

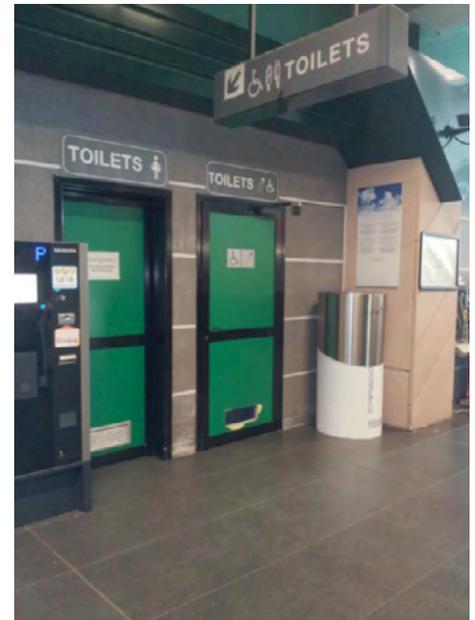


Corporate

ODOR AND POOR Indoor Air Quality Issue Improved in Milano, Orio al Serio Airport

BACKGROUND SACBO, the company managing Milano, Orio al Serio Airport, was facing poor Air Quality problem in the whole facility due to an undersized terminal. Most low cost flights directed to East Europe are handled in this airport in northern Italy. The culture of Eastern European people is often characterized by the habit of bringing the whole family to greet departing and arriving relatives. This fact has overcrowded the airport which will be enlarged in the next few years. Meanwhile the undersized terminal is facing a odor problem due to high affluence, especially in the bathroom areas where clean up maintenance is not enough to contain odors which at times expand to the adjacent areas. In order to eliminate odor travel and linger a CAP85 was placed in each bathroom and a CAP600 was placed in the bar area outside the toilets.

RESULTS Samples were taken for VOC monitoring (ammonia and urea related Volatile Organic Compounds) and Particulate Count. Both showed a 80% reduction and a significant better IAQ. Odor is now under control and the system will be extended to the whole new terminal once completed.



RECOMMENDATIONS The CAPs reduced the level of contaminants to essential non-detectable levels and significantly reduced the need for extra venting due to poor air quality. The CAPs reduced and potentially eliminated the need for carbon filtration, significantly lowering carbon replacement costs and energy bills due to less dispersion of hot and cold air from the terminal.

BIO- HYGIENICS Compact and portable treat- ment plants that use biological oxidation to clean air or water in real time.

- CAP™ CLEAN AIR PLANTS**
- **Winner of Technology Merit Award.**
 - The CAP is recognized by the Environmental Business Journal for innovative biological treatment of indoor air quality.
 - CAPs employ biocatalysts that convert organic pollution like carbon monoxide, ozone, benzene, and other hydrocarbons to water and carbon dioxide.
 - CAPs are standalone, portable units, which can be placed anywhere in areas of high pollution.
 - Odors and air contaminants, produced by chemical vapors, toxic gases, and mold are elimi- nated.
 - CAPs can be used to surpass OSHA standards for air in the workplace.
 - Used in the workplace, CAPs lower health risks, increase comfort and productivity, reduce exposure to liability, and encourage good management practices.
 - CAPs also remove cigarette smoke, pet dander, pollen, dust mites, mold, and other aller- gens.
 - CAPs can even oxidize and destroy airborne bacteria and viruses, as well as sudden influxes of chemicals and biological contaminants.
 - Turn off your present treatment systems and save thousands with CAPs.