

Space technologies at Ansaldo Energia Group

Silvio Straneo - analyst security at
Security Department in
Ansaldo Energia Group

Security System



SEO is the Security Department of Ansaldo Energia Group spa chaired by Security Officer; the Unit is involved in Security Governance; specifically it is responsible of the development, consolidation and maintenance of the Security System in relation to the organizational, physical-operational and logical-IT security areas.

Security System



It defines a process of protection of the Corporate assets relating to staff (employees and management), materials goods and assets, intangible assets and information.

Security System



The Security System is in accordance with the strategies and business activities and it is in compliance with the Company policy framework. The protection of the Corporate staff is the main target.

Ansaldo Energia Group Profile



Ansaldo Energia (since 1853) is a leading international player in the power generation industry, to which it brings an integrated model embracing turnkey power plants construction, power equipment (gas & steam turbines, generators and microturbines), manufacturing and services and nuclear activities.

Ansaldo Energia Group Profile



At present, Ansaldo Energia SpA is 60% owned by Cdp Equity, an Italian state-owned entity which has been promoting the country's economy since 1850, and 40% by Shanghai Electric, the world-leading producer of power generation machinery and mechanical equipment.

Ansaldo Energia Group Profile



Ansaldo Energia currently employs over 4,500 people and has an international presence through local companies and branch offices **in Italy**, where Group headquarters and Ansaldo Nucleare are, **in China** with the two joint ventures Ansaldo Gas Turbine Technology and Shanghai Electric Gas Turbine,

Ansaldo Energia Group Profile

in Switzerland with Ansaldo Energia Switzerland, **in the Netherlands** with Ansaldo Thomassen, **in the United Kingdom** with Ansaldo Nuclear Ltd, **in Russia** with Ansaldo Energia Russia, **in the United Arab Emirates** with Ansaldo Thomassen Gulf (Abu Dhabi) and finally, **in the United States**, where Power System Manufacturing has its corporate headquarters.

Ansaldo interacts with italian public and security bodies



Company Business security needs to be supported by italian institutions involved in public security when Company is engaged in foreign business.

The Crisis Unit of Foreign Ministry and AISE support Italian company engaged in foreign business.

Ansaldo interacts with italian public and security bodies



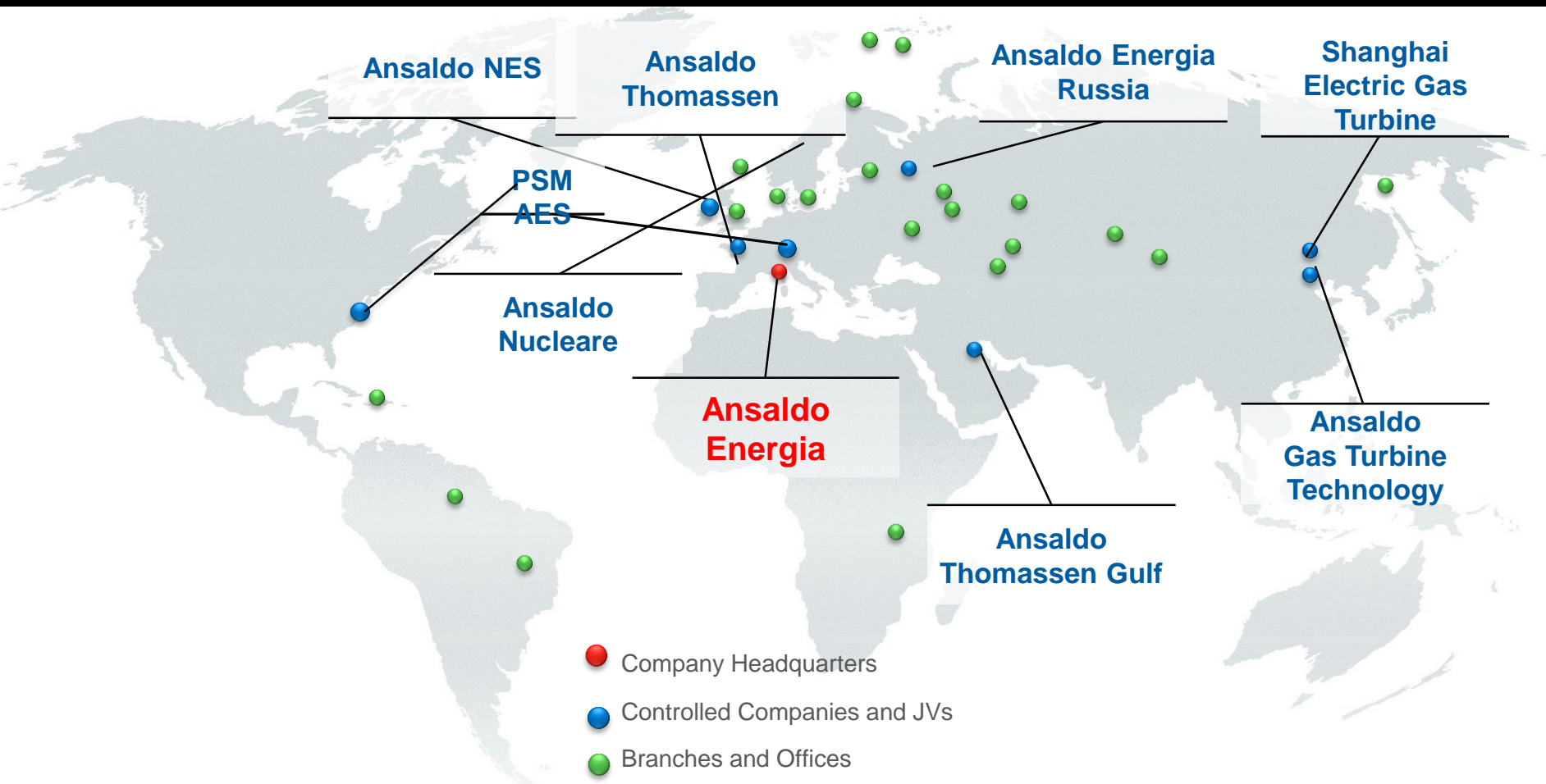
The Crisis Unit collects data and monitors the daily transfers of Italian citizens; it activates emergency procedures and implements measures to rescue Italian citizens.

Ansaldo interacts with italian public and security bodies



AISE develops information activities for security of State to protect Italy's political, military, economic, scientific and industrial interests.

AISE contrasts espionage activities developed from other countries directed against Italy and it faces the activities aimed to damage the national interests.



Prevention domain



Prevention domain includes measures and actions, defined on the basis of risk analysis, aimed at preventing the occurrence of security incidents or limiting the damage

Domain of the emergency



It includes measures and actions, defined on the basis of BIA's analysis, aimed at protecting and restoring the continuity of business processes when disastrous events occur.

Business continuity and Disaster Recovery are security measures on the basis of BIA that guarantee the continuity of company processes when an emergency occurs.

How Ansaldo interacts with space technologies

Every day:

- 60/100 business trip
- a supporting team equipped with geolocalized tools is in place in each country at risk to collect staff from airport to the accommodation/site construction and conversely
- cyber and ICT security measures are constantly active and monitor the interaction of data on web



How Ansaldo interacts with space technologies

Every day:

-Satellite communication are set up in site construction/branch/office in foreign country. Satellite communication is an effective communication when bad situations arise in the country.

In some countries, national rules don't let workers use satellite communication.....



How Ansaldo interacts with space technologies

Every day:

Travellers geolocalize their position through a platform application. At any time SEO is able to monitor and assist the business transfers.

Ansaldo Energia is user of space technologies.....let's see



Towards travel security



Security of the travelers and the “duty of care” have become central issues for each multinational company. These concepts express the travelers’ responsibility compliance to the security and safety of its own resources which has been introduced in the judicial system (in Italy by 81/2008 d.lgs) and more in general, in the organizations security culture.

Security System



Travel Security



In the course of a trip/during a journey travelers might face multiple risks.

Some of the most important risks are:

Terrorism

Crime

Health problems

Natural disaster/ bad weather

Security System



In order to set up a good Travel Security System Company needs:

- risk analysis on the basis of models
- travel policy paper that regulates modality,

- behaviours to be adopted before during and after the travel

Security System



The adoption of travel policy and the development of a travel risk management system in addition to a mitigating risk exposure, ensure regulatory compliance with art 2087 of Italian civil law and Legislative Decree 81/2008

Security System



It is clear that Company needs to form and inform own travelers, covering different situations which the travelers might face during the trip and during their stay in the country.

Fundamental step is training of employees who must carry out a travel.

T Security System



Country Profiles: brief report on the country of interest that includes an overall risk assessment based on the analysis of 5 different factors

Terrorism, crime, political, health and environmental situations

T Security System



Real-time Alert service: sms and email notifications or application platform on specific threats related to the traveler's travel itinerary

T Security System



24/7 assistance: phone and emailing are the tools with which the traveler is assisted by central security emergency team

T Security System



Security survey: worldwide investigations for the preparation of highly detailed emergency plans and evacuation procedures

Cyber Security in Ansaldo





Thanks
For your attention