



# Corporate Overview

## — Competence and Experience

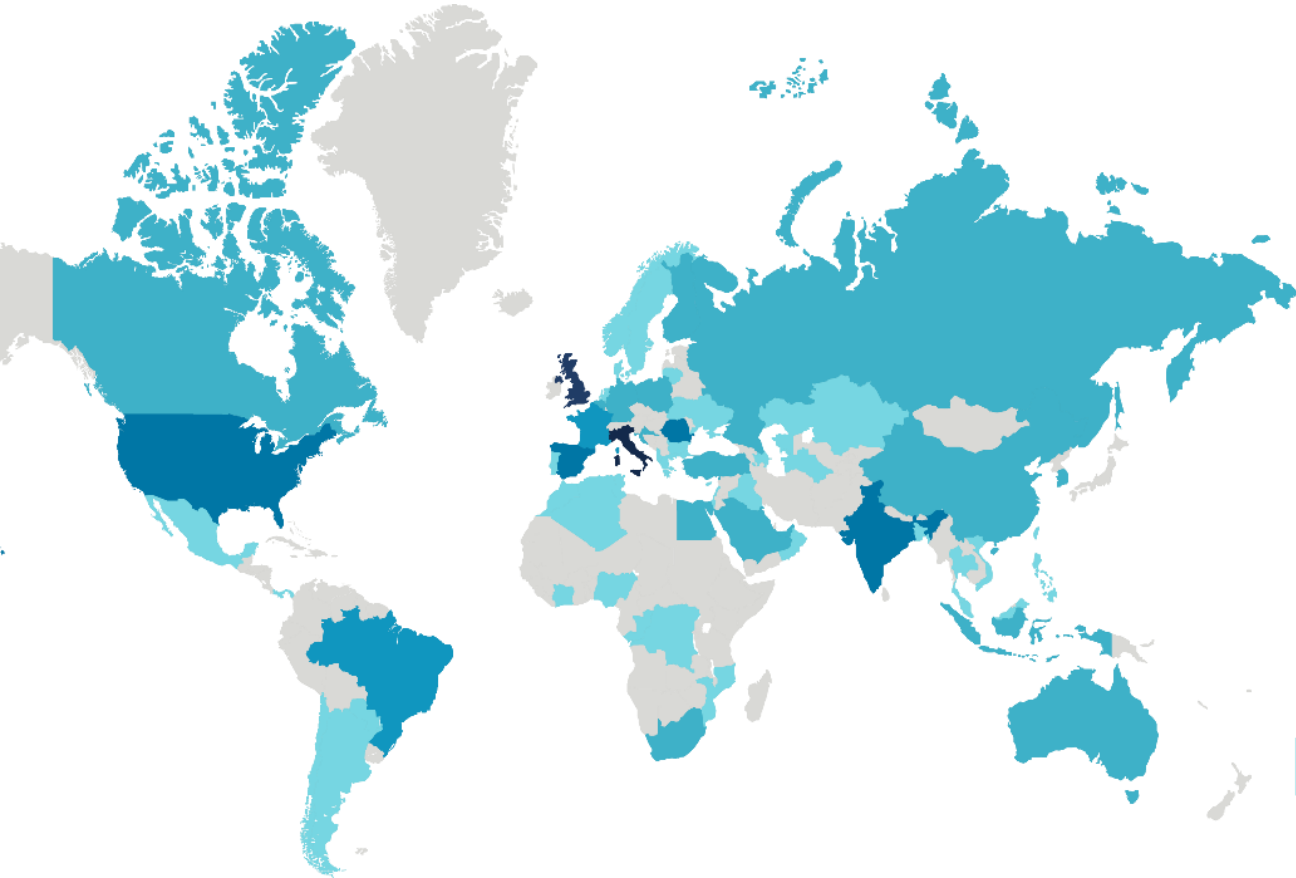
### Tailored solutions for around 160 years

RINA provides a wide range of services across the Energy, Marine, Certification, Transport & Infrastructure and Industry sectors through a global network of 200 offices in 70 countries.

RINA is a member of key international organisations and an important contributor to the development of new legislative standards.



## What is RINA today



**3.900** People

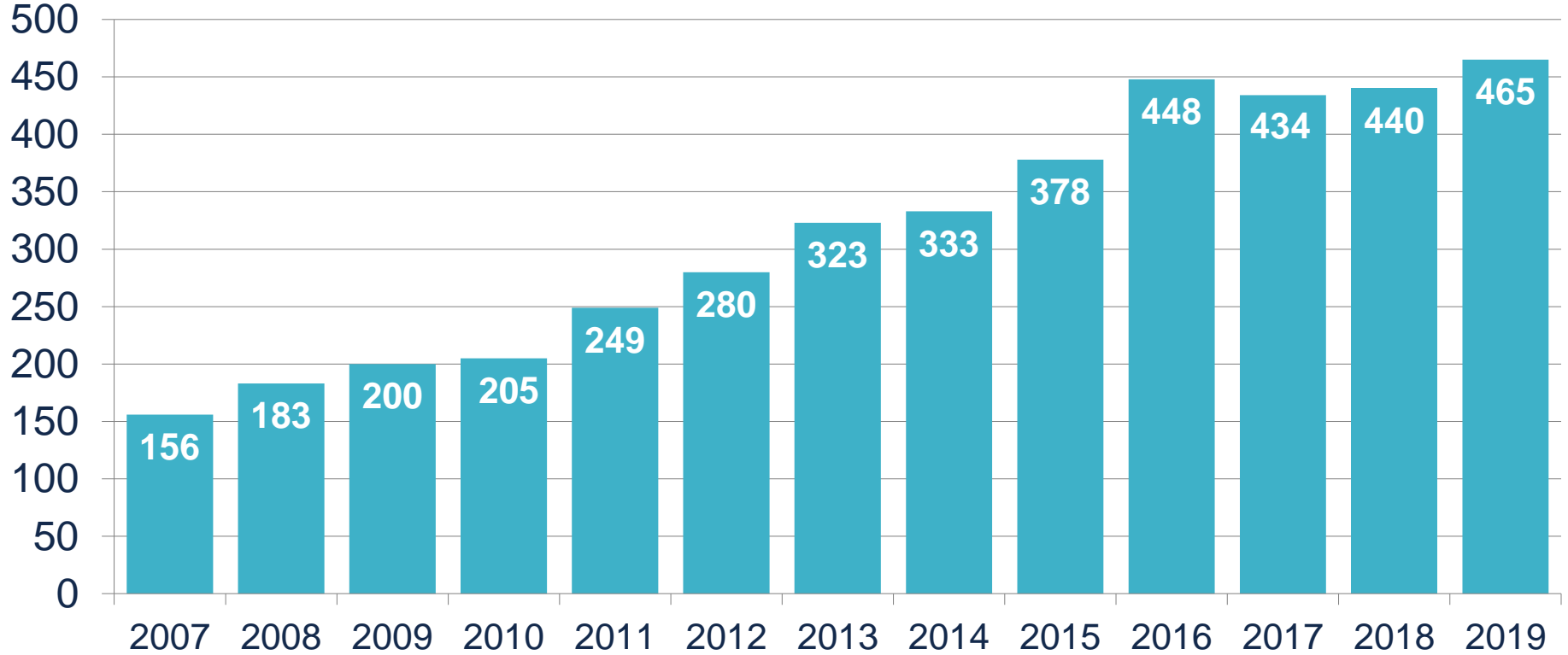
**200+** Offices

**70+** Countries

**LEVEL OF RINA PRESENCE:**



# Revenue Trend (MLN/€)



# Our Markets



**Energy**



**Marine**



**Certification**



**Transport &  
Infrastructure**



**Industry**



**Inspection & Field**



Energy



- **20+** Environmental, permitting and biodiversity studies
- **1,350 MW** Grid connection support for offshore wind energy in Europe and Asia
- **50+** Integrity operating windows studies for refinery units
- **IOWS** for **47** refinery and petrochemical plant units
- **180+ LNG** Projects carried out
- Electrical design for a **476 MW** offshore wind farm
- Management consultancy for the **1,814 KM** long tapi pipeline
- **425 KM** of inspected subsea pipelines

# Energy - Oil & Gas



## SERVICES

- Geosciences
- Environment, HSE & Permitting
- Logistics
- Advanced Numerical Simulation
- Pre-FEED, FEED & Detail Design
- Project Management Consulting
- Operation & Maintenance Engineering
- Asset Integrity Management
- On Site Assistance
- Construction & Commissioning Management
- Inspection, Expediting and Material Management
- Vendor Qualification and Auditing
- QA/QC and Site Supervision
- Asset Classification or Certification





# Energy - Power

## SERVICES

- Power plant design
- Power equipment design
- Architect/Owner's engineering
- Power systems planning
- Grid connection studies
- Protection studies
- HVAC & HVDC services
- Power systems software
- Earthing & lightning protection
- Construction monitoring and project management
- Full technical due diligence
- Environmental and social studies and permitting
- Sustainability studies
- Inspection, Expediting and Material Management
- Vendor Qualification and Auditing
- QA/QC and Site Supervision





Marine



- **46.0 M GT** of classed ships
- **6,900** Classed ships
- **5.5 M GT** in orderbook
- **175** Ships delivered (total 1.1+ M GT)
- **8 M GT** of classed fleet in China
- **1<sup>st</sup>** Cruise ship powered by LNG in the COSTA fleet
- **49%** of total passenger ships orderbook
- **116** Flag authorisations

# Marine



## SERVICES

- Classification and Statutory Services
- Certification of Material, Product & Personnel
- Marine Technical Advisory Services
- Training for crews and ship operators
- OPTIMUM fleet performance management application
- Remote inspection and testing
- Inventory of Hazardous Materials
- Digital Ship Notation
- BIOSAFE Ship Notation
- Global Marine Training Centre





## RINA FLAG RECOGNITIONS

- RINA operates on behalf of 116 flag administrations
- RINA is authorized by 22 European member states
- In the latest years new agreements have been signed with: Azerbaijan, Bulgaria, Canada, Chile, Iran, Mexico, Oman, Paraguay, Romania, Russia, South Africa, Thailand
- Further agreements are in progress: Argentine, Brunei, Indonesia, Moldavia, Mozambique, Nigeria, Papua New Guinea



**Certification**

# Certification



- **140+** Certification schemes
- **970+** Certificates in food schemes
- **1,500+** Companies certified with Food schemes
- **28,000+** Management systems certificates
- **36,000+** Product certificates
- **81,000** Personnel certificates
- **150,000** Laboratory tests
- **1,000** GHG reduction projects completed or ongoing

# Certification



## SERVICES

- Management systems certification
- Product certification
- Personnel, processes and project certification
- Inspection & testing of equipment
- Training on management systems
- Automotive audits and testing
- GHG projects validation and verification
- Anti-corruption management system
- Biosafety trust certification





# Accreditations and Membership





**Transport & Infrastructure**

# Transport & Infrastructure



- **31** Projects in **31** Countries
- **1,500 KM** of metro/LRT projects
- **341** Railway certification projects
- **21,000 SQM** of sustainable buildings certified
- **40** LEED and BREEAM sustainable building projects
- **115** Design verification contracts as Third Party
- **226 K +** Hours of engineering consultancy
- **1,500** Contracts for Corporate Loan appraisal (Real Estate)

# Transport & Infrastructure

## SERVICES

- Studies, Conceptual Design & Feasibility
- Design Services & Technical Advisory
- Procurement Assistance and Contract Management
- PMC, Construction and Site Supervision
- Sustainability and Energy Efficiency Advisory Services
- Asset Integrity Management (AIM+)
- Operation and Maintenance
- Logistics and Supply Chain
- Procurement Inspection and Expediting - Welding / Coating Inspections, NDT tests
- Vendor Qualification & Auditing





Industry

## Industry - Space & Defence



- **285 K** Productive hours of S&D activities
- **25 K** Productive hours on space projects
- **22 K** Productive hours in safety projects
- **13 K** Productive hours on ILS / In service support projects
- **24.4 M £** in benefits through efficiency identification
- **43 K** Productive hours on Training & Learning projects
- **82%** First-time pass rate for ASME Level 1 inspector training
- **92%** Pass rate for range of API exam preparation courses

# Industry - Materials, Technology & Innovation



- **500+ KG** Special alloys powders produced for AM applications
- **800+ K** Hours of high-temperature stress tests
- **300+ K** Hours of stress corrosion tests
- **170+** Industry 4.0 investment assessed in Italy
- **400+** Failure investigation on components
- **5,000+** Man days on steel plants worldwide
- **5** Space/nuclear technologies transferred to industrial applications
- **25+** Technology positioning and business strategy consultancy

# Industry - Space & Defence

## SERVICES

- Combat Systems and Physical Integration Design
- Simulation, Test and Trials Support
- Software Development
- Hardware, Firmware and Software Design
- Cyber and Physical Security Design
- Integrated Logistic Support Management and Engineering
- Systems and Integration Engineering
- P3M, Management Services & Decision Support tools
- Financial, Functional and Enterprise Modelling and Simulation
- Training & Learning Solutions
- Decision Support Tools and Data Analytics
- Independent Safety Advisor and Assessment

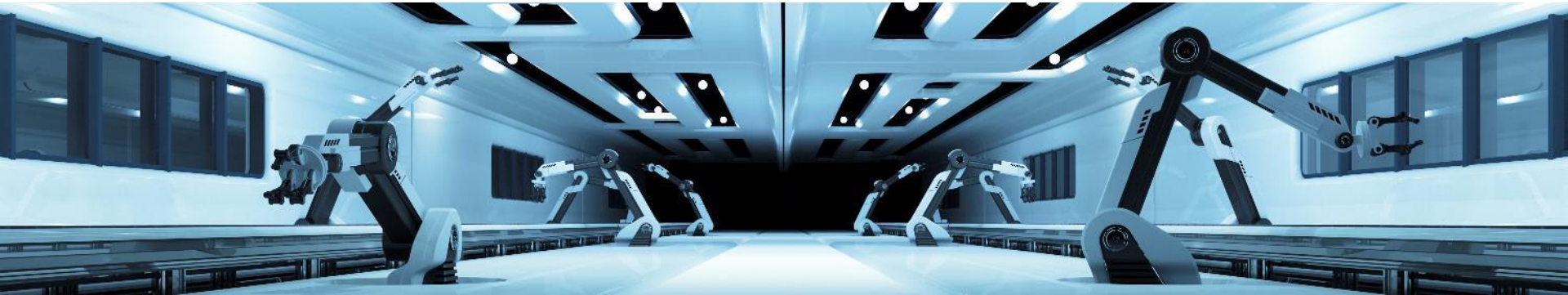




# Industry - Materials, Technology & Innovation

## SERVICES

- Innovation & Business Strategy
- Product Design & Engineering
- Materials and Product Development
- Manufacturing Process Innovation & Smart Manufacturing
- Material Selection & Qualification
- Product & Process Sustainability
- Engineering Critical Assessment (ECA)
- Life Cycle Assessment
- Performance Assessment
- Condition Assessment & Forensics





# Inspection & Field

## — Inspection & Field



- **400,000+** Hours of field activities in O&M
- **1,100,000** Hours of site supervision
- **20+** Offshore Oil & Gas platforms certified
- **50+** IOW studies for refinery units

# Inspection & Field

## SERVICES

- Commissioning supervision
- Drilling & completions
- Expediting
- Logistics and supply chain
- Marine warranty survey
- Material and product certification
- Material management
- Pre-shipment inspection
- Pre-shipment and traceability global assurance
- QA/QC at site

# Inspection & Field

## SERVICES

- RBI, IOW, inspection planning
- Site construction supervision
- Smart Monitoring and Integrity Management
- SURF
- Vendor inspection
- Vendor qualification
- Welding and coating inspection and NDT tests





Make it sure, make it simple.