

# “Integrated Management of Ship-Generated Waste and Marine Environment Protection Services”



**CYPRUS 2016**  
4th International Conference  
on Sustainable Solid Waste Management

23rd - 25th June 2016  
Limassol, Cyprus

[www.cyprus2016.uest.gr](http://www.cyprus2016.uest.gr)  
[www.livewaste.org](http://www.livewaste.org)



**ANTIPOLLUTION**  
GLOBAL ENVIRONMENTAL SERVICES





## About us

- The leading Greek company in the field of port reception facilities, marine environmental protection services and waste management services
- Since 1940 we provide services on a 24/7 basis at more than 40 ports in Greece
- We emphasize on the importance of recycling, valorization and alternative management of waste and strive for providing the most optimal and environmental sound solutions
- In 2015 we expanded beyond Greek Borders in order to serve Greek Vessels calling Latin America and US Ports



## COOPERATION WITH VEOLIA FIELD SERVICES UK





## VASSILIADES GROUP OF COMPANIES







## Our mission

To protect the sea and land from environmental hazards and contribute to a cleaner and sustainable environmental inheritance for the future generations.



U.S.A.



MEXICO



SOUTH  
AMERICA



GREECE



**ONTIPOLLUTION**  
GLOBAL ENVIRONMENTAL SERVICES





## Global Environmental Services

- Oil spill response services
- Port Reception Facilities for MARPOL Waste and Cargo Residues
- Distressed cargo management worldwide
- Port Waste Management Planning
- Non Hazardous and Hazardous Waste Management
- Waste Recycling and Valorization
- Contingency Planning
- Remediation of polluted sites
- Production of RDF for the cement plants





## Certifications - Organizations



CERTIFIED M.S.  
ISO 9001:2008  
1331/A/2012



CERTIFIED M.S.  
ISO 14001:2004  
220/II/2012



CERTIFIED M.S.  
EAOT 1801:2008  
OHSAS 18001:2007  
140/A/2012



CERTIFIED M.S.  
ISO 16304:2013 01/SGW



SOCIAL  
ACCOUNTABILITY M.S.  
S.A.8000  
03/KE/2012



## The Awards

- **Environmental Awards 2014**  
Category "Port Management - Eco Port – Technologies for Sea Water Renewal"
- **Entrepreneurship Award 2014**  
Category Development and Innovation
- **Health and Safety Awards 2014**  
Silver award in the category "Industrial Waste Management"
- **European Business Awards 2014/15**  
National champion in the category "The business of the Year Award with Turnover €0-25m"
- **Piraeus Port Authority**  
Award for high quality of services on environmental issues
- **Facilities Management Awards 2014**  
Waste Management and its contribution to environmental protection in accordance with the «Zero Waste» philosophy.





## Manpower and training

Our workforce is the major pillar of our strength. Our task force team is consisted of Chemical Engineers, Environmental Engineers, Chemists and Oceanographers.





## Global Port Reception Facilities

- Collection, transportation and processing of ship generated - MARPOL waste and cargo residues according to Waste reception and handling plan of each port
- Currently operating at more than 40 ports in Greece and 60 ports in USA, Mexico and continuing development abroad







## Oil Spill Response

- Immediate response and operation 24/7
- Highly qualified personnel
- High-end practices
- Equipment of the latest technology





## Distressed / Damaged Cargoes

- **ANTIPOLLUTION S.A.- VEOLIA FIELD SERVICES UK**
- Joined forces to create a new global power serve the needs and requirements of the demanding shipping industry.
- Emergency response services as well as shall manage distressed / damaged cargoes on global level.







## Waste Treatment Facilities



Processing / Recycling center

Temporary storage facility for hazardous waste.





## Non hazardous waste processing center

- Separation, Recycling and Recovery of materials (paper, plastic, metal etc.)
- Production of RDF at Antipollution SA licensed facilities (2)
- RDF annual production capacity of 25.000 T
- Promoting ZERO WASTE to landfill philosophy







## International activities

- Antipollution SA through strategic collaborations is in position to offer environmental protection services worldwide including management of distressed cargos and clean-up of vessels suffering damages from casualties.
- Recently Antipollution SA in collaboration with Veolia Field Services UK concluded project awarded by Green Cross Switzerland for the management of 78T of obsolete pesticides in Tajikistan.



## Tajikistan project

In the context of Green Cross Tajikistan project Antipollution SA in collaboration with Veolia UK Filled Services repacked 78T of DDT and transferred them, in accordance to Stockholm Convention, International Regulations and National Waste Management Law for the hazardous waste, to dedicated for the project licensed temporary storage facility. The project was of major importance for the country since it symbolizes a new era for the management of hazardous waste in Tajikistan. Upon completion of works the Authorities involved as well as the funding organization Green Cross Switzerland expressed their satisfaction for the services offered and the professionalism of contractors. This was the first project of Green Cross Switzerland involving a Greek company. Works lasted one month and delivered on 12<sup>th</sup> of July 2015.







## HIGHSPEED 5

### Services offered:

- Risk assessment studies and H&S Plans
- Marine protection services
- Pumping of liquid waste
- Sampling and classification of waste
- Inventory of Hazardous Materials
- Packaging of waste which consisted of burnt metals, hazardous and non-hazardous waste
- Recycling and final disposal of waste
- Cropping and removal of destroyed structure





## Lavrio port project

- Project duration: 2 months
- Waste managed: 594.130kg
- Description of works:
  - Container vessel sunk at Mykonos island
  - Distressed cargo of the vessel is transported to Lavrio, which is the nearest port offering port reception facilities.
  - Antipollution SA undertakes the whole operation and delivers project with success.









# ZERO WASTE

MANAGE DON'T **WASTE** TIME