

Safety by Design

'Safety by Design' is at the heart of the CDM Regulations, which elaborate on responsibilities of duty holders to ensure risks are avoided, mitigated or controlled so far as is reasonably practicable.

The CDM Regs place specific duties on Designers to:

- Reduce hazards where feasible
- Reduce risks from hazards that cannot be eliminated
- Provide information on residual risks if significant

Designers must therefore consider all stages of the project and demonstrate they have adopted the ALARP principle (as low as reasonably practicable) in reducing risk.

This approach is wholly consistent with saving cost and planning for efficient construction, operation and maintenance, which is best achieved when you have maximum flexibility to make changes - at the design stage.

elnet consulting has been involved in and managed design review and HAZID (hazard in design) processes which has resulted in positive changes to proposed designs.

Facilitating a challenging yet positive environment where designers meet with construction and operations personnel to review proposed designs encourages debate and ensures stakeholder buy-in to the final design. This approach also reduces waste by teasing out potential delays through the early identification of such things as incompatible sequencing of work or inefficient planning.

For safety by design to add-value, designers must be able to engage with, and utilise the experience of, their colleagues to incorporate design changes that will deliver benefits for the project and generate potential savings into real pounds.

We can work with your in-house team or provide consultancy services to maximise the benefits from the safety by design approach.