

Cement industry

Mott MacDonald Ireland Limited



Aerial view - Irish Cement Plant, Platin, County Louth.

Mott MacDonald Ireland

Mott MacDonald Ireland, a wholly owned subsidiary of the Mott MacDonald Group operates as a multi-disciplinary consultancy with particular experience and capabilities in providing civil and structural engineering, industrial architecture, planning, cost control and project management for the Cement Industry.

E.G. Pettit, who became part of Mott MacDonald Ireland in 2006 have worked in the cement industry since 1970, and that experience and ability is now available within Mott MacDonald.

Specialist structures and buildings for the cement industry are specific to that industry, and require a general understanding of the process parameters and requirements, including access and maintenance arrangements. In addition an understanding of and familiarity with the significant loads, spans and heights required is essential together with a familiarity with the approach used by the specialist equipment suppliers to provision of design input information.

A particular challenge in the cement industry is overall constructability. Key to the success of any cement project both the programme and the construction logistics to match civil and structural sequence with availability and installation heavy specialist equipment. A typical Preheater will have an overall height of up to +125m, with heavy cyclones installed at +100m.

We are a Quality Assured company under the International Quality Standard ISO 9001:2000 & ISO 14001:2004. The company employs full time quality managers and regular audits are conducted by trained auditors to ensure our high quality standards are maintained.

With over 150 personnel in our Irish offices and the support of +14,000 worldwide, we can mobilise the required specialist teams to provide a tailored service to the industry at all times.

Key areas of expertise

- Project feasibility and planning
- Project cost estimating and cost control
- Specialist civil and structural engineering
- Industrial architecture and fire safety
- Project and construction management
- Vibration analysis for mill foundations
- Acoustic control
- Environmental management, including quarries
- PSDP (for cement projects)



Clinker silo at Irish Cement Plant, County Limerick.

www.mottmac.ie


Mott MacDonald



Irish Cement Plant, Platin - Preheater.

Contact us

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Recent or Current Projects include:

Platin, Ireland:

- Complete new kiln line, from limestone storage to cement mill.
- Alternative fuels project Small Craft Harbours & Marinas

Mungret, Ireland:

- New clinker silo
- Alternative fuels project

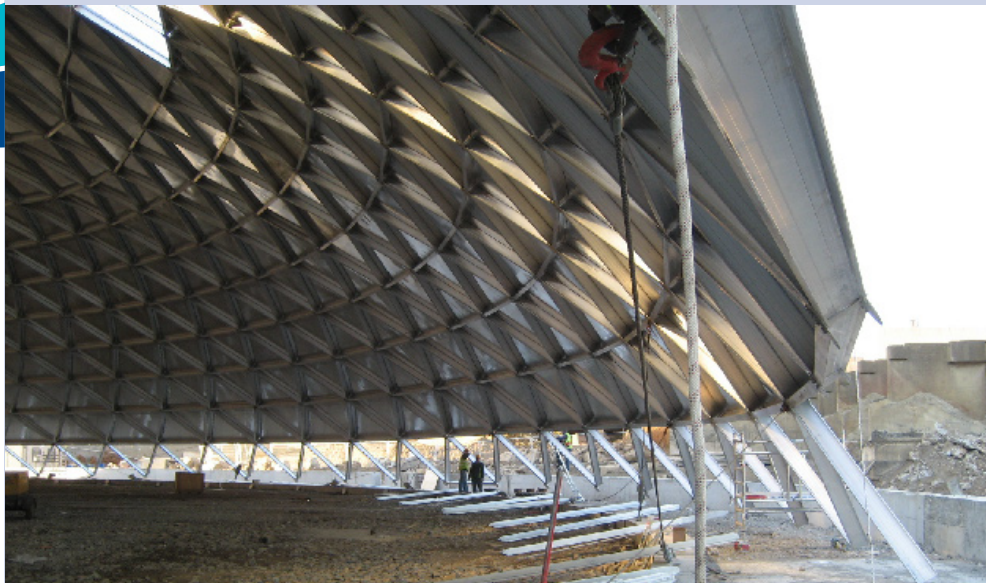
Ozarow, Poland:

- New raw mill, gas conditioning and coal mill

Podilsky, Ukraine:

- Assessment of capacity of existing cement silos for new kiln line project

Irish Cement Plant, Platin - 5,000 sq. m - geodesic dome for materials storage.



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