

## **Course Outline:**

Delivering Infrastructure Projects Successfully

2 day classroom course – 16 hours course

Course Material and a free published book will be given to delegates on the first day.

## **Learning Objectives:**

Several researches including that by Bent Flyvbjerg 'What You Should Know About Megaprojects: an overview' indicates large infrastructure projects are notoriously coming in late and overbudget despite all the new project control tools being developed. Several research on critical success factors for infrastructure projects points towards the fact that there is not enough focus on the tools that make these projects successful.

The course is based on a combination of the tutor's experience of making infrastructure projects successful and research on large infrastructure projects on what makes projects achieve their objectives. Several critical success factor models are discussed.

Delegates will use case studies of projects completed by the tutors to undertake exercises which is a replica of what occurs on infrastructure projects. They will be required to troubleshoot, discuss project set up, identify opportunities and address team members and supplier issues.

The intention is for delegates to have tools they can use on their infrastructure projects. It is to give delegates a deep understanding of the practical issues that occur on the day to day setting up and running of infrastructure projects and how to deal with them effectively.

The course has a strong focus on the combination of Leadership, Psychology, New science on how the mind works and project management tools required to make infrastructure projects a success.

The course focuses on the following critical success factors:

- How to define success uniquely for your project and identify the critical success factors required
- Ensuring you have effective top-level management support
- Choosing the right team to ensure the success of your project
- Ensuring your procurement process sets you up for success
- How to develop a robust project schedule
- Monitoring and control- the best tools to use and how to solve the issues that come up with the tools you use
- Proactive Risk Management
- Reactive Trouble shooting

- Supplier Collaboration
- Lean Philosophy
- Project Leadership

Instructor: Clement Kwegyir-Afful BSc MSc CEng FICE MAPM

The Instructor is an experienced project manager who has delivered award winning projects and also turned around struggling projects and set them up for success. Some of the projects he has worked on includes HS2, Hinkley Point C and Reading Station Area Redevelopment Project.

Apart from receiving awards with his projects, the tutor has also published a book on project management, received commendation from government organisations (HE) and a thank you letter from a former UK Prime Minister.

The instructor consults for large infrastructure projects and government organisations in the UK and overseas.

The tutoring is therefore based on real project experiences and real project templates to create outstanding project managers.