

COMANDO CARABINIERI PER LA TUTELA AMBIENTALE E LA SICUREZZA ENERGETICA

Carabinieri Environmental Protection
and Energy Security Command



**Lieutenant
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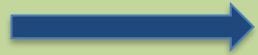
INTRODUCTION TO ENVIRONMENTAL ITALIAN LAW

DEFINITIONS AND CLASSIFICATION OF WASTE

WASTE: ANY OBJECT OR SUBSTANCE WHICH
THE HOLDER



DISCARDS



INTENDS TO DISCARD



IS REQUIRED TO DISCARD

BUT ALSO



URBAN AND INDUSTRIAL WASTE WATERS



GASEOUS EFFLUENTS EMITTED INTO THE ATMOSPHERE



RADIOACTIVE WASTE AND MINING OPERATIONS WASTE



CATEGORIES OF WASTE BY



ORIGIN



- **URBAN WASTE**
- **SPECIAL WASTE**



DANGER



- **DANGEROUS WASTE**
- **NOT DANGEROUS WASTE**

**WASTE BY ORIGIN
CAN BE:**

**URBAN SOLID
WASTE**

**(Rifiuti Solidi
Urbani)**



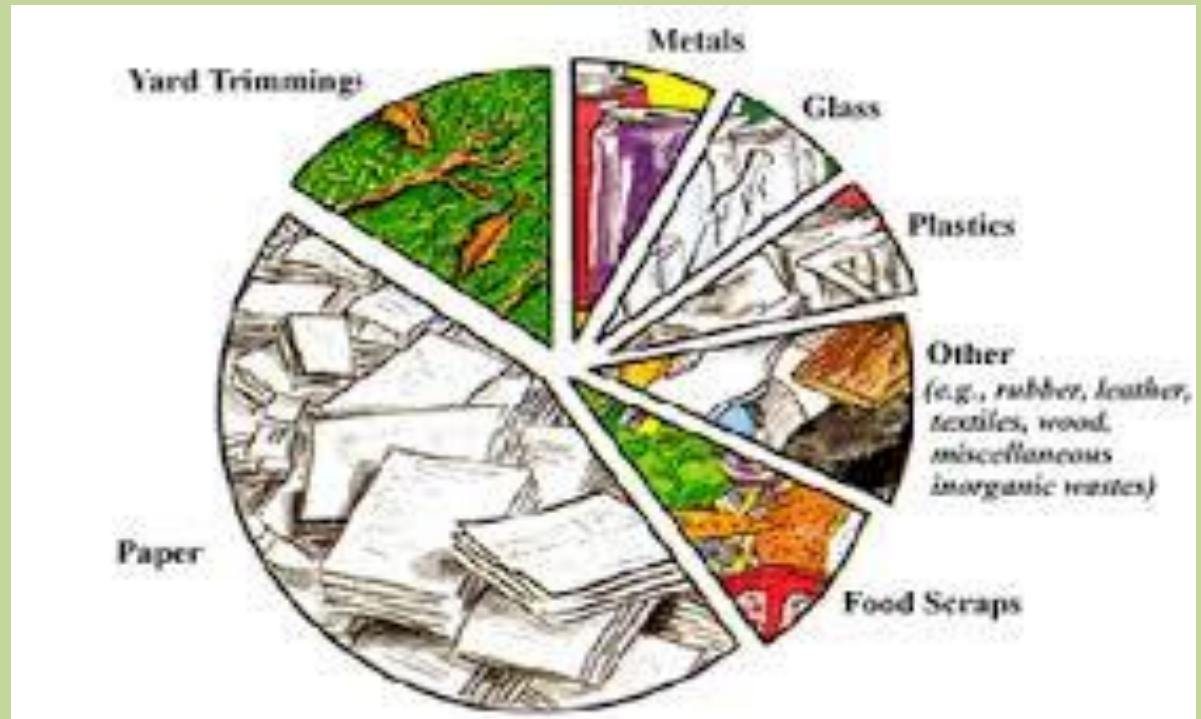
**GENERATED
BY**



HOUSEHOLD



**COMMERCIAL, CONSTRUCTIONAL
AND ARTISANAL ACTIVITIES,
SIMILAR TO URBAN (RSU)**



SPECIAL WASTE (RS)



DANGEROUS



NOT DANGEROUS



INCLUDING ALSO:

- INDUSTRIAL**
- CONSTRUCTIONAL**
- ARTISANAL**
- AGRICULTURAL**
- COMMERCIAL**

FURTHERMORE, ARE CONSIDERED SPECIAL WASTE:

1 DIGGING AND DEMOLITION MATERIALS



2 OLD CARS AND DISMANTLING VEHICLES



3 WASTE PRODUCED BY HOSPITALS AND CLINICS



CEM447 (R) © www.earthphoto.com

4 WASTE COMING FROM INCINERATOR



5 INCINERATION WASTE



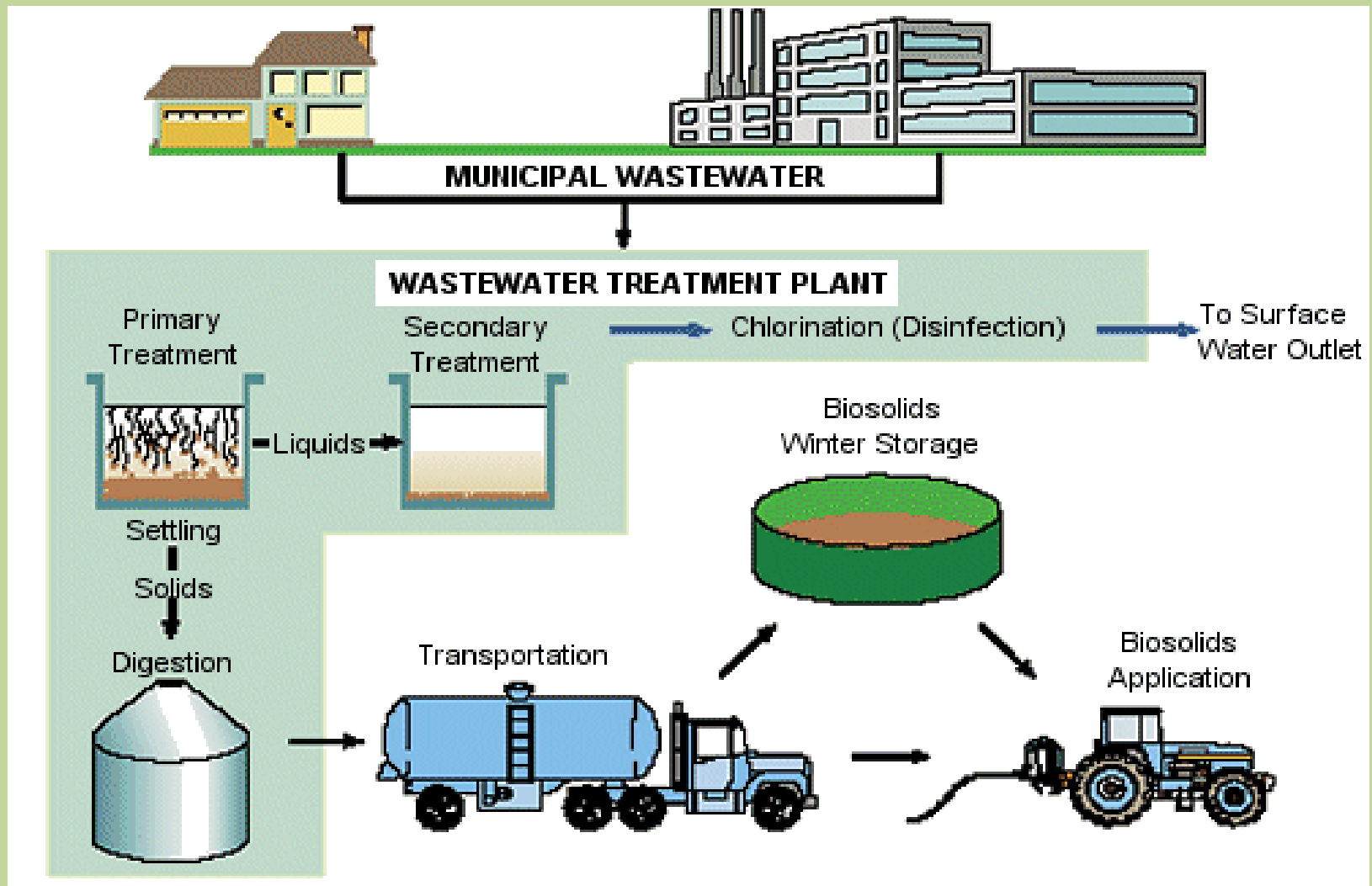
RESIDUAL OF THE TREATMENT OF SOLID WASTE

➔ INCINERATION
WASTE

➔ RECYCLING
OF WASTE
RESIDUALS

➔ WASTE WATERS TREATMENT SLUDGE –
SOLID MATERIAL AND SLUDGE

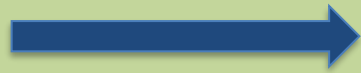




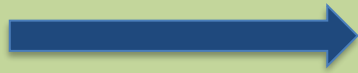
MUNICIPAL SEWAGE WATER TREATMENT



DANGEROUS WASTE (RP)



**FOR THE HEALTH AND/OR
FOR THE ENVIRONMENT**



**MAINLY INDUSTRIAL
WASTE, WITH ONE OR
MORE OF THE FOLLOWING
HAZARDOUS PROPERTIES**

FLAMMABILITY



TOXICITY – HARMFULNESS - IRRITANCY



CORROSIVITY



CARCINOGENICITY



**NOT HEREDITARY CONGENITAL
MALFORMATION**

HEREDITARY GENET DEFECTS

INFECTIVE



**HUMAN OR OTHER LIVING ORGANISMS DISEASES
TRANSMITTED BY MICRO-ORGANISMS CONTAINED IN
WASTE**

REACTIVITY



**PRODUCTION OF HEAT, TOXIC GASES OR OTHER
HAZARDOUS PRODUCTS, DUE TO CONTACT WITH
WATER, AIR, OTHER WASTE**

EXPLOSIVENESS



WHAT AFFECTS HAZARDOUSNESS

???



CONCENTRATION OF HAZARDOUS COMPOUNDS

ALWAYS HAZARDOUS FOR THE LAW ARE THESE WASTE:



PHARMACEUTICAL PRODUCTS, MEDICINES

INKS, DYES, PAINTS, VARNISHES AND LACQUERS

MINERAL OILS

PHOTOGRAPHIC LABORATORIES PRODUCTS

BATTERIES AND ACCUMULATORS

EXHAUSTED SOLVENTS

USED CATALYTIC MATERIALS

PHARMACEUTICALS AND OTHER MEDICINAL PRODUCTS



INKS, DYES, PIGMENTS, PAINTS AND VARNISHES



MINERAL OILS



BATTERIES AND ACCUMULATORS



TASKS

WASTE TRAFFICKING IS BECOMING AN INTERNATIONAL PHENOMENON THAT'S WHY IS FUNDAMENTAL:

- **International cooperation among judicial authorities and the Police structures which are envolved in fighting against environmental crime and tackling organised crime through Europol and Interpol (very important are also direct meetings between detectives);**
- **Referring - in facing environmental illegality - to specialized units, creating information exchange and collaboration also between judicial offices;**
- **Raise environmental awareness and increase the strenght of fighting actions towards new instruments such as prevention measures in the field of property/capital/assets, intelligence activity, etc.;**
- **Enhance the strength of controls and tightening of the administrative authorization procedures.**

**THANKS FOR YOUR
ATTENTION**