



lorien engineering solutions



consult • design • manage • construct



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Since 1985 Lorien has provided class-leading design and project management services for clients in the hygienic process industries.

We have delivered \$2bn of projects for blue-chip clients, taking projects from concept through to implementation, adding significant bottom-line benefits to their businesses. Our reputation is your guarantee.

24 years of experience :

- Biotech
- Beauty Care
- Brewing
- Drinks
- Food
- Household Products
- Pharmaceutical
- Biotech
- Sustainable Waste & Energy
- Safety Compliance Consultancy
- Construction Safety Services

UK • Western & Eastern Europe • Asia





Food

- Snack foods
- Baked products
- Dairy & chilled food
- Ready meals
- Coffee, tea
- Chocolate
- Sugar confectionery
- Fresh and cured meat



Biotechnology

- Cell cultivation
- Bio film production
- Sterile water
- WFI
- Sterile facility design
- Scale-up studies
- Impact assessments



Research

- Laboratory design
- Facility upgrades
- Compound research
- Pathogen research
- Program scale-up
- Agrochem research



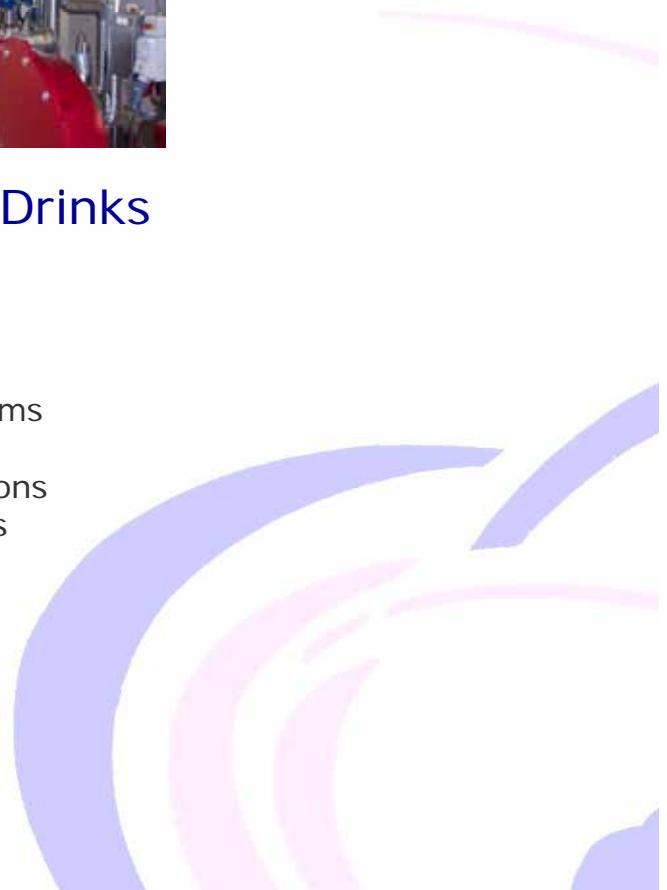
Health Care

- CGMP facility upgrades
- API batch blending
- Personal care products
- Sterile water systems
- Cleanrooms and general HVAC regimes
- Solid, liquid and IDD dose



Brewing & Drinks

- Design studies
- Process design
- Mass balance
- Packaging systems
- Brewery utilities
- Turn-key solutions
- Plant relocations



Lorien Partnership Approach ~ Ranked #1

Our clients help to shape our business each year, through our Customer KPI Review. 'Partnership Approach' has been voted by clients as our best feature for 2 years in a row. With repeat business consistently over 80%, we listen carefully to what clients tell us, developing approaches and skills to meet their needs.

Services Under One Roof :

Project Management

Health & Safety Consultancy

Sustainability Consultancy

Performance Improvement

Engineering Design Services in:

- Building & Civils
- Building Services
- Process Systems
- Utilities
- Packaging Systems
- Electrical
- Automation

Appropriate Service Level :

Concept feasibility studies

Business case reports

Project cost plans

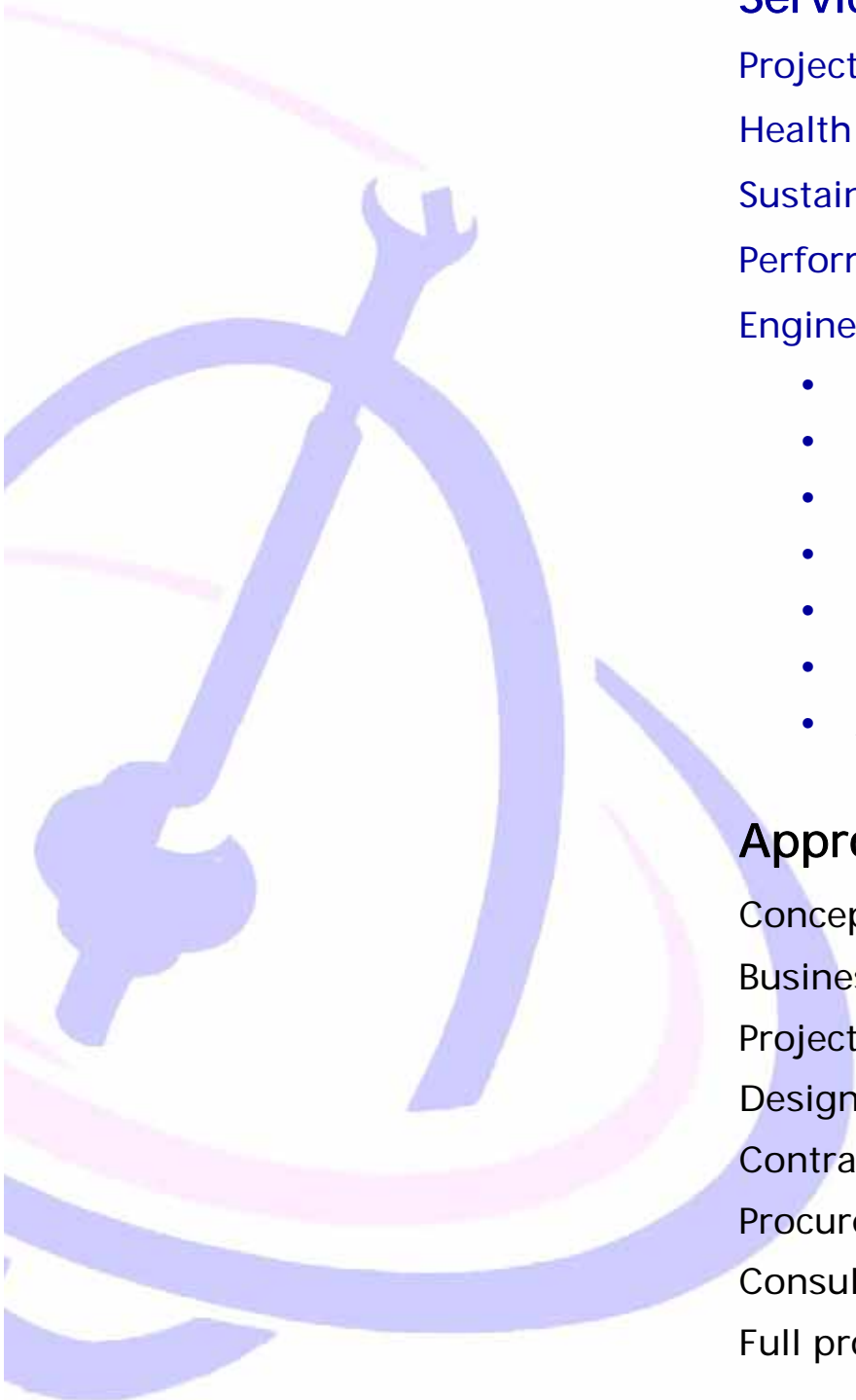
Design to tender

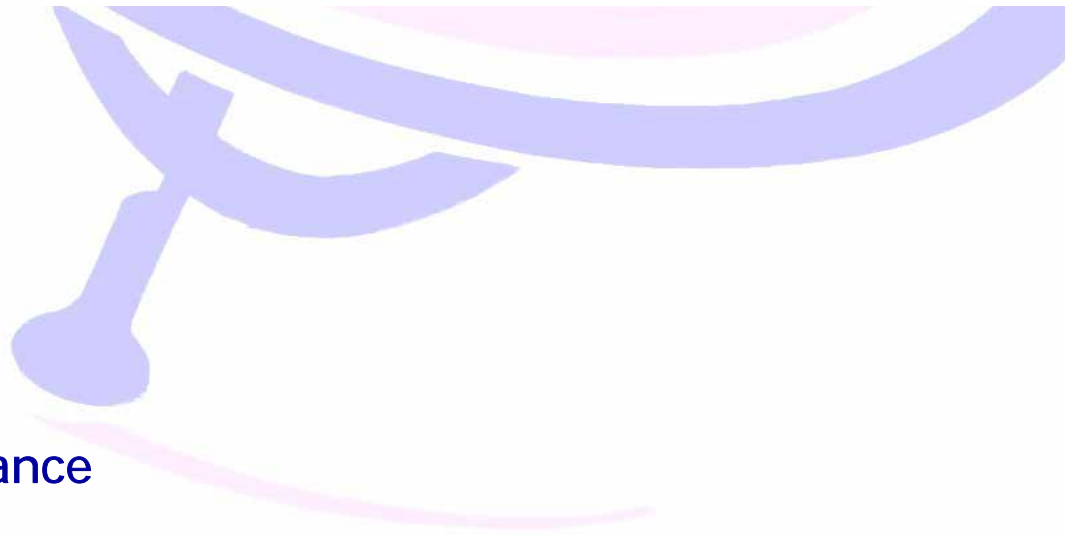
Contract administration

Procurement services

Consulting engineer duties

Full project management

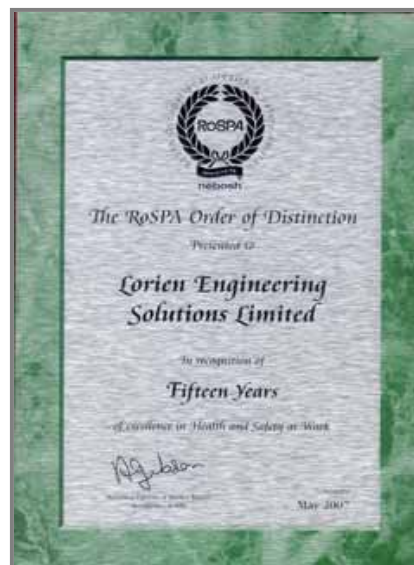




Safety Performance

Lorien Engineering Solutions can manage your project through construction on site. We operate to the highest safety standards, and often act as the project safety coordinator (CDM-C) and as the principal contractor.

- Association for Project Safety ~ Registered members for Safety Coordination (CDM-C).
- *SAFEcontractor* scheme accreditation ~ Design Engineers, Project Management, Health & Safety Consultants, CDM Coordinators.
- Royal Society for the Prevention of Accidents (RoSPA) ~ 2009 Order of Distinction for Occupational Health and Safety.
- ISO9001 accreditation since 1992 via SGS Yarsley.



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