The New Bridge for Genoa

RINA was the Project Management Consultant for the Commissioner’s team and in charge of the Works Supervision, Quality Assurance and Health and Safety during both phases of demolition and construction of the viaduct.

**Milestones**
- **14 August 2018**: Collapse of the Morandi bridge
- **28 June 2019**: Explosion of the Morandi remains
- **15 April 2019**: Construction officially begins
- **28 June 2019**: Explosion of the Morandi remains
- **3 August 2020**: Opening of the new Genoa bridge

**Consulting Engineering**
- 220,000 hours of engineering work
- 80 people dedicated to supervising the project
- 3,200 technical documents
- 3,200 inspections

**The Bridge in Numbers**
- 1,000 workers employed
- 95% of the energy consumption covered by renewable sources
- 1,067 meters bridge length
- 67,000 cubic metres of concrete
- 60,000 vehicles each day
- 60,000 tonnes of steel and metalwork
- 100% excavation material recycled
- 350 companies involved
- 20 construction sites simultaneously
- 18 piles ~ 1,500 meters total height (over and below ground)
- 2,000 inspection documents
- 3,200 technical documents
- 10,500 project documents
- 24,000 tonnes of steel and metalwork
- 2,000 inspection documents
- 3,200 technical documents
- 10,500 project documents