





Dr. Roberto Mastracci, the Sole Administrator of ATENA Consulting srl, has been addressing issues related to environment and safety in the workplace for several years, by embracing any kind of business problem both in private and public sectors, through the technical assistance of its customers.



**A.T.E.N.A. Consulting srl** is a **point of reference** for Italian and foreign companies regarding the management of environmental issues and issues related to safety in the workplace. The **twenty-year experience** of its Sole Administrator, a Chemist, and the **professionalism of its technical staff** composed of qualified professionals with a multidisciplinary education, constantly support the companies in any kind of issues in the above-mentioned fields: the customer needs are **assessed** and customized solutions for any kind of request are provided through the identification of the most effective and long-lasting **alternatives**, taking into consideration the predictions of future developments, limiting the investments and protecting the environment.

After a **direct approach** or **environmental audits** carried out in companies, the consulting activity embraces several fields of intervention ranging from **design** to **construction** of industrial plants, from assistance aimed at obtaining **authorizations in the environmental field** to the management of plants, from the design of **remediation** measures to their implementation, from the assessment of **risks** related to the workplace to the on-site assistance in order to prevent accidents, from the specific internal **training** to the organization of **conferences** at national level.

# ENVIRONMENTAL FIELD

## ***ASSISTANCE in Italy and abroad***

- Decommissioning and dismantling of plants
- Decision making for investments
- Business plans and feasibility studies for investments
- Verifications of state-owned property for investments
- Marketing abroad of products MADE IN ITALY
- Feasibility studies, design and assistance for the construction of production plants and waste treatment plants abroad

## ***WASTE in Italy and abroad***

- Environmental audits
- Verification of compliance with environmental legislation
- Verification of proper waste management in the companies
- Assistance for waste classification, including through laboratory analysis
- Consulting for waste disposal/recovery
- Design of waste management plants (storage and treatment platforms, landfills, waste-to-energy plants, leachate treatment plants, etc.)
- Supply of waste treatment plants (medical waste sterilization plants, waste selection plants, anaerobic digesters, waste-to-energy plants, WEEE recovery plants, inertization plants, etc.)
- Execution of operational procedures for waste management in the company and/or in waste disposal/recovery plants
- Development of practices for the request for authorization for Storage, Recovery and Disposal of hazardous waste
- Execution of communications practices for the recovery of hazardous and non-hazardous waste
- Environmental Impact Assessments (EIA)
- Registration in the National Register of Environmental Operators (waste transport and intermediation activities)
- Assistance and development of practices for waste transboundary transport
- Assessment of treatment and recovery methods of specific types of waste (such as railway sleepers, bottom ash)

# ENVIRONMENTAL FIELD

## WASTE *in Italy and abroad*

- Technical-legal assessment in relation to the application of the legislation for earth and rock excavation (waste or by-products)
- Technical assistance for the implementation of the legislation on earth and rock excavation as by-products: development of the reuse Plan, sampling and laboratory analysis for the verification of chemical-physical characteristics of the land and the site, assistance for the compilation of shipping documents, interface with the relevant bodies
- Design and supply of ABP treatment plants (animal by-products)
- Interface with Competent Bodies and/or Judicial Authorities during site visits and/or administrative procedures
- Technical assistance for industrial due-diligence
- Assessment of production processes and waste produced, support to corporate decisions in terms of gains resulting from management methods
- Design of waste management and separate collection plans
- Technical assistance and internal training for the use of SISTRI
- Training courses, corporate and/or ONE-TO-ONE courses and training on the proper Document Management of Waste and their classification
- Drafting of the Environmental Declaration Form (MUD)
- Consulting on asbestos remediation, disposal and transport
- Monitoring and censuses for asbestos risk
- Consulting for the transport of hazardous goods by road (ADR)
- Notifications, Analysis and Disposal of PCBs
- Technical Manager for the registration in the National Register of Environmental Operators

## LANDFILLS *in Italy and abroad*

- Feasibility studies for the construction of landfill facilities on the basis of the population, waste production, waste treatment plants present in the area and the environmental impacts expected
- Assessment of the suitability of the sites selected for the construction of landfill facilities
- Design and assistance in the construction of landfills for the following types of waste:
  - Non-hazardous
  - Hazardous
  - Inert
  - Asbestos
- Preparation of Plans required by the Legislative Decree no. 36/03 and the Directive 1999/31/EC: operational management plan, post-operational management plan, financial plan, monitoring and control plan, environmental restoration plan and adjustment plan
- Development of practices for obtaining the authorizations for the construction and management of landfills (EIA-IEA)
- Technical assistance and consulting for the management of landfills
- Training courses on the proper management of landfills, the checks to be carried out, the recognition of problems and their solution
- Execution of operational procedures for the basic characterization of incoming waste
- Design of capping of landfills
- Supply of construction materials (geomembranes, geotextiles, etc.) and accessory elements (leachate collection wells, biogas collection network, biogas extraction wells, etc.)
- Design of leachate and biogas collection network
- Design of biogas combustion plants for the production of electric energy
- Design and supply of on-site leachate treatment plants
- Design and supervision of works for securing and/or remediation of landfills
- Technical assistance for the execution of verifications required by the Monitoring and Control Plan
- Sampling and laboratory analysis of environmental matrices, as required by the Monitoring and Control Plan

# ENVIRONMENTAL FIELD

## REMEDIATION *in Italy and abroad*

- Characterization plans of contaminated sites
- Geotechnical and environmental investigations, sampling, analysis and monitoring for the characterization
- Site-specific environmental risk studies and analysis
- Simulation studies of the transport of pollutants
- Design of securing and remediation interventions
- Supervision of works during securing and remediation of contaminated sites
- Design of environmental restoration and rehabilitation
- Design, construction and management of groundwater remediation plants
- Design, construction and management of phytodepuration plants
- Execution of remediation interventions with a qualified staff
- Restoration interventions with substitute materials
- Consulting for asbestos remediation
- On-site measurement of pollutants with portable instruments (radioactivity, volatile organic substances, etc.)

## ENERGY *in Italy and abroad*

- Design and assistance in the construction of energy recovery plants from renewable sources:
  - WIND
  - BIOMASS
  - SOLAR
  - PHOTOVOLTAIC
  - GEOTHERMAL
  - HYDROELECTRIC
- Design and assistance in the construction of energy recovery plants from waste:
  - WASTE-TO-ENERGY PLANTS
  - COGENERATORS
  - GASIFIERS
  - PYROLISIS
- Environmental impact assessments of the environmental sustainability of public/private buildings (energy analysis, algae cultivation on the surfaces of buildings, etc.)

## ***WATER in Italy and abroad***

- Design of treatment plants of civil and industrial wastewater and first flush rainwater
- Design of water potabilization plants
- Design of "greywater" reuse plants (rainwater, domestic sewage excluding foul water)
- Identification of the most innovative and useful systems for wastewater treatment
- Supply of wastewater treatment plants (biological, chemical-physical, reverse osmosis, filtration, disinfection, etc.), potabilization plant of water intended for human consumption, water reuse plants, seawater desalination plants
- Execution of practices for obtaining the authorization for wastewater discharge
- Chemical and bacteriological analysis of industrial and civil wastewater, process water and water intended for human consumption
- Assistance in the management of wastewater depuration plants
- Studies of the odour impact resulting from wastewater depuration plants, design of containment measures and supply of covering systems of tanks present in the plants
- Technical assistance for obtaining the authorizations for the draining of public water (from wells/surface water courses/public supply/public aqueducts, Industrial Consortia)
- Supply of chemical additives and consumable materials for the operation of the plant
- Monitoring of surface water courses, lakes and seas for the assessment of water quality by considering the illegal dumping
- Verifications of industrial and civil discharges
- Design and implementation of requalification interventions of surface water courses and river areas



# ENVIRONMENTAL FIELD

## AIR EMISSIONS *in Italy and abroad*

- Execution of practices for obtaining the authorization for air emissions
- Design and management of fumes abatement plants
- On-site verifications of compliance with the technical standards of chimneys
- Assistance to comply with the authorization requirements
- Supply of instruments for the monitoring of air emissions, air quality and indoor air (such as instruments for the detection of odors, instruments for the continuous monitoring of air emissions, etc.)
- Supply of chemical additives and consumable materials for the operation and / or maintenance of air emissions abatement plants
- Supply of plants for odour abatement and related deodorizing chemical additives (such as, scrubbers, etc.)
- Sampling and chemical-physical laboratory analysis
- Studies of dispersion of pollutants in the atmosphere and return to the soil
- Design of air quality monitoring plans
- Studies of the impact resulting from odor emissions and containment measures

## EIA, IEA and AUA *in Italy and abroad*

- Verification of the applicability of IEA or AUA to the projects to be implemented
- Execution of practices for obtaining authorizations, including all the technical planimetric and geological drawings, agronomic reports, landscape reports and incidence studies, required by the legislation
- Assistance during the administrative process of issuing of authorizations and the conference of services

## TECHNICAL-LEGAL CONSULTING

- For the Public Prosecutor's office at several Italian courts:
  - CTU – court-appointed technical consultant
  - Document and on-site investigations
  - On-site instrumental measurements
  - Preparation of technical-legal appraisals
- For companies:
  - CTP – party-appointed technical consultant
  - Technical assistance in association with Law Firms for administrative, civil and criminal disputes
  - Interface with control bodies during on-site inspections
  - Technical appraisals
  - Legal due-diligence
  - Decision-making
- Technical-legal assistance and consulting in the field of administrative responsibility in accordance with the Legislative Decree no. 231/2001 applied to the environmental field, through the creation of organizational and business models for the prevention of crimes; establishment of the supervisory body; training of managers and employees in order to prevent the administrative responsibility.

## INNOVATIVE PROJECTS *in Italy and abroad*

- Use of algae for wastewater depuration and flue gas from cogeneration processes
- Use of the algal biomass for the production of biogas
- Woody biomass cogeneration plants - short chain
- Off-shore wind parks
- Algae massive cultivation plants for food and pharmaceutical purposes

# ENVIRONMENTAL FIELD

## SERVICES FOR MUNICIPALITIES *in Italy and abroad*

- Design and construction of ecological areas and waste transfer stations
- Study of different types of waste to be destined to separate waste collection (paper-plastic-glass-clothes-vegetable oil-appliances-batteries-neon lamps)
- Projects for the initiation and implementation of waste separate collection
- Supply of waste collection systems, including separate collection, and waste collection and transport vehicles
- Technical assistance for the compilation of MUD
- Technical-legal assistance on environmental issues
- Monitoring and assessment of electromagnetic pollution
- Activation of emergency plans for natural disasters and activities subject to major accidents
- Monitoring of landfills and contaminated sites
- Design and supervision of works for securing and/or remediation interventions of landfills
- Surveys and product analysis of municipal waste
- Biological monitoring (BEI - Biological extended index and IFF- index of river functionality)
- Monitoring of radioactive elements, volatile organic substances, electromagnetic fields with portable instruments
- Monitoring of environmental noise and acoustic zoning
- Design and supply of acoustic barriers
- Preparation of the forest fire fighting plan
- Technical and administrative verification on state-owned property
- Design and construction of green areas
- Design and construction of energy parks in urban areas
- Organization of public events to raise public awareness of environmental issues

## SAFETY IN THE WORKPLACE AND CONSTRUCTION SITES *in Italy and abroad*

- On-site verification of conformity, analysis of critical issues and risks and preparation of the Risk Assessment Document (RAD)
- Occupational and Safety Manager (RSSP – ASPP)
- Assessment of the electrical risk and the lightning risk
- Assessment of the risk arising from the manual handling of loads
- Air monitoring in the workplace for the determination of concentration of polluting and/or hazardous substances and the preparation of the Assessment Document of the Risk of Exposure to Chemical Agents, Carcinogens, Biological Agents;
- Analytical surveys and assessment of the exposure of workers to asbestos;
- Instrumental measurements of hand-arm and whole-body vibration and preparation of the risk assessment document
- Instrumental measurements of noise and preparation of the risk assessment document
- Instrumental measurements of electromagnetic fields (EMF) and preparation of the risk assessment document
- Environmental measurements of microclimatic factors and preparation of the risk assessment document
- Preparation of the document risk assessment of risks arising from artificial optical radiation
- Execution of specific analytical investigations in the workplace
- Verification of conformity of pressure equipments
- Verification of conformity of work machinery and equipment and preparation of the residual risk assessment document
- Preparation of risk protocols in case of entrusting of works to outside firms (DUVRI)
- Assessment of risk from work-related stress
- Coordinator in the design phase and during the execution of works
- Consulting on the adoption and use of Personal Protective Equipment (PPE)

# **SAFETY**

## **SAFETY IN THE WORKPLACE AND CONSTRUCTION SITES** *in Italy and abroad*

- Training and information courses of workers and their representatives and/or managers
- Specific training: drivers of vehicles and work equipment, PES/PAV, workers in confined areas, training in the use of PPE
- Drafting of the preliminary notification and the Safety and Coordination Plan
- Drafting of the Operational Safety Plan (OSP)
- Drafting of the Scaffolding Installation, Operation and Removal Plan(PIMUS)
- Drafting of Safety Management Plans in sports facilities and places of public entertainment
- Supply of PPE, CPE, signage, equipment for the management of hazardous substances (cabinets, absorbent materials)
- Supply of plants for the sanitation of the workplace
- Assessment of major-accident hazards
  - Studies on safety
  - Notification and information sheets to the population in accordance with the current legislation
  - Internal emergency plans
  - Safety management system
  - Technical report on Major Accident Hazards

## **POLLUTION FROM PHYSICAL AGENTS** *in Italy and abroad*

- Determination of the acoustic requirements of buildings
- Verification of sound pressure in the workplace and instrumental measurements in the external environment and residential places
- Civil and industrial projects of sound remediation
- Design and construction of sound absorbing barriers
- Monitoring and assessment of electromagnetic pollution
- Risk assessments of vibration and microclimate in the workplace

## FIRE PREVENTION

- Drafting of the Fire Risk Assessment
- Drafting of the assessment of risk from explosive atmospheres (ATEX)
- Design of fire prevention systems and supply of fire protection equipment
- Execution of practices for obtaining the Fire Prevention Certificate (FPC)
- Drafting of the Emergency and Evacuation Plan with floor plans
- Fire prevention register
- Training of corporate firefighting teams
- Assistance for the training activities on fire prevention
- Supply of fire protection PPE/CPE

## FOOD *in Italy and abroad*

- Realization of self-control systems for the drafting of operating procedures and instructions in accordance with HACCP principles
- Laboratory analysis of food and drinks
- Training of personnel on food hygiene
- Elaboration of guides including good hygiene practices, risk analysis and management of critical points (CCPs)
- Technical assistance for the request and obtaining of hygienic-sanitary opinions for canteens and places serving food and drinks
- Conducting internal audits to check the conformity of the places serving food and drinks with current legislation

# CERTIFICATIONS

## CERTIFICATIONS *in Italy and abroad*

- Preparation and implementation of business management systems through the preparation of manuals and procedures, internal audits, training for the transfer of skills and procedures to the corporate functions, assistance during audits by the certifying body for obtaining Voluntary Certifications:
  - ISO 9001 – Quality management systems – Requirements
  - ISO TS 16949 - Quality management systems in the automotive sector
  - ISO 14001 – Environmental management systems – requirements and user guide
  - EMAS - Instrument which allows companies to assess and improve the environmental performance and provide customers with information on their environmental management
  - OHSAS 18001 – International standard for the certification of the occupational health and safety system
  - ISO 22000 – Standard regarding the safety of the whole supply chain
  - Integrated Management Systems
  - EU Ecolabel - European Union label for the ecological quality which rewards the best products and services from the environmental point of view

## TRAINING *in Italy and abroad*

- Training activities for managerial and operational levels, both indoor and outdoor, regarding environment and safety in the workplace
- ONE-TO-ONE training with those responsible for environmental management in companies, including training and audits to analyze each individual company.  
Examples of training topics:
  - Proper document and operational management of waste;
  - Classification and characterization of hazardous and non-hazardous waste;
  - Authorization procedures;
  - SISTRI;
  - Environmental responsibility and organizational model in accordance with the Legislative Decree no. 231/01;
  - Depuration of civil and industrial wastewater: operational management and environmental controls;
  - The Integrated Environmental Authorization: field of application and development of legislation on industrial emissions
- Sampling techniques of environmental matrices (soil, water, air) and waste
- Organization of conferences, seminars and study days for public and private companies and control bodies in the fields of environment and safety in the workplace
- Organization of corporate events for the promotion of eco-sustainable activities carried out with the provision of educational and promotional material, in Italian and in other languages
- Organization of events to raise public awareness of environmental issues





## Dr. ROBERTO MASTRACCI

**Registered in the Italian Professional Register of Chemists with twenty-year experience in the fields of environment and safety in the workplace**

CEO of the Consulting Company "Ambiente & Sicurezza"

Sole administrator of the company "A.T.E.N.A. Consulting Srl"

Member of the Working Group for the Emergency in the Territory of the Sacco River Basin between the provinces of Rome and Frosinone (2006 - 2007)

**Manager of internet sites**

[www.studiomastracci.it](http://www.studiomastracci.it)

[www.atenaconsulingsrl.it](http://www.atenaconsulingsrl.it)

[www.forumambienteesicurezza.it](http://www.forumambienteesicurezza.it)

[www.industrieambiente.it](http://www.industrieambiente.it) where on-line consulting services are also provided with agreements of Public and Private Bodies.

### ACTIVITIES CARRIED OUT FOR COMPANIES AND PRIVATE BODIES

- Audits in plants for:
  - On-site verification of compliance with environmental technical standards (water, air, soil and waste), at corporate and plant levels
  - Verification of the proper waste document management (waste identification forms, loading/unloading registers, MUD, authorizations)
  - Verification of adequacy of the analytical certificates in compliance with the current legislation on water, air and waste
  - Verification of the dimensioning of wastewater depuration plants and assistance for their management
  - Analysis of issues related to transboundary shipments of waste
  - On-site verification of the proper carrying out of activities, in relation to safety in the workplace and construction sites
- Landfills:
  - Preliminary and executive design of sanitary landfills in accordance with the Legislative Decree no. 36/2003
  - Preparation of operational and post-operational management plans, surveillance and control plans, financial plans for the construction of new landfills, in accordance with the Italian Legislative Decree no. 36 of January 13<sup>th</sup>, 2003
  - Adaptation plans for landfills in accordance with the Italian Legislative Decree no. 36 of January 13<sup>th</sup>, 2003
  - Preparation of site environmental restoration plan after landfill closure in accordance with the Italian Legislative Decree no. 36 of January 13<sup>th</sup>, 2003
  - Design of remediation and environmental restoration
  - Permanent securing through the capping
  - Design of securing and/or remediation of landfills

# CURRICULUM

## Dr. ROBERTO MASTRACCI

- Sampling and analytical characterization:
  - of waste for the legal classification and the admissibility to the landfill;
  - of (chemical and bacteriological) wastewater to comply with the legislation on discharges
  - of water intended for human consumption
  - of air emissions
  - of soil, subsoil and groundwater in order to verify the possible contamination for the remediation
- Assistance in the compilation of documents for waste management (loading/unloading registers, FIR, MUD, SISTRI), including through ONE-TO-ONE training
- Development of operational procedures for the proper management of waste, both in the companies and in the final plants
- Technical assistance and technical-legal support for industrial due-diligence
- Consulting and design in the environmental field for waste treatment and disposal plants, in Italy and abroad
- Consulting and design in the field of renewable energies, in Italy and abroad, including photovoltaic, geothermal, biomass, hydroelectric, wind, solar powers
- Design of waste management plans at all levels (local, regional and national levels) in Italy and abroad
- Design of treatment plants of civil and industrial wastewater and first flush rainwater and assistance in their management
- Technical assistance and development of practices for requesting and obtaining environmental authorizations:
  - Authorization for the treatment, disposal and recovery of hazardous and non-hazardous waste in accordance with Article 208 of the Legislative Decree no. 152/06
  - Authorization for the National Register of Road Hauliers for all categories (waste transport, including transboundary transport, intermediation, remediation of contaminated sites, asbestos remediation)
  - EIA and SEA
  - Integrated Environmental Authorization – IEA
  - Single Environmental Authorization – AUA
  - Authorization for the discharge of civil and industrial wastewater and first flush rainwater
  - Notification of wells
  - Request for draining of public water from rivers, streams, springs and underground water
  - Authorization for air emissions
- Studies of dispersion of pollutants in the atmosphere and return to the soil, in accordance with air quality restoration Plans

- Assistance and execution of practices for the transboundary transport of waste:
  - Feasibility analysis of transboundary shipments
  - Assistance in the compilation of Annex VII
  - Request of the prior authorization to the competent authorities
  - Assistance in the compilation of the notification
  - Interface with the competent Italian and foreign authorities
- Technical assistance and design regarding the remediation of contaminated sites:
  - Execution of on-site preliminary investigations
  - Development of characterization Plans
  - Execution of investigations required by the characterization Plan
  - Emergency or final securing of contaminated sites
  - Remediation of landfills
  - Environmental risk analysis with the support of Italian universities
  - Technical assistance in the Conferences of services
- Consulting for the application of the Law no. 231/2001 in the environmental field
- Technical/legislative schedule in the environmental field
- Census and monitoring of asbestos-containing materials
- Responsible for the Prevention and Protection Service (RSPP)
- Development of Emergency Plans
- Technical assistance for the issue of the Fire Prevention Certificate
- Analysis and design of safety devices and fire protection systems
- Technical support for statements of compliance and certifications of equipment and electrical, mechanical and thermal plants
- Training and information of the emergency team, including evacuation drills;
- Risk and Chemical risk assessment in accordance with the Legislative Decree no. 81/2008
- Assessment and measurements of noise, mechanical vibrations, electromagnetic fields, etc.
- Development of Self-control manuals for food safety (HACCP)
- Development of technical/legislative schedules in the fields of safety in the workplace and fire prevention
- Party-appointed technical consulting (CTP) in the environmental field;
- Technical-legal assistance in criminal, civil and administrative proceedings in the fields of environment and safety in the workplace

# CURRICULUM

## Dr. ROBERTO MASTRACCI

### **ACTIVITIES CARRIED OUT FOR COMPANIES AND PRIVATE BODIES**

- Consultant for the management of issues regarding remediation and waste
- Technical Consultant of Environmental Departments of Municipalities regarding environmental issues
- Consultant for the verification of critical issues regarding wastewater and management of drainage networks
- Technical assistance for the management of consortium infrastructures
- Coordinator and Supervisor, as well as consultant for studies and research on the best technologies to be used in water depuration for the maximum efficiency at the lowest cost
- Member of the Board of Examiners with regards to the Invitation to tender for the execution of characterization analysis, water monitoring, waste in plants and consortia facilities
- Development of the forest firefighting Plan of natural reserves
- Technical consultant for the issue of Integrated Environmental Authorizations (IEA) in the Province of Frosinone
- Designer and/or supervisor of works for the following interventions:
  - Preparation of characterization plans
  - Emergency or final securing of contaminated sites
  - Remediation of landfills
  - Environmental risk analysis with the support of Italian universities
- Court-appointed technical consultant (CTU) for the Public Prosecutor's office at several Italian courts

### **TRAINING ACTIVITIES**

- Training and information activities at ECIPALAZIO, BIC-LAZIO in accordance with Articles 21 and 22 of the Legislative Decree no. 626/94;
- Training and information activities in accordance with Articles 21 and 22 of the Legislative Decree no. 626/94 at national private companies;
- Professor at the National Register of Companies that carry out Waste Management – Lazio Region;
- Professor in the training course held at AES – Association of Safety Experts of Frosinone and destined to the Technical Manager (TM) of companies which carry out waste management;
- Professor in the courses on the Water Protection Plan for member companies on behalf of Confindustria and Federlazio;

- Organizer of the course on waste legislation at ENEL Civitavecchia;
- Professor in the course on technical aspects: wastewater discharge and waste management carried out on behalf of the Superior Council of Magistracy;
- Training and teaching in conferences on waste management, transport and ADR regulations and remediation of contaminated sites in accordance with the Ministerial Decree no. 471/99 on behalf of the National Confederation of Crafts and Small and Medium Enterprises, FederLazio, the Union of Entrepreneurs of Frosinone, the Italian Environment Fund, Right to Environment courses & training;

Professor and organizer of Conferences and Seminars regarding environmental issues, with particular reference to the management of waste and contaminated sites

- Integrated waste management (October 29<sup>th</sup>, 2002)
- Waste management and the new legislation on landfills (October 30<sup>th</sup>, 2003)
- Air emissions, wastewater and waste: the proper environmental management (March 19<sup>th</sup>, 2004)
- Inert waste recovery (June 25<sup>th</sup>, 2004)
- Study Day: updates on environmental legislation (November 29<sup>th</sup>, 2004)
- The First Forum on Environment (July 6-7-8<sup>th</sup>, 2005)
- Waste operational management: technical-practical and legal aspects (October 21<sup>st</sup>, 2005)
- Techniques of the environmental police (November 10<sup>th</sup>, 2005)
- Single Text on The Environment: Air, Water, Waste, all news (March 28<sup>th</sup>, 2006)
- Updating and In-depth analysis "The New Waste Legislation" (May 29<sup>th</sup>, 2006)
- Legislation between environmental protection and sustainable industrial development (October 26-27<sup>th</sup>, 2006)
- The single environmental text – technical and legal analysis (June 28-29<sup>th</sup>, 2007)
- First flush rainwater (October 3<sup>rd</sup>, 2007)
- The Legislative Decree no. 4 of January 16<sup>th</sup>, 2008 – Modifications to the so-called Environmental Code. Air, water, waste: what has changed? (February 19<sup>th</sup>, 2008)
- Practical seminar on the document management of waste (May 8<sup>th</sup>, 2008 – June 10<sup>th</sup>, 2008 – October 16<sup>th</sup>, 2008 – February 29<sup>th</sup>, 2008)
- Study and analysis day on waste Recovery (July 8<sup>th</sup>, 2008)
- Seminar on the new waste tracking system SISTRI (February 25<sup>th</sup>, 2010)
- Conference on "The new waste management – Technical-legal analysis of the modifications to the current legislation" (February 25<sup>th</sup>, 2011)
- Study day on "Waste management: technical analysis of the principal changes in legislation" at Confindustria Latina (March 3<sup>rd</sup>, 2011)
- Seminar on "Air emissions – The section V of the Legislative Decree no. 152/2006 in view of the changes introduced by the Legislative Decree no. 128/2010" at Confindustria Latina (March 16<sup>th</sup>, 2011)
- Seminar on "The Integrated Environmental Authorization in view of the recent changes in legislation. The experiences and the critical issues emerged in the application of IPPC regulation" (May 31<sup>st</sup>, 2011)
- Conference on "Environmental crimes and administrative, civil and criminal responsibilities of companies" (November 25<sup>th</sup>, 2011)
- Conference on "Waste management and the correlation with environmental crimes" (December 3<sup>rd</sup>, 2012)

# CURRICULUM

## Dr. ROBERTO MASTRACCI

- Training seminar on "The document management of waste: obligations, methods and overlapping of SISTRI" – Isernia (June 16<sup>th</sup>, 2014)
- "The proper waste classification: the attribution of hazard characteristics and chemical analysis" – Isernia (June 18<sup>th</sup>, 2014)
- Seminar "The new environmental legislation, waste classification and environmental crimes" – Valmontone (13 and 14 October 2015)

with the participation of the following experts: Dr. Sanna, Dr. Onori, Dr. Ficco, Dr. Giampietro, Dr. Amendola, Dr. Santoloci, Dr. Ramacci, Dr. De Falco, Dr. Postiglione, Dr. Mininni, Dr. Galanti and Eng. Arru

### Professor in training courses at training Institutes and/or companies:

- Training course on the document management of waste at the Institute "Informa" in Rome (2009 – 2010 – 2011 – 2012 – 2013 - 2014)
- Training course on "The proper classification and the detailed characterization of waste" at the Institute "Informa" in Rome (2013 - 2014)
- Training course on "The proper waste classification: the attribution of hazard characteristics and chemical analysis" in Cosmari di Latina (March 28<sup>th</sup>, 2012)
- Training course on "The ISO 14001 system and the continuous training on environmental issues: waste management" at Alenia Spazio in Rome (January 25<sup>th</sup>, 2011)
- Training Course on the Single text on safety in the workplace (March 3<sup>rd</sup>, 2009)
- Professor and organizer of the specific training course "Basic Course on waste management" (November 15<sup>th</sup>, 2011 – December 6<sup>th</sup>, 2011)
- Professor and organizer of the High Specialization Course "Legal and technical expert on waste management" with the University Consortium CINIGEO (January 26<sup>th</sup>, 2012- April 27<sup>th</sup>, 2012)
- Training and teaching in six study and analysis days on the practical and everyday aspects in the field of environmental law – cross-sectional analysis of the law concerning pollution by considering pollution rules, practices, responsibility and controls (February 2006 - April 2006)
- Professor in the training courses regarding waste management, documental aspects to be checked during the inspection phase, sampling techniques and roadside checks, at the school of the State Forestry Corps and the Finance Guard:
  - State Forestry Corps – Office in Città Ducale – Rieti
  - State Forestry Corps – Office in Sabaudia
  - State Forestry Corps – Office in Frosinone
  - State Forestry Corps - Molise
  - State Forestry Corps - Siena
  - Finance Guard – Office in Formia





## **A.T.E.N.A. Consulting srl**

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