



MINLEX - Italy Country Report

This version has been extracted from MINLEX 's Final Report

UPDATED IN 2019



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This project has received funding from the European Commission under Contract n° SI 2.717317



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1. ITALY

1.1. Summary of findings

Extraction of non-energy minerals in Italy is mostly focused on industrial and construction minerals such as bentonite, bleaching earth, limestone, marble, granite, clay, sand, gravel, travertine and ceramic minerals (feldspar, kaolin, refractory). Nowadays there are nearly 4,900 active quarries, a quarter of which are concentrated in only two regions (Lombardy and Veneto) which together have on their territories more than 1,000 authorised quarries. The Emilia-Romagna region is important in Italy in the extraction of clay (largest producing region in the country with one fifth of the clay extracted in Italy) and gravel and sand (4th largest producing region in 2013 after Lombardia, Piemonte and Veneto). Italy's metal-extracting sector is very limited, as most of the mines in Italy are now closed. Significant deposits of mercury (as cinnabar) are present but not extracted anymore on Mount Amiata (Tuscany Region) and fluorine minerals are extracted in Val Trompia (Lombardia), Trentino and Sardinian mines of Silius. The iron mines (present in Cogne, Valle d'Aosta, on the islands of Elba and Sardinia) have been abandoned due to the low concentration of iron and high production costs. Updated national data are available by the National Statistic Office ISTAT.

The primary legal basic of mineral extraction activity in Italy is the Mining Law (Royal Decree) No. 1443 of 1927 which divides minerals into two categories (Art. 2): "first" and "second" category. "*First category minerals*" are state-owned; they include energy minerals (except peat), metallic ores, non-metallic ores of significant industrial importance such as salt and potash, barites and fluorspar, gemstones, garnet, corundum, leucite, fluorite, barium and strontium minerals, talc, asbestos, cement marl and lithographic stones. Rights to marine sand and gravel also belong to the national Italian State. "*Second category minerals*" are extracted in quarries and include peat, materials for building, road and hydraulic constructions (except marl for cement), quartz and silica sand, molar stones, sandstone, igneous rock, limestone, chalk and dolomite, sand and gravel, silica sand, common clay, and other industrial minerals not included in the "first category minerals". They are property of the land owner. **With the Legislative Decree no. 616/77 (related to second category minerals), the Legislative Decree 112/98 and the Constitutional Law 3/2001 (related to first category minerals) competences related to planning and management, including permitting, passed from the national State to the Regions.**

Other important national laws in Italy are Presidential Decree 128/59 (Police rules for mining and quarrying), Legislative Decree 152/06 (legislative framework applicable to all matters concerning environmental protection including EIA, SEA and IPPC), the Law of 23 December 2000 no. 388, Art. 114, which provides a special plan for remediation and environmental recovery of mines, Legislative Decree no. 624/1996 (health and safety of workers) and Legislative Decree no. 117/08 (transposing Directive 2006/21/EC and important for the management of extractive waste). **Italy has a decentralised regime and each region has its own relevant regional laws (RL) regulating extraction and environmental permitting procedures.** The Emilia Romagna was one of the first regions in Italy to implement a mining law and to develop a wide-area mining planning; important regional laws are RL of 18 July 1991, n. 17: rules on mining activities, RL 3/99 delegating to the Province and Municipalities the authority for mines and quarries, RL 9/99 for EIA, and RL 20/2000 on Spatial Planning.

Another relatively recent novelty of the state level legislation has been the President Decree 78/2007 that introduced a reform of the technical central council for mining issue: the former National Mining Council (Consiglio superiore delle miniere) into section b) of the Italian Commission for the Hydrocarbons and Georesources (Cirm b).

Due to the decentralised permitting regime, **in Italy the authorities responsible for permitting issues for onshore "first category" and "second category" non-energetic minerals are the Regions**, i.e. all minerals quarried (sandstone, igneous rock, limestone, chalk and dolomite, sand and gravel, silica sand, common clay, shale) or mined onshore are subject to Regional Administrative regulations (**each Region has different permitting procedures**). The national Italian State has no permitting competences for onshore non-energetic minerals but only for offshore ones. The national ministry responsible for the permitting of marine aggregates is the Ministry of Economic Development. All Regions have delegated the extraction plans to themselves and/or to the Province through offsetting of Regional (or Provincial) Mining plans. These plans contain provisions about the identification and demarcation of the areas, the needs, the methods of extraction, the time of excavation and restoration plans for the quarry. For EIA evaluation, the regional EIA offices are the ones responsible; only if the exploration or extraction activity is offshore does the competence belong to the Ministry of Environment.

Concerning exploration for first category minerals (state-owned), the application for an exploration permit starts with a request (together with the operations plan) submitted to the Regional Administration in order to obtain an exploration permit. **For second category minerals (landowned) most of the Italian Regions do not require an exploration permit** because those areas of potential exploitation are already defined in mining plans. Exploration for first category minerals may be subject to the Environmental Impact Assessment procedure under Legislative Decree 152/2006. **For second category minerals, usually no EIA procedure is required**, although this depends on a quarry's dimension. The average length to obtain a permit differs across Regions. As an example, in the Emilia Romagna region, the average length to get an exploration permit is 90 calendar days. In some other Regions, it can be up to six months.

With regards to the extraction of both primary and second category minerals, a permit must be requested from the Regional Administration, including an overall extraction plan that can be prepared in accordance with the provisions contained in the Municipality/Province Mining Plan in some Region or in the Regional mining plan itself. In the Emilia Romagna region an extraction authorisation for second category minerals is allowed with the authorisation of the municipality concerned, exclusively within areas defined by the municipal Plan of Mining Activities (PAE) and after concluding a special agreement. The authorisation has to be released after completion of the EIA procedure. According to RL 9/99 and subsequent amendments, all mines are subject to EIA procedures, and also subject to EIA procedures are quarries with an extraction rate larger than 500,000 m³ per year, and/or with an area larger than 20 ha, and those located, even partially, within wetlands or coastal areas, mountainous areas or forests, protected natural areas, including areas contiguous to SCI (Sites of Community Importance) and SPA (Special Protection Areas), areas of high population density, landscapes of historical, cultural and archaeological heritage, state-owned areas of rivers, streams, lakes and public waters, with evaluation by the provinces. In the Emilia Romagna region, the time to obtain an extraction authorisation comprises a minimum of 90 days to start a quarry and a maximum of 6 months for a mining license.

In Emilia Romagna, permitting success rates are very high (100 %): the number of requests for authorisations for the extraction of second category minerals between 2013 and 2015 was 45, all granted. This can be explained because the application for an extraction permit is made only at the end of a consultation procedure with stakeholders and relevant institutions.

1.2. General introduction

After the abolishment of the monarchy in 1946, Italy has been a constitutional republic with a multi-party system. The executive power is exercised collectively by the Council of Ministers, which is led by the Prime Minister, officially referred to as President of the Council (Italian: *Presidente del Consiglio*). The regions of Italy (Italian: *regioni*) are the first-level

administrative divisions of Italy, constituting its second NUTS administrative level. There are 20 regions, of which five are constitutionally given a broader amount of autonomy granted by special statutes. Each region, except for the Aosta Valley, is divided into provinces, and provinces into municipalities (Italian: *comunes*). Regions are autonomous entities with powers defined in the Constitution. Provinces are the NUTS 3 administrative level (107 provinces).

In Italy, most of the mines are now closed. Significant deposits of mercury (as cinnabar) are present on Mount Amiata although not under extraction anymore. Fluorine minerals are extracted in Val Trompia (Lombardia Region), Trentino and the Sardinian mines of Silius. Instead, the iron mines (present in Cogne, Valle d'Aosta, on the island of Elba and Sardinia) and coal (in the area of Sulcis, Sardinia) have been abandoned due to the low concentration of this mineral and higher production costs than other deposits located abroad. More important is, undoubtedly, the production of materials classified as "second category minerals" such as limestone, marble, granite, clay, sand, gravel, travertine, ceramic minerals (feldspar, kaolin, refractory) and industrial (bentonite, bleaching earth), minerals while the extraction of metals is extremely limited.

Italy ranks second in Europe, after Germany for steel production. Italy is the world's largest producer of feldspar minerals (silicates). The global export of natural stones, especially marble, is very high. The marble in Italy is present in numerous locations. The most important geographical area for the production of white marble is located in Tuscany, specifically the Apuan Alps. Lazio, Lombardy, Puglia, Sicily and Veneto are other important areas for extraction of coloured marble. In Italy, there are nearly 4,900 active quarries, a quarter of which are concentrated in only two regions (Lombardy and Veneto) which together have on their territory more than 1,000 authorized quarries. Because of the crisis in the sector, those actually in production in 2013, however, are considerably lower, in some regions even less than 50% (Marasmi et al., 2015).

The Emilia-Romagna region is important in Italy in the extraction of clay (largest producing region in the country with one fifth of the clay extracted in Italy) and gravel and sand (4th largest producing region in 2013 after Lombardia, Piemonte and Veneto).

Mineral ownership

The primary legal basic of mineral extraction activity is the Mining Law (Regio Decreto) No. 1443 of 1927. By Regio Decreto (Royal Decree) 1443/27 (Art. 2) the national State owns the rights to "First category minerals" extracted in mines where "second category minerals" extracted in quarries belong to the landowner.

"First category" minerals include energy minerals except peat, metallic ores, non-metallic ores of significant industrial importance, i.e. salt and potash, barytes and fluorspar, mineral water, gemstone, garnet, corundum, bauxite, leucite, magnesite, fluorite, barium and strontium minerals, talc, asbestos, cement marl, lithographic stones). Rights to marine sand and gravel also belong to the national Italian State. With the Legislative Decree 112/98 and Constitutional Law 3/2001 all the competences related to planning and management related to first category minerals was transferred to the regions.

"Second category" minerals include materials for building, road and hydraulic constructions (except marl for cement), colouring material, quartz and silica sand, molars stones, sandstone, igneous rock, limestone, chalk and dolomite, sand and gravel, silica sand, common clay, shale. They are property of the land owner, and are subject to regional administrative regulations. Now the competences on quarried materials, peat and mineral waters were transferred to the regions by the D.P.R (Presidential Decree) 2/72 and D.P.R. 616/77.

Regarding Solid Minerals, except marine ones, their administration was delegated to the Regions by the Legislative Decree 112/98 and the D.P.C.M. (Presidential Decree) 22/12/00.

1.3. Legislation governing mineral exploration and extraction

In Italy, the primary legal basis of mineral extraction activity is the Mining Law (Regio Decreto) No. 1443 of 1927 which divides minerals into two categories (Art 2): “first” and “second” category. Legislation of relevance to the permitting of non-energy minerals also includes the Legislative Decree 112/98, Constitutional Law 3/2001 through which the administration (including permitting procedures) of solid minerals (except marine ones) was delegated to the Regions. Of importance are also the D.P.R. (Presidential Decree) 2/72 and D.P.R. 616/77 through which the permitting competences on quarried materials, peat and mineral waters were transferred to the Regions.

Other important national laws in Italy are the Presidential Decree 128/59 (Standards of police of mining and quarrying), the Legislative Decree 152/06 (legislative framework applicable to all matters concerning environmental protection including EIA, SEA and IPPC), the Law of 23 December 2000 n. 388, Art. 114, which provides a special plan for remediation and environmental recovery, Legislative Decree no. 624/1996 (health and safety of workers) and the Legislative Decree no. 117/08 (transposing Directive 2006/21/EC and important for the management of extractive waste regulated). Due to the National Law 56/2014 that foresees the changes of competence for Province Authorities in most of the Region all the procedure related to mining activities are now under revision.

In Emilia Romagna, important regional laws (RL) are RL of 18 July 1991, n. 17: rules on mining activities, RL 3/99 delegating to the Province and Municipalities the authority for mines and quarries, RL 9/99 for EIA, and RL 20/2000 on Spatial Planning. Besides Emilia-Romagna, Table 1 lists also other regional laws of importance for the regions of Piemonte, Lombardia, Veneto, Lazio and Puglia which are the Italian regions with the highest production of aggregates.

Transposition of the Directive on updates on EIA (Legislative Decree 104/2017) transferred back to EIA procedures at central level (i.e. to the Ministry of Environment) on certain exploration and extraction more strategic/complex cases of first category minerals: *«minerals used for the extraction of metals, metalloids and their compounds; graphite, solid fuels, asphaltic and bituminous rocks; radioactive substances»*.

Table 1: Italy. Legislation relevant to exploration and extraction permitting.

Legislative sector	Code	English title	Web link	Permitting provisions (Y/N)	Deadlines (Y/N)	Relevant to (Y/N)			Relevant at (Y/N)			Remarks
						exploration	extraction	post-extraction	local	regional	(central) national	
mining, minerals management, technical safety, concession	IT-L1	Emilia-Romagna Regional Law 18 July 1991, n. 17: rules on mining activities	http://demetra.regione.emilia-romagna.it/al/monitor.php?vi=nor&dl=d2f25821-92ae-032f-d36b-4e4cbfc0e7b9&dl_id=10&dl_t=xml&dl_a=y&ev=0	Y	Y	Y	Y	Y	Y	Y	N/A	
	IT-L2	Royal decree 29/07/1930	http://ambiente.regione.emilia-romagna.it/suolo-bacino/argomenti/attivita-estrattive-e-minerarie/allegati/regio-decreto-29-luglio-1927-n.1443	Y	Y	Y	Y	Y	N	Y	Y	
	IT-L3	L30/91 Rules for the execution of mineral policy	http://www.ambientediritto.it/Legislazione/CAVE/Legge%20n.221-1990.htm	N	N	Y	Y	Y	N	Y	N/A	
	IT-L4	Decree 117/2008 Law on Mineral waste	http://www.normattiva.it/uri-res/N2Ls?urn:nir:stato:decreto.legislativo:2008-05-30;117%21viq=	N	N	N	Y	Y	Y	Y	Y	

Legislative sector	Code	English title	Web link	Permitting provisions (Y/N)	Deadlines (Y/N)	Relevant to (Y/N)			Relevant at (Y/N)			Remarks
						exploration	extraction	post-extraction	local	regional	(central) national	
	IT-L5	Decree 626/94: Safety during working activities	https://it.wikipedia.org/wiki/Decreto_legislativo_19_settembre_1994,_n._626	N	N	Y	Y	Y	Y	Y	Y	
	IT-L6	Decree 624/96: Rules for safety in mining activities	http://www.sicurcave.it/PDF/624DLv96.pdf	N	N	Y	Y	Y	Y	Y	Y	
	IT-L7	Decree 81/2008: Safety and health during working activities	http://www.lavoro.gov.it/sicurezza/lavoro/documents/tu%2081-08%20-%20ed.%20ottobre%202013.pdf	N	N	Y	Y	Y	Y	Y	Y	
	IT-L8	Decree 128/59: Police rules in quarry and mining activities	http://www.normattiva.it/uri-res/N2Ls?urn:nir:presidente.repubblica:decreto:1959;128	N	N	Y	Y	N	Y	Y	Y	
	IT-L9	Decree 21/1979: Explosive rules for mining extraction	http://unmig.mise.gov.it/unmig/norme/miniere/dm210479.pdf	N	N	N	Y	N	Y	Y	Y	
	IT-L10	Constitutional Law 3/2001: passing of competence on mining from State to Regions	http://www.parlamento.it/parlam/leggi/01003lc.htm	N	N	Y	Y	Y	Y	Y	Y	

Legislative sector	Code	English title	Web link	Permitting provisions (Y/N)	Deadlines (Y/N)	Relevant to (Y/N)			Relevant at (Y/N)			Remarks
						exploration	extraction	post-extraction	local	regional	(central) national	
	IT-L11	Piemonte Regional Law 69/78 Quarry activities	http://arianna.consiglioregionale.piemonte.it/base/coord/c1978069.html	Y	Y	Y	Y	Y	Y	Y	N/A	
	IT-L12	Lombardia Regional Law 14/1998 – rules on cultivation of minerals on quarries	http://www.reti.regione.lombardia.it/shared/ccurl/757/302/1998%20-%20r%2014.pdf	Y	Y	Y	Y	Y	Y	Y	N/A	
	IT-L13	Veneto Regional Law 44/1982: rules on quarry activity	http://www.consiglio Veneto.it/crvportal/leggi/1982/82r0044.html	Y	Y	Y	Y	Y	Y	Y	N/A	
	IT-L14	Lazio Regional Law 17/2004 – Rules on quarry activities	http://notes.regione.lazio.it/RegioneLazio/Leggi.nsf/Ricconsiglio/24790E0D14E611B5C1256F4E00405016	Y	Y	Y	Y	Y	Y	Y	N/A	
	IT-L15	Puglia Regional Law 21/2004 – Rules on extraction activity	http://93.63.84.69/ecologia/Documenti/GestioneDocumentale/Legislazione/Attivita_Estrattive/AE_LEX_RP_06_LR21_04.pdf	Y	Y	Y	Y	Y	Y	Y	N/A	
	IT-L16	Provincia Autonoma di Trento Law 7/2006	http://www.consiglio.provincia.tn.it/leggi-e-archivi/codice-provinciale/archivio/Pages/	Y	Y	Y	Y	Y	Y	N/A	N/A	

Legislative sector	Code	English title	Web link	Permitting provisions (Y/N)	Deadlines (Y/N)	Relevant to (Y/N)			Relevant at (Y/N)			Remarks
						exploration	extraction	post-extraction	local	regional	(central) national	
		– Rules on mining activities	Legge%20provinciale%2024%20ottobre%202006,%20n.%207_15798.aspx									
	IT-L17	Provincia autonoma di Bolzano Law 10/2009 – Rules on mining activities	http://lexbrowser.provincia.bz.it/doc/20150821/it/lp-2003-7/legge_provinciale19_maggio_2003_n_7.aspx	Y	Y	Y	Y	Y	Y	N/A	N/A	
	IT-L18	Friuli Venezia Giulia Regional Law 35/86 – Rules on mining activities	https://lexview-int.regione.fvg.it/FontiNormative/xml/xmllex.aspx?anno=1986&legge=35	Y	Y	Y	Y	Y	Y	Y	N/A	
	IT-L19	Liguria Regional Law 12/2012 – Rules on mining activities	http://lrv.regione.liguria.it/liguriass_prod/class/download.php?urndoc=urn:nir:regione.liguria:legge:2015-03-06;6&dcrev=ba8b7620-509f-90d2-2226-5512866cfde8&ext=P_PDF01	Y	Y	Y	Y	Y	Y	Y	N/A	
	IT-L20	Tuscany Regional Law 35/2015 – Rules on mining activities	http://raccoltanormativa.consiglio.regione.toscana.it/articolo?urndoc=urn:nir:re	Y	Y	Y	Y	Y	Y	Y	Y	n/a

Legislative sector	Code	English title	Web link	Permitting provisions (Y/N)	Deadlines (Y/N)	Relevant to (Y/N)			Relevant at (Y/N)			Remarks
						exploration	extraction	post-extraction	local	regional	(central) national	
			gione.toscana:legge:2015-03-25;35									
	IT-L21	Umbria Regional Law 2/200 – Rules on mining activities	http://www.assocaveumbria.org/file/normativa/04.pdf	Y	Y	Y	Y	Y	Y	Y	Y	n/a
	IT-L22	Marche Regional Law 71/1997 – Rules on mining activities	http://www.consiglio.marche.gov.it/banche_dati_e_documentazione/leggirm/leggi/visualizza/vig/1225	Y	Y	Y	Y	Y	Y	Y	Y	n/a
	IT-L23	Abruzzo Regional Law 26/1983 – Rules on mining activities	http://www2.consiglio.regione.abruzzo.it/leggi_tv/abruzzo_lr/1983/lr83054.htm	Y	Y	Y	Y	Y	Y	Y	Y	n/a
	IT-L24	Molise Regional Law 11/2005 – Rules on mining activities	http://www.regione.molise.it/web/crm/lr.nsf/(a2005)/271478A14AAA306BC1256FE800369363?OpenDocument	Y	Y	Y	Y	Y	Y	Y	Y	n/a
	IT-L25	Campania Regional Law 17/1995 – Rules on mining activities	http://www.sito.regione.campania.it/leggi_regionali1995/lr17_1995.pdf	Y	Y	Y	Y	Y	Y	Y	Y	n/a

Legislative sector	Code	English title	Web link	Permitting provisions (Y/N)	Deadlines (Y/N)	Relevant to (Y/N)			Relevant at (Y/N)			Remarks
						exploration	extraction	post-extraction	local	regional	(central) national	
	IT-L26	Basilicata Regional Law 17/2005 – Rules on mining activities	http://www.regione.basilicata.it/giunta/files/docs/DOCUMENT_FILE_523493.pdf	Y	Y	Y	Y	Y	Y	Y	Y	n/a
	IT-L27	Calabria Regional Law 40/2009 – Rules on mining activities	http://www.provincia.cosenza.it/portale/portamedia/2014-10/L.R.%20n.%2040%205%20novembre%202009.pdf	Y	Y	Y	Y	Y	Y	Y	Y	n/a
	IT-L28	Sicilia Regional Law 5/2010 – Rules on mining activities	http://www.regione.sicilia.it/industria/corpo%20delle%20miniere/normativa%20di%20riferimento%20in%20materia%20di%20cave%20(Giacimenti%20di%20OII%20categoria)1.htm	Y	Y	Y	Y	Y	Y	Y	Y	n/a
	IT-L29	Sardinia Regional Law 30/1989 – Rules on mining activities	http://www.regione.sardegna.it/j/v/86?v=9&c=72&s=1&file=1989030	Y	Y	Y	Y	Y	Y	Y	N/A	
environment	IT-L30	Emilia -Romagna Regional Law. 6 luglio 2009 n. 9 for EIA	http://demetra.regione.emilia-romagna.it/al/monitor.php?urn=er:assemblealegislativa:legge:1999;9	Y	Y	N	Y	N	Y	Y	N/A	

Legislative sector	Code	English title	Web link	Permitting provisions (Y/N)	Deadlines (Y/N)	Relevant to (Y/N)			Relevant at (Y/N)			Remarks
						exploration	extraction	post-extraction	local	regional	(central) national	
	IT-L31	National Decree 152/06 on Environment	http://www.camera.it/parlam/leggi/deleghe/06152dl.htm	Y	Y	N	Y	N	Y	Y	Y	
	IT-L32	Piemonte Regional Law 40/1998 – Rules on environmental compatibility and evaluation procedures	http://arianna.consiglioregionale.piemonte.it/ariaint/TESTO?LAYOUT=PRESENTAZIONE&TIPODOC=LEGGI&LEGGE=40&LEGGEANNO=1998	Y	Y	N	Y	N	Y	Y	N/A	
	IT-L33	Lombardia Regional Law 5/2010 – Rules on EIA	http://www.reti.regione.lombardia.it/shared/ccurl/5/44/lr%205_2010.pdf	Y	Y	N	Y	N	Y	Y	N/A	
	IT-L34	Veneto Regional Law 4/2016 – Rules on EIA and competences on Integrated environmental authorisation	https://rdv.app.box.com/s/4h5cmazi7bxuhid2tqf3md51tzscppye	Y	Y	N	Y	N	Y	Y	N/A	

Legislative sector	Code	English title	Web link	Permitting provisions (Y/N)	Deadlines (Y/N)	Relevant to (Y/N)			Relevant at (Y/N)			Remarks
						exploration	extraction	post-extraction	local	regional	(central) national	
	IT-L35	Puglia Region Deliberation	http://www.arpa.puglia.it/c/document_library/get_file?uuid=c0a9204f-bf94-4a50-8321-aa4de124cbd7&qgroupId=13879	Y	Y	N	Y	N	Y	Y	N/A	
nature conservation, forestry	IT-L36	Regional law 24/2011: Institution of regional parks	http://demetra.regione.emilia-romagna.it/al/monitor.php?vi=all&dl=7f87c1eb-3e15-bab0-e671-4efaf5a8bef4&dl_id=10&dl_t=xml&dl_a=y&ev=0	N	N	Y	Y	Y	Y	Y	N/A	
	IT-L37	National Law 394/91: Rules on national parks	http://www.gazzettaufficiale.it/eli/id/1991/12/13/091G0441/sg	N	N	Y	Y	Y	Y	Y	Y	
	IT-L38	Piemonte Regional Law 19/2009 – Protection of nature and biodiversity	http://arianna.consiglioregionale.piemonte.it/base/cord/c2009019.html	N	N	Y	Y	Y	Y	Y	N/A	
	IT-L39	Lombardia Regional Law 12/2011 – New regional organization	http://normelombardia.consiglio.regione.lombardia.it/normelombardia/Accessibili	N	N	Y	Y	Y	Y	Y	N/A	

Legislative sector	Code	English title	Web link	Permitting provisions (Y/N)	Deadlines (Y/N)	Relevant to (Y/N)			Relevant at (Y/N)			Remarks
						exploration	extraction	post-extraction	local	regional	(central) national	
		on Parks, Reserves and Natural Heritages	le/main.aspx?view=showdoc&iddoc=lr00201108040012									
	IT-L40	Veneto Regional Law 40/1984 – Rules on Parks and Environmental Reserves	http://www.consiglioveneto.it/crvportal/leggi/1984/84lr0040.html	N	N	Y	Y	Y	Y	Y	N/A	
	IT-L41	Lazio Regional Law 29/1997 – Rules on individuation and institution of Parks and Environmental Reserves	http://notes.regione.lazio.it/RegioneLazio/Leggi.nsf/Ricconsiglio/CD3772636F44D28180256B790052C93D	N	N	Y	Y	Y	Y	Y	N/A	
	IT-L42	Puglia Regional Law 19/1997 – Rules on institution and management of Natural areas	http://www.parcotrantoleuca.it/images/stories/Legge_Regionale_19_97.pdf	N	N	Y	Y	Y	Y	Y	N/A	
	IT-L43	Valle d'Aosta Regional law 45/2009 – Rules on protection of Flora	http://www.regione.vda.it/risorsenaturali/conservazione/normativa/legge_flora_i.asp	N	N	Y	Y	Y	Y	Y	N/A	

Legislative sector	Code	English title	Web link	Permitting provisions (Y/N)	Deadlines (Y/N)	Relevant to (Y/N)			Relevant at (Y/N)			Remarks
						exploration	extraction	post-extraction	local	regional	(central) national	
	IT-L44	Provincia Autonoma di Trento law on management of environment and territory	http://www.consiglio.provincia.tn.it/leggi-e-archivi/codice-provinciale/archivio/Pages/Legge%20provinciale%2023%20maggio%202007,%20n.%2011_16530.aspx?zid=a706695c-37c3-4980-973c-9b323cdcd442	N	N	Y	Y	Y	Y	N/A	N/A	
	IT-L45	Provincia Autonoma di Bolzano – Law on Nature management 6/2010	http://lexbrowser.provinz.bz.it/doc/it/lp-2010-6/legge_provinciale_12_maggio_2010_n_6.aspx?q=&a=2010&n=6&in=-&na=	N	N	Y	Y	Y	Y	N/A	N/A	
	IT-L46	Friuli Venezia Giulia Regional Law 42/1996 – Rules on parks and reserves	http://lexview-int.regione.fvg.it/fontinatornative/xml/xmlLex.aspx?anno=1996&legge=42&ART=000&AG1=00&AG2=00&fx=lex	N	N	Y	Y	Y	Y	Y	N/A	
	IT-L47	Liguria Region Law 12/1995 – Rules on protected areas	http://lrv.regione.liguria.it/liquiriass_prod/articolo?urndoc=urn:nir:regione.liguria:legge:1995-02-22;12	N	N	Y	Y	Y	Y	Y	N/A	

Legislative sector	Code	English title	Web link	Permitting provisions (Y/N)	Deadlines (Y/N)	Relevant to (Y/N)			Relevant at (Y/N)			Remarks
						exploration	extraction	post-extraction	local	regional	(central) national	
	IT-L48	Tuscany Regional Law 30/2015 – Rules on protection and management of environment	http://raccoltanormativa.consiglio.regione.toscana.it/articolo?urndoc=urn:nir:regione.toscana:legge:2015-03-19;30	N	N	Y	Y	Y	Y	Y	N/A	
	IT-L49	Umbria Regional Law 9/1995 – Environment protection and reserve areas	http://www.parks.it/federparchi/leggi/umbria.html	N	N	Y	Y	Y	Y	Y	N/A	
	IT-L50	Marche Regional Law 15/1994 – Rules for the institution and management of protected areas	http://www.consiglio.marche.it/banche_dati_e_documentazione/leggirm/leggi/visualizza/viq/988	N	N	Y	Y	Y	Y	Y	N/A	
	IT-L51	Abruzzo Regional Law 38/1996 – Rules on protected areas	http://faolex.fao.org/docs/html/ita31805.htm	N	N	Y	Y	Y	Y	Y	N/A	
	IT-L52	Molise Regional Law 23/2004 – Management of protected areas	http://www.regione.molise.it/web/crm/lr.nsf/(Anno)/09907A1267F11076C1256F46003B33B8?OpenDocument	N	N	Y	Y	Y	Y	Y	N/A	

Legislative sector	Code	English title	Web link	Permitting provisions (Y/N)	Deadlines (Y/N)	Relevant to (Y/N)			Relevant at (Y/N)			Remarks
						exploration	extraction	post-extraction	local	regional	(central) national	
	IT-L53	Campania Regional Law 33/1993 – Institution of parks and reserves	http://www.regione.campania.it/assets/documents/Leqqeregionale33.pdf	N	N	Y	Y	Y	Y	Y	N/A	
	IT-L54	Sicily regional law 13/1999 – Rules on parks and reserves	http://www.regione.sicilia.it/agricolturaeforeste/azfor este/db/normativa/A._TESTO_ASSEMBLATO_LEGGI_REG._PARCHI_E_RISERVE_NAT._IN_SICILIA2.doc	N	N	Y	Y	Y	Y	Y	N/A	
	IT-L55	Sardinia Regional Law 31/1989 – Rules on institution and management of parks	http://www.regione.sardegna.it/j/v/1271?v=9&c=72&s=1&file=1989031	N	N	Y	Y	Y	Y	Y	N/A	
water management	IT-L56	National Decree 152/06 on Environment	http://www.camera.it/parlam/leggi/deleghe/06152dl.htm	Y	Y	N	Y	N	Y	Y	Y	

Legislative sector	Code	English title	Web link	Permitting provisions (Y/N)	Deadlines (Y/N)	Relevant to (Y/N)			Relevant at (Y/N)			Remarks
						exploration	extraction	post-extraction	local	regional	(central) national	
land use planning, spatial development, soil management	IT-L57	Emilia-Romagna Regional Law 20/2000: Spatial Planning	http://territorio.regione.emilia-romagna.it/codice-territorio/pianif-territoriale/legge-regionale-20-2000	N	N	Y	N	N	Y	Y	N/A	
	IT-L58	Piemonte Regional Law 56/77 and subsequent amendments – Spatial Planning	http://arianna.consiglioregionale.piemonte.it/base/coord/c1977056.html	N	N	Y	N	N	Y	Y	N/A	
	IT-L59	Lombardia Regional Law 12/2005 and subsequent amendments – Spatial Planning	http://smtp.consiglio.regione.lombardia.it/NormeLombardia/Accessibile/main.aspx?exp_coll=lr002005031100012&view=showdoc&id_doc=lr002005031100012&selnode=lr002005031100012	N	N	Y	N	N	Y	Y	N/A	

Legislative sector	Code	English title	Web link	Permitting provisions (Y/N)	Deadlines (Y/N)	Relevant to (Y/N)			Relevant at (Y/N)			Remarks
						exploration	extraction	post-extraction	local	regional	(central) national	
	IT-L60	Veneto Regional Law 11/2004 and subsequent amendments – Spatial Planning and Landscape	http://www.consiglio Veneto.it/crvportal/leggi/2004/04lr0011.html	N	N	Y	N	N	Y	Y	N/A	
	IT-L61	Lazio Regional Law 38/1999 and subsequent amendments – Rules on territorial management	http://notes.regione.lazio.it/RegioneLazio/Leggi.nsf/RicercaIntranew/6C9F35E038B8AD8280256B790052CD39	N	N	Y	N	N	Y	Y	N/A	
	IT-L62	Puglia Regional Law 20/2009 and subsequent amendments – Landscape planning	http://www.paesaggio.regione.puglia.it/PPTR_2013_07/LR_20_2009.pdf	N	N	Y	N	N	Y	Y	N/A	
	IT-L63	Valle d'Aosta Regional Law 11/98 and subsequent amendments – Landscape planning	http://www.consiglio.vda.it/app/leggieregolamenti/dettaglio?pk_lr=2467	N	N	Y	N	N	Y	Y	N/A	

Legislative sector	Code	English title	Web link	Permitting provisions (Y/N)	Deadlines (Y/N)	Relevant to (Y/N)			Relevant at (Y/N)			Remarks
						exploration	extraction	post-extraction	local	regional	(central) national	
	IT-L64	Trento Province Law 1/2008 and subsequent amendments – Landscape planning	http://www.urbanistica.provincia.tn.it/normativa/legge_urb/	N	N	Y	N	N	Y	N/A	N/A	
	IT-L65	Bolzano Provincial Law 3/95 and subsequent amendments – Landscape planning	http://lexbrowser.provinz.bz.it/doc/it/lp-1995-3/legge_provinciale_18_gennaio_1995_n_3.aspx	N	N	Y	N	N	Y	N/S	N/S	
	IT-L66	Friuli Venezia Giulia President Decree 83/78 and subsequent amendments – Landscape planning	http://www.regione.fvg.it/rafvg/export/sites/default/RAFVG/ambiente-territorio/pianificazione-gestione-territorio/FOGLIA1/allegati/PURG_Adozione_DPGR_0481_05.05.1978.pdf	N	N	Y	N	N	Y	Y	N/A	
	IT-L67	Liguria Regional Law 36/97 and subsequent amendments – Landscape planning	http://www.regione.liguria.it/component/publiccompetitions/document/1285-legge-regionale-n-36-del-4-settembre-1997-e-succe-sive-modifiche.html?view=document&id=1285:legge-	N	N	Y	N	N	Y	Y	N/A	

Legislative sector	Code	English title	Web link	Permitting provisions (Y/N)	Deadlines (Y/N)	Relevant to (Y/N)			Relevant at (Y/N)			Remarks
						exploration	extraction	post-extraction	local	regional	(central) national	
			regionale-n-36-del-4-settembre-1997-e-successive-modifiche&Itemid=677									
	IT-L68	Tuscany Regional Law 65/2014 and subsequent amendments – Landscape planning	http://raccoltanormativa.consiglio.regione.toscana.it/articolo?urndoc=urn:nir:regione.toscana:legge:2014-11-10:65	N	N	Y	N	N	Y	Y	N/A	
	IT-L69	Umbria Regional Law 1/2015 and subsequent amendments – Landscape planning	http://leggi.crumbria.it/mostra_atto.php?id=77102&v=FI,SA,TE,IS,VE,RA,MM&m=5	N	N	Y	N	N	Y	Y	N/A	
	IT-L70	Marche Regional Law 5/1992 and subsequent amendments – Landscape planning	http://www.consiglio.marche.it/banche_dati_e_documentazione/leggirm/leggi/visualizza/vig/917	N	N	Y	N	N	Y	Y	N/A	

Legislative sector	Code	English title	Web link	Permitting provisions (Y/N)	Deadlines (Y/N)	Relevant to (Y/N)			Relevant at (Y/N)			Remarks
						exploration	extraction	post-extraction	local	regional	(central) national	
	IT-L71	Abruzzo Regional Law 18/83 and subsequent amendments – Landscape planning	http://www.regione.abruzzo.it/xAmbiente/docs/normeMatPian/1LR18_83_Coordinato.pdf	N	N	Y	N	N	Y	Y	N/A	
	IT-L72	Molise Regional Law 47/85 and subsequent amendments – Landscape planning	http://www.prontogeometria.it/Molise_17_1985.pdf	N	N	Y	N	N	Y	Y	N/A	
	IT-L73	Campania Regional Law 16/2004 and subsequent amendments – Landscape planning	http://www.regione.campania.it/assets/documents/governoterritorio.pdf	N	N	Y	N	N	Y	Y	N/A	
	IT-L74	Basilicata Regional Law 23/99 and subsequent amendments – Landscape planning	http://www.regione.basilicata.it/qiunta/files/docs/DOCUMENT_FILE_1921168.pdf	N	N	Y	N	N	Y	Y	N/A	

Legislative sector	Code	English title	Web link	Permitting provisions (Y/N)	Deadlines (Y/N)	Relevant to (Y/N)			Relevant at (Y/N)			Remarks
						exploration	extraction	post-extraction	local	regional	(central) national	
	IT-L75	Sicilia Regional Law 16/16 and subsequent amendments – Landscape planning	http://www.qurs.regione.sicilia.it/Gazzette/q16-360/q16-360.pdf	N	N	Y	N	N	Y	Y	N/A	
	IT-L76	Sardinia Regional Law 23/85 and subsequent amendments – Landscape planning	http://www.pianocasa-sardegna.it/testo-coordinato-lr-23-1985.html	N	N	Y	N	N	Y	Y	N/A	
transportation, construction, catastrophe protection, police, military	IT-L77	Emilia-Romagna Regional Law 30/1998: Rules on regional and local transportation	http://demetra.regione.emilia-romagna.it/al/monitor.php?urn=er:assemblealegislativa:legge:1998;30	N	N	Y	N	N	Y	Y	N/A	
	IT-L78	Emilia-Romagna Regional Law 1/2005 on Civil Protection	http://protezionecivile.regione.emilia-romagna.it/protezionecivile/normativa/leggeregionale.12005.pdf/at_download/file/legge-regionale-n.1-2005.pdf	N	N	N	N	N	Y	Y	N/A	

Legislative sector	Code	English title	Web link	Permitting provisions (Y/N)	Deadlines (Y/N)	Relevant to (Y/N)			Relevant at (Y/N)			Remarks
						exploration	extraction	post-extraction	local	regional	(central) national	
	IT-L79	Piemonte regional Law 1/2000 on transportation	http://arianna.consiglioregionale.piemonte.it/base/coord/c2000001.html	N	N	N	N	N	Y	Y	N/A	
	IT-L80	Veneto regional Law 25/1998 on local transport	http://www.consiglioveneto.it/crvportal/leggi_storico/1998/98lr0025.html?numLegge=25&annoLegge=1998&tipoLegge=Alr	N	N	N	N	N	Y	Y	N/A	
	IT-L81	Lazio regional Law 16/2003 on local transport	http://notes.regione.lazio.it/regionelazio/LeggiPub.nsf/0/87e7bba84c9e8062c1256d8f0041fcee?OpenDocument&Click=	N	N	N	N	N	Y	Y	N/A	
	IT-L82	Puglia regional Law 18/2002 on local transport	http://mobilita.regione.puglia.it/images/allegati/lr%20n18%2031_10_2002.pdf	N	N	N	N	N	Y	Y	N/A	
	IT-L83	Valle d'Aosta regional Law 29/1997 on local transport	http://www.consiglio.regione.vda.it/app/leggieregolamenti/dettaglio?tipo=L&numero_legge=29%2F97&versione=V%20									

Legislative sector	Code	English title	Web link	Permitting provisions (Y/N)	Deadlines (Y/N)	Relevant to (Y/N)			Relevant at (Y/N)			Remarks
						exploration	extraction	post-extraction	local	regional	(central) national	
	IT-L84	Trento Provincial Law 16/1193 on local transport	http://www.consiglio.provincia.tn.it/leggi-e-archivi/codice-provinciale/archivio/Pages/Legge%20provinciale%209%20luglio%201993,%20n.%2016_973.aspx	N	N	N	N	N	Y	N/A	N/A	
	IT-L85	Bolzano Provincial Law 28/1991 on local transport	http://lexbrowser.provinz.bz.it/doc/it/lp-1991-28/legge_provinciale_23_ottobre_1991_n_28.aspx	N	N	N	N	N	Y	N/A	N/A	
	IT-L86	Friuli Venezia Giulia regional Law 23/2007 on local transport	http://lexview-int.regione.fvg.it/fontinor/mative/xml/xmlLex.aspx?anno=2007&legge=23&ART=000&AG1=00&AG2=00&fx=lex	N	N	N	N	N	Y	Y	N/A	
	IT-L87	Liguria regional Law 33/2013 on local transport	http://www.regione.liguria.it/components/com_public_competitions/includes/download.php?id=1442:legislazione-regionale-trasporti.pdf	N	N	N	N	N	Y	Y	N/A	

Legislative sector	Code	English title	Web link	Permitting provisions (Y/N)	Deadlines (Y/N)	Relevant to (Y/N)			Relevant at (Y/N)			Remarks
						exploration	extraction	post-extraction	local	regional	(central) national	
IT-L88	Tuscany regional Law 42/1998 on local transport	http://www.regione.toscana.it/documents/10180/71002/legge%201998%2000042/827c5f8b-df9d-4fdc-b667-ec70d31ac6e0	N	N	N	N	N	N	Y	Y	N/A	
IT-L89	Umbria regional Law 9/2015 on local transport	http://atti.crumbria.it/mostra_atto.php?id=77566	N	N	N	N	N	N	Y	Y	N/A	
IT-L90	Marche regional Law 45/1998 on local transport	http://www.consiglio.marche.it/banche_dati_e_documentazione/leggirm/leggi/visualizza/sto/290	N	N	N	N	N	N	Y	Y	N/A	
IT-L91	Molise regional Law 12/2009 on local transport	http://www.regione.molise.it/web/crm/lr.nsf/0/A159422849169D16C12575A500376F16?OpenDocument	N	N	N	N	N	N	Y	Y	N/S	
IT-L92	Campania regional Law 3/2002 on local transport	http://www.regione.campania.it/assets/documents/lr_03-02.pdf	N	N	N	N	N	N	Y	Y	N/A	
IT-L93	Basilicata regional Law 22/1998 on local transport	http://www.regione.basilicata.it/giunta/files/docs/DOCUMENT_FILE_2996251.pdf	N	N	N	N	N	N	Y	Y	N/A	

Legislative sector	Code	English title	Web link	Permitting provisions (Y/N)	Deadlines (Y/N)	Relevant to (Y/N)			Relevant at (Y/N)			Remarks
						exploration	extraction	post-extraction	local	regional	(central) national	
	IT-L94	Campania regional Law 35/2015 on local transport	http://www.regione.calabria.it/trasporti/allegati/norme_regionali/lr_n.35_31_dic_2015.pdf	N	N	N	N	N	Y	Y	N/A	
	IT-L95	Sicilia regional Law 68/1983 on local transport	http://www.regione.sicilia.it/turismo/trasporti/arcnorme/LR%2068-1983.doc	N	N	N	N	N	Y	Y	N/A	
	IT-L96	Sardinia regional Law 21/2005 on local transport	http://www.regione.sardegna.it/j/v/80?v=2&t=1&c=182&s=12364	N	N	N	N	N	Y	Y	N/A	

In the

Table 2 a summary of the state of mining legislation in Italy related to second category material is presented.

Table 2: Italy. Mining legislation related to second category material per province.

Region	Province	Regional law	Adopted plan
Piemonte		Lr. 69/1978 – Lr. 44/2000	Province plan
	Alessandria		No
	Asti		No
	Biella		No
	Cuneo		No
	Novara		yes
	Torino		yes
	Verbania		yes
	Vercelli		No
Valle d'Aosta		Lr. 5/2008	3 plan
Lombardia		Lr. 14/1998	Province plan
	Bergamo		yes
	Brescia		yes
	Como		yes
	Cremona		yes
	Sondrio		yes
	Pavia		yes
	Mantova		yes
	Milano		yes
	Lodi		yes
	Lecco		yes
	Varese		yes
Provincia Autonoma di Trento		Lp. 24 ottobre 2006, n. 7	yes
Provincia Autonoma di Bolzano		Lp 7/2003 – Lp 10/2009	No
Veneto		Lr. 44/1982 - Lr. 15/1983	Yes
Friuli Venezia Giulia		Lr. 35/1986 – Lr. 25/1992 – Lr. 6/2011	No
Emilia-Romagna		Lr. 17/1991 - Lr. 20/2000	Province plan
	Modena		yes
	Piacenza		yes
	Parma		yes
	Reggio Emilia		yes
	Bologna		yes
	Forlì-Cesena		yes
	Ferrara		yes
	Ravenna		yes
	Rimini		yes

Liguria		Lr. 12/2012	yes
		Lr. 78/1998	
Toscana			Province plan
	Firenze		yes
	Prato		No
	Pistoia		yes
	Lucca		No
	Massa Carrara		No
	Pisa		yes
	Livorno		yes
	Grosseto		yes
	Siena		yes
	Arezzo		yes
Umbria		Lr. 2/2000 – Lr. 34/2004	yes
Marche		Lr. 71/1997	Province plan
	Ascoli Piceno		yes
	Ancona		yes
	Pesaro-Urbino		yes
	Macerata		yes
Lazio		Lr. 27/1993 - Lr. 17/2004 e Delibera Consiglio Regionale del 20/04/2011	No
Abruzzo		L.R. n. 54/1983 e s.m. (LL.RR. nn. 10/85, 48/86, 67/87, 57/88, 78/89, 8/95, 120/96, 15/04, 6/05, 29/06, 1/11, 1/12, 63/12)	No
Molise		Lr. 11/2005	No
Campania		Lr. 54/1985 – Lr.17/1995	yes partially
Puglia		Lr. 37/1985 – Lr. 21/2004	yes
Basilicata		Lr. 12/1979 (modifiche nel la Lr. 17/2005)	No
Calabria		Lr. 40/2009 Regolamento di Attuazione 12/2012	No
Sicilia		Lr 127/1980 – Lr 19/1995 - Lr 25/1999 – Lr 5/2010	No
Sardegna		Lr. 30/1989 – Lr. 28/1991	No

Source: Regione Emilia-Romagna. Note: the Fermo Province (Marche Region) uses the Ascoli Piceno Province plan

1.4. Authorities governing mineral exploration and extraction

In Italy, the authorities responsible for permitting issues for **onshore “first category” and “second category” non-energetic minerals are the Regions**, i.e. all onshore mined and quarried minerals (sandstone, igneous rock, limestone, chalk and dolomite, sand and gravel, silica sand, common clay, shale) are subject to Regional Administrative regulations (each Region has different permitting procedures). The national Italian State has no permitting competences on onshore non-energetic minerals (irrespective of first or second category) but only on offshore ones. The national ministry responsible for the permitting of marine aggregates is the Ministry of Economic Development.

For the EIA evaluation, the regional EIA offices are the ones responsible. In the Emilia-Romagna and in other regions such as Tuscany, Veneto and Lombardy, the exploitation concession and authorisation (quarry and mines) were delegated to the province. In Emilia-Romagna, the reference law for the transfer of competence to province is the Regional Law 3/99. Moreover, the provincial and municipal authorities are the ones in charge of issuing the necessary permits and licenses. In the Table 3 are listed the relevant regional authorities for all Italian regions where the NEEI sector is of importance in the regional economy.

Table 3: Italy. Relevant authorities in exploration and extraction permitting.

	Code	Name of entity	English name of entity	Address / web access	Role in permitting	Relevant to			Statute or relevant piece of legislation	Remarks
						exploration	extraction	post extraction		
First instance permitting (local, regional, central, national)	IT-E1	Comune di Bologna	Bologna Municipality	http://www.comune.bologna.it/ambiente/servizi/6:6483/6486/	Municipality Mining Plan adoption; authorisation for the extraction; control during and after extraction	N	Y	Y	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None
	IT-E2	Città metropolitana di Bologna	Bologna Department	http://www.cittametropolitana.bo.it/	Province Mining Plan adoption as part of Land Use Provincial Plan	Y	Y	N	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None

	Code	Name of entity	English name of entity	Address / web access	Role in permitting	Relevant to			Statute or relevant piece of legislation	Remarks
						exploration	extraction	post extraction		
	IT-E3	Comune di Rimini	Rimini Municipality	http://www.pscrimini.it/	Municipality Mining Plan adoption; authorisation for the extraction; control during and after extraction	N	Y	Y	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None
	IT-E4	Provincia di Rimini	Rimini Province	http://www.provincia.rimini.it	Province Mining Plan adoption as part of Land Use Provincial Plan	Y	Y	N	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None
	IT-E5	Comune di Ferrara	Ferrara Municipality	http://servizi.comune.fe.it/	Municipality Mining Plan adoption; authorisation for the extraction; control during and after extraction	N	Y	Y	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None
	IT-E6	Provincia di Ferrara	Ferrara Province	http://www.provincia.ferrara.it/sito?doc=34E0694CB86981AFC12575610039331F	Province Mining Plan adoption as part of Land Use Provincial Plan	Y	Y	N	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None
	IT-E7	Comune di Ravenna	Ravenna Municipality	http://www.comune.ra.it/Aree-Tematiche/Ambiente-Territoriale-Mobilita/Piano-Comunale-delle-Attivita-Estrattive	Municipality Mining Plan adoption; authorisation for the extraction; control during and after extraction	N	Y	Y	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None

Code	Name of entity	English name of entity	Address / web access	Role in permitting	Relevant to			Statute or relevant piece of legislation	Remarks
					exploration	extraction	post extraction		
IT-E8	Provincia di Ravenna	Ravenna Province	http://www.provincia.ra.it/Argomenti/Ambiente/Attivita-Estrattive/Piano-Infraregionale-delle-Attivita-Estrattive-PIAE	Province Mining Plan adoption as part of Land Use Provincial Plan.	Y	Y	N	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None
IT-E9	Comune di Cesena	Cesena Municipality	http://www.comune.cesena.fc.it/flex/cm/pages/ServeBLOB.php/L/IT/IDPagina/17952	Municipality Mining Plan adoption; authorisation for the extraction; control during and after extraction	N	Y	Y	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None
IT-E10	Comune di Forlì	Forlì Municipality	http://www.comune.forli.fc.it/servizi/menu/dinamica.aspx?idArea=37130&idCat=87645&ID=87646&TipoElemento=categoria	Municipality Mining Plan adoption; authorisation for the extraction; control during and after extraction	N	Y	Y	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None
IT-E11	Provincia di Forlì-Cesena	Forlì-Cesena Province	http://servizi.uffici.provincia.fc.it/web/ambiente-e-sicurezza-del-territorio/p.i.a.e	Province Mining Plan adoption as part of Land Use Provincial Plan	Y	Y	N	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None

Code	Name of entity	English name of entity	Address / web access	Role in permitting	Relevant to			Statute or relevant piece of legislation	Remarks
					exploration	extraction	post extraction		
IT-E12	Comune di Modena	Modena Municipality	http://www.comune.modena.it/settore-ambiente/documenti/documentazione/variante-generale-al-p.i.a.e.-con-valore-ed-effetti-di-p.a.e/elaborati-p.a.e.-comune-di-modena	Municipality Mining Plan adoption; authorisation for the extraction; control during and after extraction	N	Y	Y	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None
IT-E13	Provincia di Modena	Modena Province	http://www.provincia.modena.it/page.asp?IDCategoria=7&IDSezione=4146	Province Mining Plan adoption as part of Land Use Provincial Plan	Y	Y	N	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None
IT-E14	Comune di Reggio Emilia	Reggio Emilia Municipality	http://www.municipio.re.it/retecnica/urp/pes.nsf/web/Hmmtt?openDocument	Municipality Mining Plan adoption; authorisation for the extraction; control during and after extraction	N	Y	Y	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None
IT-E15	Provincia di Reggio Emilia	Reggio Emilia Province	http://www.provincia.re.it/page.asp?IDCategoria=701&IDSezione=4329&ID=88600	Province Mining Plan adoption as part of Land Use Provincial Plan	Y	Y	N	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None

Code	Name of entity	English name of entity	Address / web access	Role in permitting	Relevant to			Statute or relevant piece of legislation	Remarks
					exploration	extraction	post extraction		
IT-E16	Comune di Parma	Parma Municipality	http://www.comune.parma.it/	Municipality Mining Plan adoption; authorisation for the extraction; control during and after extraction	N	Y	Y	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None
IT-E17	Provincia di Parma	Parma Province	http://www2.provincia.parma.it/page.asp?IDCategoria=1257&IDSezione=8136&IDOggetto=&Tipo=SERVIZIO	Province Mining Plan adoption as part of Land Use Provincial Plan	Y	Y	N	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None
IT-E18	Comune di Piacenza	Piacenza Municipality	http://www.comune.piacenza.it/temi/territorio/attivita-estrattive/varianze-piano-provinciale-attivita-estrattive-con-valore-ed-effetti-di-piano-comunale/documenti-piano-attivita-estrattive-pae-piacenza	Municipality Mining Plan adoption; authorisation for the extraction; control during and after extraction	N	Y	Y	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None

	Code	Name of entity	English name of entity	Address / web access	Role in permitting	Relevant to			Statute or relevant piece of legislation	Remarks
						exploration	extraction	post extraction		
	IT-E19	Provincia di Piacenza	Piacenza Province	http://www.provincia.piacenza.it/pagina.php?IDpaq=390&idbox=44&idvocebox=418	Province Mining Plan adoption as part of Land Use Provincial Plan	Y	Y	N	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None
	IT-E20	Regione Emilia-Romagna, Servizio Difesa del Suolo, della Costa e Bonifica	Emilia-Romagna Region, Soil and Coast Protection and Land Reclamation Service	http://ambiente.regione.emilia-romagna.it/suolo-bacino/argomento/attivita-estrattive-e-minerarie	Coordinating the provincial plans; law and rules emanation	Y	N	N	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None
	IT-E21	Provincia di Novara	Novara Province	http://www.provincia.novara.it/Ambiente/DifesaSuolo/PAEP/	Province mining plan	Y	Y	N	Regional Law 69/78	None
	IT-E22	Comune di Brescia	Brescia Municipality	http://www.reti.regione.lombardia.it/shared/ccurl/931/720/BS%20-%202004%20-%20dcr%201114.pdf	Municipality Mining Plan	Y	Y	Y	Regional Law 4/1998	None

Code	Name of entity	English name of entity	Address / web access	Role in permitting	Relevant to			Statute or relevant piece of legislation	Remarks
					exploration	extraction	post extraction		
IT-E23	Comune di Cremona	Cremona Municipality	http://www.reti.regione.lombardia.it/shared/ccurl/235/28/CR%20-%202003%20-%20ddcr%20803-804.pdf	Municipality mining plan	Y	Y	Y	Regional Law 4/1998	None
IT-E24	Comune di Varese	Varese Municipality	http://www.reti.regione.lombardia.it/shared/ccurl/487/908/VA%20-%202008%20-%20dcr%20698.pdf	Municipality mining plan	Y	Y	Y	Regional Law 4/1998	None
IT-E25	Regione Lazio - Direzione Regionale Attività Produttive e Rifiuti	Lazio Region, General Directorate productive activities and waste	http://www.regione.lazio.it/rl_attivitaproduttive/?vw=contenutiDettaglio&cat=1&id=52	Regional Mining Plan	Y	Y	Y	Regional Law 17/2004	None
IT-E26	Regione Puglia – Ufficio attività estrattive	Puglia Region – Mining activities office	http://www.regione.puglia.it/index.php?page=temi&opz=disptemi&te_id=9&at_id=2	Regional Mining plan	Y	Y	Y	Region Law 37/85	None

Code	Name of entity	English name of entity	Address / web access	Role in permitting	Relevant to			Statute or relevant piece of legislation	Remarks
					exploration	extraction	post extraction		
IT-E27	Valle d'Aosta Ufficio attività estrattive	Valle d'Aosta Mining activities office	http://www.regione.vda.it/territorio/territorio/attivita_estrattive/contatti_i.aspx	Regional Mining plan	Y	Y	Y	Regional Law 5/2008	None
IT-E28	Provincia di Trento Servizio Minerario	Trento Province Mineral Service	http://www.minerario.provincia.tn.it/chi_siamo/	Province Mining Plan	Y	Y	Y	Province Law 7/2006	None
IT-E29	Provincia di Bolzano Ufficio Industria e attività estrattive	Bolzano Province Industry and Mining Office	http://www.provincia.bz.it/it/servizi-azi-z.asp?bnsv_svid=1005521	Province Mining Plan	Y	Y	Y	Province Law 10/2009	None
IT-E30	Regione Friuli Venezia Giulia Ufficio attività estrattive	Friuli Venezia Giulia Region Mining activities office	http://www.regione.fvg.it/rafvag/cms/RAFVG/ambiente-territorio/valutazione-ambientale-autorizzazioni-contributi/FOGLIA6/	Regional mining plan	Y	Y	Y	Regional Law 35/1986	None

Code	Name of entity	English name of entity	Address / web access	Role in permitting	Relevant to			Statute or relevant piece of legislation	Remarks
					exploration	extraction	post extraction		
IT-E31	Regione Liguria Ufficio attività estrattive	Liguria Region Mining activities office	http://www.regione.liguria.it/regione-liguria/ente/uffici-e-organizzazione-ente/uffici/office/185130/attivita%20C3%A0-estrattive-settore.html	Regional mining plan	Y	Y	Y	Regional Law 12/2012	None
IT-E32	Regione Umbria Servizio Energia, qualità dell'ambiente, rifiuti, attività estrattive	Umbria Region, Service of Energy, Environmental quality and mining activities	http://www.regione.umbria.it/ambiente/cave	Regional mining plan	Y	Y	Y	Regional Law 2/2000	None
IT-E33	Regione Marche Cave e miniere	Marche Region Quarries and Mines	http://www.regione.marche.it/Regione-Utile/Attivit%C3%A0-Produttive/Attivit%C3%A0-estrattive	Regional mining plan	Y	Y	Y	Regional Law 71/1997	None

Code	Name of entity	English name of entity	Address / web access	Role in permitting	Relevant to			Statute or relevant piece of legislation	Remarks
					exploration	extraction	post extraction		
IT-E34	Regione Abruzzo Direzione Risorse del Territorio	Abruzzo Region Territory resources	http://www.regione.abruzzo.it/portale/index.asp?modello=Servizio&servizio=LLL&stileDiv=sequenzeLeft&template=intIndex&b=direziDI21n:-1:DI:8&tom=n:-1:DI:8	Regional mining plan	Y	Y	Y	Regional Law 54/1983	None
IT-E35	Regione Molise Attività produttive	Molise Region Productive activities	http://www3.regione.molise.it/flex/cm/pages/ServeBLOB.php/L/IT/IDPagina/249	Regional mining plan	Y	Y	Y	Regional Law 11/2005	None
IT-E36	Regione Campania Settore lavori pubblici	Campania Region Public Works	http://www.lavoripubblici.regione.campania.it/joomla/index.php?option=com_content&view=category&id=34:estrattive&layout=blog&Itemid=76&layout=default	Regional mining plan	Y	Y	Y	Regional Law 54/1985	None

Code	Name of entity	English name of entity	Address / web access	Role in permitting	Relevant to			Statute or relevant piece of legislation	Remarks
					exploration	extraction	post extraction		
IT-E37	Regione Basilicata Servizio geologico e attività estrattive	Basilicata Region Geological and Mining Service	http://www.regione.basilicata.it/giunta/site/giunta/departement.jsp?dep=100050&area=111843&otype=1059&id=523494	Regional mining plan	Y	Y	Y	Regional Law 12/1979	None
IT-E38	Regione Calabria Dipartimento o attività produttive	Calabria Region Productive Activities Department	http://www.regione.calabria.it/sviluppo/index.php?option=com_content&task=view&id=617&Itemid=73	Regional mining plan	Y	Y	Y	Regional Law 40/2009	None
IT-E39	Regione Sicilia Dipartimento regionale dell'energia	Sicily Region Department of Energy	http://pti.regione.sicilia.it/portal/page/portal/PIR_PORTALE/PIR_LaStrutturaRegionale/PIR_AssEnergia/PIR_DipEnergia/PIR_PropostadiPianiCave	Regional mining plan	Y	Y	Y	Regional Law 127/1980	None
IT-E40	Regione Sardegna Servizio	Sardegna Region,	http://www.regione.sardegna.it/j	Regional mining plan	Y	Y	Y	Regional Law 30/1989	None

	Code	Name of entity	English name of entity	Address / web access	Role in permitting	Relevant to			Statute or relevant piece of legislation	Remarks
						exploration	extraction	post extraction		
		attività estrattive	Mining Service	/v/68?s=1&v=9&c=13232&na=1						
	IT-E41	ARPA Valle d'Aosta	Regional Agency for the Environment Protection	http://www.arpa.vda.it/it/	Environmental monitoring	N	Y	Y	Regional Law 5/2008	None
	IT-E42	APPA Trento	Regional Agency for the Environment Protection	http://www.appa.provincia.tn.it/	Environmental monitoring	N	Y	Y	Province Law 7/2206	None
	IT-E43	APPA Bolzano	Regional Agency for the Environment Protection	http://ambiente.provincia.bz.it/	Environmental monitoring	N	Y	Y	Province Law 7/2003	None
	IT-E44	ARPA Friuli Venezia Giulia	Regional Agency for the Environment Protection	http://www.arpa.fvg.it/cms/:jse:sionid=BC13A9AFB4C49318F1AB56BCFCECC770	Environmental monitoring	N	Y	Y	Regional Law 35/1986	None
	IT-E45	ARPA Liguria	Regional Agency for the	http://www.arpa.l.gov.it/	Environmental monitoring	N	Y	Y	Regional Law 12/2012	None

	Code	Name of entity	English name of entity	Address / web access	Role in permitting	Relevant to			Statute or relevant piece of legislation	Remarks
						exploration	extraction	post extraction		
			Environment Protection							
	IT-E46	ARPA Toscana	Regional Agency for the Environment Protection	http://www.arpait.toscana.it/	Environmental monitoring	N	Y	Y	Regional Law 78/1998	None
	IT-E47	ARPA Umbria	Regional Agency for the Environment Protection	http://www.arpait.umbria.it/	Environmental monitoring	N	Y	Y	Regional Law 2/2000	None
	IT-E48	ARPA Marche	Regional Agency for the Environment Protection	http://www.arpait.marche.it/	Environmental monitoring	N	Y	Y	Regional Law 71/1997	None
	IT-E49	ARTA Abruzzo	Regional Agency for the Environment Protection	http://www.arta.abruzzo.it/	Environmental monitoring	N	Y	Y	Regional Law 54/1983	None

	Code	Name of entity	English name of entity	Address / web access	Role in permitting	Relevant to			Statute or relevant piece of legislation	Remarks
						exploration	extraction	post extraction		
	IT-E50	ARPA Molise	Regional Agency for the Environment Protection	http://www.arpa.molise.it/	Environmental monitoring	N	Y	Y	Regional Law 11/2005	None
	IT-E51	ARPA Campania	Regional Agency for the Environment Protection	http://www.arpa.campania.it/	Environmental monitoring	N	Y	Y	Regional Law 54/1985	None
	IT-E52	ARPA Basilicata	Regional Agency for the Environment Protection	http://www.arpa.b.it/	Environmental monitoring	N	Y	Y	Regional Law 12/1979	None
	IT-E53	ARPA Calabria	Regional Agency for the Environment Protection	http://www.arpa.cal.it/	Environmental monitoring	N	Y	Y	Regional Law 40/2009	None
	IT-E54	ARPA Sicilia	Regional Agency for the Environment Protection	http://www.arpa.sicilia.it/	Environmental monitoring	N	Y	Y	Regional Law 127/1980	None

Code	Name of entity	English name of entity	Address / web access	Role in permitting	Relevant to			Statute or relevant piece of legislation	Remarks
					exploration	extraction	post extraction		
IT-E55	ARPA Sardegna	Regional Agency for the Environment Protection	http://www.sardagnambiente.it/arpas/	Environmental monitoring	N	Y	Y	Regional Law 30/1989	None
IT-E56	ARPA Puglia	Regional Agency for the Environment Protection	http://www.arpa.puglia.it/web/quest/arpa_home	Environmental monitoring	N	Y	Y	Region Law 37/85	None
IT-E57	ARPA Lazio	Regional Agency for the Environment Protection	http://www.arpa.lazio.gov.it/	Environmental monitoring	N	Y	Y	Regional Law 17/2004	None
IT-E58	ARPA Veneto	Regional Agency for the Environment Protection	http://www.arpa.veneto.it/	Environmental monitoring	N	Y	Y	Regional Law 44/1982	None
IT-E59	ARPA Piemonte	Regional Agency for the Environment Protection	https://www.arpa.piemonte.gov.it/	Environmental monitoring	N	Y	Y		None

	Code	Name of entity	English name of entity	Address / web access	Role in permitting	Relevant to			Statute or relevant piece of legislation	Remarks
						exploration	extraction	post extraction		
	IT-E60	ARPA Emilia-Romagna	Regional Agency for the Environment Protection	http://www.arpa.emr.it/	Environmental monitoring	N	Y	Y	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None
	IT-E61	AUSL Bologna	Bologna Local Health Unit	https://www.ausl.bologna.it/	Health and safety controls	N	Y	N	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None
	IT-E62	AUSL Rimini	Rimini Local Health Unit	http://www.ausl.rn.it/	Health and safety controls	N	Y	N	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None
	IT-E63	AUSL Forlì	Forlì Local Health Unit	http://www.ausl.fo.it/	Health and safety controls	N	Y	N	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None
	IT-E64	AUSL Cesena	Cesena Local Health Unit	http://www.ausl.cesena.emr.it/	Health and safety controls	N	Y	N	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None
	IT-E65	AUSL Ravenna	Ravenna Local Health Unit	http://www.ausl.ra.it/	Health and safety controls	N	Y	N	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None
	IT-E66	AUSL Ferrara	Ferrara Local Health Unit	http://www.ausl.fe.it/	Health and safety controls	N	Y	N	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None

Code	Name of entity	English name of entity	Address / web access	Role in permitting	Relevant to			Statute or relevant piece of legislation	Remarks
					exploration	extraction	post extraction		
IT-E67	AUSL Modena	Modena Local Health Unit	http://www.ausl.mo.it	Health and safety controls	N	Y	N	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None
IT-E68	AUSL Reggio Emilia	Reggio Emilia Local Health Unit	http://www.ausl.re.it/	Health and safety controls	N	Y	N	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None
IT-E69	AUSL Parma	Parma Local Health Unit	http://www.ausl.pr.it/	Health and safety controls	N	Y	N	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None
IT-E70	AUSL Piacenza	Piacenza Local Health Unit	http://www.ausl.pc.it/	Health and safety controls	N	Y	N	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None
IT-E71	ENEL	National body for electric energy, multiutility group	https://www.enei.it/it-it	Authorisation in excavation near electric plants, electric pylons, Gas pipes	N	Y	N	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None
IT-E72	Hera	Multiutility group	http://www.gruppohera.it/	Authorisation in excavation near electric plants, electric pylons, Gas pipes, water pipes	N	Y	N	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None

	Code	Name of entity	English name of entity	Address / web access	Role in permitting	Relevant to			Statute or relevant piece of legislation	Remarks
						exploration	extraction	post extraction		
	IT-E73	Iren	Multiutility group	http://www.gruppohera.it/	Authorisation in excavation near electric plants, electric pylons, Gas pipes, water pipes	N	Y	N	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None
	IT-E74	AIMAG	Multiutility group	https://www.aimag.it	Authorisation in excavation near electric plants, electric pylons, Gas pipes, water pipes	N	Y	N	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None
	IT-E75	Romagna acque	Water management service	http://www.romagnacque.it/	Authorisation in excavation near water pipes	N	Y	N	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None
	IT-E76	Ferrovie dello Stato	Railway national institution	http://www.fsitaliane.it/	Authorisation in excavation near railway	N	Y	N	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None
	IT-E77	ANAS	National body for street and highway management	http://www.stradeanas.it/	Authorisation in excavation near highway or street of national interest	N	Y	N	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None
	IT-E78	Esercito Italiano	National military force	http://www.esercito.difesa.it/organizzazione/aree-di-vertice/comando-delle-forze-operative-terrestri/Comando-Forze-di-Difesa-	Authorisation in excavation near military area	N	Y	N	L.R. 18 July 1991, n. 17; R.D. 29/07/1927	None

	Code	Name of entity	English name of entity	Address / web access	Role in permitting	Relevant to			Statute or relevant piece of legislation	Remarks
						exploration	extraction	post extraction		
				Interregionale-Nord/CME-Emilia-Romagna/Pagine/default.aspx						
Court jurisdiction	IT-E79	TAR Emilia-Romagna	Emilia-Romagna Regional Administrative Court	https://www.giustiziaria-amministrativa.it	Regional Administrative Court	N	Y	Y		None
	IT-E80	TAR Lazio	Regional Administrative Court	https://www.giustiziaria-amministrativa.it	Regional Administrative Court	N	Y	Y		None
	IT-E81	TAR Puglia	Regional Administrative Court	https://www.giustiziaria-amministrativa.it	Regional Administrative Court	N	Y	Y		None

	Code	Name of entity	English name of entity	Address / web access	Role in permitting	Relevant to			Statute or relevant piece of legislation	Remarks
						exploration	extraction	post extraction		
	IT-E82	TAR Piemonte	Regional Administrative Court	https://www.giustiziaria-amministrativa.it	Regional Administrative Court	N	Y	Y		None
	IT-E83	TAR Veneto	Regional Administrative Court	https://www.giustiziaria-amministrativa.it	Regional Administrative Court	N	Y	Y		None
	IT-E84	TAR Lombardia	Regional Administrative Court	https://www.giustiziaria-amministrativa.it	Regional Administrative Court	N	Y	Y		None
	IT-E85	TAR Valle d'Aosta	Regional Administrative Court	https://www.giustiziaria-amministrativa.it/cdsintra/cdsintra/Organizzazione/Tribunaliamministrativiregionali/aosta/index.html	Regional Administrative Court	N	Y	Y		None

Code	Name of entity	English name of entity	Address / web access	Role in permitting	Relevant to			Statute or relevant piece of legislation	Remarks
					exploration	extraction	post extraction		
IT-E86	TAR Abruzzo	Regional Administrative Court	https://www.giustiziaria-amministrativa.it/cdsintra/cdsintra/Organizzazione/Tribunaliamministrativiregionali/lquila/	Regional Administrative Court	N	Y	Y		None
IT-E87	TAR Basilicata	Regional Administrative Court	https://www.giustiziaria-amministrativa.it/cdsintra/cdsintra/Organizzazione/Tribunaliamministrativiregionali/potenza/	Regional Administrative Court	N	Y	Y		None
IT-E88	TAR Calabria	Regional Administrative Court	https://www.giustiziaria-amministrativa.it/cdsintra/cdsintra/Organizzazione/Tribunaliamministrativiregionali/catanzaro/	Regional Administrative Court	N	Y	Y		None

	Code	Name of entity	English name of entity	Address / web access	Role in permitting	Relevant to			Statute or relevant piece of legislation	Remarks
						exploration	extraction	post extraction		
	IT-E89	TAR Campania	Regional Administrative Court	https://www.giustiziaria-amministrativa.it/cdsintra/cdsintra/Organizzazione/Tribunaliamministrativiregionali/napoli/	Regional Administrative Court	N	Y	Y		None
	IT-E90	TAR Friuli Venezia Giulia	Regional Administrative Court	https://www.giustiziaria-amministrativa.it/cdsintra/cdsintra/Organizzazione/Tribunaliamministrativiregionali/trieste/	Regional Administrative Court	N	Y	Y		None
	IT-E91	TAR Liguria	Regional Administrative Court	https://www.giustiziaria-amministrativa.it/cdsintra/cdsintra/Organizzazione/Tribunaliamministrativiregionali/genova/	Regional Administrative Court	N	Y	Y		None

Code	Name of entity	English name of entity	Address / web access	Role in permitting	Relevant to			Statute or relevant piece of legislation	Remarks
					exploration	extraction	post extraction		
IT-E92	TAR Marche	Regional Administrative Court	https://www.giustiziaria-amministrativa.it/cdsintra/cdsintra/Organizzazione/Tribunaliamministrativiregionali/ancona/	Regional Administrative Court	N	Y	Y		None
IT-E93	TAR Molise	Regional Administrative Court	https://www.giustiziaria-amministrativa.it/cdsintra/cdsintra/Organizzazione/Tribunaliamministrativiregionali/campobasso/	Regional Administrative Court	N	Y	Y		None
IT-E94	TAR Sardegna	Regional Administrative Court	https://www.giustiziaria-amministrativa.it/cdsintra/cdsintra/Organizzazione/Tribunaliamministrativiregionali/cagliari/	Regional Administrative Court	N	Y	Y		None

	Code	Name of entity	English name of entity	Address / web access	Role in permitting	Relevant to			Statute or relevant piece of legislation	Remarks
						exploration	extraction	post extraction		
	IT-E95	TAR Toscana	Regional Administrative Court	https://www.giustizia-amministrativa.it/cdsintra/cdsintra/Organizzazione/Tribunaliamministrativiregionali/firenze/	Regional Administrative Court	N	Y	Y		None
	IT-E96	TAR Trento	Regional Administrative Court	https://www.giustizia-amministrativa.it/cdsintra/cdsintra/Organizzazione/Tribunaliamministrativiregionali/trento/	Regional Administrative Court	N	Y	Y		None
	IT-E97	TAR Bolzano	Regional Administrative Court	https://www.giustizia-amministrativa.it/cdsintra/cdsintra/Organizzazione/Tribunaliamministrativiregionali/bolzano/	Regional Administrative Court	N	Y	Y		None

	Code	Name of entity	English name of entity	Address / web access	Role in permitting	Relevant to			Statute or relevant piece of legislation	Remarks
						exploration	extraction	post extraction		
	IT-E98	TAR Umbria	Regional Administrative Court	https://www.giustiziaria-amministrativa.it/cdsintra/cdsintra/Organizzazione/Tribunaliamministrativiregionali/perugia/	Regional Administrative Court	N	Y	Y		None

1.5. Licensing procedures for exploration

Summary of all the different permitting procedures for exploration

In Italy, for first category material the permitting authorities are regions (In Emilia-Romagna are province and municipalities). In general, for first category materials the permitting procedures starts with an exploration permit granted by the Region (for 2 years which can be extended), followed by an extraction concession also granted by the Region. The extraction project can be subject to EIA procedures (EIA regional office).

For second category materials (landowned) no exploration permits are granted as the areas are already defined in Mining Plans. An investor needs to buy the land or get permission from the landowner.

Differences for the different types of mineral deposits

All the competence related to solid minerals and mineral waters are delegated to each Region, except the marine ones. Each Region has different permitting procedures.

Description of the permitting procedures

Public entities involved in the process are connected to the Regional legislation, different in each Italian Region. Regarding the first category material the application for an exploration permit must be accompanied by a program of research and information that may demonstrate the technical capability, economic and professional of the applicant. For instance, in the Emilia-Romagna the competent regional structure issues the permit within 45 days of submission of the application.

Regarding the second category materials, no procedures for exploration are requested. In most of the Italian regions, areas suitable for exploitation are defined by a Mining plan (areas are already explored).

Timeframes

90 days

Geographic areas covered by the permit

No limits. Depends on the procedure.

Rights and duties of the licensee

For exploring for first category minerals investors need to pay 15,64 € x hectare. For second category minerals, the areas are already defined in the mining plans.

Legal nature of the rights

Exclusive

Links between the exploration permit and a future license for extraction;

For first category material, the exploration permits gives preferences in the permitting procedures for exploitation

Average length to get an exploration permit

90 days (only for first category minerals), no permits requested for second category minerals in most of the Italian regions

Main problems or major modifications related to exploration permitting

Main issues are related to the different legislation that exists from one region to the next; the documents requested for an exploration permit in one region may be different (or not enough) in another one.

1.6. Licensing procedures for extraction

Summary of all the different permitting procedures for extraction

Both first and second category materials' extractions are under regional competence. In the Emilia-Romagna, the extraction activity, related to quarries, is allowed with an authorisation of the municipality concerned, exclusively within areas defined by the Plan of Mining Activities (PAE) and after concluding a special agreement, as provided by Regional Law 17/91.

For second category materials, the society that asks for the extraction authorisation has to be the owner of the land. Each Region has different permitting procedures. The extraction plan has to be subject to EIA evaluation (EIA regional office).

Differences for the different types of mineral deposits

Regional competence: all solid minerals (except offshore)

National State competence: offshore mineral

Description of the permitting procedures

Regarding the first category material the application shall be accompanied by the following documentation:

- Overall project of mining,
- the name of the Director of exploitation and restoration work;
- the result of screening procedure as provided by L.R. 9/99 (Regulations concerning the environmental impact assessment procedure);
- the request to undertake the mining project to the environmental impact assessment procedure in cases provided by L.R. n. 9/1999;
- any other documentation required by current legislation.

The restoration project must indicate the manner and timing for the final dismantling of the facilities and equipment associated with the exploitation activities. After receiving of an application, the regional structure publishes on the web site a notice in order to catch any expressions of interest from other parties. In case of several instances, the license is awarded on the basis of the assessments of proposed projects and guarantees that applicants provide for technical and financial capability to ensure the proper execution of the proposed project, based on the criteria specified in the notice. The concession is awarded within 90 days of submission of the application.

Regarding the second category material: in the Emilia-Romagna, the extraction activity, related to quarries, is allowed with an authorisation of the municipality concerned, exclusively within areas defined by the Plan of Mining Activities (PAE) and after concluding a special agreement, as provided by Regional Law 17/91.

The authorisation request has to contain:

- availability of land;
- geological and hydrogeological relation;

- exploitation plan;
- restoration plan
- economic-financial plan
- Director of exploitation and restoration work

The authorisation shall specify:

- type and amount of materials that are allowed to be extracted;
- extension and the maximum depth allowed refer to specific benchmarks;
- how to restore the quarry;
- the date of the end of extraction authorisation;

Through the convention, the quarry owner assumes the obligation to provide for:

- the execution of works to connect the quarry with public roads;
- the execution of works that are necessary to prevent damage to other property and assets;
- the proper implementation of the plan of cultivation;
- the execution of the works provided for the final restoration;
- the establishment of adequate financial guarantees for the fulfilment of obligations under the Convention;
- the annual payment of a certain amount of money in relation with the type and amount of material extracted in the year, in accordance with the rates specified by the region.

The authorisation has to be released after completion of the EIA procedure, as required by LR 9/99.

Particularly for mining activities the law requires:

- to subject to EIA procedure all the mines (only valid for first category minerals);
- to subject to EIA procedure quarries with production more than 500,000 cubic meters per year, and/or with an area larger than 20 hectares, and, moreover, new are of quarry that fall, even partially, in wetlands and coastal areas, mountainous areas and forestry, natural protected areas, including areas contiguous to SCI (Sites of Community Importance) and SPA (Special Protection Areas), areas in which the environmental quality standards of Community legislation have already been exceeded, areas of high population density, landscapes of historical, cultural and archaeological heritage, state-owned areas of rivers, streams, lakes and public waters, with evaluation by the provinces;
- undergo screening procedure (simplified and preliminary EIA) other types of quarries.

Public entities involved in the process

The Public entities involved in the process are the same that gives the exploration permit

Timeframes

90 days (in Emilia-Romagna region only)

Geographic areas covered by the permit

For first category is defined in the mining project

For second category is drawn on the Mining Plan

Rights and duties of the licensee

In Emilia-Romagna only: an investor needs to pay the Regional administration an annual fee of € 41,60 x hectares (concession tax) + 3 times the concession tax as regional tax = € 166,40 x hectares.

For second category material, the duties to be paid annually (by the owner of the quarry) to the Regional Administration depend on the mineral and the Region as shown in the tables below.

Table 4: Italy. Duties to be paid by the extraction of second category minerals per region (€/m³).

Region	Sand/gravel	Ornamental stones	Peat	Limestone	Clay
Abruzzo	1.179 Gravel	10.257	-	From 0.636 to 0.956	0.652
Basilicata	Free	Free	Free	Free	Free
Bolzano	0.5 (0.3 grit)	0.7	0.6	0.5	0.5
Calabria	0.35 (2.5 for sand and gravel from the river bed)	from 0.6 to 1.50	0.3	from 0.35 to 0.45	0.45
Campania	1.22	1.63	0	0.99	0.93
Emilia-Romagna	0.70	0.32	1.03	0.64	0.56-0.64
Friuli Venezia Giulia	0.55	0.65	-	0.67	0.2
Lazio	0.3	2	0.3	0.5	0.3
Liguria	1.3	0.16	-	0.24	0.3
Lombardia	0.7	5.3	1.65	0.49	0.55
Marche	0.71	from 0.60 to 1.00 -		from 0.60 to 1.40	0.42
Molise	1	2	0.5	0.3	0.5
Piemonte	0.49	0.81	0.54	0.54	0.54
Puglia	0.08	0.11	0.08	from 0.08 to 0.13	0.07
Sardegna	Free	Free	Free	Free	Free
Sicilia	0.25	0.4	0.3	0.3	0.3

Region	Sand/gravel	Ornamental stones	Peat	Limestone	Clay
Toscana	0.48	0.48 (carrara marble 3.6 per ton)	0.29	0.48	0.22
Trento	Case by case	Porfido 7.19	Case by case	Case by case	Case by
Umbria	0.375	0.45	-	0.525	0.375
Valle d' Aosta	0.3	Free	Free	Free	Free
Veneto	0.62	0.36	0.62	0.36	0.52

Source: Regione Emilia-Romagna

Table 5: Emilia-Romagna region. Duties to be paid by the extraction of second category minerals.

Mineral	rate €/m ³
Sand and gravel from flood plain	0,70
Minerals from mountains	0,56
Other minerals from flood plain	0,56
Flysch	0,32
Limestone	0,64
Sand for industrial use	0,70
Clay for bricks	0,56
Clay for ceramics	0,64
Gypsum	0,70
Stones	0,32

Source: Regione Emilia-Romagna

Legal nature of the rights

exclusive

Average length to get an extraction permit (extraction concession)

90 days (for the Emilia-Romagna region only)

Main problems or major modifications related to extraction permitting

The main issue related to the extraction concession is related in particular to mines that actually do not have restoration plans. All the permitting chain works well and is clear and effective (most application for extraction permits for new quarries do not need an EIA study which often makes permitting procedures longer in time).

1.7. Court cases on permitting procedures

Case 1 – Umbria Region - Environmental requirements for the extension of a mining permit. Environmental Impact Assessment procedure

Case No.: Constitutional appeal no. 88/2012

Name of Court: Italian Constitutional Court

Date of Judgment: 21 October 2013

Judgment reference No.: 246/2013

Name of plaintiff (or appellant): President of the Council of Ministers

Name of defendant: Government of the region of Umbria.

Judgment in favour of: Government of the region of Umbria.

Relevant stage of permitting: Extension of a mining authorisation

Piece of legislation on which the claim (or appeal) is based: Art. 9 and 117 of the Italian Constitution

Description (summary) of the case: Court case: extension of exploitation permit due to the crisis

Umbria region, with the Regional Law 7/2012, art.5 introduced a simplification for the extension of exploitation permit, linking this simplification to the economic crisis.

The Italian President of the Council of Ministers contested this law saying it is in conflict with both the EU Directive on Environmental Impact Assessment and with the 152/2006 national legislation for the sector with reference with art.9 of the Italian Constitution (Environmental protection) and 117 (State is responsible for Environmental protection). With the Sentence 246/2013 the Constitutional Court concludes that regional provision met the environmental protection levels foreseen by the Legislative Decree. N. 152 of 2006, art. from 20 to 28 and Annex III, letter s), and IV, point 8, letter i), and with the principles of the EU Directive 85/337 / EEC, and therefore do not violate any provisions listed by the Government with reference to the Italian Constitution.

1 Brief summary of the Judgment

The question that the Italian Constitutional Court addressed in this judgment is whether certain rules on the extension of existing authorisations for the exploitation of quarries are according to the Italian Constitution and the European regulations on environmental impact assessment. Specifically, it is analysed if the Region of Umbria has powers to approve

regulations on the extension of mining authorisations that may affect the protection of the environment (as it is an exclusive power of the State) and whether the extension procedure is according to law as regulated by the regional rules.

The Constitutional Court rejected the appeal lodged by the State as it concludes that the region of Umbria is entitled to approve the mentioned regulations and that these regulations do not violate the European rules on environmental protection as it allows to authorize the extension of mining authorisations that were subject to environmental impact assessment when initially granted.

2 Legal analysis of the case

2.1 Description of the issue

As per the Judgment, under Italian law the State has the exclusive power to implement regulations on environmental protection whereas the Regions are entitled to approved complementary regulations provided that they guarantee a higher environmental protection level.

The Region of Umbria approved a law whereby a simplified administrative proceeding for the extension of mining authorisations in place on 31 December 2011 was included.

According to such new proceeding, mining authorisations could be extended for a maximum additional period of two years provided that the maximum amount of raw materials which exploitation was authorized is not reached. For such extension no environmental impact assessment was required under the new regional regulation.

The Italian Government alleged that the new regional law violates the distribution of powers between the central government and the regional one as the protection of the environment is considered as an exclusive power of the central government. The regional governments would only be entitled to approved additional regulations provided that they are more protective of the environment.

It was also argued by the Italian Government that the proceeding included in the new law of the region of Umbria does not guarantee an adequate level of protection of the environment as the extension of the mining authorisations could be granted almost automatically without passing a sufficient environmental assessment to ensure the environmental protection of the area in which the quarries are located.

On the other hand, according to the regional government of Umbria's position, the appeal must not be admitted for processing as legal requirements to do so are not met; it also alleges that the extension is not in any manner automatic and that the environment is duly protected.

2.2 Italian Constitutional Court Judgment

The Constitutional Court upholds, firstly, the cause of inadmissibility of the appeal as it did not comply with all the procedural requirements to lodge this type of appeals before the Constitutional Court.

However, despite the fact that the appeal was not properly filed, the Court analyses the merits of the case.

As per the Judgment, the new regional regulations on the extension of mining authorisations do not interfere with the power of the central government as the regional

entities are entitled to approved regulations on environmental protection developing both national and European laws.

The Constitutional Court states that the new regional regulation respects the useful effect of European Directives and does not breach the Italian Constitution. As per the Judgment, the extensions of mining authorisations under the new regional regulations only affect to the original mining authorisations that were previously subject to the a favourable environmental impact assessment proceeding.

In addition, the Judgment considers that including a new regulation on the extension of mining authorisations is consistent with the economic crisis suffered by that sector provided that the environmental values of the areas are protected. In this regard, the Judgment emphasizes that the extension would be granted, in any case, to authorisations that have previously pass the relevant environmental impact assessment procedures.

Therefore, the Judgment concludes that the new regional regulations do not breach the European ones on environmental protection, and specifically on Natura Net 2000 as no automatic extensions are allowed but it is ensured that the environmental values of the affected areas are protected.

3 Implications of EU law on national law

There is some express reference to EU laws in the Constitutional Court judgment as the dispute was focused on the interpretation of environmental impact assessment and Natura 2000 network regulations.

It is assessed whether the new regional regulations guarantee the environmental protection level as regulated in the EU laws. Specifically, it is analysed if it is in accordance with EU environmental laws that a new environmental impact assessment for the extension of mining authorisations is not required. Italian regulations are reviewed by the Constitutional Court on the basis of the requirements included in the EU law on protection of the environment.

4 Recommendations

In relation to the regulations on protection of Net Natura 2000 protected areas, it would be worth clarifying the rules to take into account in case of extensions of the authorisations that cover project to be carried out in these protected areas, such as mining authorisations. Specifically, whether the extension authorisation must be subject to an environmental assessment or not.

1.8. Success rates of exploration and extraction permits

Emilia-Romagna Region

Exploration: for second category minerals, no exploration permits are necessary (areas are defined in Mining Plans). For first category minerals, no applications (requests) were submitted to the onshore permitting authority in the period 2013-2015 (in the Emilia-Romagna region).

Extraction: the request for the extraction is made at the end of a consultation procedure with stakeholders and relevant institution, so the percentage of success of the request is 100%. The number of requests from 2013 to 2015 was of 45 quarry for aggregates, with 45 permits granted.

1.9. EU legislation impacting permits and licenses for exploration and extraction

- 1) Does your country have any restrictive regulation on the private or legal entities performing the duties of an exploration or extraction concessioner, operator and/or holder of mineral rights as compared to the Services Directive (2006/123/EC)?

No

- 2) Does any of your permitting documentation require the involvement/signature of a geologist or mining engineer? If yes, which are these permits? Does it require a BSc or MSc or PhD or chartered (certified) professional?

Yes, both for the documentation preparation (geological study) and as Director of the exploitation activity and for the coordination of activity. The person has to be in the list of certified geologist (Albo nazionale geologi).

- 3) Do you have legislation on financial guarantees (with regard to the Extractive Waste Directive, Art. 14)? Is the cost calculation of this guarantee done by an independent third party?

Yes, the calculation of guarantee is proposed by the owner and validated by the mining authority.

- 4) Is there a list of inert mine waste published in your country in accordance with Art. 1(3) of Comm. Dec. 2009/359/EC?

Yes, in managed by ISPRA

- 5) Do you use the risk assessment of 2009/337/EC Commission Decision of 20 April 2009 on the definition of the criteria for the classification of waste facilities in accordance with Annex III of Directive 2006/21/EC of the European Parliament and of the Council concerning the management of waste from extractive industries for abandoned sites as well?

Yes, <http://www.isprambiente.gov.it/it/banche-dati/strutture-di-deposito-di-tipo-a>

- 6) Has your country applied the waiver of the Landfill Directive paragraph 3 of Art. 3: MS may declare at their own option, that the deposit of non-hazardous non-inert mine waste, to be defined by the committee established under Art. 17 of this Directive can be exempted from the provisions in Annex I, points 2, 3.1, 3.2 and 3.3 (location screening, multiple barriers, leachate collection)?

Question not clear

- 7) Does a mine operator has to prepare and submit both a general waste management plan and a mine waste management plan as well? To the same or separate authorities?

They have to be submitted together with the exploitation project and have to be updated

- 8) Has your national legislation transposed the Accounting Directive (2013/34/EC), with special regards its Art. 41-48 on the extractive industry? Do these rules on financial reporting appear in the concession law or mining act either?

Yes, with the DECRETO LEGISLATIVO 18 agosto 2015, n. 136. N/A

- 9) Has your national legislation transposed the Transparency Directive (2004/109/EC, 2013/50/EU), especially Article on the extractive industry? Do these rules appear in the concession law or mining act either?

Yes, DECRETO LEGISLATIVO 15 febbraio 2016, n. 25. N/A.

- 10) Does your competent authority ask for or check the CE marks of the exploration or extraction equipments when permitting or when having on-site inspections? Does the mining authority have a regulatory/supervision right in product safety/market surveillance in accordance with Regulation (EC) No 765/2008 of the European Parliament and of the Council of 9 July 2008 setting out the requirements for accreditation and market surveillance?

Yes, all the equipments are CE compliant and have to be accompanied with the maintenance and use manual. The control is made by different public entities, in relation to the type of equipment.