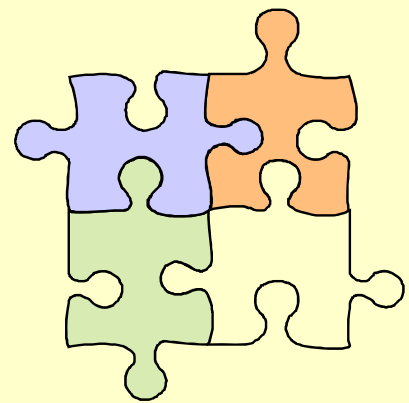**Centre**
for SOFTWARE
Engineering

"Projects with a Difference"™
CSE Project Management Services

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"Projects with a Difference"™ is the Centre for Software Engineering's approach to providing a unique way to managing projects.

We believe that all projects can avail to best industry standard principles that have been proven to work successfully for many years. We call these principles **"The Basics"**. The Basics include sound approaches to key project management elements, such as planning, tracking and estimating.

We do, however, believe that a "one size fits all" approach to managing a project is a mistake. It is our belief that a tailored approach to project management needs to take account of the environment in which the project is undertaken within an organisation. We call this tailored approach **"The Differences"**.

These differences could include projects that operate in any the following situations:

- Unclear requirements or scope
- Multi-discipline or Multi-location or Multi-partner
- Outsourced or Subcontracted
- Use of new or novel technologies
- Migration of old technology to new technology
- Software and Hardware Integration
- Multi-platform
- Multi-media
- Compliance with legal or other regulation
- Bespoke, COTS or Customisation
- Safety critical
- Scalability
- Basic Research

Our approach examines the way you manage, or intend to manage, your project. We look at the project from both views: **"The Basics"** to ensure that you have sound management principles in place and **"The Differences"** to ensure that you have an optimised tailored approach to managing your projects. We believe that taking this approach will enhance your project's success and will ensure a successful outcome in terms of time, budget or quality.

Benefits of Our Approach to your Organisation

By working with CSE, you will be sure of implementing an approach that not only meets your organisation's requirements but will be flexible to change as your operation evolves into the future. The approach will enable you to develop the effective skills, to ensure that:

- A sound infrastructure will be in place that will greatly enhance the success of your projects
- The infrastructure is tailored to suit your organisation's needs
- You will have skilled people with state-of-the-art abilities on your projects
- Changing customer/user requirements can be dealt with effectively
- You will be able to improve the way you do things to increase efficiency

"Projects with a Difference"™ Services

CSE offers a range of services to support organisations in managing their projects effectively.

"Projects with a Difference"™ Assessment

CSE can carry out a "Projects with a Difference"™ Assessment to determine if you have a sufficient management framework in place to successfully execute your project. The assessment is normally carried out before embarking on a new project or after a project has been completed. However, if a live project is experiencing problems, the assessment can also be carried out while a project is up and running.

Before proceeding, the scope of the assessment to be covered will be agreed eg which project or projects, single or multiple sites, background to the project etc. From this discussion, the planning, timing and personnel involved in the assessment will be determined.

The assessment is carried out in two phases:

Phase I looks at "The Basics". Through one or more workshops, the organisation and management of projects will be examined to determine if it meets best practice. The workshops will assess the key elements crucial to all projects, such as planning, estimating, organisation and risk. They will be designed to include the input of the project's key stakeholders.

Phase II examines "The Differences". Workshops will also be devoted to examining the features of the project that are unique. The differences will be the unique or unusual features of the project that are organisation, technology, business sector, legally or environmentally-related.

The output of the Assessment of your project is a presentation, outlining the findings of the assessment. These findings will cover recommendations for change in the both the basic and unique aspects of the project and will include any major issues found in the assessment.

Further assistance, such as mentoring and/or training to support the recommendations made from the assessment can be provided, as outlined below.

On-Site Mentoring and Training

Based on the assessment, CSE can offer solutions to assist an organisation to implement our recommendations. On-site mentoring or training can take a number of forms, for example:

- Assistance in managing an Project
- Assistance in planning a Project
- Selecting the right approach for the project
- Pragmatic implementation of Project Management principles
- Development of Project Templates
- Estimating time, effort and cost
- Effective Risk Management
- Providing an effective Sub-contract Process
- State of the art development approaches
- Defining an effective Project Organisation
- Assisting in Requirements Capture
- Assisting in application architecture, design, development and test
- Effective Quality Assurance and Review

Our on-site mentoring will be tailored to the needs of your organisation, thus offering a flexible approach to suit your own timetable.

For More Information

If you would like to know more about these or any of our services please contact us at:

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