INTRODUCTION

The **definition** of **Cost Management methodology** is the **key process** to ensure reliable and profitable projects **for complex organizations**.

The course provides students know-how, techniques and practical applications of Cost Management tools to create estimates and budget plans. It also monitors the cost of a project during its life cycle, in order to support the strategic decisions of the Company.

The Cost Management approach adopted in the course **combines Top-Down parametric estimates**, used to create realistic and rapid cost evaluations, **with analytical Bottom-Up estimates** to outline a clear Work Breakdown Structure within a structured and personalized environment.

The **match between** these **two approaches allows** for a **reliable project baseline**. In addition, **Knowledge Management support** allows the sharing of internal expertise and best practices data.

The course will examine the issue of Cost Control and the monitoring of a project during its life cycle, in order to achieve the expected results.

This approach is supported by the implementation of the **Contract Monitoring and Evaluation** (M&E) **method**, whose keywords are: Contract Assessment, Risk Management and Evaluation, Key Performance Indexes and Monitoring of Work Progress and activities.

COURSE OBJECTIVES

The participants will be guided through a **concrete approach** of **cost management**, **oriented** to **process** and **best practice**. The Users will be able to **implement this approach daily**, making the best **use of** a **structured framework**, as illustrated in the course, which integrates market-leading solutions.

CONTENTS

The course will adopt the following program:

- Integrated Cost Management Methodology for complex organizations

- Parametric Top-Down estimation

- Analytic Bottom-Up estimation and definition of a Work Breakdown Structure

- Knowledge Management and Knowledge Capture

- Definition of a Project Baseline

- Use of an integrated Cost Management framework: ICOSMOS (composed by: PRICE® TruePlanning®, PRICE® TrueMapper®, Epick®, QDV®)

- Contract Assessment – Mapping, KPI evaluation and Project Risk

- Contract Monitoring – Work Progress and activities verification during the project life cycle. Performance monitoring and management of possible issues

TRUEPLANNING® PARAMETRIC COST ESTIMATION SOFTWARE AND COST MANAGEMENT FRAMEWORK (Basic)

INTRODUCTION

The courses' **aims is** to **familiarize Users** with an effective **benchmarking methodology** to **evaluate highly complex projects**.

This methodology is based on TruePlanning®, a **parametric cost estimation** software developed by PRICE® Systems Ltd, a market leader in Cost Engineering Solutions. It integrates in an innovative and complete IT framework to support the entire Cost Management process.

OBJECTIVES

At the end of the course **the participants will have**:

- Understood the basic principles of the benchmark model's methodology

- Achieved an overview of the parametric estimation tool and the IT Cost Management framework

- Understood the Cost Management services supplied or furnishable through the Cost Estimation Unit of one's own enterprise

ENDUSERS

The course speaks to **who is interested** to **know** the **estimate processes** and **management** for **costs** in the **Procurement branch**

CONTENTS

The **course will focus on**:

- Cost Management and Price TruePlanning® Parametric Software

- Product Breakdown Structure

- TruePlanning® catalog components

- Results and reports

- Data exchange procedures between contractors and suppliers

- Introduction to the Cost Management integrated framework

- Other optional Cost Management services concerning your own company

METHODS AND BENEFITS

- The **course will be delivered in classroom** with projections of slides

- **To** the **attendees will be provided** a **digital copy** of the **course teaching material**

- At the end of the course, is planned a **test** to assess the **achieved learning level**

- **A certificate** will be issued to the attendees that had passed the final test

TRUEPLANNING® PARAMETRIC COST ESTIMATION SOFTWARE AND COST MANAGEMENT FRAMEWORK (Intermediate)

INTRODUCTION

The course is an **in depth development** of the notions presented in the basic course. It will further develop the **Cost Management methodology** and the **Price TruePlanning® parametric estimation software**. The Users will use the **parametric methodology** and the **software**, directly **on case studies**.

OBJECTIVES

At the end of the course **the partecipants will have**:

- Tested the software on basic case studies

- Built a Product Breakdown Structure

- Inserted basic parameters for the modeling objects

- Learned how to use the parametric cost estimating software on basic programs with support, when needed

ENDUSERS

The course allows to **develop** the **basic knowledge** and **skills** of Price TruePlanning® software

REQUIREMENTS

- BASIC course

CONTENTS

The **course will focus on**:

- The Parametric Software Price TruePlanning®
- The Product Breakdown Structure
- 'Systems' components catalog and relevant parameters
- 'Hardware' components catalog and main parameters
- 'Software' components catalog and main parameters
- Customizing projects
- Results and reports
- Cost estimation case studies
- Cost Management framework

METHODS AND BENEFITS

- Slide projection and exercise sessions that include the use of **parametric software Price TruePlanning®**

- **A personal copy** of **the training material** of the **entire course**

- An assessment test **to confirm** the acquired know-how

- **A certificate** to the Users who have successfully passed the test

TRUEPLANNING® PARAMETRIC COST ESTIMATION SOFTWARE AND COST MANAGEMENT FRAMEWORK (Practitioner)

INTRODUCTION

The course is an advanced application of the **methodology** of **Cost Management** and the **Price TruePlanning®** **parametric estimation software**, acquired in the basic and intermediate courses. The Users will **apply** the **parametric method** and **the use** of Price **TruePlanning**® on **several case studies**. The course will also provide a **basic overview** of **Price TrueMapper®**, a cross comparison advanced tool, which compares parametric estimation against a detailed analytic WBS.

OBJECTIVES

At the end of the course **the participants will have**:

- Used the Cost Management System to support the estimation process

- Learned the advanced features of Price TruePlanning® parametric estimation software

- Used the software independently

- Learned the Price TrueMapper® software features to compare parametric estimates against an analytic WBS

ENDUSERS

The course is **recommended** to those **who wish to achieve** a **high level** of **independence** in the **production** of **parametric cost estimates**

REQUIREMENTS

- BASIC and INTERMEDIATE courses

CONTENTS

The **course will focus on**:

- Price TruePlanning® and the project's customization

- Reports and results analysis

- Calibration Tecniques

- Case studies of parametric cost estimation

- The Price True Mapper® operating features

- The Cost Management System and cross data exchange with Price TruePlanning®

METHODS AND BENEFITS

- Slides and exercise sessions with the **use of** Price **TruePlanning**® and **TrueMapper**® **software**

- A personal **copy** of the **training material** of the **entire course**

- An assessment **test** to **confirm** the **acquired know-how**

- **A certificate** to the Users who have successfully passed the test

EXECUTION MONITORING OF
- **ICT OUTSOURCING CONTRACTS**
- **INNOVATIVE PROJECTS WITH HIGH TECH IMPACT**

INTRODUCTION

The course uses a deep **analysis** of **the training requirements** to **tune** the contents to the User's needs. The **different types** of **projects** with **high tech impact**, or the **unique characteristics** of **different ICT outsourcing contracts**, monitored during their execution, present specific topics which require unique attention. The following topics are some examples provided during the effective training.

SOME RECIPIENTS

PM, Information Systems Analysts, ICT purchasing officers, Developers and Information Systems maintenance specialists, Technical staff and other IT officials.

OBJECTIVE

The blended training mode adopted in the course, **integrates professional content** and **operational approach**. This allows **to develop** the **competence and independence** necessary **for the practical management** of various types of projects or outsourcing contracts.

This ensures a **complete knowledge transfer of methods** and **techniques**, coupled with the **necessary project** and **change management culture.**

METHODS AND BENEFITS

- **Classroom course** + **On the job training**

- A **personal copy** of the training material **of the entire course**.

CONTENTS

Classroom training — examples of topics:

- *Project management*
  - Definition of the IT projects
  - Management of the IT projects
  - Service Levels definition in an outsourcing contract
- *Management of IT systems acquisition*
  - IT contracts definition
  - Acquisition strategies for IT products
- *Software engineering*

On The Job Training — main topics:

- *Design of monitoring processes*
- *Project Management*
- *Product and software process analysis*
- *Software testing*
- *Process and ICT quality service analysis*
- *Customer satisfaction survey*
- *Problems and non-compliances management*

TECHNICAL ENGLISH
STANAG 6001
STANDARD

INTRODUCTION

The course provides an innovative **English language training**, specifically designed to the client's language competences and professional requirements. It provides, among the objectives:

- Training for exams that conform to **STANAG requirements** (NATO Standardization Agreement)

- **Exercises based** on **highly specialized topics**, media aided, from procurement to comparative corporate practices

OBJECTIVE

Al the end of the course the **participants will have**:

- An English Practice Level 3 (Professional) competence by STANAG standards

- Rapidly improved and updated technical-military terminologies and procedures

ENDUSERS

The course is aimed at those **who aspire to be assigned** to **international governmental posts**, **international initiatives** and/or **training** within NATO.

EDUCATIONAL CONTENTS

- The lessons are structured to develop concurrently all the four language skills: **listening, speaking, reading** e **writing**

- The topics are personalized and based on the **analysis** of highly **specialized references**, in order to acquire and exploit the terminology for an immediate and efficent use

- **Current geopolitical** and **national interest themes**

- **Analisys** and **application of the Modern Language Association** (MLA) **standards** for the creation and presentation of written contents

METHODS AND BENEFITS

- **1 to 1** professional **training** or **small topic oriented groups**

- **Classroom course** with **integrated media feeds** and **verification checks**

- **All training material** of the **entire course**

- **Assessment test** to **confirm** the **acquired competence**

- **A certificate** to the **users** who have successfully **passed** the **test**