

## Assessing investment in LPG bulk storage facilities and filling centers in Sub-Saharan Africa

28<sup>th</sup> February – 2<sup>nd</sup> March 2022 - Accra, Ghana

CITAC's interactive workshop will examine the various stages of an investment project. The course will cover live examples of infrastructure projects (storage facilities and bottling plants) with the use of financial models to aid decision making. Delegates will develop an understanding of their risk tolerance and how to apply different techniques. At the end of the training, delegates will receive the main templates in an Excel file.

*This CITAC course is 'hands on' so participants are advised to bring their own laptop.*

**This three-day interactive workshop will cover the following topics:**

### The project

- Life cycle of a project
- Role of financial evaluation in a business case

### General principles of investments' evaluation

- Revenues, costs, margin, capex, risk, WACC

### Main valuation techniques

- NPV
- IRR(M)
- Payback
- Accounting ratios
- Real options analysis
- Scenario modelling

### Discounted Cash Flow

- WACC calculation
- Capex estimates
- Revenue and cost estimates
- Impact of pricing structures
- Working capital estimates
- Impact of inflation
- Sensitivity analysis
- Importance of business assumptions



### Building of financial models

- Worked example: storage terminal
- Worked example: bottling plant

### Implementation phase

- Execution, project close and follow-up

### Who should attend?

- New entrants to the LPG market
- Engineering companies
- Financial analysts
- Credit, risk and treasury managers
- Government energy regulators
- Marketers
- Refiners
- Financial institutions

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### Registration Form

#### Delegate Details

Surname: \_\_\_\_\_ (Mr/Mrs/Ms)  
First Name: \_\_\_\_\_  
Job Title: \_\_\_\_\_  
Company: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
E-mail: \_\_\_\_\_  
Tax ID: \_\_\_\_\_  
Telephone: \_\_\_\_\_ Mobile \_\_\_\_\_

#### Payment Method

##### Pay by Credit or Debit Card

If you wish to make payment via credit or debit card, please tick the option below. We will email a payment link to the email address you have provided above with a corresponding invoice.

##### Pay by Bank Transfer

If you wish to pay via bank transfer, please tick the option below. We will then send an invoice with our full bank details to the email address you have provided above for you to complete.

#### Payment & Cancellation Policy

Delegates must pay 30% of the course fee 30 days before the course commencement date to secure their place. The reservation payment can be made via credit card (personal or company) at no extra cost. The fee to attend a course must be paid in full before the commencement date of the course. Please pay this amount NET OF BANK CHARGES and local taxes. CITAC Africa Ltd. has the right to refuse an attendee entry if the course fee is not paid before the date of the course. Cancellation or transfer requests must be made in writing (email, letter or fax) and reach CITAC 30 days before the course commencement date. A full refund less a £100 administration fee will then be given. Delegates who cancel less than 30 days before the course commencement date, or who do not attend, are liable to pay the full course fee and no refunds will be granted. There will not be any additional charges if a replacement delegate is nominated and the registration meets the above terms. CITAC Africa Ltd. has the right to cancel a training course after acceptance of nominations. In this event any course fees paid will be reimbursed in full and CITAC Africa Ltd.'s liability will be limited to the value of the course fees paid.

#### CITAC Training Courses IMPORTANT COVID-19 information:

##### Cancellation and/or change:

- CITAC monitors international and local developments closely and will communicate with participants regularly.
- CITAC recommends to participants to have full travel insurance in case COVID-19 restrictions force CITAC to cancel. CITAC will not be responsible for travel costs and travel cancellation fees.
- If a participant has to cancel in case of COVID-19 restrictions, CITAC will keep the amount paid by the participant as credit for another course or will refund the amount paid if requested. Please contact : [info@citac.com](mailto:info@citac.com)

##### Requirements for travel to Ghana:

Official information regarding Covid-19 air travel requirements can be found on the [Ghana Civil Aviation](#). On 21 April 2021 the Government of Ghana introduced the mandatory digitisation of all COVID-19 tests for international air travel, with the implementation of the Trusted Travel scheme. [Please check the requirements.](#)

I agree to the payment and cancellation policy. I have read [CITAC privacy policy](#)

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

#### - Registration -

Please return your registration to:

CITAC Africa Ltd.  
WeWork - No 1 Poultry  
London EC2R 8EJ United Kingdom  
Tel: +44 (0) 207 343 0014  
Email: [info@citac.com](mailto:info@citac.com)

Company registered number:  
7964011 (England & Wales)

#### - Course Details -

Venue: Accra, Ghana  
Dates: 28 February - 2 March 2022

Course Consultant:  
**James McCullagh,**  
**[CITAC Executive Director](#)**

Fees:  
**USD \$3,800 per candidate**  
Payable in advance

#### - General Information -

All course materials, refreshments and lunches will be provided. The course is non-residential. Assistance with hotel reservations and visas is available upon request.