

WHO I AM – MY SPECIALIZATIONS

PROCESSES & PLANTS

Water/Waste Treatment
PM/ Construction Management
Environmental Engineering / R&D



ESG LEAN 6 SIGMA
HSEQ Management Systems
Production Optimization
Sustainability Report

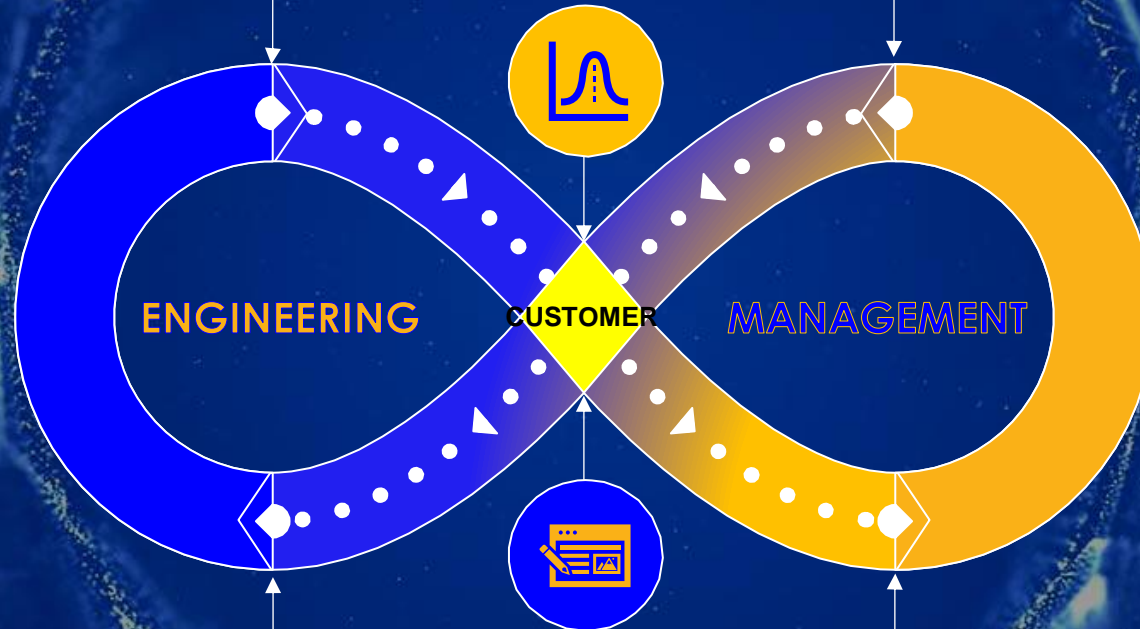


FRACTIONAL MANAGEMENT
INNO-DIGI-GREEN Management –
BPre –engineering
Business Development



Eng. Giovanni Rissone, MBA

g.rissone@sjconsulting.it



- CHEMICAL ENGINEER registered with the Order since 2000
- MASTER OF BUSINESS ADMINISTRATION SDA Bocconi
- LEAN 6 SIGMA GREEN BELT

[Check profile on LinkedIn](#)



ENVIRONMENTAL CONSULTING

Administrative procedures
Party-Appointed Tech. Consultancy
Cost Reduction Analysis



TEK-COM SUPPORT
Sales Technical Support
Insights editing
Educational posts/social marketing



CIRCULAR DESIGN

New sustainable opportunities
- ideas, strategies & models for
sustainable business growth



SOME REALIZATIONS – case histories & development ideas

PROCESSES & PLANTS

- ✓ **Wastewater recycling plant** and industrial wastewater treatment from tank cleaning facility
- ✓ **Turnkey contract** for the expansion of the wastewater treatment, drinking water production and biomethane production plant (€6M)
- ✓ **Drinking water treatment plant** Lake Orta (info www.bit.ly/ortagr)
- ✓ **Revamping of biogas energy recovery plant** from anaerobic digestion of sewage sludge
- ✓ **Integration and upgrading of SCADA** for automation and remote control of water/wastewater technological systems
- ✓ **R&D and patenting** of advanced catalysis process EMER - Adsorption phase
- ✓ **Process optimization / design** of photographic developer preparation line for the medical sector

ESG LEAN 6 SIGMA

- ✓ **Lean 6 sigma process re-engineering** – goal 16,000 (make/buy mix process) applied to customer interventions – <https://t.ly/vb9-y>
- ✓ **Process optimization, BOM and line layout optimization** (Lean 6 Sigma logic) // Production planning process/unit launch with MRP-MRP II technique // Industry 4.0 incentive request
- ✓ **Sustainability plan and report - ZDHC** - Zero Discharge of Hazardous Chemicals, design and project management of an integrated "Brine recovery - AOP" plant (ECOMONDO2023- <https://t.ly/XUwEG>)
- ✓ **Design, implementation, auditing and certification** of integrated 9001-14001-45001 systems - EMAS Regulation in various industrial sectors
- ✓ **UNI EN ISO 22001** (food safety) in integrated HSEQ system (9001-14001/45001)

TEMPORARY MANAGEMENT

- ✓ **Supply chain rationalization** for the group, cost analysis, purchase price reduction, supplier scouting and rating
- ✓ **Organizational restructuring** of the startup (from the merger of 6 companies): process streamlining, organizational restructuring, adoption of industrial accounting and ERP system
- ✓ **Structure of an agency network** for the development of foreign markets and commercial/business development manager for APAC (Russia, Far East and Australia)
- ✓ **Reorganization of a operating division** (75 operators in the field): integration of new FSM (Field Service Management) with the company's ERP and work safety software // creation of a "Planning and Control" center to increase productivity and SLAs // real-time job costing and invoicing system

CIRCULAR ECO-DESIGN

- ✓ **Process optimization** for converting spent battery waste into a catalyst for the treatment of industrial liquid waste (patented)
- ✓ **Design of a proprietary model** for assessing corporate sustainability for SMEs - based on UNI-UN action plan-EFRAG/ESRS standards
- ✓ **Support for startup** in the fast pyrolytic transformation of organic fraction from agriculture into biofuel
- ✓ **Transformation** of urban wastewater treatment plant into a platform for industrial waste treatment
- ✓ **Process for recovering chlorides** from dyeing baths and reusing water for industrial purposes - ZDHC protocol-Zero Discharge of Hazardous Chemicals
- ✓ **Project to convert anaerobic digesters** of sewage sludge into bioreactors for the valorization of organic fraction of municipal solid waste

TECHNICAL - COMMERCIAL SUPPORT

- ✓ **Drafting of technical and commercial proposals** to support the sales network for treatment plants with innovative EMER technology
- ✓ **Roadshow for shareholders** to present the project for the establishment of a new company managing Ciriace Environmental Services
- ✓ **Authoring technical articles** on new technologies and their applications (example: <https://t.ly/FoAll>)
- ✓ **Training courses for sales agents** on HSEQ - Health, Safety, Environment, Quality, Lean 6 Sigma, Innovation and Digital
- ✓ **Social Media Management for websites and e-commerce**-content marketing posts on innovation, digitalization, sustainability and workplace safety (<https://bit.ly/rissonegi>)
- ✓ **Management of e-commerce** and blog for health and safety products

ENVIRONMENTAL CONSULTING

- ✓ **Defensive investigations, expert witness and legal support** for environmental crime defense
- ✓ **Tender manager** (public/private) for waste disposal, MSW collection, maintenance works, etc.
- ✓ **Technical report for authorization** to convert the chemical-physical & Fenton treatment plant at Interporto SITO to waste treatment facility
- ✓ **Risk assessment** report for the safety of vessel reactors according to Directive 2014/68/EU ("PED")
- ✓ Application for Modification, Enhancement and Integrated **Environmental Authorization** (EIA) of a special liquid waste disposal plant (subsequently certified ISO 14001+EMAS)
- ✓ **Technical Expert for investigation** into the pollution of the municipal water network due to uncontrolled discharge from a private water plant

