



Hydrogen and decarbonization mission Torino- July 1° 2022

RAMS&E



In collaboration with



And in collaboration with the Regional Innovation Clusters of Piemonte



per una crescita intelligente, sostenibile ed inclusiva
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INIZIATIVA CO-FINANZIATA CON FESR

RAMS&E S.R.L. is an engineering company that offers qualified and innovative consulting services in the field of safety, environmental protection and production efficiency.

Born in 1997, in the context of the Incubator for Innovative Enterprises of the Polytechnic of Turin, it is based at "Environment Park" the technological district of Turin.

It operates in Italy and around the world with a technical and management staff of approx. 15 engineers, many of which with PhD's and Post Graduate Masters, and with a network of external collaborators from universities, research institutions and partner companies.

Since its foundation, RAMS&E is a direct actor in scientific and technological research and development thanks to a continuous exchange of experiences within research and university sectors and participation in research projects



RAMS&E provides engineering services to ensure sustainability for production and service activities, both in the phase of designing installations and systems and in supporting their management during the operational life.

Therefore RAMS&E is a cross-interlocutor for the life cycle of systems or installations. With a risk-based approach, it supports Clients in the implementation and maintenance of the objectives of productivity, safety and minimization of impacts, over time.

RAMS&E provides professional training in Italy and internationally (mainly in Europe, Asia, Africa) creating company programs and courses on the issues covered by its engineering services. It also proposes multi-company enrollment courses on issues for which it is intended to encourage interaction between several industrial sectors.

-  Maintenance engineering
-  Reliability and availability
-  Functional safety
-  Process safety
-  Process hazard analysis
-  Industrial risk and Major Risks
-  Environmental authorization process
-  Regulatory compliance
-  R&D activities
-  Training activities

We, for more than 20 years, operates by developing, for each project, studies that combine methodological accuracy and practical and innovative approaches, satisfying the specific needs of the Client at best

What are we looking for

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Due to its nature services, RAMS&E follows with interest the technologies driving the ecological transition and in particular the following areas, in which engineering, consulting, research and training activities are underway:

- *Liquefied Natural Gas (LNG)*
- *Battery Energy Storage Systems (BESS)*
- *Development of nuclear fusion*
- *Use of Hydrogen*



RAMS&E is a harmonious group of expert technicians, with a solid experience gained in leading Italian and international industrial groups, capable of permeate, from one sector to another, techniques and knowledge at the service of innovation and improvement

We are looking for Partners, new engineering graduates or student available to work with us with a passionate and proactive approach, the same we use in understanding Client's requests and proposing solutions adapted to their specific needs.

With particular reference to the use of hydrogen, the activities of RAMS&E is doing are:

- ***Research activity on underground storage of hydrogen / methane mixtures***
- ***Support to the risk-based design when specific standards are lacking.***
- ***Design optimization through reliability assessment, PHA and functional safety studies***
- ***Training of designers and project managers***
- ***Environmental permitting***



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