

## SEA HAS ACHIEVED ISO 50001 “ENERGY MANAGEMENT SYSTEM” CERTIFICATION

Milan, 10 December 2013 - SEA has received formal communication of certification of the **Energy Management System** according to the **ISO 50001** standard (with effect from October 2013).



It is an important result that enhances the level of excellence of all activities related to energy management in our company which, over the past 4 years, have led to the achievement of significant results:

- ✓ Saving 2009 vs 2008: 6,000 MWh;
- ✓ Saving 2010 vs 2008: 19,700 MWh;
- ✓ Saving 2011 vs 2008: 28,000 MWh;
- ✓ Saving 2012 vs 2008: 29,100 MWh;

The total saving, compared to 2008, for the years 2009/11/10/12 is over 82,800 MWh which corresponds to reduced emission of 33,000 tonnes of CO<sub>2</sub> and cost savings of approx. €6,800,000.



An experience that dates as far back as 1992, when SEA established, together with other industrial partners, SEA Energia SpA, which operates the cogeneration systems at Malpensa and Linate airports, today totally controlled by SEA.

SEA has structured a complete and advanced Energy Management System, respecting the characteristics and peculiarities of the two airports, ensuring high consistency of management/maintenance, monitoring and evolution design and implementing effective fuel saving measures. With a view to integration of certification systems, the Energy Management System is tightly integrated with the Environmental Management System (which in turn has many issues closely integrated with the Safety Management System, certified by ENAC).

The Energy Saving measures have involved both technological, such as the introduction of LED light bulbs and high-efficiency engines, as well as operating improvements, with optimisation of the terms of use, such as reviewing electricity and air conditioning availability times for the main airport users; a significant example of energy saving was achieved at Malpensa by switching off of the lights of runway 17 l/35R at night, following the positive outcome of the Risk Assessments required by ENAC.

There have also been numerous optimisation interventions on the facilities management software, in addition to the conversion of many conventional heating systems (served by fuel-fired boilers) to district heating.

Another advantage for the continuation of the positive approach to the energy issue is the constitution of an “Energy Team” and, more operational and technical, a smaller “Technical Group” that will serve as a point of reference for evaluating the progress of activities, for new projects, as well as for all initiatives relating to energy and which must be carefully introduced and integrated into the system in order to optimise effectiveness and results.