



ITALIAN REPORT TO GGM IN HONDARRIBIA 15-18 SEPTEMBER

INCINERATORS MAP

Now in Italy there are 50 MSW incinerators in operation. Despite of 31 million tons of trash only 10% is burned and only 7% of 59 million tons of industrial waste is treated in incinerators (source: APAT-ONR 2006). Others are under construction and there are many proposals of new incinerators as an high number of cement kilns burning waste as biomass "electric power plants" burning waste material from paper and wood industries.

This below is a complete list (from north Italy to south) of MSW incinerators and of part of cement kilns burning RDF or "power plants" burning biomass (note: *under every facility we use some signs to point existing opposition and its strength* *opposition; ** strong opposition; ***very strong opposition).

- Bolzano* (there is an old 200 tons/d MSW incinerator under doubling)
- Trento** (local administrators are trying to a new 400 tons/d msw incinerator)
- Trieste (there is a MSW incinerator that in jenuary 2007 exceeded dioxin law limits)
- Udine* (In Torviscosa there is a cement kiln burning RDF)
- Venice (MSW incinerator)
- Verona* (MSW incinerator now stopped because under doubling)
- Padua* (MSW 240 tons/d incinerator, now another line is under evaluation)
- Vicenza (a Schio there is a MSW incinerator)
- Treviso** (in Silea and in Mogliano Veneto there are two incinerators proposal from local industries)
- Monselice** (next to Padua: cement kilns burning trash coming from Italy)
- Como* (there is a very old 170 tons/d MSW incinerator)
- Merone** (next to Como: there is a cement kiln burning trash)
- Bergamo* (MSW incinerator)
- Cremona* (old MSW incinerator)
- Varese (in Busto Arsizio: there is a new MSW incinerator)
- Milan (in Milan area there are four MSW incinerator but now there is a new incinerator proposal)
 - 1-Silla:new MSW incinerator burning 1500 tons/d;
 - 2- Desio: MSW 250 tons/d incinerator;
 - 3-Sesto San Giovanni: MSW 260 tons/d incinerator;
 - 4- Trezzo D'Adda: a new big MSW incinerator
- (Only in part of Milan there is same opposition)
- Brescia* (the most famous and biggest MSW 2000 tons/d in Italy)
- Pavia (in Parona there is a MSW 450 tons/d incinerator)
- Lecco (MSW 200 tons/d incinerator)
- Mantua* (here there are some incinerators burning MSW and waste matter from paper mills)
- Tourin** (Administrators are trying to build two big MSW incinerator)
- Novara** (there is an MSW proposal)
- Vercelli (old and small MSW incinerator)

Cuneo* (here is an MSW incinerator and one cement kiln burning RDF)
 Genua** (800 tons/d MSW incinerator proposal)
 Boulogne* (600 tons/d MSW incinerator in Granarolo)
 Modena** (old 400 tons/d MSW incinerator under doubling)
 Reggio Emilia** (250 tons/d MSW incinerator)
 Piacenza (450 tons/d MSW incinerator)
 Parma** (proposal of new incinerator)
 Ferrara** (old 160 tons/d incinerator under triplication)
 Forli *** (old 190 tons/d MSW incineration under doubling and others plants burning biomass)
 Ravenna* (old 150 tons/d MSW incinerator, one cement kiln burning RDF and others proposals to burn biomass)
 Rimini** (old 400 tons/d MSW incinerator in Coriano under doubling)
 Pisa* (old 200 tons/d MSW incinerator burning also medical waste)
 (in Gello**, next to Pisa there is a new incinerator proposal)
 Livorno* (old 200 tons/d MSW incinerator)
 Pietrasanta* (in Lucca Province: it is burning 170 tons/d MSW)
 Castelnuovo Garfagnana** (in Lucca Province: very old 30 tons/d MSW incinerator)
 Borgo a Mozzano*** (in Lucca Province: proposal of de-ink sludges 400 tons/d incinerator)
 Pistoia*** (in Montale Pistoiese very 125 tons MSW incinerator under doubling)
 Prato** (an old 90 tons/d sludge incinerator and a new incinerator proposal
 Now in stand by)
 Florence*** (new 500-700 tons/d proposal in Sesto Fiorentino. Another 30 tons/d incinerator is operating in Rufina** and now is under triple. A new one is proposed in Chianti's area in Greve)
 Siena* (in Poggibonsi: old 150 tons/d MSW incinerator under doubling)
 Arezzo** (in San Zeno old 170 tons/d MSW incinerator; very close the town there is a cement kiln burning RDF; another incinerator is burning hazardous waste and there is a "power plant" burning biomass in Castiglion Fiorentino)
 Grosseto** (in Scarlino there is a 350 tons/d incinerator now burning biomass that local administrators want to shift in MSW burning facility)
 Perugia* (a MSW incinerator proposal now stopped)
 Gubbio* (next to Perugia: a cement kiln owners want to burn tires. Now this proposal have been stopped)
 Terni* (a MSW incinerator; a cement kiln burning waste and another plant Burning biomass)
 Rome** (one 200 tons/d medical waste incinerator, a 500 tons/d MSW gasification plant under construction in the Malagrotta big landfill area)
 Colleferro (next to Rome: there are two RDF incinerators very close each other burning about 500 tons/d from all Italy)
 Frosinone (in San Vittore there is 300 RDF tons/d incinerator)
 Orciano- Schiappe*** (in Pesaro-Urbino Province: a biomass 500 tons/d incinerator proposal now stopped)
 Macerata (a 200 tons/d MSW incinerator)
 Acerra*** (very close to Naples)
 (here is a 2000 tons/d MSW incinerator under construction. Now the facility is under sequestration by magystrature and 28 fellows included *Mr. Bassolino, Campania Region Government President*) are under trial. *So we can understand Campania and Naples area drama.*

National and Regional Governments in the last 13 years worked to block any sort of separation collect now stopped at 7%. In this way trash often remain uncollected and smelling along streets. When it is collected it is sent to RDF facilities (three plants in the area) where trash is shredded and after a very rough sifting is bailed. (the sadly "famous" "ecoballe" raising as mountains of...trash) Right now there are 10.000.000 tons piled in the mid of peach orchards of Giugliano a Municipality very close to Naples. But this RDF is too much wet to be burned even. IT IS A VERY DISASTER. Instead of starting in separation collection and banning part of plastic packaging officials are trying to reopen old landfills waiting for the three huge incinerators planned. So there is a very strong opposition in Serre -a very green natural park area next to Salerno- in Lo Uttaro- in Caserta Province and in Terzigno inside Vesuvio natural Park. But it is not enough. In fact in Acerra (an agricultural area) famous for "mozzarella" a sort of buffalo's cheese) health authorities found very high dioxin levels in buffalo milk, in sheep milk and in soil (so, now Acerra is included in "dioxin red zone" by Regional Government that...want to build an huge Incinerator.

Authorities said it is because open sky trash fires from (it is in part true) some "camorra" people (a form of crime organized similar to sicilian "mafia"). But they "forget" that in the last 20 years Campania was center of toxics waste traffic from all Italy and maybe from all Europe. In the last years Acerra agricultural soils were spreaded of bottom ash from north italian incinerators as ...agricultural sludges!

Despite of this context there are two others incinerators proposals in Santa Maria La Fossa (800 tons/d MSW incinerator) and Salerno** (800 tons/d inc.) Rete Nazionale Rifiuti Zero organized a national demonstration in the last 19th may involving about 15000 people from all Italy to support local communities and to foster ZERO WASTE ROAD . In the last we have to add that in Casalnuovo (very close to Acerra) there is a small incinerator burning industrial waste as in Nocera Inferiore** in Salerno Province.

Melfi (Potenza) (a MSW and others industrial waste 276 tons/d incinerator)
Cerignola (foggia) (an industrial waste incinerator)
Taranto* (in Statte a MSW incinerator)
Massafra** (RDF and biomass 600 tons/d incinerator)
Modugno* (Bari) (MSW incinerator under construction)
Canosa* (Bari) (MSW and others waste incinerator under construction)
Crotone (in Cutro an electric power plant burning RDF and biomass)
Gioiatauro** (Reggio Calabria) (a MSW 300 tons/d incinerator under doubling)

SICILY***:

Messina (MSW very old incinerator)
Bellolampo* (Palermo) (1000 tons/d MSW incinerator proposal)
Augusta** (Siracusa) (a very big MSW incinerator proposal)
Casteltermini** (Agrigento) (a very big MSW inc. proposal)
Paternò** (Catania) (a very big MSW incinerator proposal)

A few months ago two leaders of Environment Regional Agency (Gicchino Genchi And Alessandro Pellerito) were removed because of their negative mind to incinerator air emission authorization. This makes clear how many economic

interests are involved in an area where "mafia" is sadly "famous".

SARDINIA**

Macomer (Nuoro) (200 tons/d old MSW incinerator)
Sassari (in Capoterra: 476 tons/d MSW incinerator)
Ottana** (Nuoro) (800 tons/d MSW incinerator proposal)
Cagliari * (big MSW incinerator proposal)

AND DEMOCRACY MAP

There are local groups fighting against nearly all these incinerators sites and trash dumps.

We have calculated over 65 italian areas involved. The most part of these are linked to Rete Nazionale Rifiuti Zero and has organized GGD activities against incinerators for alternatives. Italian Network Zero Waste was born in Acerra in December 2004 and now it is involving over 200 local groups. One of the most important activity of Rete Nazionale Rifiuti Zero (promoted together with Italian Greenpeace) was a signatures collection **against incinerators subsidies** (in Italy electric power from incinerators is bought from Government paying three time the normal price) then delivered to Italian Parliament on last 28th september. Now, after this petition, **NATIONAL PARLIAMENT HAS STOPPED SUBSIDIES TO NEW INCINERATORS BUT IS GOING ON SUPPORTING THE OLD ONES. UNTILL NOW 30 BILLIONS EUROS HAVE BEEN GAVE AWAY TO DIRTY INCINERATION INDUSTRY to enliven burning waste as "alternative fuel".**

THE GOOD NEWS

In 2003 italian municipalities over 50% of separated collection were 507.
In 2006 were about 1000 involving 10 millions people. Only in three years they are doubled because of strong popular opposition to incinerators. Maybe the most important success is in **TREVISO AREA** where discards separation is involving over 226000 inhabitants of 23 municipalities with a global 77% of discards recover. But there are many others municipalities reaching 70 and 80% of material recovered. Other important results are in **NOVARA** (70% of recover and 100.000 inhabitants), **ASTI, VERBANIA, GORIZIA.**

BUT THE FIRST ITALIAN MUNICIPALITY (in early 2007) TO DECLARE ZERO WASTE BY 2020 WAS CAPANNORI a Tuscany municipality of 46000 inhabitants. Currently here a "door to door" collection system has reached 82-83% of material separation. "Door to door" collection is started in Parma, Reggio Emilia and in Rome. In Rome "door to door" is involving 250.000 inhabitants and has reached 60% of material recover. But others good news are coming from the south part of Italy where communities involved in "door to door"(about 30) have reached over 50-60% of materials recover. Good part in these very good news is from **SCUOLA AGRARIA DEL PARCO DI MONZA** whose most famous leader is **ENZO FAVOINO** one of most european expert in composting - recycling issues.

ITALIAN ZERO WASTE "HEROES"

First of all doctor **PAUL CONNETT**. He has been supporting Italian groups since 1996 when in **LUCCA** (Puccini's Tuscany town) we **DEFEATED TWO INCINERATORS PROPOSALS**. More than 30 Paul's Italian trips (most were organized from Rete

Nazionale Rifiuti Zero and co-ordinating from based in Lucca organization (AMBIENTE E FUTURO) have helped local groups very much. Paul has met every town pointed on fighting against incinerators.

BEPPE GRILLO (a very famous Italian showman) with his very funny shows full of people. His clever comit spirit has supported most of local battles all over Italy showing as political power and politicians are often servant of corporations and corrupt.

The scientists ANTONIETTA GATTI and STEFANO MONTANARI who with their researches about nanoparticle has pointed out a terrible new danger from incinerators and from every form of high temperature combustion. But we thanks also ISDE doctors (like Patrizia Gentilini , Ernesto Burgio, Valerio Gennaro), MEDICINA DEMOCRATICA experts and activisties and FEDERICO VALERIO del Cancer Researc center of Genua who are supporting local groups with their health risk informations from incinerators.

At the end we thanks ALL LOCAL GROUPS that with their civil passion are trying to save a very weak democracy.

"ARGUMENTS" MOST USED FROM "INCINERATOR PARTY" IN ITALY

" incinerator as TERMO- EXPLOITATION"- "Gasification as molecular dissociation" from Green Party- "in Vien, in Copenagen and in Germany incinerators are inside towns but nobody protests"- " BAT incinerators emit less dioxin and nanoparticle than traffic and domestic fires"- "Germany is a model in waste and in environmental management and uses incinerators"- " popular opposition to incinerators is because there is not scientific information"- " incineration is useful to tackle global warming"- " separation collection is good but we need to solve "residual treatment issue"- " let us build news incinerators if you don't want to end as in Naples wasate crisis"- " popular opposition to incinerators is NYMBY opposition (Not in My Back Yard)"- " it is impossible to recycle all materials from "door to door "collection"- "also from paper recover we have many waste (de-ink sludges) we need to burn"- " combustion of all types of biomass reduce CO2 emission"-

HOT "TOPICS" TOWARD ZERO WASTE IN ITALY

Screening and MBT treatment of residual waste- Research Center in front of landfill to redesign packaging no recyclable or not compostable- show advantages in CO2 reduction emissions from ZERO WASTE STRATEGY- New informations about dioxin emission from new BAT incinerators- New informations about health risks from nanoparticle from incinerators.

[HTTP://ambientefuturo.interfree.it](http://ambientefuturo.interfree.it)

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