



HOW THE ENGINEERING FRATERNITY CAN FACILITATE STANDARDISATION OF GLOBAL ENGINEERING EXPERIENCE

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3/15/2011

subtitle style



Scope of Presentation

- ◆ What is the Engineering Agenda?
- ◆ Is there an Engineering Fraternity?
- ◆ Are there Common Challenges?
- ◆ An African's Perspective?
- ◆ FIDIC Efforts
- ◆ FIDIC Challenges
- ◆ Final Thoughts

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What is the Engineering Agenda?

- ◆ To Jointly Solve World Engineering Problems?
- ◆ To Attract Competent Engineers from Developing to Developed Nations?
- ◆ To Retain Competent Engineers in Developing Countries?
- ◆ To Export Engineering Services from Rapidly Developing to Less Developed Economies?

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Is There An Engineering Fraternity?

- ◆ Challenges of Reconciling Big, Medium & Large Firms
- ◆ Challenges of Reconciling Contractors, Consultants, Clients and Academics?
- ◆ Challenges of Reconciling Continental, National, Regional and Subregional Interests
- ◆ Challenges of Business Versus Profession

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Are there Common Grounds?

- ◆ North America & Europe Are Upgrading Infrastructures
- ◆ Eastern Europe is Re-building?
- ◆ China, India & Brazil Are Growing Rapidly
- ◆ Africa Is Trying to Provide Basic Infrastructures
- ◆ Are There Common Grounds for Cooperation?

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An African's Perspective?

- ◆ Africa Needs to Build Capacity through Training & Work Experience
- ◆ Inadequate Capital & Procurement Practices Have Hindered Capacity Utilisation & Experience Gathering
- ◆ Consequently, the Consulting Industry Has Remained Underdeveloped & Uncompetitive
- ◆ Can One Really Cooperate When Weak & Dependent?

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FIDIC Efforts

- ◆ FIDIC Provides a Platform for World Consulting Engineers to Come Together to Address Issues
- ◆ Reaches Out to Other Engineering Associations to Create the Engineering Fraternity
- ◆ Encourages Best Business Practices – Beginning of Standardisation?
- ◆ Recognises & Supports Special Interest Groups

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FIDIC Challenges

- ◆ Significant Percentage of Stakeholders Not In FIDIC
- ◆ Work Experiencing Sharing Through Joint Ventures and Partnering Not Prevalent
- ◆ Divergent Sectional Interests Still Difficult To Reconcile

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Final Thoughts

- ◆ What Global Engineering Policies Would Reconcile the Divergent Needs of Nations and Regions for Survival & Development?
- ◆ What Global Policies Would Attract & Retain the Right Caliber of Personnel in Engineering?

◆ THANK YOU

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