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Our Ref.

**Communication from the Commission -
TRIS/(2017) 00291
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Translation of the message 001
Notification: 2017/0043/I**

The National Council of Geologists indicated that in the text of the NEW TECHNICAL STANDARDS FOR CONSTRUCTION notified by Italy to the European Commission, with n. 2017/0043 / I - B20, show the following

Incongruities and Issues

1. The section 6.2. (*"articulation of the project"*) should be replaced in its entirety by the following sentence, in order to make clear the importance of a geological report as an integral part of the geotechnical design: *"The design of geotechnical works and interventions should be structured in accordance with the following sequence reported:*
 1. *choosing the type of work and intervention;*
 2. *Programming of the investigations and trials in preparation for the design;*
 3. *characterization and site geological modeling and 'significant geomorphological context;*
 4. *Physical-mechanical characterization of soils and rocks present in significant volume and definition of geotechnical models of the subsoil;*
 5. *defining stages and modalities of a building;*
 6. *verifications of safety and performance;*
 7. *planning of activities of a control and monitoring. "*
2. In paragraphs 6.2.1. (*"Site Characterization and geological modeling"*) and 6.2.2. (*"Investigations, geotechnical characterization and modeling"*) it's expected that the investigations preparatory to geotechnical design are of two different types: (a) "geological" investigations and (b) investigations and tests of "geotechnical nature", of which is responsible the designer. Actually, the campaign of preliminary investigations at the geotechnical design should be unitary. In addition, in those paragraphs they should be distinguished the elaborate professional geotechnical, foreseeing that:
 - a) one - (signed as a rule, by a different professional from the one who write the report project geotechnical)- must contain the report on the investigation (soil and

subsoil) and modeling of the significant volume geotechnical (descriptive of the soil and subsoil answers);

b) another must contain the geotechnical report of project concerning the specification of the whole project-land and its response to stress, full of checks and calculations on buildings to build.

3. In paragraph 6.2.1. not include that the geological report must contain specific references and studies on matters relating to the seismicity of the places where will be realized the constructions. It's necessary, instead, to provide that this report have to contain the definition and characterization of the seismic aspects of the territory and the environment in which it is expected the construction to be carried because they are essential for the analysis of the seismic response, also in order to determine when it is actually necessary.

The amendments to the text of the New Technical Standards for Construction notified, as described above, are of paramount importance, since the anomalies and problems create a difference between the design geotechnical codified at Community level and the one that is being developed in Italy.

Consequently, these new regulations are also potentially incompatible with the directives on the free movement of services or freedom of establishment of service operators within the Community market.

We are confident that the Commission will take due account of the observations above resigned, and the National Council of Geologists remains available for any further information and thanks in advance.

With best regards.



THE PRESIDENT
Francesco Peduto

A handwritten signature in dark ink, appearing to read "Francesco Peduto", is written over the printed name.