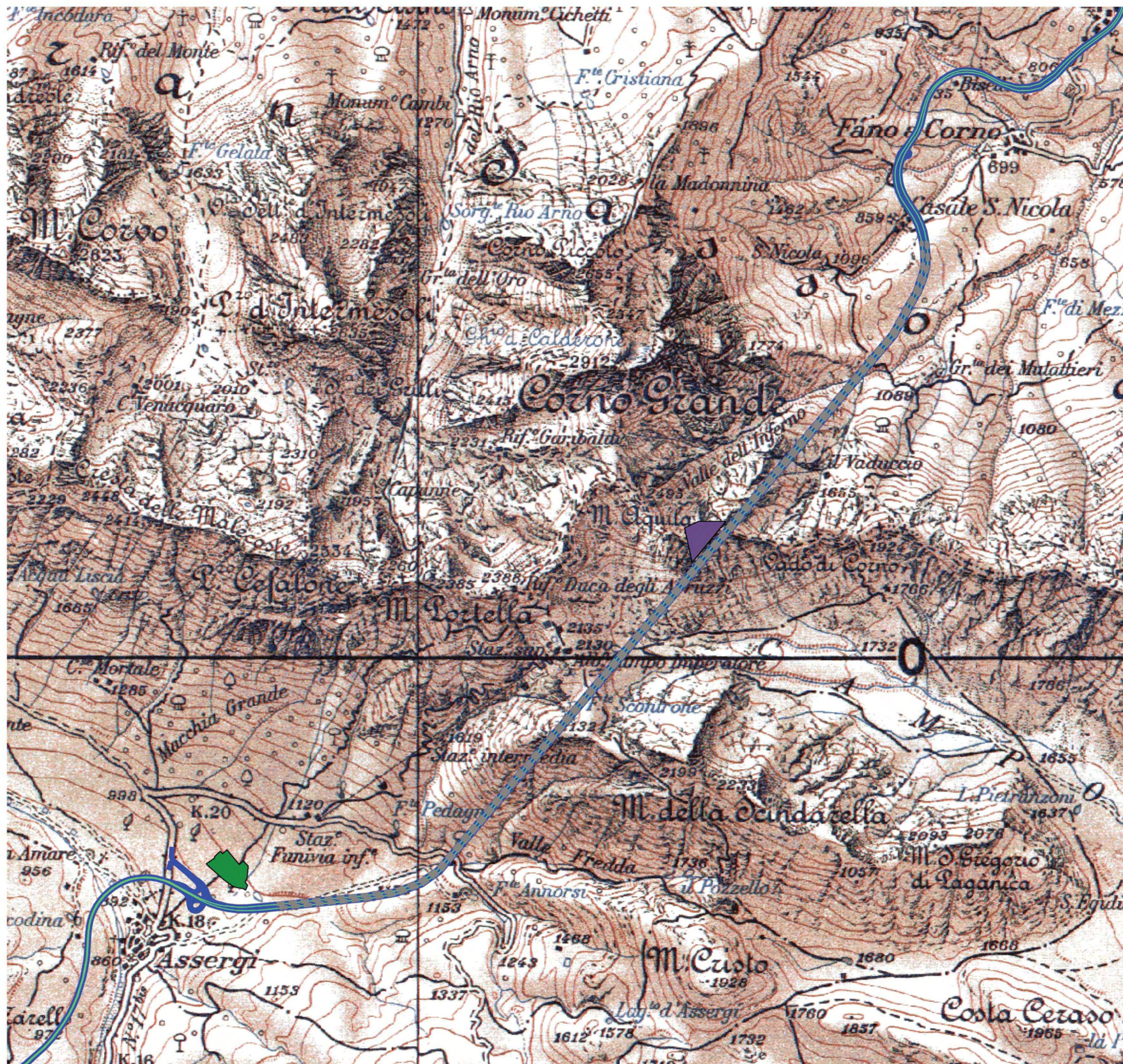


## ALLEGATO 1 – Tavola di inquadramento territoriale





**Legenda**

- Autostrade
- Galleria sinistra
- Galleria destra
- Laboratori esterni
- Laboratori sotterranei



BASE: CARTOGRAFIA I.G.M. 1:100.000  
 SERVIZIO WMS GEOPORTALE NAZIONALE

INFN - ISTITUTO NAZIONALE DI FISICA NUCLEARE  
 LABORATORI NAZIONALE DEL GRAN SASSO

PROGETTO DI ESPERIMENTO LUNA-MV

STUDIO PER VALUTAZIONE DI INCIDENZA AI SENSI  
 DEL D.P.R. 357/1997 E SUCCESSIVE MODIFICHE

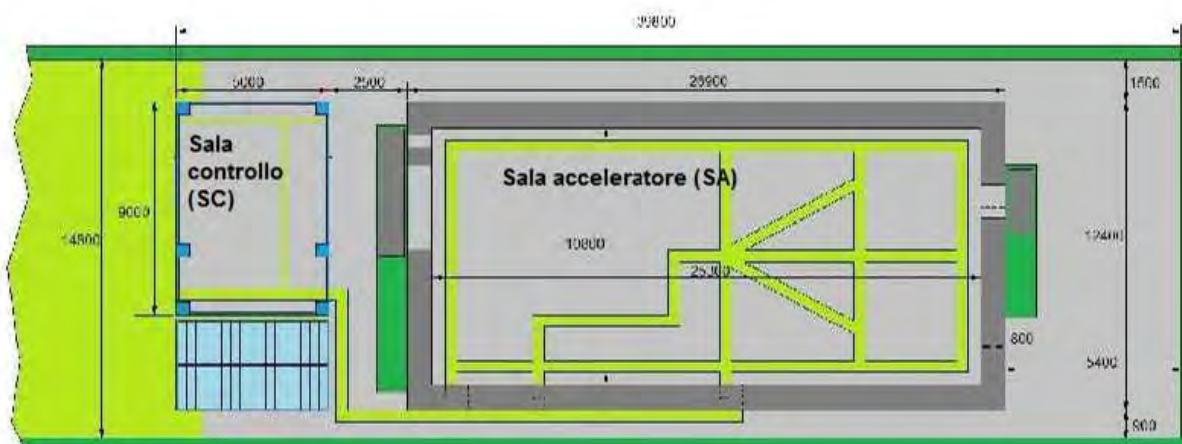
ALLEGATO 1 - TAVOLA DI INQUADRAMENTO  
 TERRITORIALE  
 REVISIONE 0 - 30 LUGLIO 2018

REDAZIONE: NIER INGEGNERIA S.P.A.

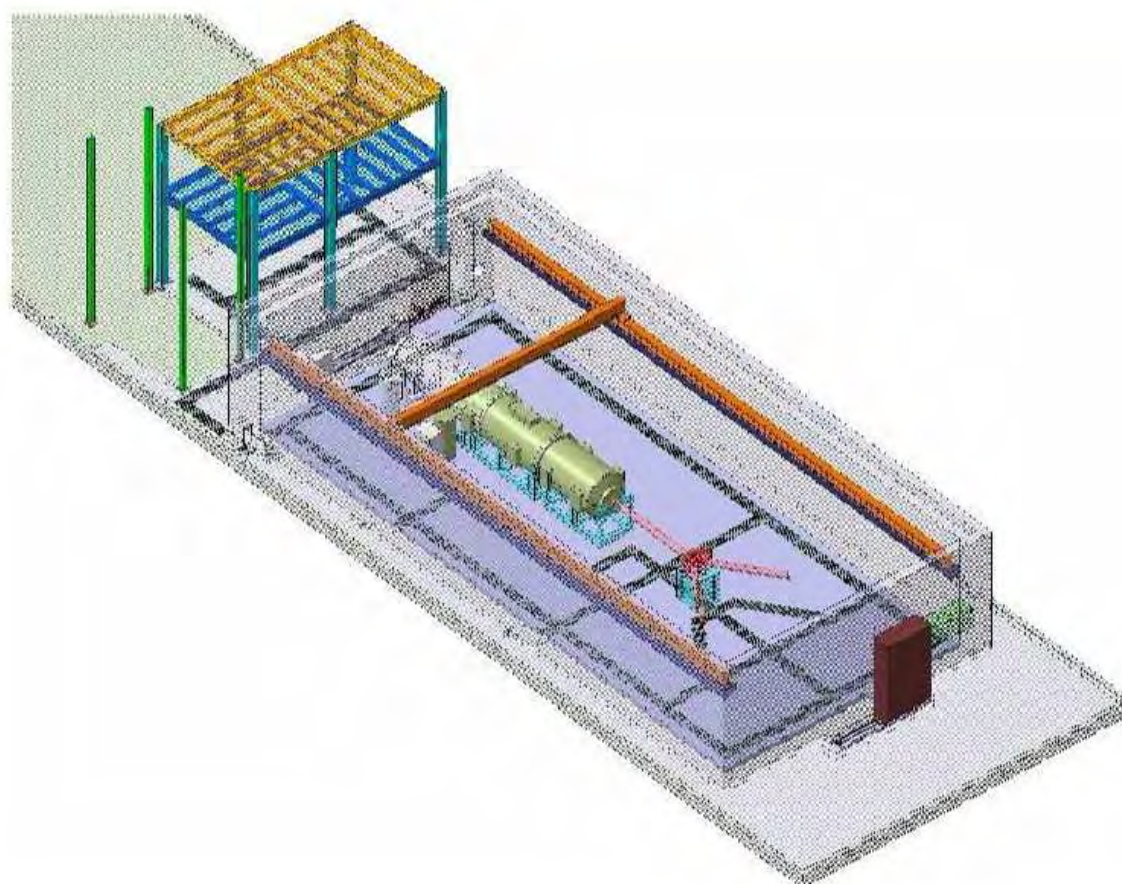


## ALLEGATO 2 – Layout dell’esperimento LUNA-MV

## Layout Sala B Nord con posizioni SC e SA



## Vista assometrica SA e SC

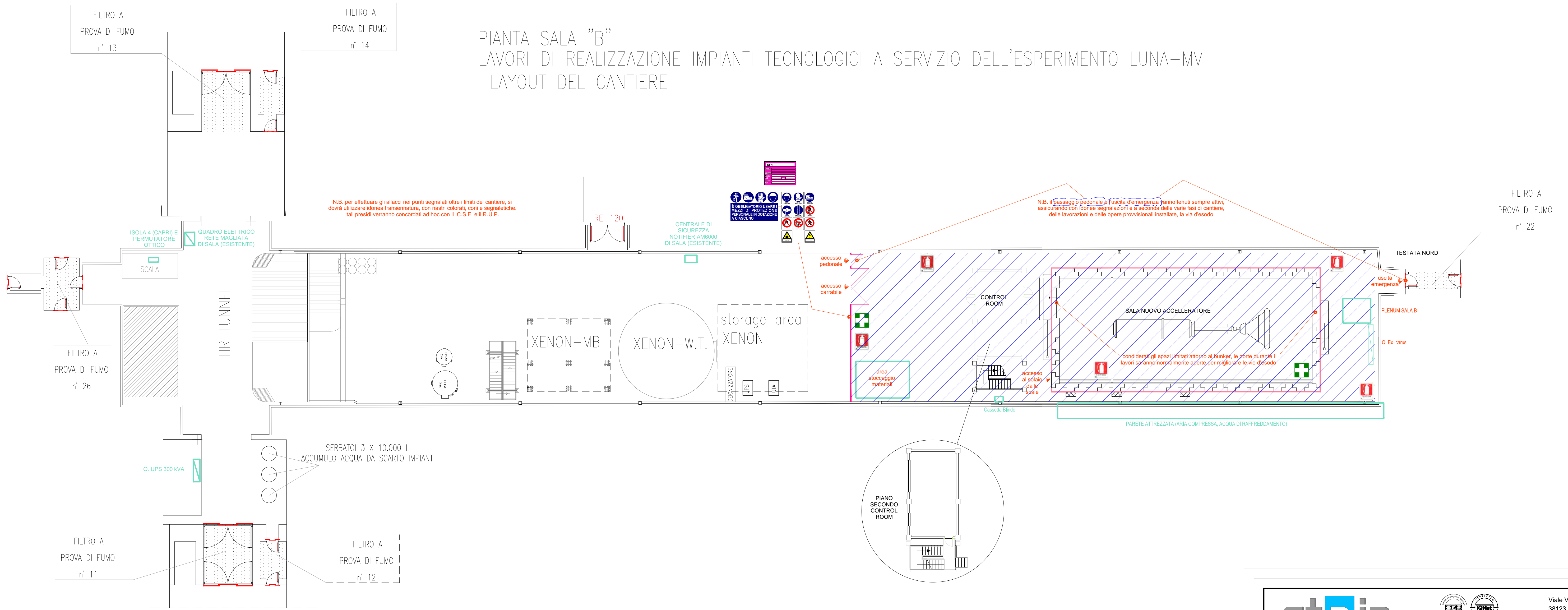




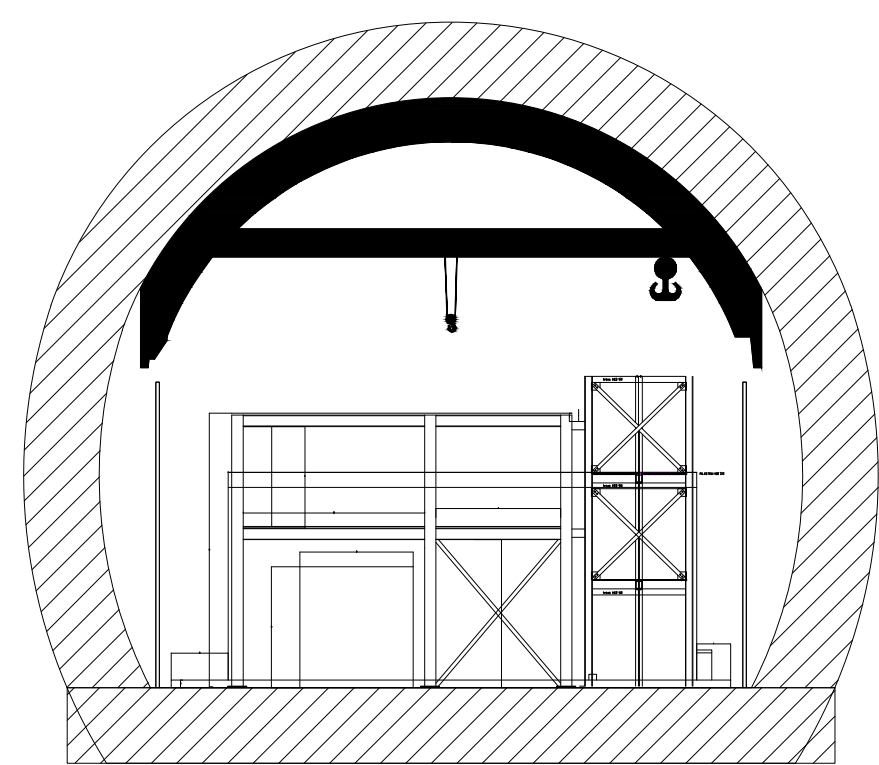
## ALLEGATO 3 – Layout di cantiere



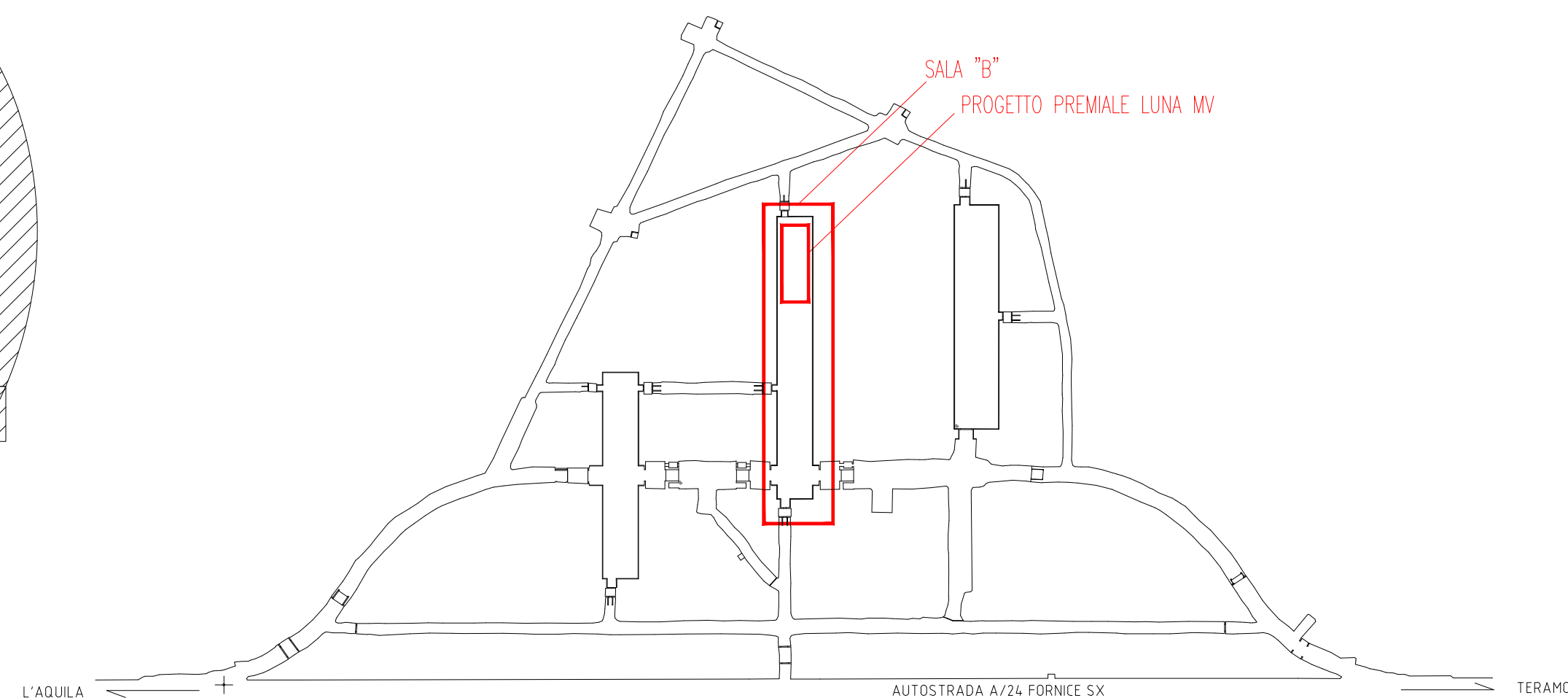
PIANTA SALA "B"  
LAVORI DI REALIZZAZIONE IMPIANTI TECNOLOGICI A SERVIZIO DELL'ESPERIMENTO LUNA-MV  
-LAYOUT DEL CANTIERE-



SEZIONE -scala 1:200-  
su control room



PLANIMETRIA LABORATORI  
-fuori scala-



**LEGENDA**

	Recinzione di cantiere
	Parapetto su solaio bunker
	Cassetta pronto soccorso
	Estintore
	Area del cantiere

**stain**  
Engineering s.r.l.

Viale Verona 190/14  
38123 TRENTO (ITALY)  
TEL. +39 0461 933546  
FAX +39 0461 398141  
E-MAIL info@stain.tn.it

COMMITTENTE:  
**ISTITUTO NAZIONALE DI FISICA NUCLEARE -  
LABORATORI NAZIONALI DEL GRAN SASSO**

PROGETTO:  
**Lavori di realizzazione degli impianti Tecnologici e  
Speciali a servizio dell'esperimeno premiale Luna  
MV dei Laboratori Nazionali del Gran Sasso**

FASE: **PROGETTO ESECUTIVO**

TITOLO:  
**Layout cantiere**

ST001	VARIE	4637	ST 001	00	E
NOME DEL FILE	SCALA	COMMESSA	CODICE	NUMERO	REV. FASE
5					
4					
3					
2					
1					
EMIS:	Marino P.	Marino P.	Danesi A.	EMMISSIONE	10/01/2018 00 E
AGG. DISEGN.	CONTR.	APPROV.	DESCRIZIONE	REVISIONE	DATA REV. EM

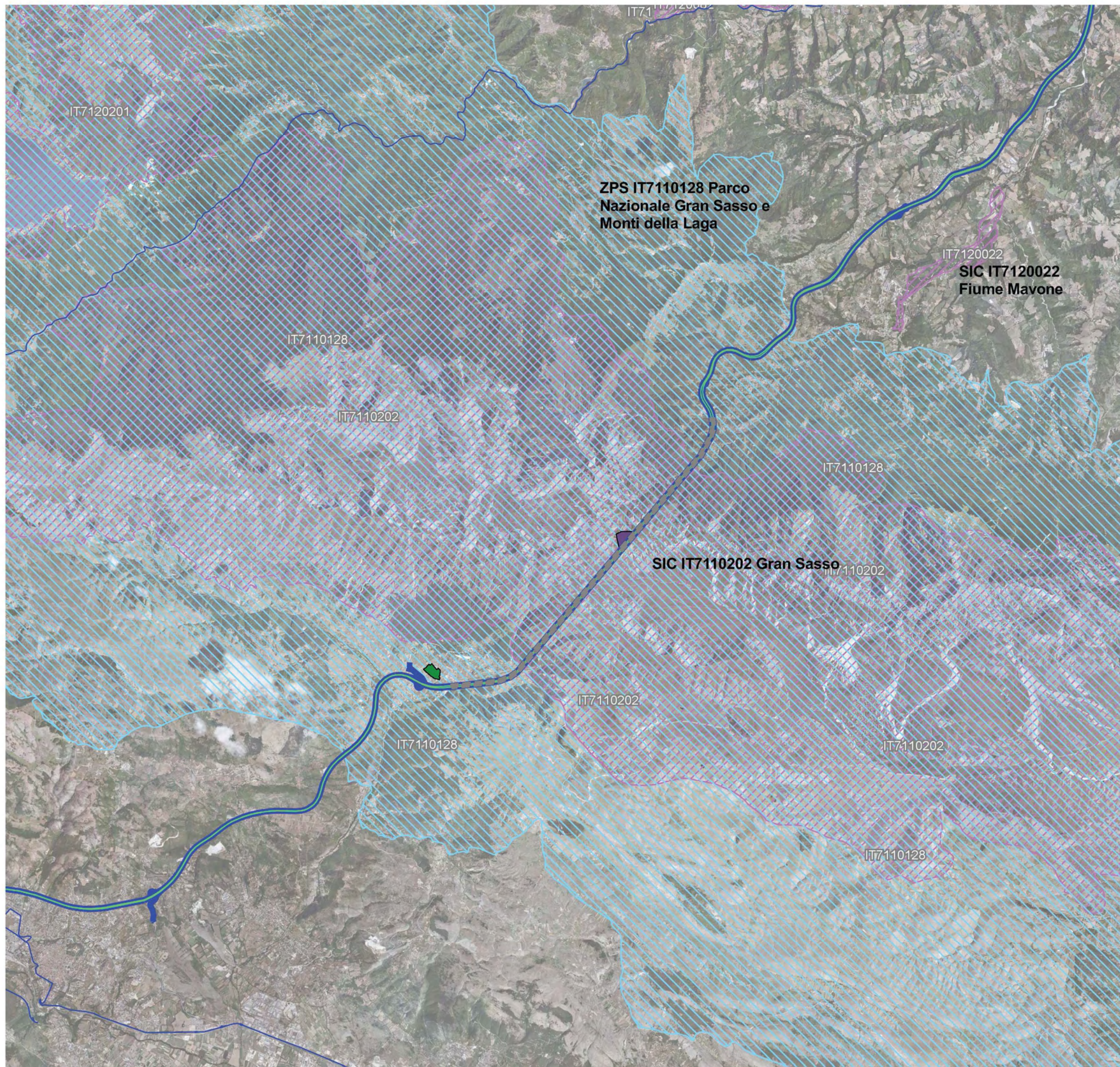
IL TECNICO:

Non e' permesso consegnare a terzi o riprodurre questo documento, ne' utilizzarne il contenuto o renderlo comunque noto a terzi senza nostra esplicita autorizzazione. Ogni infrazione comporta il risarcimento dei danni subiti. E' fatta riserva di tutti i diritti derivati da brevetti o modelli.



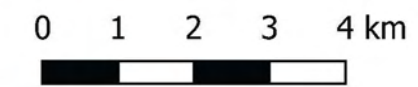
## ALLEGATO 4 – Tavola di inquadramento della Rete Natura 2000





### Legenda

- Autostrade
  
- Galleria sinistra
- Galleria destra
- Laboratori esterni
- Laboratori sotterranei
- Rete Natura 2000(SIC/ZSC e ZPS)
- SIC
- SIC/ZPS
- ZSC
- ZSC/ZPS
- ZPS
- SIC



BASE: ORTOFOTO 2012  
SERVIZIO WMS GEOPORTALE NAZIONALE

TEMATISMO RETE NATURA 2000:  
SERVIZIO WMS GEOPORTALE NAZIONALE

INFN - ISTITUTO NAZIONALE DI FISICA NUCLEARE  
LABORATORI NAZIONALE DEL GRAN SASSO

PROGETTO DI ESPERIMENTO LUNA-MV

STUDIO PER VALUTAZIONE DI INCIDENZA AI SENSI  
DEL D.P.R. 357/1997 E SUCCESSIVE MODIFICHE

ALLEGATO 4 - TAVOLA DI INQUADRAMENTO DELLA  
RETE NATURA 2000  
REVISIONE 0 - 30 LUGLIO 2018

REDAZIONE: NIER INGEGNERIA S.P.A.



## ALLEGATO 5 – Cartografia delle aree SIC/ZPS di interesse

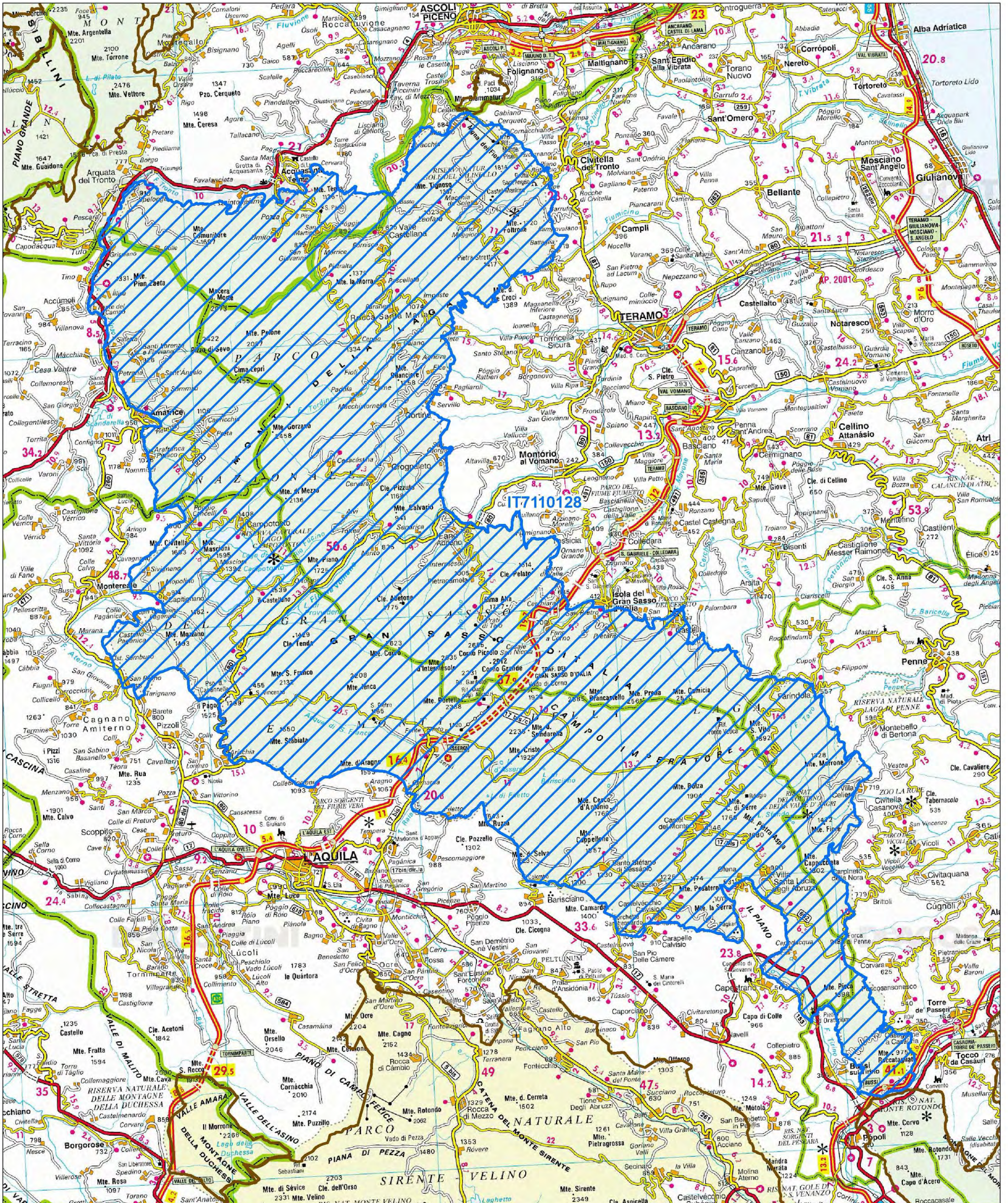


Regione: Abruzzo

Codice sito: IT7110128

Superficie (ha): 143311

Denominazione: Parco Nazionale Gran Sasso - Monti della Laga





Data di stampa: 29/11/2010

0.75 Km

Scala 1:250'000

**Legenda**

-  sito IT7110128
-  altri siti

Base cartografica: De Agostini 1:250'000





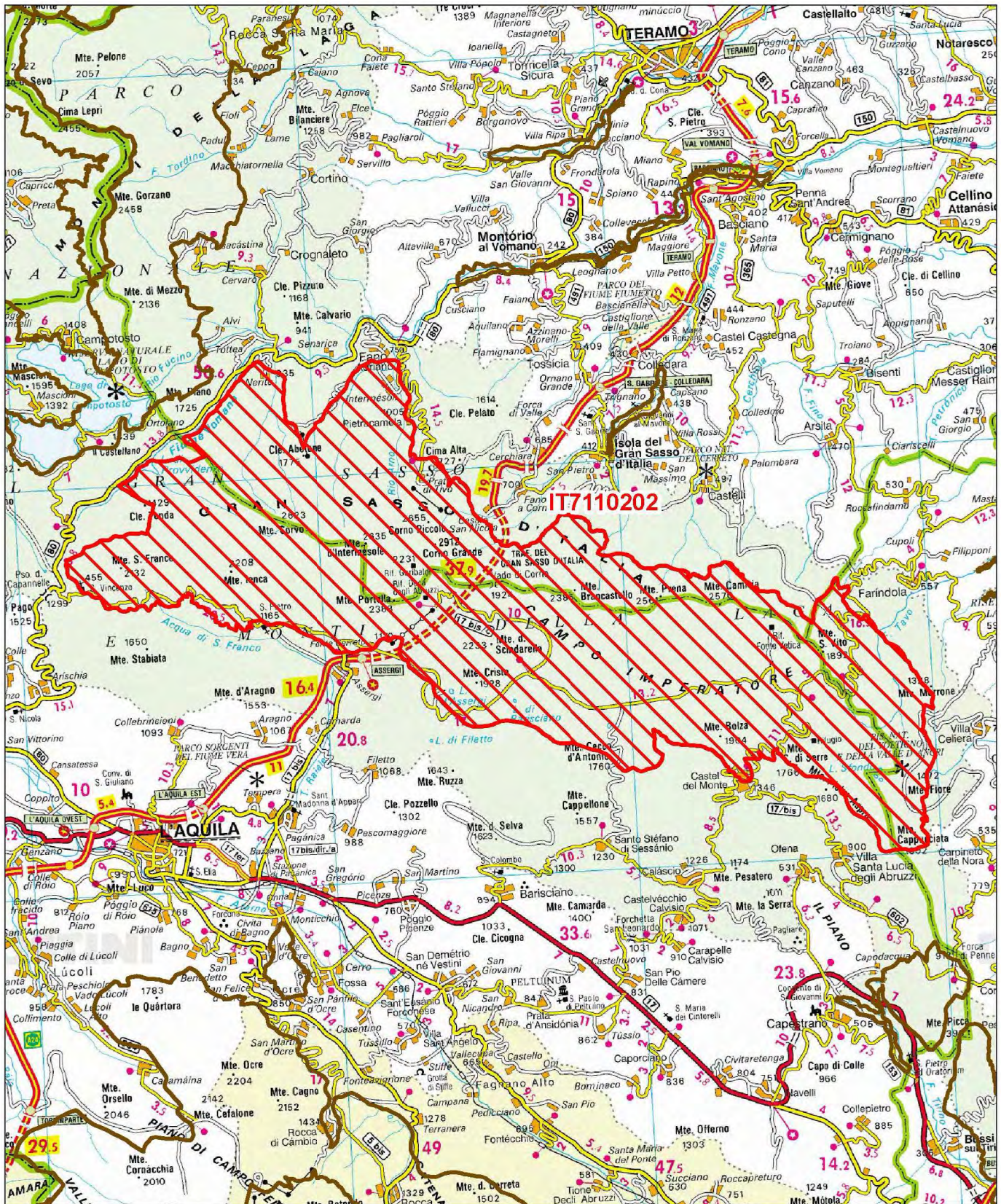


Regione: Abruzzo

Codice sito: IT7110202

Superficie (ha): 33995

Denominazione: Gran Sasso




Data di stampa: 06/12/2010

0 3 6 Km

Scala 1:250'000

**Legenda**

 sito IT7110202

 altri siti

Base cartografica: De Agostini 1:250'000





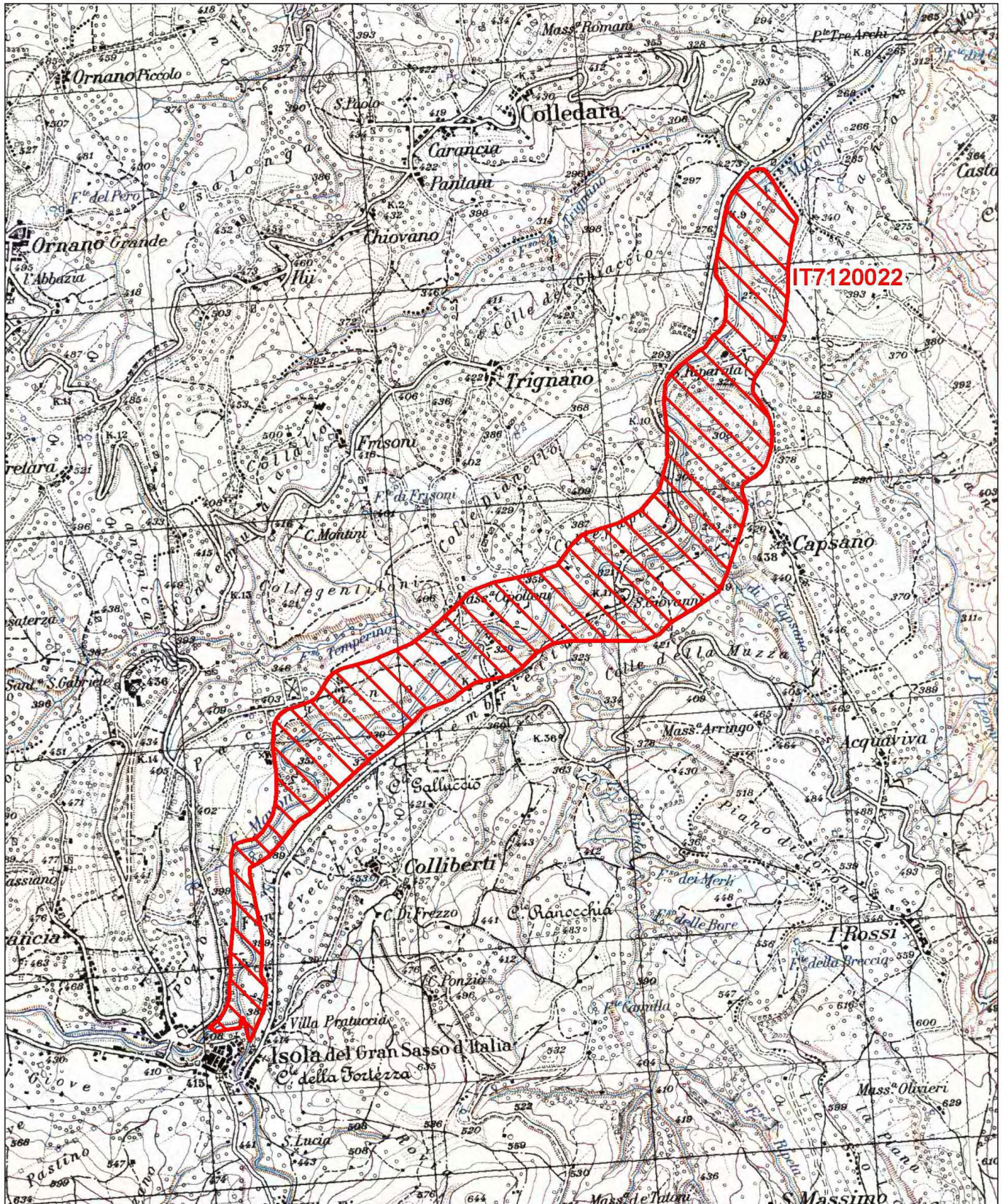


Regione: Abruzzo

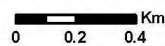
Codice sito: IT7120022

Superficie (ha): 160

Denominazione: Fiume Mavone




Data di stampa: 06/12/2010



Scala 1:25'000

**Legenda**

 sito IT7120022

 altri siti

Base cartografica: IGM 1:25'000





## ALLEGATO 6 – Formulari standard delle aree SIC/ZPS di interesse





# NATURA 2000 - STANDARD DATA FORM

For Special Protection Areas (SPA),  
Proposed Sites for Community Importance (pSCI),  
Sites of Community Importance (SCI) and  
for Special Areas of Conservation (SAC)

SITE IT7110128

SITENAME Parco Nazionale Gran Sasso - Monti della Laga

## TABLE OF CONTENTS

- [1. SITE IDENTIFICATION](#)
- [2. SITE LOCATION](#)
- [3. ECOLOGICAL INFORMATION](#)
- [4. SITE DESCRIPTION](#)
- [5. SITE PROTECTION STATUS](#)
- [6. SITE MANAGEMENT](#)
- [7. MAP OF THE SITE](#)

## 1. SITE IDENTIFICATION

<b>1.1 Type</b> A	<b>1.2 Site code</b> IT7110128	<a href="#">Back to top</a>
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### 1.3 Site name

Parco Nazionale Gran Sasso - Monti della Laga

<b>1.4 First Compilation date</b> 1997-01	<b>1.5 Update date</b> 2015-12
--	-----------------------------------

### 1.6 Respondent:

**Name/Organisation:** Regione Abruzzo Direzione Territorio, Urbanistica e beni Ambientali  
**Address:** Via L. Da Vinci, 1 67100 - L'AQUILA  
**Email:**

### 1.7 Site indication and designation / classification dates

<b>Date site classified as SPA:</b>	1988-10
<b>National legal reference of SPA designation</b>	No data

## 2. SITE LOCATION

### 2.1 Site-centre location [decimal degrees]:

[Back to top](#)

Longitude

Latitude



13.5720465504

42.4599698422

**2.2 Area [ha]:**

143311.0

**2.3 Marine area [%]**

0.0

**2.4 Sitelength [km]:**

0.0

**2.5 Administrative region code and name****NUTS level 2 code****Region Name**

ITF1	Abruzzo
------	---------

**2.6 Biogeographical Region(s)**Alpine (100.0  
%)**3. ECOLOGICAL INFORMATION**[Back to top](#)**3.1 Habitat types present on the site and assessment for them**

Annex I Habitat types						Site assessment			
Code	PF	NP	Cover [ha]	Cave [number]	Data quality	A B C D	A B C		
						Representativity	Relative Surface	Conservation	Global
3240			1433.11			C	C	B	B
3280			1433.11			D			
4060			2866.22			C	C	B	B
5130			1433.11			C	C	B	B
5210			1433.11			C	C	B	B
6110			2866.22			B	C	A	A
6170			5732.44			B	C	A	A
6210			35827.75			A	C	B	B
6220			4299.33			B	C	C	C
6230			1433.11			D			



8120		2866.22							C	C	B	B
8130		1433.11							D			
8210		2866.22							B	C	A	A
8220		1433.11							D			
8240		2866.22							B	C	A	A
8340		28.66							C	C	C	C
9180		1433.11							C	C	A	B
9210		10031.77							B	C	C	B
9220		1433.11							C	C	B	B
9260		2866.22							B	C	C	C
9340		1433.11							C	C	B	B

- **PF:** for the habitat types that can have a non-priority as well as a priority form (6210, 7130, 9430) enter "X" in the column PF to indicate the priority form.
- **NP:** in case that a habitat type no longer exists in the site enter: x (optional)
- **Cover:** decimal values can be entered
- **Caves:** for habitat types 8310, 8330 (caves) enter the number of caves if estimated surface is not available.
- **Data quality:** G = 'Good' (e.g. based on surveys); M = 'Moderate' (e.g. based on partial data with some extrapolation); P = 'Poor' (e.g. rough estimation)

### 3.2 Species referred to in Article 4 of Directive 2009/147/EC and listed in Annex II of Directive 92/43/EEC and site evaluation for them

Species			Population in the site							Site assessment				
G	Code	Scientific Name	S	NP	T	Size		Unit	Cat.	D.qual.	A B C D	A B C		
						Min	Max				Pop.	Con.	Iso.	Gl
P	1479	<a href="#">Adonis distorta</a>			p				R	DD	B	A	C	A
B	A229	<a href="#">Alcedo atthis</a>			c				P	DD	C	B	B	B
B	A229	<a href="#">Alcedo atthis</a>			r				P	DD	C	B	B	B
B	A412	<a href="#">Alectoris graeca saxatilis</a>			p	200	200	p		G	C	C	C	C
P	1630	<a href="#">Androsace mathildae</a>			p				V	DD	A	A	B	A
B	A255	<a href="#">Anthus campestris</a>			r				C	DD	C	B	C	B
B	A091	<a href="#">Aquila chrysaetos</a>			p	3	4	p		G	B	A	C	B
P	1558	<a href="#">Astragalus aquilanus</a>			p				R	G	B	A	A	B



I	1092	<a href="#">Austropotamobius pallipes</a>				p				R	DD	C	B	A	B
M	1308	<a href="#">Barbastella barbastellus</a>				r				R	DD	D			
F	1137	<a href="#">Barbus plebejus</a>				p				C	DD	B	B	B	B
F	1137	<a href="#">Barbus plebejus</a>				r				C	DD	B	B	B	B
A	5357	<a href="#">Bombina pachipus</a>				p				V	DD	D			
B	A215	<a href="#">Bubo bubo</a>				p	1	3	p		G	C	A	B	B
M	1352	<a href="#">Canis lupus</a>				r				R	DD	C	B	B	B
B	A224	<a href="#">Caprimulgus europaeus</a>				r	400	400	p		G	B	B	C	B
B	A139	<a href="#">Charadrius morinellus</a>				c				P	DD	C	A	C	B
F	5304	<a href="#">Cobitis bilineata</a>				p				C	DD	D			
B	A238	<a href="#">Dendrocopos medius</a>				p				R	DD	C	B	B	C
R	1279	<a href="#">Elaphe quatuorlineata</a>				p				V	DD	D			
B	A379	<a href="#">Emberiza hortulana</a>				r	150	150	p		G	C	C	C	C
I	1074	<a href="#">Eriogaster catax</a>				p				R	DD	C	B	A	B
I	1065	<a href="#">Euphydryas aurinia</a>				p				R	DD	B	B	B	B
B	A101	<a href="#">Falco biarmicus</a>				p	1	2	p		G	C	B	C	B
B	A103	<a href="#">Falco peregrinus</a>				p	10	15	p		G	C	B	C	B
B	A321	<a href="#">Ficedula albicollis</a>				r				P	DD	C	B	C	C
B	A338	<a href="#">Lanius collurio</a>				c				P	DD	C	B	C	B
B	A338	<a href="#">Lanius collurio</a>				r				P	DD	C	B	C	B
B	A246	<a href="#">Lullula arborea</a>				r				P	DD	C	B	C	B
B	A280	<a href="#">Monticola saxatilis</a>				r				R	DD	C	B	C	B
B	A358	<a href="#">Montifringilla nivalis</a>				p	80	150	p		G	C	A	C	A
I	1084	<a href="#">Osmoderma eremita</a>				p				V	DD	C	B	C	B
B	A357	<a href="#">Petronia petronia</a>				p				P	DD	C	A	C	A
B	A267	<a href="#">Prunella collaris</a>				p	150	150	p		G	C	A	C	A
B	A345	<a href="#">Pyrrhonorax graculus</a>				p	17	19	p		G	C	A	B	B
B	A346	<a href="#">Pyrrhonorax pyrrhonorax</a>				p	148	190	p		G	B	A	B	B
M	1304	<a href="#">Rhinolophus ferrumequinum</a>				p				V	DD	D			
M	1374	<a href="#">Rupicapra pyrenaica ornata</a>				p	33	33	i		G	B	A	A	A
F	1136	<a href="#">Rutilus rubilio</a>				p				C	DD	D			











A	1185	<a href="#">italicus</a>						V	X					
I		<a href="#">Stenobothrus apenninus</a>						R			X			
I		<a href="#">Sympetrum flaveolum</a>						R						X
I		<a href="#">Synapion falzonii</a>						R			X			
I		<a href="#">Trachysoma alpinum italocentralis</a>						R			X			
A	1168	<a href="#">Triturus italicus</a>						R	X					
I		<a href="#">Troglogryllus angelinii</a>						R			X			
I		<a href="#">Tropiphorus imperialis</a>						R						X

- **Group:** A = Amphibians, B = Birds, F = Fish, Fu = Fungi, I = Invertebrates, L = Lichens, M = Mammals, P = Plants, R = Reptiles
- **CODE:** for Birds, Annex IV and V species the code as provided in the reference portal should be used in addition to the scientific name
- **S:** in case that the data on species are sensitive and therefore have to be blocked for any public access enter: yes
- **NP:** in case that a species is no longer present in the site enter: x (optional)
- **Unit:** i = individuals, p = pairs or other units according to the standard list of population units and codes in accordance with Article 12 and 17 reporting, (see [reference portal](#))
- **Cat.:** Abundance categories: C = common, R = rare, V = very rare, P = present
- **Motivation categories:** **IV, V:** Annex Species (Habitats Directive), **A:** National Red List data; **B:** Endemics; **C:** International Conventions; **D:** other reasons

## 4. SITE DESCRIPTION

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### 4.1 General site character

Habitat class	% Cover
N15	5.0
N10	5.0
N11	5.0
N12	10.0
N20	2.0
N23	5.0
N16	20.0
N21	3.0
N22	3.0
N19	3.0
N08	10.0
N18	2.0
N07	1.0
N09	25.0
N06	1.0
<b>Total Habitat Cover</b>	<b>100</b>



## Other Site Characteristics

Il sito comprende tutta la catena del Gran Sasso e buona parte dei Monti della Laga; sono inclusi numerosi tipi di habitat e specie di grande interesse biologico.

## 4.2 Quality and importance

Eccellente la qualità ambientale dell'unità ambientale che presenta una ricchezza in termini di tipologie di habitat, una naturalità concentrata e popolazioni di specie di grande interesse per la comunità scientifica. La presenza anche di una zona umida continentale (Lago di Campotosto) aumenta la qualità ambientale della ZPS che è di notevole valore scientifico, didattico e paesaggistico.

## 5. SITE PROTECTION STATUS (optional)

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### 5.1 Designation types at national and regional level:

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT05	1.0	IT01	100.0	IT02	2.0

### 5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
IT01	Gran Sasso - Monti della Laga		100.0
IT05	SORGENTI E PRIMO TRATTO DEL FIUME TIRINO	*	1.0
IT02	ALTIPIANI E LAGO DI CAMPOTOSTO	*	2.0
IT01	Gran Sasso - Monti della Laga		100.0
IT02	ALTIPIANI E LAGO DI CAMPOTOSTO	*	2.0
IT05	SORGENTI E PRIMO TRATTO DEL FIUME TIRINO	*	1.0

## 6. SITE MANAGEMENT

[Back to top](#)

### 6.1 Body(ies) responsible for the site management:

Organisation:	Ente Parco nazionale Gran Sasso e Monti della Laga
Address:	
Email:	

### 6.2 Management Plan(s):

An actual management plan does exist:

<input type="checkbox"/>	Yes
<input checked="" type="checkbox"/>	No, but in preparation
<input type="checkbox"/>	No

## 7. MAP OF THE SITES

[Back to top](#)



INSPIRE ID:

Map delivered as PDF in electronic format (optional)

Yes  No

Reference(s) to the original map used for the digitalisation of the electronic boundaries (optional).

360 359 350 349 348 338 1:25000 Gauss-Boaga





# NATURA 2000 - STANDARD DATA FORM

For Special Protection Areas (SPA),  
Proposed Sites for Community Importance (pSCI),  
Sites of Community Importance (SCI) and  
for Special Areas of Conservation (SAC)

SITE IT7110202  
SITENAME Gran Sasso

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- [1. SITE IDENTIFICATION](#)
- [2. SITE LOCATION](#)
- [3. ECOLOGICAL INFORMATION](#)
- [4. SITE DESCRIPTION](#)
- [5. SITE PROTECTION STATUS](#)
- [6. SITE MANAGEMENT](#)
- [7. MAP OF THE SITE](#)

## 1. SITE IDENTIFICATION

<b>1.1 Type</b> B	<b>1.2 Site code</b> IT7110202	<a href="#">Back to top</a>
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### 1.3 Site name

Gran Sasso

<b>1.4 First Compilation date</b> 1995-04	<b>1.5 Update date</b> 2013-10
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### 1.6 Respondent:

**Name/Organisation:** Regione Abruzzo Direzione Territorio, Urbanistica e beni Ambientali  
**Address:** Via L. Da Vinci, 1 67100 - L'AQUILA  
**Email:**

<b>Date site proposed as SCI:</b>	1995-04
<b>Date site confirmed as SCI:</b>	No data
<b>Date site designated as SAC:</b>	No data
<b>National legal reference of SAC designation:</b>	No data

## 2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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6230			679.9					C		B	B	B
6510			339.95					C		C	B	B
7140			339.95					B		B	B	B
7230			339.95					D				
8120			1359.8					B		B	B	B
8130			339.95					C		B	A	B
8210			4419.35					B		A	A	B
8220			339.95					A		C	A	A
8240			1359.8					C		B	A	B
8310			339.95					B		C	B	B
8340			339.95					B		C	B	B
9180			339.95					C		C	B	B
91L0			339.95					B		C	B	B
9210			2379.65					B		B	B	B
9220			679.9					A		C	B	B
9260			339.95					B		C	B	B
9510			339.95					A		C	B	B

- **PF:** for the habitat types that can have a non-priority as well as a priority form (6210, 7130, 9430) enter "X" in the column PF to indicate the priority form.
- **NP:** in case that a habitat type no longer exists in the site enter: x (optional)
- **Cover:** decimal values can be entered
- **Caves:** for habitat types 8310, 8330 (caves) enter the number of caves if estimated surface is not available.
- **Data quality:** G = 'Good' (e.g. based on surveys); M = 'Moderate' (e.g. based on partial data with some extrapolation); P = 'Poor' (e.g. rough estimation)

### 3.2 Species referred to in Article 4 of Directive 2009/147/EC and listed in Annex II of Directive 92/43/EEC and site evaluation for them

Species				Population in the site							Site assessment			
G	Code	Scientific Name	S	NP	T	Size		Unit	Cat.	D.qual.	A B C D		A B C	
						Min	Max				Pop.	Con.	Iso.	Gl
P	1479	<a href="#">Adonis distorta</a>			p				R	DD	A	B	C	A



B	A412	<a href="#">Alectoris graeca saxatilis</a>			p	40	50	p		G	C	C	C	C
P	1630	<a href="#">Androsace mathildae</a>			p				R	DD	A	A	C	A
B	A255	<a href="#">Anthus campestris</a>			p	300	400	p		G	B	B	C	B
B	A091	<a href="#">Aquila chrysaetos</a>			p	2	2	p		G	C	B	C	C
I	1092	<a href="#">Austropotamobius pallipes</a>			p				P	DD	C	C	B	B
A	5357	<a href="#">Bombina pachipus</a>			p				V	DD	C	B	C	B
B	A215	<a href="#">Bubo bubo</a>			p				V	DD	C	C	C	C
P	1386	<a href="#">Buxbaumia viridis</a>			p				R	DD	C	B	C	B
M	1352	<a href="#">Canis lupus</a>			p	30	40	p		G	B	A	B	B
B	A364	<a href="#">Carduelis carduelis</a>								DD				
R	1279	<a href="#">Elaphe quatuorlineata</a>			p				R	DD	D			
B	A379	<a href="#">Emberiza hortulana</a>			r	15	20	p		G	C	C	C	C
I	1065	<a href="#">Euphydryas aurinia</a>			p				P	DD	B	B	B	B
B	A103	<a href="#">Falco peregrinus</a>			p	5	5	p		G	C	B	C	B
B	A321	<a href="#">Ficedula albicollis</a>			r				R	DD	C	C	B	C
B	A338	<a href="#">Lanius collurio</a>			r				R	DD	D			
B	A246	<a href="#">Lullula arborea</a>			r				R	DD	C	C	C	C
I	1062	<a href="#">Melanargia arge</a>			p				R	DD	C	B	A	C
B	A280	<a href="#">Monticola saxatilis</a>			r	30	60	i		G	C	B	C	C
B	A281	<a href="#">Monticola solitarius</a>								DD				
B	A358	<a href="#">Montifringilla nivalis</a>			p				C	DD				
B	A357	<a href="#">Petronia petronia</a>			p	50	50	p		G				
B	A267	<a href="#">Prunella collaris</a>			p	30	30	p		G				
B	A345	<a href="#">Pyrrhocorax graculus</a>			p	20	70	i		G				
B	A346	<a href="#">Pyrrhocorax pyrrhocorax</a>			p	350	550	i		G	A	B	B	A
M	1374	<a href="#">Rupicapra pyrenaica ornata</a>			p	100	100	i		G	B	A	B	B
F	1136	<a href="#">Rutilus rubilio</a>			p				C	DD	B	A	B	A
B	A275	<a href="#">Saxicola rubetra</a>			r	5	8	p		G	C	C	B	C
F	5331	<a href="#">Telestes muticellus</a>			p				R	DD	B	A	B	A
B	A333	<a href="#">Tichodroma muraria</a>			p	5	10	p		G				

A	1167	<a href="#">Triturus carnifex</a>			p				R	DD	C	B	C	B
M	1354	<a href="#">Ursus arctos</a>			p				V	DD	C	C	B	C
R	1298	<a href="#">Vipera ursinii</a>			p				V	DD	C	A	A	A

- **Group:** A = Amphibians, B = Birds, F = Fish, I = Invertebrates, M = Mammals, P = Plants, R = Reptiles
- **S:** in case that the data on species are sensitive and therefore have to be blocked for any public access enter: yes
- **NP:** in case that a species is no longer present in the site enter: x (optional)
- **Type:** p = permanent, r = reproducing, c = concentration, w = wintering (for plant and non-migratory species use permanent)
- **Unit:** i = individuals, p = pairs or other units according to the Standard list of population units and codes in accordance with Article 12 and 17 reporting (see [reference portal](#))
- **Abundance categories (Cat.):** C = common, R = rare, V = very rare, P = present - to fill if data are deficient (DD) or in addition to population size information
- **Data quality:** G = 'Good' (e.g. based on surveys); M = 'Moderate' (e.g. based on partial data with some extrapolation); P = 'Poor' (e.g. rough estimation); VP = 'Very poor' (use this category only, if not even a rough estimation of the population size can be made, in this case the fields for population size can remain empty, but the field "Abundance categories" has to be filled in)

### 3.3 Other important species of flora and fauna (optional)

Species			Population in the site				Motivation							
Group	CODE	Scientific Name	S	NP	Size		Unit	Cat.	Species Annex		Other categories			
					Min	Max		C R V P	IV	V	A	B	C	D
I		<a href="#">Amurophorus spinosus</a>						P						X
P		<a href="#">Androsace vitaliana</a>						R				X		
I		<a href="#">Aradus frigidus</a>						R						X
P	1763	<a href="#">Artemisia eriantha</a>						R		X				
P		<a href="#">Astrantia pauciflora tenorei</a>						R				X		
P		<a href="#">Bunium petraeum</a>						R				X		
I		<a href="#">Cantharis corvina</a>						P				X		
P		<a href="#">Carex rupestris</a>						R						X
P		<a href="#">Centaurea ambigua nigra</a>						R				X		
P		<a href="#">Cerastium thomasii</a>						R				X		
M		<a href="#">Chionomys nivalis</a>						C						X
I		<a href="#">Cychrus attenuatus latialis</a>						R			X			
P		<a href="#">Cymbalaria pallida</a>						R				X		
I		<a href="#">Decticus aprutianus</a>						C				X		
I		<a href="#">Decticus verrucivorus</a>						C						X



I		<a href="#">Deltomerus depressus depressus</a>						V			X		
I		<a href="#">Dichotrachelus variegatus</a>						R				X	
I		<a href="#">Ehippiger zelleri</a>						R				X	
I		<a href="#">Erebia euryale</a>						R					X
I		<a href="#">Erebia montana</a>						R					X
I		<a href="#">Forficula apennina</a>						R				X	
P		<a href="#">Gentiana magellensis</a>						R				X	
I		<a href="#">Gymnetron alboscuteclatum atratum</a>						R				X	
P		<b>HERNIARIA BORNMUELLERI CHAUDHRI</b>						V				X	
P		<b>ISATIS ALLIONII BALL</b>						R					X
I		<b>ISOTOMODES SEXSETOSUS PROVINCIALIS</b>						R				X	
I		<a href="#">ITALOPODISMA LAGREGAI</a>						V			X		
I		<a href="#">Leistus glacialis relictus</a>						V			X		
P		<a href="#">Leontopodium nivale</a>						R			X		
P		<a href="#">Leucanthemum tridactylites</a>						C				X	
P		<b>MALCOMIA ORSINIANA (TEN.) TEN.</b>						V			X		
I		<a href="#">Mannerheimia aprutiana</a>						V				X	
I		<a href="#">Meligethes oreophilus</a>						R					X
I		<b>METRIOPTERA CAPRAI</b>						R			X		
I		<b>NEBRIA JOCISHI</b>						R					X
I		<a href="#">Nebria orsinii orsinii</a>						R			X		
I		<b>NEOBISIUM FISCELLI</b>						R				X	
I		<a href="#">Neobisium osellai</a>						R				X	
I		<a href="#">Oreina viridis</a>						R					X
I		<a href="#">Otiorhynchus abruzzensis</a>						R			X		
I		<a href="#">Otiorhynchus porcellus</a>						R				X	

P		<a href="#">Papaver degeni</a>						R			X		
P		<a href="#">Papaver ernesti-mayeri</a>						R					X
I		<a href="#">Podisma goidanichi</a>						C			X		
P		<a href="#">Potentilla brauneana</a>						V					X
P		<a href="#">Potentilla fruticosa</a>						V		X			
I		<a href="#">Prosimulium latimucro</a>						R					X
I		<a href="#">Pseudochelidura orsinii</a>						C			X		
P		<a href="#">Ranunculus seguieri</a>						R					X
P		<a href="#">SALIX HERBACEA L.</a>						V					X
P		<a href="#">SAXIFRAGA EXARATA AMPULLACEA</a>						R			X		
P		<a href="#">SAXIFRAGA GLABELLA BERTOL.</a>						R					X
P		<a href="#">SAXIFRAGA ITALICA D.A. WEBB</a>						R			X		
P		<a href="#">SIBBALDIA PROCUMBENS L.</a>						R					X
I		<a href="#">Stenobothrus apenninus</a>						V			X		
P		<a href="#">TARAXACUM GLACIALE HUET EX HAND.-MAZZ.</a>						R		X			
P		<a href="#">THLASPI STYLOSUM (TEN.) MUTEL</a>						R			X		
I		<a href="#">TRACHYSOMA ALPINUM ITALOCENTRALIS</a>						R			X		
I		<a href="#">TRECHUS ITALICUS</a>						R		X			
P		<a href="#">Vaccinium myrtillus</a>						R					X
P		<a href="#">Viola magellensis</a>						R			X		

- **Group:** A = Amphibians, B = Birds, F = Fish, Fu = Fungi, I = Invertebrates, L = Lichens, M = Mammals, P = Plants, R = Reptiles
- **CODE:** for Birds, Annex IV and V species the code as provided in the reference portal should be used in addition to the scientific name
- **S:** in case that the data on species are sensitive and therefore have to be blocked for any public access enter: yes
- **NP:** in case that a species is no longer present in the site enter: x (optional)
- **Unit:** i = individuals, p = pairs or other units according to the standard list of population units and codes



- in accordance with Article 12 and 17 reporting, (see [reference portal](#))
- **Cat.:** Abundance categories: C = common, R = rare, V = very rare, P = present
  - **Motivation categories:** **IV, V:** Annex Species (Habitats Directive), **A:** National Red List data; **B:** Endemics; **C:** International Conventions; **D:** other reasons

## 4. SITE DESCRIPTION

### 4.1 General site character

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Habitat class	% Cover
N21	2.0
N06	1.0
N07	1.0
N11	19.0
N22	22.0
N10	2.0
N16	21.0
N23	5.0
N08	7.0
N09	20.0
<b>Total Habitat Cover</b>	<b>100</b>

#### Other Site Characteristics

Complessa morfologia comprendente valli glaciali con le più alti vatte dell'appennino. Vistosi fenomeni carsici con morfologie glaciali. Presenza dell'unico ghiacciaio dell'appennino. Presenti pascoli altitudinali e faggete. *Chionomys nivalis* è probabilmente specie separata

### 4.2 Quality and importance

Sito di elevata qualità ambientale per la ricchezza di habitat che determina la presenza di numerose specie endemiche che costituiscono anche indicatori ecologici. Le faggete sono ricche di specie rare e relictuali. Numerosi gli ecotoni. Presenza di sorgenti reocrene. Elevata la qualità ambientale e buona la qualità biologica dei corpi idrici. Presenza di una popolazione di *Rutilus* endemica non manipolata. Elevati valori scenici

## 5. SITE PROTECTION STATUS (optional)

### 5.1 Designation types at national and regional level:

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT01	100.0				

## 6. SITE MANAGEMENT

### 6.1 Body(ies) responsible for the site management:

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Organisation:	Ente Parco nazionale Gran Sasso e Monti della Laga
Address:	
Email:	

## 6.2 Management Plan(s):

An actual management plan does exist:

- Yes  
 No, but in preparation  
 No

## 7. MAP OF THE SITES

[Back to top](#)

INSPIRE ID:

Map delivered as PDF in electronic format (optional)

Yes  No

Reference(s) to the original map used for the digitalisation of the electronic boundaries (optional).

139-140 1:100000 Gauss -Boaga





# NATURA 2000 - STANDARD DATA FORM

For Special Protection Areas (SPA),  
Proposed Sites for Community Importance (pSCI),  
Sites of Community Importance (SCI) and  
for Special Areas of Conservation (SAC)

SITE IT7120022  
SITENAME Fiume Mavone

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- [2. SITE LOCATION](#)
- [3. ECOLOGICAL INFORMATION](#)
- [4. SITE DESCRIPTION](#)
- [5. SITE PROTECTION STATUS](#)
- [6. SITE MANAGEMENT](#)
- [7. MAP OF THE SITE](#)

## 1. SITE IDENTIFICATION

<b>1.1 Type</b> B	<b>1.2 Site code</b> IT7120022	<a href="#">Back to top</a>
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### 1.3 Site name

Fiume Mavone

<b>1.4 First Compilation date</b> 1995-05	<b>1.5 Update date</b> 2013-10
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### 1.6 Respondent:

**Name/Organisation:** Regione Abruzzo Direzione Territorio, Urbanistica e beni Ambientali  
**Address:** Via L. Da Vinci, 1 67100 - L'AQUILA  
**Email:**

<b>Date site proposed as SCI:</b>	1995-06
<b>Date site confirmed as SCI:</b>	No data
<b>Date site designated as SAC:</b>	No data
<b>National legal reference of SAC designation:</b>	No data

## 2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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**Longitude**  
13.682222222222

**Latitude**  
42.522222222222

**2.2 Area [ha]:**  
160.0

**2.3 Marine area [%]**  
0.0

**2.4 Sitelength [km]:**  
0.0

### 2.5 Administrative region code and name

**NUTS level 2 code**      **Region Name**

ITF1	Abruzzo
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### 2.6 Biogeographical Region(s)

Continental (100.0  
%)

## 3. ECOLOGICAL INFORMATION

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### 3.1 Habitat types present on the site and assessment for them

Annex I Habitat types						Site assessment			
Code	PF	NP	Cover [ha]	Cave [number]	Data quality	A B C D	A B C		
						Representativity	Relative Surface	Conservation	Global
3270					P	D			
3280			16.0			B	C	B	B
6430			4.8			C	C	B	B
91AA			28.8			B	C	B	B
92A0			32.0			B	C	B	B

- **PF:** for the habitat types that can have a non-priority as well as a priority form (6210, 7130, 9430) enter "X" in the column PF to indicate the priority form.
- **NP:** in case that a habitat type no longer exists in the site enter: x (optional)
- **Cover:** decimal values can be entered
- **Caves:** for habitat types 8310, 8330 (caves) enter the number of caves if estimated surface is not available.
- **Data quality:** G = 'Good' (e.g. based on surveys); M = 'Moderate' (e.g. based on partial data with some extrapolation); P = 'Poor' (e.g. rough estimation)



### 3.2 Species referred to in Article 4 of Directive 2009/147/EC and listed in Annex II of Directive 92/43/EEC and site evaluation for them

Species					Population in the site					Site assessment				
G	Code	Scientific Name	S	NP	T	Size		Unit	Cat.	D.qual.	A B C D		A B C	
						Min	Max				Pop.	Con.	Iso.	Glo.
A	5357	<a href="#">Bombina pachipus</a>			p				R	DD	C	B	C	B
R	1279	<a href="#">Elaphe quatuorlineata</a>			p				R	DD	D			
F	5331	<a href="#">Telestes muticellus</a>			p				R	DD	C	B	B	A
A	1167	<a href="#">Triturus carnifex</a>			p				R	DD	C	B	C	B

- **Group:** A = Amphibians, B = Birds, F = Fish, I = Invertebrates, M = Mammals, P = Plants, R = Reptiles
- **S:** in case that the data on species are sensitive and therefore have to be blocked for any public access enter: yes
- **NP:** in case that a species is no longer present in the site enter: x (optional)
- **Type:** p = permanent, r = reproducing, c = concentration, w = wintering (for plant and non-migratory species use permanent)
- **Unit:** i = individuals, p = pairs or other units according to the Standard list of population units and codes in accordance with Article 12 and 17 reporting (see [reference portal](#))
- **Abundance categories (Cat.):** C = common, R = rare, V = very rare, P = present - to fill if data are deficient (DD) or in addition to population size information
- **Data quality:** G = 'Good' (e.g. based on surveys); M = 'Moderate' (e.g. based on partial data with some extrapolation); P = 'Poor' (e.g. rough estimation); VP = 'Very poor' (use this category only, if not even a rough estimation of the population size can be made, in this case the fields for population size can remain empty, but the field "Abundance categories" has to be filled in)

### 3.3 Other important species of flora and fauna (optional)

Species					Population in the site				Motivation					
Group	CODE	Scientific Name	S	NP	Size		Unit	Cat.	Species Annex		Other categories			
					Min	Max		C R V P	IV	V	A	B	C	D
P		<a href="#">Salix apennina</a>						R				X		

- **Group:** A = Amphibians, B = Birds, F = Fish, Fu = Fungi, I = Invertebrates, L = Lichens, M = Mammals, P = Plants, R = Reptiles
- **CODE:** for Birds, Annex IV and V species the code as provided in the reference portal should be used in addition to the scientific name
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- **Cat.:** Abundance categories: C = common, R = rare, V = very rare, P = present
- **Motivation categories:** IV, V: Annex Species (Habitats Directive), A: National Red List data; B: Endemics; C: International Conventions; D: other reasons

## 4. SITE DESCRIPTION

#### 4.1 General site character

Habitat class	% Cover
N14	30.0
N09	30.0
N23	10.0
N06	30.0
<b>Total Habitat Cover</b>	<b>100</b>

#### Other Site Characteristics

Tratto medio di corso fluviale nella fascia pedemontana del versante settentrionale del Gran Sasso. Il fondovalle è caratterizzato dalla presenza di depositi alluvionali attuali (Olocene) e depositi alluvionali terrazzati antichi (Pleistocene medio-superiore), poggiati su un substrato costituito da argille marnose alternate a strati arenacei, riferibile alla formazione della Laga (Messiniano).

#### 4.2 Quality and importance

Segmento fluviale con alta qualità biologica delle acque e con habitat di sorgente che rappresentano zone di rifugio per popolazioni di specie animali e vegetali stenoterme fredde (Riserva biogenetica). E' presente una popolazione ben strutturata di Lasca (limite meridionale di Chondrostoma genei). Alta biodiversità di invertebrati acquatici. Alto valore paesaggistico.

### 5. SITE PROTECTION STATUS (optional)

#### 5.1 Designation types at national and regional level:

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT00	100.0				

### 6. SITE MANAGEMENT

#### 6.1 Body(ies) responsible for the site management:

Organisation:	Comune di Isola del Gran Sasso
Address:	
Email:	

#### 6.2 Management Plan(s):

An actual management plan does exist:

<input type="checkbox"/>	Yes
<input checked="" type="checkbox"/>	No, but in preparation
<input type="checkbox"/>	No

### 7. MAP OF THE SITES

INSPIRE ID:



Map delivered as PDF in electronic format (optional)

Yes  No

Reference(s) to the original map used for the digitalisation of the electronic boundaries (optional).

140 1:100000 Gauss -Boaga