



GIORNATA INFORMATIVA PROGETTO EMODNET GEOLOGY

INVENTARIO DELLE ATTIVITA' ESTRATTIVE
(WP7 – MINERALS)

MATTEO CONTI

WP7 – Mineral Resources (Coordinatore Geological Survey of Ireland)

- Produzione di elaborati cartografici contenenti informazioni su le risorse minerarie dei bacini marini. Le categorie contemplate sono le seguenti:
 - Aggregati
 - Idrocarburi
 - Gas idrati
 - Placers, fosforiti, evaporiti
 - Solfuri polimetallici
 - Noduli polimetallici
 - Cobalto
- Gli elaborati sono conformi agli standard INSPIRE, con proiezione WGS84, scala 1:250.000.
- L'informazione associata (tabella degli attributi) al dato è stata strutturata sulla base della Table of Contents redatta dal coordinatore del work package.

Table of Contents (Hydrocarbon)

Field	FIELDNAME	Format	Information
OBJECTID	FID	Number	Feature ID. An internally generated identification number for each feature. Automatically generated within shape file.
Shape	SHAPE	Geometry	Polygon
Code	CODE	Text (2)	Two letter country code, which corresponds to ISO3166- code http://www.iso.org/iso/english_country_names_and_code_elements e.g. FR, IE
Deposit Type	DEPOSIT_TY	Text (30)	Hydrocarbons -this exact wording must be entered in bold type
Deposit Sub Type	DEP_SUB_TY	Text (100)	Deposit sub type, e.g. oil, gas etc.
Quantitative Units	UNITS	Text (50)	Quantitative measurement of deposit
Status	STATUS	Text (250)	E.G. License, under exploration, production
Operator	OPERATOR	Text (250)	Operating company
Exploitation Type	EXPLOIT_TY	Text (250)	Production Method e.g. Platform
Block Name	BLOCK_NAME	Text (250)	Name of the block, concession or deposit area
Block Number	BLOCK_NO	Text (50)	Number of the block, concession or deposit area
Data Provider	DATA_PROVI	Text (150)	Name of organisation providing data
Data Provider Contact	DATA_CONT	Text (150)	The data providing organisation/institute contact details – email is required
Area Extent (Sq. Km)	AREA_KM2	Number (Double)(11,4)	Area of block
Host Rock Formation, Age	AGE	Text (250)	Host rock age & can include formation where available
Depth to Reservoir (m)	DEPTH_TO_R	Number (Double) (Double)(11,4)	Depth to reservoir from sea bed. In meters (m)
References	REFERENCES	Text (250)	DOI &/or Author, Year & Title. Or Link to PDF etc. If appropriate

Raccolta dati

Protocollo d'Intesa con il Ministero dello Sviluppo Economico

Dipartimento per l'Energia

Direzione Generale per le Risorse Minerarie ed Energetiche



(shapefile)

Istanze di permesso

Permessi

Istanze di concessione

Concessioni

Elaborazione dati – strutturazione tabella attributi

FID	Shape *	CODE	DEPOSIT TY	DEP SUB TY	UNITS	STATUS	OPERATOR	EXPLOIT TY	BLOCK NAME	BLOCK NO	DATA PROVI	DATA CONT	AREA KM2	AGE	DEPTH TO R	REFERENCES
74	Polygon	IT	Hydrocarbons			Application for exploration			d 59 F.R.-NP		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
75	Polygon	IT	Hydrocarbons			Application for exploration			d 60 F.R.-NP		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
76	Polygon	IT	Hydrocarbons			Application for exploration			d 505 B.R.-EL		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
77	Polygon	IT	Hydrocarbons			Application for exploration			d 503 B.R.-CS		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
78	Polygon	IT	Hydrocarbons			Application for exploration			d 28 G.R.-AG		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
79	Polygon	IT	Hydrocarbons			Application for exploration			d 86 F.R.-NP		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
80	Polygon	IT	Hydrocarbons			Application for exploration			d 85 F.R.-NP		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
81	Polygon	IT	Hydrocarbons			Application for exploration			d 359 C.R.-TU		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
82	Polygon	IT	Hydrocarbons			Application for exploration			d 74 F.R.-SH		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
83	Polygon	IT	Hydrocarbons			Application for exploration			d 494 B.R.-EL		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
84	Polygon	IT	Hydrocarbons			Application for exploration			d 363 C.R.-AX		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
85	Polygon	IT	Hydrocarbons			Application for exploration			d 73 F.R.-SH		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
86	Polygon	IT	Hydrocarbons			Application for exploration			d 61 F.R.-NP		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
87	Polygon	IT	Hydrocarbons			Application for exploration			d 33 G.R.-AG		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
88	Polygon	IT	Hydrocarbons			Application for exploration			d 79 F.R.-ENI		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
89	Polygon	IT	Hydrocarbons			Application for exploration			d 149 D.R.-NP		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
90	Polygon	IT	Hydrocarbons			Application for exploration			d 67 F.R.-AG		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
91	Polygon	IT	Hydrocarbons			Application for exploration			d 30 G.R.-NP		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
92	Polygon	IT	Hydrocarbons			Application for exploration			d 148 D.R.-CS		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
93	Polygon	IT	Hydrocarbons			Application for exploration			d 29 G.R.-NP		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
94	Polygon	IT	Hydrocarbons			Application for exploration			d 151 D.R.-EL		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
95	Polygon	IT	Hydrocarbons			Application for exploration			d 358 C.R.-EL		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
96	Polygon	IT	Hydrocarbons			Application for exploration			d 381 C.R.-TU		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
97	Polygon	IT	Hydrocarbons			Application for exploration			d 68 F.R.-TU		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
98	Polygon	IT	Hydrocarbons			Application for exploration			d 171 A.R.-AG		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
99	Polygon	IT	Hydrocarbons			Application for exploration			d 80 F.R.-GP		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
100	Polygon	IT	Hydrocarbons			Application for exploration			d 81 F.R.-GP		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
101	Polygon	IT	Hydrocarbons			Application for exploration			d 82 F.R.-GP		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
102	Polygon	IT	Hydrocarbons			Application for exploration			d 83 F.R.-GP		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
103	Polygon	IT	Hydrocarbons			Application for exploration			d 84 F.R.-EL		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
104	Polygon	IT	Hydrocarbons			Application for exploration			d 172 A.R.-AD		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
105	Polygon	IT	Hydrocarbons			Application for exploration			d 173 A.R.-AD		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
106	Polygon	IT	Hydrocarbons			Application for exploration			d 85 F.R.-GM		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
107	Polygon	IT	Hydrocarbons			Application for exploration			d 86 F.R.-GM		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
108	Polygon	IT	Hydrocarbons			Application for exploration			d 87 F.R.-GM		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
109	Polygon	IT	Hydrocarbons			Application for exploration			d 89 F.R.-GM		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
110	Polygon	IT	Hydrocarbons			Application for exploration			d 90 F.R.-GM		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
111	Polygon	IT	Hydrocarbons			Application for exploration			d 174 A.R.-EN		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
112	Polygon	IT	Hydrocarbons			Application for exploration			d 91 F.R.-GM		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
113	Polygon	IT	Hydrocarbons			Application for exploration			d 92 F.R.-EN		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
114	Polygon	IT	Hydrocarbons			Application for exploration			d 506 B.R.-EN		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
115	Polygon	IT	Hydrocarbons			Application for exploration			d 507 B.R.-EN		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
116	Polygon	IT	Hydrocarbons			Application for exploration			d 508 B.R.-EN		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
117	Polygon	IT	Hydrocarbons			Application for exploration			d 509 B.R.-EN		Economic Development Ministry	iliana.pane@mise.gov.it	0			0
66	Polygon	IT	Hydrocarbons			Application for production	ENI		d 26 B.C.-AG		Economic Development Ministry	iliana.pane@mise.gov.it	58.84			0
67	Polygon	IT	Hydrocarbons			Application for production	AGIP		d 23 A.C.-AG		Economic Development Ministry	iliana.pane@mise.gov.it	58.32			0
68	Polygon	IT	Hydrocarbons			Application for production	ENI, EDISON		d 1 G.C.-AG		Economic Development Ministry	iliana.pane@mise.gov.it	171.7			0
69	Polygon	IT	Hydrocarbons			Application for production	AGIP, TOTAL ITALIA, STARGAS ITALIA		d 35 A.C.-AG		Economic Development Ministry	iliana.pane@mise.gov.it	144.17			0
70	Polygon	IT	Hydrocarbons			Application for production	ENI		d 39 A.C.-EA		Economic Development Ministry	iliana.pane@mise.gov.it	103.6			0
71	Polygon	IT	Hydrocarbons			Application for production	ENI		d 6 F.C.-AG		Economic Development Ministry	iliana.pane@mise.gov.it	76.69			0
72	Polygon	IT	Hydrocarbons			Application for production	ROCKHOPPER ITALIA		d 30 B.C.-MD		Economic Development Ministry	iliana.pane@mise.gov.it	109.2			0
73	Polygon	IT	Hydrocarbons			Application for production	ENI, EDISON		d 2 G.C.-AG		Economic Development Ministry	iliana.pane@mise.gov.it	142.6			0
118	Polygon	IT	Hydrocarbons			Exploration			A.R 80 AG	566	Economic Development Ministry	iliana.pane@mise.gov.it	0			0
119	Polygon	IT	Hydrocarbons			Exploration			A.R 81 FR	570	Economic Development Ministry	iliana.pane@mise.gov.it	0			0
120	Polygon	IT	Hydrocarbons			Exploration			A.R 87 AG	676	Economic Development Ministry	iliana.pane@mise.gov.it	0			0
121	Polygon	IT	Hydrocarbons			Exploration			A.R 91 EA	638	Economic Development Ministry	iliana.pane@mise.gov.it	0			0
122	Polygon	IT	Hydrocarbons			Exploration			A.R 92 EA	639	Economic Development Ministry	iliana.pane@mise.gov.it	0			0
123	Polygon	IT	Hydrocarbons			Exploration			A.R 93 EA	640	Economic Development Ministry	iliana.pane@mise.gov.it	0			0
124	Polygon	IT	Hydrocarbons			Exploration			A.R 78 RC	549	Economic Development Ministry	iliana.pane@mise.gov.it	0			0
125	Polygon	IT	Hydrocarbons			Exploration			C.R146 NP	668	Economic Development Ministry	iliana.pane@mise.gov.it	0			0
126	Polygon	IT	Hydrocarbons			Exploration			B.R268 RG	671	Economic Development Ministry	iliana.pane@mise.gov.it	0			0
127	Polygon	IT	Hydrocarbons			Exploration			C.R148 VG	676	Economic Development Ministry	iliana.pane@mise.gov.it	0			0
128	Polygon	IT	Hydrocarbons			Exploration			F.R 39 NP	680	Economic Development Ministry	iliana.pane@mise.gov.it	0			0
129	Polygon	IT	Hydrocarbons			Exploration			F.R 40 NP	681	Economic Development Ministry	iliana.pane@mise.gov.it	0			0
130	Polygon	IT	Hydrocarbons			Exploration			B.R270 EL	2001	Economic Development Ministry	iliana.pane@mise.gov.it	0			0
131	Polygon	IT	Hydrocarbons			Exploration			B.R272 EL	2004	Economic Development Ministry	iliana.pane@mise.gov.it	0			0
132	Polygon	IT	Hydrocarbons			Exploration			C.R149 NP	2132	Economic Development Ministry	iliana.pane@mise.gov.it	0			0
133	Polygon	IT	Hydrocarbons			Exploration			D.R 74 AP	2005	Economic Development Ministry	iliana.pane@mise.gov.it	0			0
134	Polygon	IT	Hydrocarbons			Exploration			G.R 13 AG	657	Economic Development Ministry	iliana.pane@mise.gov.it	0			0
135	Polygon	IT	Hydrocarbons			Exploration			G.R 14 AG	658	Economic Development Ministry	iliana.pane@mise.gov.it	0			0
136	Polygon	IT	Hydrocarbons			Exploration			R 94 PY	2003	Economic Development Ministry	iliana.pane@mise.gov.it	0			0
137	Polygon	IT	Hydrocarbons			Exploration			B.R273 EN	5528	Economic Development Ministry	iliana.pane@mise.gov.it	0			0
138	Polygon	IT	Hydrocarbons			Exploration			G.R 15 PU	667	Economic Development Ministry	iliana.pane@mise.gov.it	0			0
140	Polygon	IT	Hydrocarbons			Exploration			B.R271 EL	2002	Economic Development Ministry	iliana.pane@mise.gov.it	0			0
0	Polygon	IT	Hydrocarbons	Gas, gasolina		Production	ENI	Platform, oil well	AC1AG	958	Economic Development Ministry	iliana.pane@mise.gov.it	152.94			0
1	Polygon	IT	Hydrocarbons	Gas		Production	ENI	Platform, oil well	AC12AG	984	Economic Development Ministry	iliana.pane@mise.gov.it	143.75			0

Elaborazione dati – strutturazione tabella attributi

FID	Shape *	CODE	DEPOSIT_TY	DEP_SUB_TY	UNITS	STATUS	OPERATOR	EXPLOIT_TY	
22	Polygon	IT	Hydrocarbons	Gas, gasolina		Production	ENI	Platform, oil well	
23	Polygon	IT	Hydrocarbons	Gas, gasolina		Production	ENI	Platform, oil well	
24	Polygon	IT	Hydrocarbons	Gas, gasolina		Production	ENI	Platform, oil well	
25	Polygon	IT	Hydrocarbons	Gas, gasolina		Production	ENI, EDISON	Platform, oil well	
26	Polygon	IT	Hydrocarbons	not-productive		Production	ENI	Platform, oil well	
27	Polygon	IT	Hydrocarbons	Gas		Production	ADRIATICA IDROCARBURI, EDISON	Platform, oil well	
28	Polygon	IT	Hydrocarbons	not-productive		Production	ENI, EDISON		
29	Polygon	IT	Hydrocarbons	not-productive		Production	ADRIATICA IDROCARBURI, EDISON		
30	Polygon	IT	Hydrocarbons	Gas		Production	ENI, EDISON	Platform, oil well	
31	Polygon	IT	Hydrocarbons	Gas		Production	ADRIATICA IDROCARBURI	Platform, oil well	
32	Polygon	IT	Hydrocarbons	Gas		Production	ENI	Platform, oil well	
33	Polygon	IT	BLOCK_NAME	BLOCK	DATA_PROVI	DATA_CONT	AREA_KM	AGE	DEPTH_TO_R
34	Polygon	IT	AC4AS	960	Economic Development Ministry	liliana.panei@mise.gov.it	23,87		0
35	Polygon	IT	AC5AV	964	Economic Development Ministry	liliana.panei@mise.gov.it	19,16		0
36	Polygon	IT	AC6AS	967	Economic Development Ministry	liliana.panei@mise.gov.it	33,37		0
37	Polygon	IT	AC8ME	970	Economic Development Ministry	liliana.panei@mise.gov.it	51,27		0
38	Polygon	IT	AC9AG	978	Economic Development Ministry	liliana.panei@mise.gov.it	138,59		0
39	Polygon	IT	BC10AS	977	Economic Development Ministry	liliana.panei@mise.gov.it	216,85		0
			BC11AS	979	Economic Development Ministry	liliana.panei@mise.gov.it	177,59		0
			BC12AS	988	Economic Development Ministry	liliana.panei@mise.gov.it	223,1		0
			BC14AS	987	Economic Development Ministry	liliana.panei@mise.gov.it	228,24		0
			BC15AV	993	Economic Development Ministry	liliana.panei@mise.gov.it	168,79		0
			BC18RI	997	Economic Development Ministry	liliana.panei@mise.gov.it	74,43		0
			BC2LF	957	Economic Development Ministry	liliana.panei@mise.gov.it	38,07		0
			BC20AS	1002	Economic Development Ministry	liliana.panei@mise.gov.it	82,21		0
			BC21AG	1007	Economic Development Ministry	liliana.panei@mise.gov.it	82,88		0
			BC3AS	961	Economic Development Ministry	liliana.panei@mise.gov.it	221,69		0
			BC4AS	962	Economic Development Ministry	liliana.panei@mise.gov.it	147,17		0
			BC5AS	966	Economic Development Ministry	liliana.panei@mise.gov.it	98,35		0
			BC7LF	968	Economic Development Ministry	liliana.panei@mise.gov.it	201		0

Elaborazione dati – Legenda e status della concessione

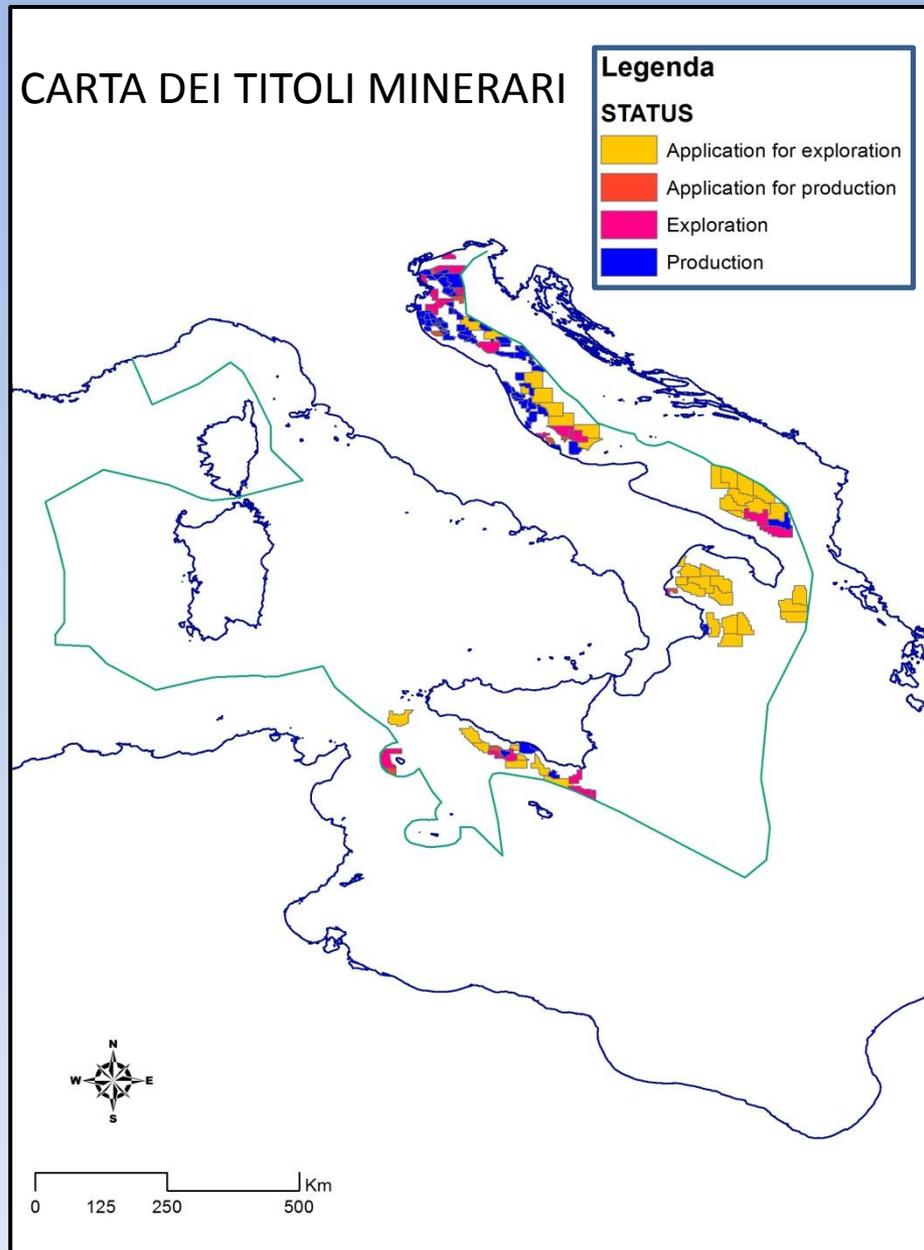
Legenda

- Pozzi
- Piattaforme

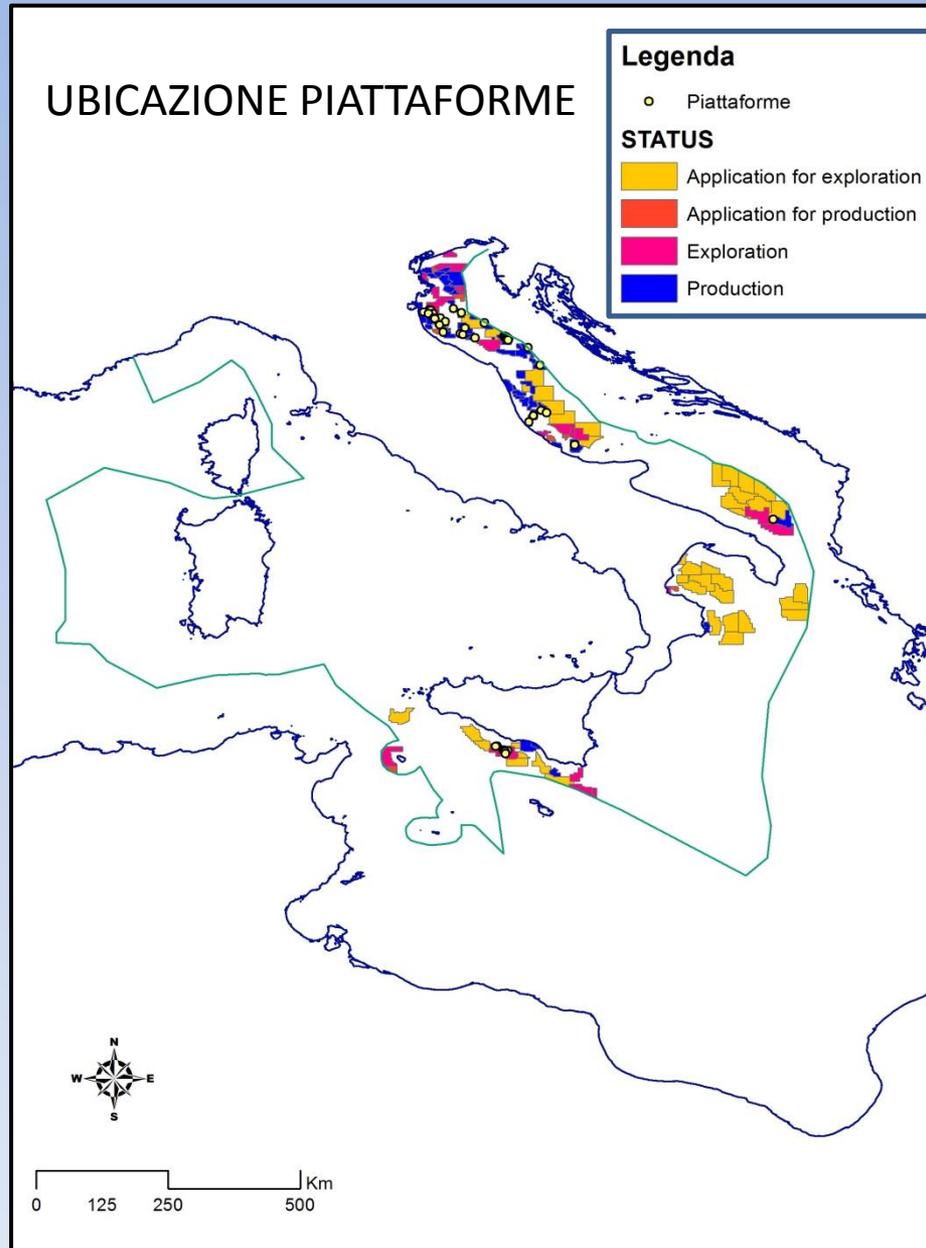
STATUS

	Application for exploration	➡	Istanza di permesso (nessuna attività)
	Exploration	➡	Permesso (Sismica e una perforazione)
	Application for production	➡	Istanza di concessione (Intensificazione Indagini)
	Production	➡	Concessione (Attività estrattiva)

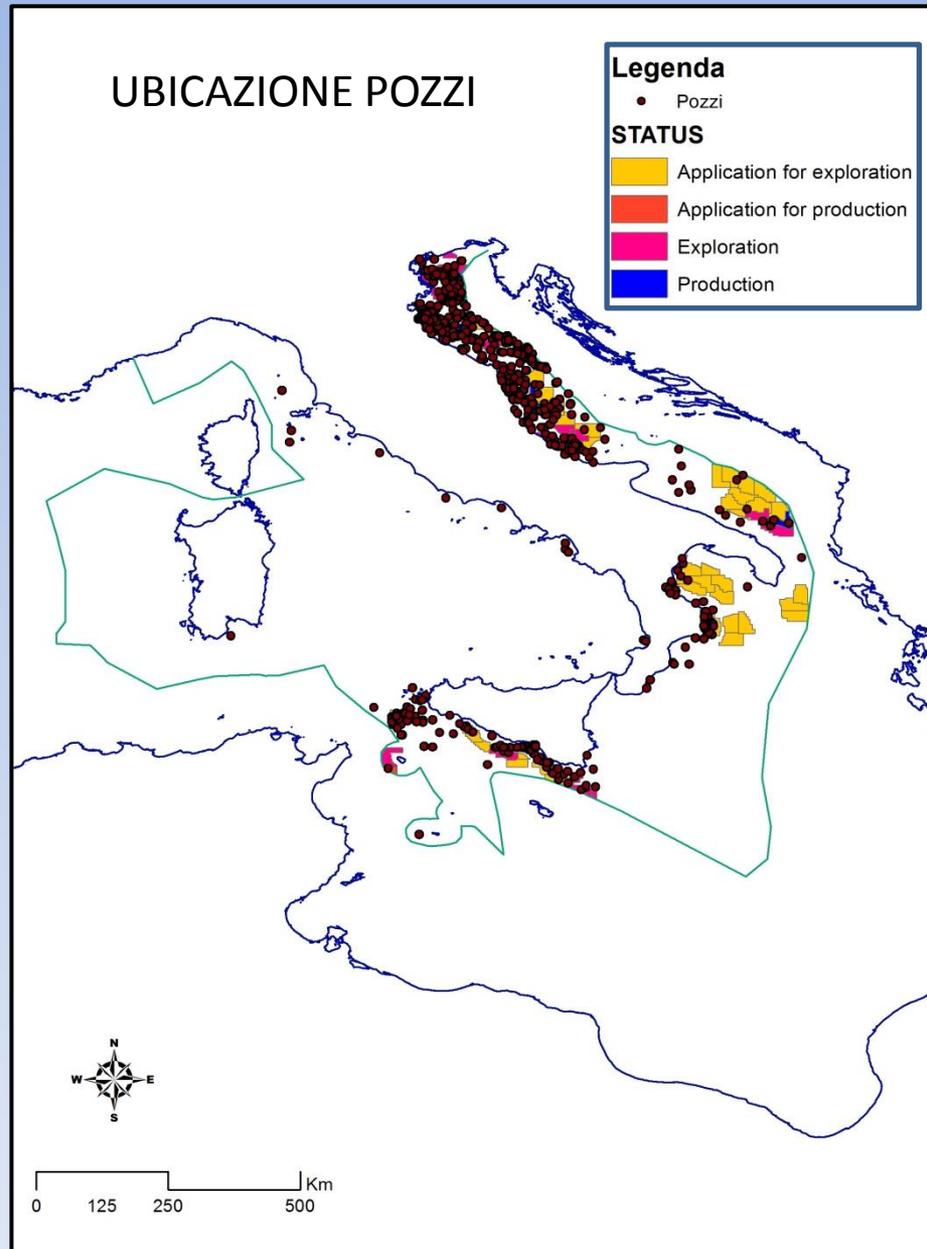
Risultati



Risultati



Risultati



Attività future

- Approfondire le informazioni inerenti i depositi di idrocarburi in mare (caratteristiche geologiche dei depositi, profondità, indicazione sulla capacità del deposito).
- Sviluppare la parte inerente gli Aggregati, in particolare i depositi sabbiosi, secondo i data format di progetto.

GRAZIE!

