

## Mark Geary CEng, Eur Ing, CEnv, BEng (Hons)

### CASE STUDY

Since the start of my engineering career in 1998 my goal was to gain professional recognition as a Chartered Engineer. I achieved this in 2002, when I was registered as CEng through the Institution of Agricultural Engineers (IAgrE), and can confirm that the benefits definitely justify the work required to gain registration.

My first qualifications were an HND in Civil Engineering and a degree in Environment Engineering. I then started working as a Design Engineer and subsequently joined a waste water treatment manufacturer (supplying the construction industry) as Engineering Manager. After working as Project Manager in Flood Defence schemes I moved into consultancy, providing project management and procurement services for various clients in the infrastructure sector.

The many interesting projects I've worked on include a scheme to maintain the existing flood defence bund on the salt marshes at Dartford Creek. This included both hard (sheet-piling) and soft (brushwood faggots) engineering solutions for the embankment protection, to prevent further erosion and encourage sedimentation, providing a platform for the creation of salt-marsh habitat, in accordance with the Environment Agency's policy to enhance and preserve salt marsh.

As an Associate at international Built Asset Consultancy EC Harris LLP, I work as a Project Manager and Team Leader. Recent commissions have included Senior Project Manager for Stagecoach Rail, leading a team of project managers in the Station Enhancements Portfolio for the Major Projects directorate. This involved the whole project lifecycle, developing the scope of work with the Sponsor, selecting the framework designers managing multiple stakeholders (including Network Rail, South West Trains and local authorities), developing business cases and obtaining board approval, through to ITT preparation, tender evaluation, managing the contractor and handover.

My current commission is a return to Flood Defence, fulfilling the Project Manager role for the client under the NEC3 Option-C form of contract, for a scheme installing a new culvert, pumping station, rising main and outfall at the Erith Marshes.



Holding the post nominals CEng mean that my competence is recognised by my employers and others in the industry, and my career has progressed steadily since I became professionally registered. In addition, belonging to IAgrE means that I always have other members to share knowledge with, which I find invaluable.