

# National Newsletter

3rd Edition, June 2012

June & July is Job Shadow Month



*Together, Engineers make it Happen!*

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## From the Chair's Desk

I'm extremely proud to report back to you on FIDIC YPF activities that occurred at the FIDIC Conference that took place in Davos, Switzerland in October. It was a fun filled program that was kicked off on Sunday with a YPF "Meet and Greet" where YPs were welcomed to the conference and informed on the many activities that were planned for them. On Tuesday morning the YPs were honoured by being hosted for breakfast by the entire FIDIC Executive Committee. At this event the YPs were welcome to ask the EC any question on their minds and the need for assistance by FIDIC for international work experience for YPs dominated conversation.

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For the first time this year, the YPF session for the conference was not a parallel session, but an Open Forum on the Tuesday attended by the entire conference delegation. The Open Forum had the following speakers:

1. Andrew Steeves, Canada who spoke about Helping YPs align themselves with their personal strengths (ie. technical vs. Management vs marketing, etc.) to meet their career goals and the company's needs.

2. Manoochehr Azizi, Iran who reported on the results of a YP survey that asked questions regarding what YPs would like to see in a company with respect to developing their skills, and how companies can provide the necessary resources and environment for YP development. What this space for a full report on the results which the FIDIC YPF is working on!

3. Selena Wilson, YPFSC who gave examples of how YPGs around the world are providing valuable development opportunities to YPs outside their companies through training seminars, YP programs at conferences, technical tours, volunteer efforts in the community, mentor ship program, etc. She discussed why these groups are so important for YP development, development of companies, and development of MOs and FIDIC. Provide a brief introduction of the SC, what we offer YPs, and how we can assist/promote the start of YP groups in MOs that currently do not have YPGs.

4. Richard Stump, USA who provided a YP perspective on Business Integrity. He also provided an update on the FIDIC pilot program of the Business Integrity Management System (BIMS), gain a perspective on what YPs think of business integrity and how learning BI skills it is a direct importance to the future development of companies.

5. Mr. Imai, Japan presented a YP development case study in Japan

The Open Forum was a HUGE success and the speakers were bombarded for more details by delegates after the forum.

On the Tuesday evening the YPS were taken on a tour of the Davos Avalanche Institute, where various instruments and experiments were demystified and impressive video footage of avalanches gave the YPs a new respect for the power of nature.

For more articles on the above events, watch out for the next FIDIC YPF Newsletter that will be reporting back on the conference, including photos and a personal account of the FIDIC Young management Training program by our own Melanie Kemp Hofmeyer!

To receive all our future mails and invitations,

**Join CESA YPF:** <http://www.cesa.co.za/node/105>

Kind regards

Dr Michele Kruger (CSV Water)

YPF National Chair

# What's Up in 2012?

Date	Event
19 <sup>th</sup> April	KZN Presidential Visit
30 <sup>th</sup> April to 2 <sup>nd</sup> May	GAMA (FIDIC) in Livingstone, Zambia
15 <sup>th</sup> May	Free State Presidential Visit
16 <sup>th</sup> May	Northern Cape Presidential Visit
6 <sup>th</sup> June	Gauteng South Presidential Visit
21 <sup>st</sup> June	North West Presidential Visit
18 <sup>th</sup> July	Limpopo Presidential Visit
19 <sup>th</sup> July	Mpumalanga Presidential Visit
15 <sup>th</sup> August	CESA Aon Engineering Excellence Awards
1 <sup>st</sup> September	CESA Relay Hosted by SSI Engineering
9 <sup>th</sup> to 12 <sup>th</sup> September	FIDIC Conference, Seoul, Korea
8 <sup>th</sup> October	Presidential Golf Day
4 <sup>th</sup> to 6 <sup>th</sup> November	CESA Conference, ICC Durban

## Gauteng North:

Alexander Forbes financial seminars  
A professional registration seminar  
Adventure Day

## Gauteng South:

Stationery drive  
Gibb Meet and Greet  
YPF GPS / Engenius: YPs mentoring school learners and promoting engineering training  
Disadvantaged school Library initiative  
Goba Showcase  
PDNA Showcase

## Limpopo:

Meet & Greet Kick start Sundowner  
Committee meeting  
Medupi Power Station Site Visit  
Indoor action sports tournament

## Western Cape:

Quiz night  
Volleyball tournament  
A safe working practices seminar (Health & Safety)  
1ST WC CESA Relay to be held in April 2012

## Northern Cape:

Road to Registration Workshop  
Educational school tours

## Free State:

Engenius Workshop  
Educational school tours  
CESA Presidential visits

## KwaZulu Natal:

Young Buddy Programme to link students at tertiary institutions (UKZN and DUT) to YP's in industry.  
1ST KZN CESA Walk/Run/Cycle on May 2012.  
Youth in Construction career expo KZN  
YPF will host seminar on Essential Skills for YP's

## All Regions

### Presidential Visits:

19 March: George  
20 & 21 March: Cape Town  
19 & 20 April: KZN  
15 May: Free State  
16 & 17 May: Northern Cape  
6 June: Gauteng South & North  
21 & 22 June: North West  
18 July: Limpopo  
19 & 20 July: Mpumalanga  
CESA/YPF Job Shadow Initiative: June - July

*"Praise does wonders for our sense of hearing."* ARNOLD H. GLASOW

# Know Your Committee

As an introduction to the some of the leaders behind the CESA YPF, we have included a profile on the Executive committee and all the Branch Chairs of the different regions. If you have any queries or possibly want to get more involved with YPF, please feel free to contact any of these Young Professionals.

## YPF Executive Committee



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**Mrs. Melanie Kemp Hofmeyr**  
Member  
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# Know Your Committee

## YPF National Committee



Dr. Michele Kruger completed her Bachelors, Master's and Doctorate Degrees in Civil Engineering at the University of Johannesburg in South Africa. Both her Master and Doctorate degrees focused on aspects of Municipal Water Treatment.

After her Post Graduate studies Michele worked at various Companies where her exposure ranged from Sewer masterplanning, Hydrology and Mining. She now specializes in Water and Waste Water Treatment. She is currently an Associate Director at CSVwater where she is in charge of various Water and Waste Water Treatment projects.

Michele won the Best Paper by a Young South African in the field of Water Science and Technology awarded by the UK Federation for Water Research, presented at the WISA biennial conference, Cape Town 2004.

In 2007 she won the title of "Young Engineer of the Year" awarded by Consulting Engineers South Africa (CESA) and in the same year she was recognized by the Women in Civil Engineering Award at the "Building Women Gala Dinner & Awards" held at Emperors Palace on the 1st of November 2007, sponsored by Building Women Magazine, ABSA and the Department of Public Works.

Michele also serves on a voluntary basis as Chairperson of the Consulting Engineers South Africa Young Professionals Forum (YPF).

In addition to this she is also serving as Chairperson of the FIDIC's (International Federation of Consulting Engineers) International YPF which represents Young Engineering Professionals from around the globe.

Michele is also serving on the Engineering Council of South Africa Engenius Committee whose main purpose is to motivate learners to select Engineering as their career of choice.

More recently Michele has joined the South African Water Research Commission's Reference Group On Integrated Water Sector Skills Intervention Map Based On A Sector Skills Gap Analysis.

**Dr. Michele Kruger**  
National Chairperson

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**Mr. Likhaya Nkonki**  
National Vice-Chairperson

Likhaya is a registered Professional Engineering Technologist with a BTechEng. (Electrical) from the former Port Elizabeth Technikon. Likhaya also has a Master's degree in Business Administration (MBA) and is currently the Partner leading the Electrical Division at Carifro Consulting Engineers - East London.

He is involved in the Design and Construction Management of Electrical Engineering Infrastructure Projects.

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*"It is a law of life that problems arise when conditions are there for their solution."*

WALTER SISULU

# Know Your Committee

## YPF National Committee



Describing Melanie is a difficult task as her personality and enthusiasm for Engineering, the industry and the people in it, is something you need to experience. The things that make her excited about our industry is that we have so many opportunities to make a difference to many people's lives. From putting infrastructure to assisting in communication & travel, to ensuring the proper processes are put in place for waste water treatment thus ensuring healthy living conditions for the country.

Outside of her normal day job as a Pavement Engineer at SNA Civil and Structural Engineers Pty Ltd, she is currently involved not only with the YPF National Committee, but also in many other activities:

- As past chair of the Western Cape YPF she still part of the local committee
- She is currently the Branch Chair of the CESA Western Cape Branch
- She is a recent alumnus of the FIDIC YPMTP, this experience confirming to her that YP's in South Africa has similar problems to YP's all over the world, and the experience motivating investment in the future of the industry.
- She assist in B Tech classes at Cape Peninsula University of Technology (CPUT) a way of giving back to the industry and investing in its future.
- Other community projects.

According to Melanie, all the above is only possible as she has excellent support from peers and mentors of our industry and her family. Special thanks go to Western Cape YPF & Branch-committee, for being excellent teams. Each member of the these Committees in some way share the passion for the industry and their peers, this motivating opportunity for learning and sharing information, by workshops, liason, site visits and social events assisting to create network opportunities.

Melanie hopes that the current YP's in Consulting Engineering will be motivated by some simple words:

"I expect to pass through life but once. If therefore, there be any kindness I can show, or any good thing I can do to any fellow being, let me do it now, and not defer or neglect it, as I shall

**Mrs. Melanie Kemp Hofmeyr**  
Executive Member

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**Ms. Kieren Brown**  
Treasurer

Kieren is the previous Chairperson of CESA YPF

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*"Everyone's life is under someone's control - it might as well be under yours so tht you can direct your destiny."*

HARRY TUCKER

# Know Your Committee

## YPF National Committee



**Mr. Litha Gatyeni**

Eastern Cape - Border/Kei Chairperson

Litha is a registered Professional Engineering Technologist with a BTechEng. (Electrical) from the former Port Elizabeth Technikon. Litha also holds a Master's degree in Business Administration (MBA) and is currently a Director at CMB Consulting Engineers (Pty) Ltd.

He is involved in the Project and Construction Management of Electrical Engineering Infrastructure Projects.

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I obtained my NDip (Civil) in 2009 at the NMMU & I'm currently doing my final year of BTech in Urban Engineering with UNISA. Currently I am employed by Goba (Pty) Ltd in their PE office as a Candidate Civil Engineering Technician.

As a young professional, my biggest inspiration are the brilliant and passionate people around me; they inspire me and provide enormous encouragement. Being involved in the CESA YPF has helped me grow as an individual and has also enabled me to contribute towards making a difference in the industry by finding ways to help other young professionals grow and develop their careers.

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I graduated with a BSc Eng.(Civil) from Wits university in 2009 and currently work for WSP Civil and Structural Engineers, Bloemfontein.

I am inspired by people from all walks of life who have made the decision to rise above their challenges and circumstances to achieve their dreams, no matter how big or how small they may appear to somebody else. I am humbled by the opportunity to be part of the CESA YPF.

I enjoy reading, cooking and having fun outdoors.

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I graduated with a BSc Eng. (Civil) at UCT. Currently I'm employed by Bigen Africa in Pretoria and specialise in the Provision of Infrastructure for Township Developments.

What gets me up and out of bed each morning are the limitless opportunities each day presents to contribute towards creating a world that matches the dreams of all the people who live in it through the work that I do as an Engineer. My work for CESA YPF is an extension of this which allows me to spread my enthusiasm for Engineering to my colleagues in the field.

I read a lot on various subjects and I also enjoy watching sports and being around people with ideas and opinions on the world.

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**Mr. Tafadzwa Mukwena**

Gauteng North - Chairperson

*"After Climbing a great hill, one only finds that there are many more hills to climb."*

NELSON MANDELA

# Know Your Committee

## YPF National Committee



I am an Associate at UWP Consulting (Pty) Ltd. I completed my BSc. Eng (Civil) degree at the University of Cape Town in 2002, where after I joined UWP Consulting, who I have been with ever since.

I am passionate about the development of the youth of this country, particularly those coming from disadvantaged backgrounds. As I am not a politician (or a policy maker of any sort), but an Engineer, my options are limited. However, by being part of an organisation such as the YPF, I can go into schools and help learners identify career opportunities that exist out there, as well as provide them with platforms to make their dreams a reality.

Get inspired and grab the next kid you see and give them a tool, a skill, some advice and most of all some inspiration!!

**Mr. Qaqambile Ngumbela**  
Gauteng South - Chairperson

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I graduated with a BSc. Eng (Civil) from the University of Kwazulu-Natal (UKZN) in 2007 and I am currently studying toward a Master of Science in Engineering.

I have been part of the YPF in KZN since 2007; an experience that has really been life changing. I have had the opportunity of engaging with the most inspirational people, leaders and custodians of the industry. My involvement with the YPF has enlarged my network of friends and colleagues and exposed me to the phenomenally talented young professionals within the Consulting sector.

I am a music lover and budding culinary expert....self professed of course!

**Ms. Jeshika Ramchund-Moonsamy**  
KwaZulu Natal—Chairperson

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Francois is a registered Professional Engineer with a BEng.(Civil) from University of Pretoria. He currently employed by Nyeleti Consulting (Pty) Ltd.

He is involved in the Project & Construction Management of Roads and Transport Projects.

**Mr. Francois Lewis**  
Limpopo —Chairperson

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No photo available

Wilco Strydom is employed by Endecon Ubuntu (Pty) Ltd

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*“The greatest discovery of any generation is that a human being can alter his life by altering his attitude.” WILLIAM JAMES*



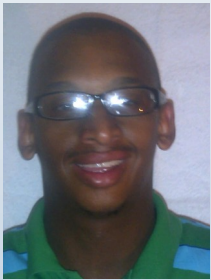
# Know Your Committee

## YPF National Committee

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Mulalo Munyangane is employed by MDCC (Pty) Ltd

**Mr. Mulalo Munyangane**  
North West - Chairperson



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Vincent Seane is a Civil Engineering Technician at WorleyParsons RSA.

Contributing towards providing basic sustainable services that are a necessity in disadvantaged communities inspires me.

The challenge that I want to see being addressed by the NC branch is to become a branch that is proactive in encouraging school pupils to join the Engineering industry, by giving them informative guidance and interactive opportunities with other Young Professionals.

**Mr. Vincent Seane**  
Northern Cape - Kimberley Chairperson



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I graduated with a BSc Eng (Civil) from the University of Cape Town in 2008.

I am currently employed by Prestedge Retief Dresner Wijnberg (Pty) Ltd, a Ports and Coastal Engineering company, designing Marine structures. I enjoy the challenges associated with such a dynamic field of Engineering.

**Mr. Duncan Pascoe**  
Western Cape - Cape Town Chairperson

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# Border/Kei Chapter

## Financial Planning Workshop

The Border Kei Region hosted Chris Andrews, a Financial Advisor from Sanlam on the 12 March 2012. Chris gave a talk on financial planning for young people and small businesses. The talk was very informative and all the YPs that attended were very pleased with the talk.



Unfortunately the attendance was poor from the branch YPs. The branch is continuously advertising to all companies for upcoming events to try and improve in the attendance. Buy in & encouragement from the various Principals is key.

## Future Events

Future events of the branch include site visit to the New University of Fort Hare building. The historically renowned University of Fort Hare, Southern Africa's oldest historically black university, with alumni that include Nelson Mandela, Oliver Tambo and Chris Hani, has in recent times focused on developing its East London campus in order to meet a much needed demand for higher education in the city. Its new building project is clearly a 21st century initiative, with a focus on "green" building design and sustainability [sic].

Water is collected from the roofs & stored in large tanks at ground floor level. This water is then used to irrigate the vertical garden to the passages on the south side of the building. It is also used to supply the toilet cisterns and urinals throughout the building.

We feel that Young Professionals will be able to learn & appreciate the Engineering brilliance applied on this design.

# Port Elizabeth Chapter

## Women in Engineering Workshop

CESA YPF-PE hosted a workshop "Women in Engineering".

The workshop focused on raising awareness on challenges women face within the industry and how all can play a role in mitigating these.

About 26 young professionals and interested people within the industry, both male and female attended the workshop.

Guest speaker, Mrs. Belinda van der Wat (Iliso Consulting Professional Engineer, member of SAICE and an Eastern Cape Committee Member of SARF) gave insight on the different types of challenges women face and also shared some of her experiences with us.

A discussion on how to address the identified challenges raised interesting solutions.



## CESA YPF 2012 Introduction

In a nutshell, this event was meant to give an insight to the Young Professionals in PE of what YPF is about, how they can get involved and how YPF can help them in their career as Young Engineers. YP's were also given a chance to ask any questions they had about CESA and YPF and also to suggest what they would like to see YPF doing this year. This event took place on the 8th March 2012 at Aurecon offices in Port Elizabeth and was attended by 25 YP's. After the event YP's had a chance to socialize over eats and drinks.

## Professional Registration Seminar

This event took place on the 3rd of May 2012, and was attended by 31 YP's. The seminar was presented by three people viz. Mr Jones from Goba who is a Professional Engineer, a Director and a member of the ECSA Professional Advisory Committee (PAC), Mr Thesele Mokoma, who has just recently obtained his registration as a Professional Engineer and Gerald Smith, who presented his personal insights on his journey to registration as a Professional Engineering Technologist.

Continued on next page...

# Port Elizabeth Chapter Continued

Mr Jones who also won the CESA Mentor of the year Award in 2010, gave an informative presentation on key steps for candidates to get registered with ECSA. This year's seminar was a bit different from last year's, as this year we invited a Professional Engineer and a Professional Technologist, to tell us more about their personal experiences that they went through during the registration process. All the speakers topics complemented each other, as they provided a different perspective of the road to registration.

## Future Events

The YPF PE branch is planning on having the soccer event sometime in July and this will be followed by the following proposed events;

1. Frequently Asked Questions (FAQ) about careers in Engineering, this will take place at NMMU and will include all Engineering students.
2. Site Visit to one of the big Construction sites in PE
3. YPF closing Function

\* Dates of the above events are still to be finalized.

# Free State Chapter

## School Outreach Program

We teamed-up with the provincial branch of SAICE YMP to undertake a schools outreach program aimed to inform, motivate and inspire high school learners to consider a career as Engineers.

To start this initiative we held an Engenius workshop on the 19<sup>th</sup> April that was facilitated by Liesel Kirsten from ECSA. We had a positive turnout of 30 people on the day and five (5) more people have joined the committee.

We have identified and communicated with a number of schools and we aim to run this campaign throughout the winter season.

## Pictures from School Visits



## Future Events

1. A pizza night on the 29<sup>th</sup> June 2012, to network and discuss the challenges and opportunities unique to the Free State environment and feedback on the experience of the first half of the Engenius Schools outreach .
2. A sports social to be held mid-October.

\* Date for the sport social event is still to be finalized.



# Gauteng North Chapter

## Professional Registration Seminar

Arup Johannesburg hosted YPs for their Professional Registration Seminar.



An introductory presentation on the energy needs of SA was presented by Arup Director, Mr. Poya Rasekhi (Left).

Keynote speaker Mr. du Toit Grobler educated over 50 YPs attending the event on the procedure, processes and requirements of how to become a registered

professional.

The Gauteng North committee would like to thank Arup Johannesburg for sponsoring and hosting this successful event.



To our Speakers, Poya and du Toit, thank you very much for availing your time to interact and share valuable information with the YPs.

**Left:** du Toit Grobler (ECSA / Sappi)

Thank you to the Arup events co-ordination team; Ms. Moliehi Mahabane, Ms. Charlotte Middleton and Mr. Jetame Poonan for a wonderful and warm evening.

Special thanks to Our YPs Dumisani Mzwanga (Arup) and Kgabiso Sephai (Arup) for facilitating the event and linking us with the Arup events co-ordination team. Your helping hands are truly appreciated.



## Future Events

1. Presentation on Gauteng Freeway Improvement Project and E-tolling by Mr. Ismail Essa (Manager Northern Region: SANRAL)
2. Career Paths for Young Consultants by Mr. Francois Swart (Former CEO, Bigen Africa)

\* Dates of the above events are still to be finalized.

# Gauteng South Chapter

## SSI KNOWLEDGE FAIR

Young SSI in collaboration with YPF Gauteng South held a Knowledge Fair at SSI's Head Office in Woodmead, Johannesburg.

The following flagship projects were presented to the attending YPs:

### The Blackburn Pedestrian Bridge – Presented by Jonah Ptak (Transport Engineer)

The Blackburn Pedestrian Bridge is Kwa-Zulu Natal's new landmark structure. With close to 3 km of walkway included, the 177.5 m long and 60 m tall cable stay bridge, the project is one of



SANRAL's community development projects intended to provide more than just a safe passage to work opportunities but also upliftment of the community through development of human capital.

The presentation covered the technical challenges, their solutions and the unique approach to community involvement that culminated in successful, on budget completion of one of the longest cable stay pedestrian bridges in Africa.

### Ingula Pumped Storage Scheme – Presented by Ramolin Naidoo (Water Engineer)

Bedford Dam is a 49m high concrete faced rockfill dam (CFRD) with an 810m crest length forming the upper reservoir of the Ingula Pumped Storage Scheme.



The dam is part of the 1332 MW Ingula Pumped Storage Scheme, to be commissioned in 2014, which will go a long way to reducing load shedding in South Africa whilst enhancing economic growth. State of the art Computation Fluid Dynamic techniques were used for modelling the dam outlet to ensure that a sensitive wetland downstream of the dam is protected.



# KwaZulu Natal Chapter

## University of Kwazulu-Natal Engineering Orientation

YPF KZN was invited to address the first year engineering students at UKZN during the Orientation week. The focus of the address was on Engineering as a career of choice and the opportunities that awaited graduates in their respective fields of Engineering.

As expected the young students were enthusiastic and keen to embrace the many years of hard work that awaited them. YPF can look forward to many new members in the coming years.

### YPF KZN Meet and Greet with CESA National

A Meet and Greet was arranged between CESA National and YPF KZN on the morning of the CESA Presidential Visit (2011).



From left: CESA KZN Branch Chair Collin Raman, Ashley Sewmungal, Naomi Naidoo, CESA CEO Graham Pierie, Jeshika Ramchand, CESA President Zulch Lotter, Amanda Masondo, Shian Saroop

In an informal discussion, the YPF was able to share their vision and direction for their term and to discuss the role of young professionals in the industry and the expectations of CESA for the YPF.

YPF KZN would like to thank Collin Raman for facilitating the Meet and Greet and Goba Consulting Engineers for the use of their offices in Durban.

### CESA KZN Consultants Relay

CESA KZN and YPF KZN hosted the 1<sup>st</sup> Annual CESA KZN Consultants Relay at Shongweni Polo Club on Saturday, 12 May 2012. There were 12 Consultants in attendance. There were 350 participants in the categories of walking, running, cycling, volleyball and tug-o-war including supporters, the event hosted approximately 500 people.

### Future Events

YPF KZN will be hosting a seminar on Essential Skills for YP's at the offices of PDNA in Overport, Durban (date to be finalised). The YPF will provide feedback to YP's from the YPF Breakfast with the CESA CEO and President. The guest speaker is Nyami Mandindi, CEO of SSI Engineers.

# Limpopo Chapter

## Medupi Power Station Site Visit

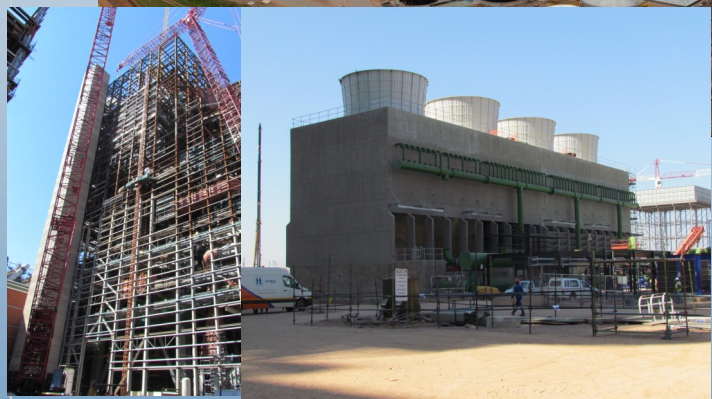
The CESA Limpopo YPF visited the Medupi site on the 25<sup>th</sup> May 2012, and approx. 20 people took part on the undertaking. It was exciting trip that was planned in a very short space of time.

Medupi is a greenfield coal fired power plant project, comprising of six units with a gross nominal capacity of 800MW each, resulting in a total capacity of 4800MW.

Construction activities commenced in 2007. The power station will be the fourth largest coal plant in the world, and will be the biggest dry-cooled power station in the world. The Medupi boiler house will stand approximately 130m high.



The CESA Limpopo YPF witnessed the working together of all the Engineering fields (*Civil, Structural, Chemical, Mechanical, Electrical Engineers etc.*)



The CESA Limpopo YPF want to thank the following sponsors; CESA, Nyeleti Consulting, EVN Africa, Endecon, Aurecon and VelaVKE for making the trip successful with financial support. CESA Limpopo YPF would also like to thank the efforts of its members in making the education trip successful especially the Nyeleti Consulting site team for welcoming and hosting the CESA Limpopo YPF members on site.

### Other Events

The Branch had a successful members meeting on the 8<sup>th</sup> March 2012.

Continued on next page...

# Limpopo Chapter Continued

## Roads & Bridges site visit



## Future Events

Road to Pr Registration Workshop, date to be confirmed. Event sponsored by EVN Africa.

# Northern Cape Chapter

## ECSA Road to Registration

The Northern Nape held its ECSA Road to Registration on the 15<sup>th</sup> of March 2012. There were 31 people attended the Workshop, 25 were YP's and 7 were Senior Engineers. This event gave the committee a clear estimate of how many potential YP's are within the Kimberley Region. At this stage it is clear that majority of the YP's will come from organisations outside CESA such as Eskom and Transnet. The committee is also trying to reach out to Government Departments. The committee has also decided to make this event an annual event in order to accommodate YP's who are currently involved with registration and those who are new.

## General Meeting

The committee had its General Meeting on the 15<sup>th</sup> May 2012. This event was attended by seven YP's. From this the committee can almost deduce that YP's don't like attending these type of meetings, but would rather come to events where they can benefit. Those who attended were encouraged to mobilise YP's within their respective firm, and were encouraged to attend meeting as the meetings are a platform where YP's can discuss issues YP's have and also to find out what would they like to see the YPF do for them.

## Presidential Visit

CESA Northern Cape had the Honor to host CESA President, Naren Bhojaram, and CEO Graham Pierre during the Presidential Visit on the 16 of May 2012. The YPF was involved in the planning for the day. The evening event was well attended by YP's and the perception the committee wanted to remove from YP's, is that the Presidential Visit is for Senior Engineers only, which is not true, but rather for all affiliated with CESA.

## Future Events

### Fun Day in July

The committee is currently planning to host a fun day for YP's. All preparations should be finalised by the 15<sup>th</sup> of June, afterwhich invites will be sent out for the event. This is in line with the commitment of the committee to mobilise YP's in the Province. This event will be the last event of this year.

### Job Shadow

WorleyParsons and Aurecon will be involved in the Job Shadow initiative. Each firm will run their respective programs due to this being a competition.

## News

### New Branch Chair

The committee would like to welcome Gershan Roodie as the New Branch Chair and pledges its supports throughout his tenure as Branch Chair.

# Western Cape Chapter

## University of Cape Town Professional Registration Seminar

YPF WC hosted their annual Professional Registration workshop for candidates on 19 September at the University of Cape Town. The workshop was presented in two parallel sessions, accommodating Engineers in one session and Engineering Technicians and Technologists in the other. Johan Pienaar from ECSA addressed both groups about the application process and explained how the registration process works. He also highlighted the differences in the registration process between the different disciplines of engineering, eg. electrical, mechanical, civil etc.

The groups were addressed by two of the Western Cape reviewers, Mr Faried Allie (Pr. Tech Eng Reviewer) and Mr Tony Murray (Pr. Eng Reviewer). They explained what they looked for when reviewing a candidate's application for registration. Mr Murray also talked about the interview that Pr. Eng candidates must go through in order to register and the essays that they have to write. Both speakers brought across the message that candidates should have no reason to fear the process of registration.

Each group was also addressed by a recently successfully registered candidate who shared their personal experience during the process. Their message was clear: "Don't hesitate, get it done, it's worth it and it's nothing to be scared of at all."

This informative and encouraging evening came to a close with refreshments.

### YPF Kick off Beach Volleyball event, sponsored by the CESA WC Branch Committee

The event was held at the Camps Bay beach on the 9th February 2012 and was attended by ±120 young and senior professionals. The branch committee sponsored a catered lunch for the winning team, as well as gift vouchers for the players.

A floating trophy was bought, and is to be given to the winning team at this event annually. The team that won was Iliso Consulting Engineers.

### Legal Liability Seminar, hosted by Safe Working Practice

Riaan de Villiers from RiskCom, an OHS training company, presented the OHS Act. He covered the legal and legislative requirements of the Act, aiming at giving the attendees a basic understanding of the act and OHS requirements.

# Western Cape Chapter Continued

The workshop was held on the 8th May 2012 at the offices of SSI in Platteklouf, and was attended by ±50 YP's. Twenty of those were from the Young Contractor's Forum (YCF) with whom the YPF WC is developing a symbiotic relationship.

## YPF WC initiatives for 2012

### *Mandated Young Principals (MYP)*

The committee has sent out a request to all WC based Consulting firms to nominate a Mandated Young Principal, who will represent the interests of YP's in their firm and serve as the liaison between the firms and the YPF committee. MYP's have been and will continue to be nominated by Mandated Principals in each firm, and will be supported by MP's in order to offer a bit more "clout" to the position.

### Discussion Forum

The YPF WC committee has noted that many of the "Golden Thread" issues, defined through a series of discussion forums in 2006, may no longer be as relevant as they have been in the past. As such we are undertaking an initiative to redefine these issues for YP's in the Western Cape through a series of surveys and discussion forums. These will be driven by the YPF committee through the MYP's of each firm, with the final results being presented to MP's. These will then drive future YPF initiatives/ workshops in order to ensure the most relevant and current issues of YP's are being addressed.

### Future Events

1. Action soccer (June 2012)
2. Financial Planning (July 2012)
3. ECSA registration (October 2012)
4. Touch rugby (September 2012 - this will be a dual event organised by the YCF)
5. Quiz night (October 2012)





# CESA National Job Shadow Initiative and Poster Competition

1 JUNE – 27 JULY 2012

## Attracting South Africa's Future Engineers...

The goal of the CESA YPF Job Shadowing Initiative is to expose and entice High School learners to the engineering field but more so to the Consulting Engineering career.

An experience like no other: *"Today I learned everything that I wished to know. I got the experience of how the engineering world is. I think the world of engineering needs me. I am going for it"* explained Manelisi Ngxumza.

For more information visit [www.cesa.co.za](http://www.cesa.co.za)  
or email: [godfreyr@cesa.co.za](mailto:godfreyr@cesa.co.za) or call 011 463 2022



### HOW TO ENTER?

1. Fill in the pre-entry form and send it to the CESA offices no later than Friday, 25 May 2012. This will show your commitment to participate in the competition.
  2. Firms are welcome to send single entry by firm or multiple entries by offices.
  3. Member firms must choose a school(s) from their local community.
  4. Invite pupils from the chosen school/s to spend any day with your firm during the Job Shadowing period – 1 June till 27 July 2012.
  5. The idea is to create "A day in the life of a Consulting Engineer" experience for the scholars/learners with the morning(s) at the office and the afternoon(s) on site.
  6. Then create a maximum A2 poster(s) (hard copy preferable) telling the story of the day with pictures (showing scholars actively participating).
  7. Write up a summary (approx. 1 A4 page) explaining the activities of the day.
  8. All submissions must be sent to Godfrey Ramalisa ([godfreyr@cesa.co.za](mailto:godfreyr@cesa.co.za)) no later than Friday, 3 August 2012. In addition to your poster, please also send in 4 of your best photos (JPEG format of 300dpi and 1MB or bigger in size) so that CESA could use this for its publications.
  9. **BENEFITS:** Winners will be announced at the CESA Aon Engineering Excellence Awards on Wednesday, 15th August 2012 at the Vodadome, Vodaworld, Midrand.
2. Firm's commitment to the Initiative. (Involvement of YPs and Senior Management; number of offices involved; number of learners exposed and continued engagement with learners)
  3. Quality and branding of submission – Poster and write-up.

NB: For easy use pictures/poster and adjudication, submission should be made as follows:

- Electronic posters must be sent in PDF format 300 dpi resolution and must be over 1MB in size.
- The brief must be no more than 300 words (maximum 1 A4 page).

To enter into this competition and to show your commitment, the pre-entry form/s must be filled in sent to Godfrey Ramalisa ([godfreyr@cesa.co.za](mailto:godfreyr@cesa.co.za)) by no later than Friday, 25 May 2012.

Members are encouraged to invite their YP's who were involved with the Job Shadowing to attend the CESA Aon Engineering Excellence Awards.

### PRIZES

Consulting Engineers South Africa (CESA) will be awarding the following prizes to the winning firms:

#### WINNER:

- 2 seats (for YP's only) at the CESA 2012 Conference (4-6 November 2012, ICC Durban) and
- 2 free admissions (for YP's only) to the 'Road to Registration for Candidates' course at the School of Consulting Engineering.

#### RUNNERS UP (x2 prizes) :

- 1 seat per runner up (for YP's only) at the CESA 2011 Conference (2-4 October 2011, ICC Durban) and
- 1 free admission per runner up to the 'Road to Registration for Candidates' course run by the School of Consulting Engineering.

### CRITERIA

The winners will be based on the following selection criteria:

1. Effectiveness of the Job Shadowing in response to the THEME - A day in the life of a Consulting Engineer. (relevance, appropriateness, effectiveness and innovation of office and site visits)



**IMPORTANT** All Prizes MUST be claimed by Young Professionals only. Only the registration fees are paid for - Travel and accommodation for the YP's will have to be managed and arranged by the winning company. All details of the YP's attending the Conference must be sent to Kuvashnee Govender ([kuvashnee@cesa.co.za](mailto:kuvashnee@cesa.co.za)) by no later than Friday, 5th October 2012. CESA reserves the right to use the material submitted as and when necessary.





## ***CESA National Job Shadow Initiative and Poster Competition***

**1 JUNE – 27 JULY 2012**

### ***Pre-Entry Form***

**In order to participate in this competition, this pre-entry form has to reach the CESA Offices no later than 25 May 2012. Please complete the required details below and either fax (011 463 7383) or email (godfreyr@cesa.co.za) to Godfrey Ramalisa.**

Name of Member Firm Office: \_\_\_\_\_

Branch Name of Member Firm: \_\_\_\_\_

Name of School/s Participating in JSM: a) \_\_\_\_\_  
b) \_\_\_\_\_  
c) \_\_\_\_\_

Full Name and Job Title of Person in Charge of JSM: \_\_\_\_\_

*Name/s of Young Professional/s (YP) to be involved with the JSM Programme for your firm*

Full Name of YP: \_\_\_\_\_

Email Address of YP: \_\_\_\_\_

*Contact Details for Person in Charge of JSM*

Office Tel: ( ) \_\_\_\_\_ Direct Tel: ( ) \_\_\_\_\_

Email: \_\_\_\_\_ Alternate Contact Person: \_\_\_\_\_

I hereby grant permission to my firm, \_\_\_\_\_ (fill in firm name in the space provided) to participate in the CESA National Job Shadow Month during the month of July.

Full Name: \_\_\_\_\_

Designation: \_\_\_\_\_

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



## Young Professionals in Action

# WiEBE Summit and Awards Function



**Above:** Hleziphi Mtshizana (Arup), Winner of Most Promising Young Engineer/Professional Level Category



**Above:** Henriette Louw (BKS), Promising Young Engineer/Professional Level Category Finalist



**Above:** Dr. Megan Russell (Post - Doctoral Research Fellow Electrical Engineering), Promising Young Engineer/Professional Level Category Finalist



**Above:** Traci Reddy (BKS), Promising Young Engineer/Professional Level Category Finalist

On Friday, 26 August 2011 the University of Johannesburg and Group Five announced the winners of the Women in Engineering and the Built Environment (WEiBE) 2011 National competition for excellent women in Engineering and Technology at The Venue in Melrose Arch.

The competition serves to acknowledge, recognize and celebrate women making a difference in the engineering and the built environment in South Africa.

Congratulations to Hleziphi Mtshizana, a Project Manager at Arup who won the Most Promising Young Engineer/Professional Level Category. Click here to [read more](#) about Hlezi.

Other finalists in this category were Henriette Louw (BKS), Dr. Megan Russell (Post- doctoral Research Fellow Electrical Engineering) and Traci Reddy (Researcher and PhD candidate).

Picture credit:: WEiBE

Please forward your action moments and memories to [tshidiletso@gmail.com](mailto:tshidiletso@gmail.com) to be featured in the CESA YPF National and Regional Newsletters.

## Fun Events to Attend in 2012

Summer Concerts in the Park, Absa Premiership 2012, Running Marathons 2012, MTB Races 2012, 1 Day Cup Domestic Series Cricket 2012, MTN 40 2012 Series Cricket, International Cricket 2012, SuperSport 4 Day Series Cricket 2012, Sting SA Tour, Domestic T20 Cricket Series 2012, International Rugby 2012

The YPF National Newsletter is published by Consulting Engineers South Africa (CESA) Young Professionals Forum (YPF), a non profit organization sponsored by various organizations to uplift the built environment industry by promoting engineering as the preferred career choice, generate new ideas, identify possible problems which the industry may face, provide networking opportunities for Young Professionals and train and develop Young Professionals.

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THE MONTH OF JUNE & JULY IS JOB SHADOW MONTH—LET  
US ALL PARTICIPATE IN ENSURING A BETTER SOUTH AFRICA  
FOR ALL



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