SAFENANO RiskMap
Manage risks in your business process

Inadequately examined risks and a changing regulatory environment slows down investment and the market launch of products developed with new nanomaterials. With our SAFENANO RiskMap you can integrate risk management in your innovation process and make it part of your business success.

The SAFENANO RiskMap is a planning and management document which supports your innovation process. It provides you with an environmental, health and safety profile to make products that are safe from R&D to full production.

Your SAFENANO RiskMap allows you to:
- Identify critical elements in your R&D, materials and production processes
- Identify gaps to be addressed
- Define the best time to implement measures
- Build up your risk management system step by step
- Integrate your EHS approach into your corporate management
- Be more cost effective and better for workers and the environment
- Make safety and health a part of your innovation plan

The SAFENANO team also helps you apply the RiskMap in your business.

We provide tailored support to implement the mapped elements and we can train your EHS team to follow the recommendations as your company and production grows into a successful and sustainable future.

Contact SAFENANO today to get a RiskMap to integrate safety and health in your business strategy.
The SAFENANO RiskMap identifies and provides solutions for managing the risks along the value chain from R&D through scale-up to production and all the way to disposal, integrating it with your existing occupational health and environmental risk management. Our wealth of expertise and experience enables us to provide you with practical solutions for all workplace, health and environmental needs.

**Initial assessment of product and business**
- Assess the current status of your business and products
- Benchmark against international best practice
- Identify gaps and management needs
- Propose timing to address the needs

**Regulatory, compliance and standards support**
- Safety Data Sheets and Labelling
- Customer information
- Environmental assessment
- Compliance with national and international regulations

**Workplace assessment**
- Audit of existing control methods and newly installed devices
- Release testing
- Exposure and risk assessment

**Product development and testing**
- Human and ecological hazard profiling of your materials
- Physico-chemical characterisation
- Emission and exposure scenarios for users
- Support in creating products which are “Safe by Design”

**Development of company policies**
- Risk management to continuously improve EHS performance
- Integration of risk management into business processes
- Training strategy and plan for new and existing staff

**Training**
- For production staff, safety experts and all management levels
- Safe practices and use of protective equipment
- Strategies to translate policies into company practice
- Risk management as part of the business plan

**System and facility design**
- Assessment and gap analysis of existing system and facility
- Support engineers in designing new facilities & scale-up
- Define health-relevant specifications for installations & processes
- Conduct acceptance testing for new controls

**OUR COMPANY**

The Institute of Occupational Medicine (IOM) is one of the leading providers of workplace health research, consulting and services. Our expertise extends across a very wide range of disciplines.

Established in 1969 in the UK as an independent charity, we have our origins in the research sector where we continue to have an international reputation for pioneering workplace health projects. IOM employs around 140 staff who help deliver safer working environments and healthier working lives for thousands of employees around the world, across every possible industry and service sector. We operate from our UK headquarters in Scotland, our regional offices in London, Stafford and Chesterfield), and our office in Singapore which opened in 2012.

Today, IOM is one of a select few internationally recognised authorities on workplace health. Our work is accepted across all stakeholder groups, from management to employee representatives as well as regulatory agencies and governments around the world.

SAFENANO was established as a Centre of Excellence in Nanotechnology Safety at IOM in 2006 to provide industry, academia and governments with independent authoritative expertise in hazard assessment, exposure, occupational hygiene and risk assessment, to facilitate the responsible development of nanomaterials and nanotechnology-enabled products.

SAFENANO is dedicated to providing the highest quality expertise to help nanotechnology emerge and develop on a safe and sustainable basis, maximising its commercial potential, through a continuous development and improvement of our knowledge, equipment and practice.