

“Capacity Building and Strengthening Institutional Arrangement”

Analysis and Sampling Of Water And Water Pollution

**Working group n° 2**

**“Design a draft of Guidelines for wastewater  
environmental monitoring in seas ”**

**Mr. Gaetano Battistella**

APAT

Agency for Environmental Protection and Technical Service

# Design a draft of Guidelines for wastewater environmental monitoring in seas

## Objectives:

The working group is finalised to design a guidelines for wastewater monitoring on port areas, to promote some considerations about possible activities to limit and reduce possible damage from wastewater to the marine environment.

# Design a draft of Guidelines for wastewater environmental monitoring in seas

## Activities:

**1<sup>st</sup> phase:** Discussion and debate about previously experiences about wastewater monitoring system performed by EEAA and RBOs, with particular attention to the professional skills involved in this activities.

**2<sup>nd</sup> phase:** Design a guidelines to develop a wastewater monitoring system for port areas, also including the following aspects:

- Main knowledge about marine environmental normative at national and international level
- Social-economic and environmental analysis to identify ports where wastewater monitoring systems are needed, also with reference to human health impact

# Design a draft of Guidelines for wastewater environmental monitoring in seas

## Activities:

- Define methods and techniques for wastewater monitoring, also based on the concept of the 'best available technology'
- Define technologies and equipment (hardware, software, video, etc.) needed for technician and experts to manage the wastewater monitoring system
- Define roles of competent port authorities
- Define procedures for data exchange between local and national ports authorities and for public community information
- Identification of costs and human resources (professional figures) needed for developing, implementing and management of a wastewater monitoring system in seas