

c.a. **Opere Pie Riunite (PG)**

[REDACTED]
Via Campo di Marte, 9
06124 PERUGIA

Municipality of Perugia

[REDACTED]
Corso Vannucci, 19
06121 PERUGIA

a.f.k. **President of the Umbria Region**

**Councilor for the Environment and S.S. Umbria
Region**

Head of the VIA Service Umbria Region

Director ARPA Umbria

**Head of the VIA Service ARPA
Umbria**

**Mr. Mayor of the Municipality
of Torgiano**

**Mr. Mayor of the Municipality
of Deruta**

RE: realization of the Maxi stable project with attached biogas plant in the locality of Santa Maria Rossa (PG) - **Warning to proceed** -

The undersigned [REDACTED] born in [REDACTED] on [REDACTED], resident in S. Maria Rossa (PG), [REDACTED] as President of the NO-MAXISTALLA Committee based in Strada S. Maria Rossa, 92 (PG)

GIVEN THAT

he has learned from the local press of the implementation of a “model” breeding project presumably of 700-800 heads of cattle with an attached biogas plant for the treatment of livestock slurry produced in Santa Maria Rossa, Municipality of Perugia;

450 signatures were collected and presented to the Municipalities of Perugia, Torgiano and Deruta to sign a letter declaring the citizens' firm opposition to the execution of the work referred to in this letter of formal notice;

the work in question should be carried out on land owned by the Opere Pie located in the Municipality of Perugia with an area of about 20 hectares bordering areas of administrative competence of the Municipalities of Torgiano and Deruta;

WHEREAS

in the area involved in the implementation of the project, the aquifer is particularly superficial given that the minimum depth is about 1 meter against a depth ranging from 30 to 100 meters in the other areas of Umbria;

this area has been identified as a zone vulnerable to nitrates (ZVN) called San Martino in Campo (DGR n.881 of 25/06/2003), where the concentration of nitrates (MTV 19 station: period 2006-2009 equal to 92.9- 74.1 mg/ L) is significantly higher, more than double the average values of the rest of the Umbria Region (37 mg/ L);

The use of sludge for biogas production results in the production of digestate and consequent fertilization;

A dairy cow produces 21.9 t/year of sludge, which translates to 8.6 t/year of digestate and 80 kg/year of nitrogen;

in areas declared vulnerable to nitrates, only 170 kg/ha of nitrogen can be introduced per year, and therefore it would take approximately 0.5 hectares of intensively cultivated land to dispose of the nitrogen from one dairy cow. However, for 700-800 head of livestock, 350-400 hectares of land would be required;

The area intended for the project is approximately 20 hectares, which is absolutely insufficient for the number of livestock planned;

the land intended for the project is classified as an "area of particular agricultural interest in the plain" by the Perugia Town Council's General Development Plan, with a flood risk (C river band), and is Unit 35 of the Landscape for which, according to the Perugia Town Council's General Development Plan (Article 38 T.U.N.A. Particular Provisions), new buildings and related facilities for agricultural and livestock activities are not allowed. Therefore, a variant from the Perugia Town Council to the General Development Plan would be necessary for the project to be carried out;

the maxi barn project would be located in an area populated by settlements such as Santa Maria Rossa, San Martino in Campo, San Niccolò di Celle, Viale fraction, Venturello fraction, La Pescara, and Fornaci, etc. and the distances between the land intended for the project and the adjacent settlements and farmhouses, both existing and newly buildable, are less than the legal limits for such productive settlements;

This project would have significant negative environmental impacts and potential odor emissions and groundwater pollution would create public health problems in the area, as well as significantly reducing the quality of life of the local population and negatively affecting the artisanal, artistic, and cultural areas of the neighboring municipalities of Torgiano and Deruta, it would also depreciate the real estate values of the surrounding lands and buildings;

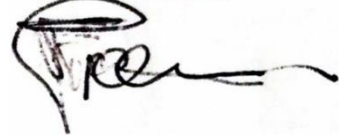
WARNING

The organizations are warned not to proceed with the presentation and implementation of the above-mentioned project, as well as any changes to the Perugia City Plan aimed at implementing the project, otherwise appropriate measures will be taken to protect the environmental and public health interests of the local population in the regional, national, and European administrative and judicial forums.

S. Maria Rossa, 23 February 2011

(The President)

Il Presidente

A handwritten signature in black ink, appearing to be 'M. Rossi', written over a faint, illegible stamp or background.