyards of Criação Velha, on Pico island, as "one of the eight best trails of the World", by the BootsnALL;

c) of Furnas, on São Miguel island, as "one of the five more appealing volcanic areas in the world", by the World Travel Guide;

d) of Pico island, as "one of the five best secret islands in the world", by the BBC Travel.

III. Information and Environmental Education

5.2 – Guided tours through a member organization

Some of the geoparks partners, such as "Os Montanheiros" and "Amigos dos Açores" associations, and the AZORINA S.A., provide guided tours for school groups, in volcanic caves and in geosites. The partner GeoFun also provide guided tours for schools, mainly in São Miguel Island.

5.4 – Limited group size

The guided tours to the volcanic caves provided by "Os Montanheiros" and "Amigos dos Açores" associations and by AZORINA S.A. are promoted with groups of 15 students per guide.

5.5 – Alternative available if tour is impossible due to bad weather conditions

In alternative of guided tours in the open air (e.g. walking trails and visit to belvederes and viewpoints), it is possible to provide guided tours to the Environmental Interpretation Centers, Science Centers, Museums and to the Volcanic Caves Visitors Centers.

5.6 – Programs for different ages

The Educational Programs of the Azores Geopark, work up a set of activities adjusted to schools curricula and designed for the different students levels, from kinder garden to secondary school. These activities are implemented in all the islands, at the aim of the "Ecotecas" activities, and are executed in collaboration with the Island Natural Parks and AZORINA S.A.. There are also educative programs promoted by the Museums and the Science Centers.

5.8 – Teacher training offered

The Educational Programs of the Azores Geopark include recycling actions and training actions on geoenviromental interpretation for technicians of the Island Natural Parks, the AZORINA S.A., teachers, guides and other professionals of the sector.

6.2 – Qualified experts in partner organization providing guided visits

Some of the partners, such us the Regional Network of Science Centers, the "Os Montanheiros" and "Amigos dos Açores" associations, the GeoFun company and the AZORINA S.A., have qualified experts (graduated in different areas such as Geology and Biology) to provide guided visits.

6.4 – Personal guides by partner organization

Some of the partners, such us the Regional Network of Science Centers, the "Os Montanheiros" and "Amigos dos Açores" associations, the GeoFun company and the AZORINA S.A., have personal guides to provide visits.

6.6 – Training courses for guides

To ensure the qualification of the guides, several training courses have been organized, namely to the guides of the Island Natural Parks, to the Pico Mountain hikers, to the Landscape of the Pico Island Vineyard Culture guides, and to guides of the Capelinhos Volcano Interpretation Center.

Under the scope of Nature Tourism and Geotourism, some workshops and short courses were organized in several islands and directed to tourism guides and other professionals of the sector.

IV. Geotourism

2.7 – Languages of the marketing material produced

There are brochures in English, German, Danish, Spanish, Finish, French, Dutch, Italian, Norwegian, Polish, Portuguese, Russian and Swedish.

http://www.visitazores.com/pt-pt/ata/brochures

V. Sustainable Regional Economy

5.3 – Other equipment and services regularly offered to support geotourism and interpretation

To ensure de adequate support to geotourism and interpretation activities the territory counts with a set of facilities, including a GeoBus, Jeep-safari and quads, boats, horses, kayaks, bicycles, etc.

Also, speleo gears, diving equipment, rock climbing walls and canyoning equipment can be provided by touristic companies.

The interpretation is mostly ensured by displays, muppies, panels and similar devices on visitor's centers, and merchandizing materials.