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**GAUTENG SOUTH**

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Celebrating 60 years of Engineering  
Excellence



*ON SHAKY GROUND*

Social media plays an integral part of our daily lives and here in South Africa our feeds have not been void of content. If it is not the sequestration of Julius Malema it's President Jacob Zuma they always seem to find themselves on shaky ground when it comes to the law. The president has been at constant loggerheads with everyone, but lately he has found himself constantly entangled in the horns of the fearless and frustratingly calm Public Protector, Adv. Thuli Madonsela. Her and females such as RHDHV South Africa CEO Nyami Mandindi, Allyson Lawless and Michele Kruger, to name a few, are relentless at sustaining the dignity of their professions.



It was therefore a bit startling when issues raised by YP's at this year's Sustainability Imbizo (*read about it on pg's 7&8*) did not include a discussion over the fair remuneration of females in the Consulting Engineering Sector. This issue is by no means unique to our sector though, women in all sectors are grossly underpaid compared to their male counterparts. Other issues raised at the Imbizo related to ECSA registration and mentoring amongst other things. Mentoring should play a huge role in our profession if we endeavor to sustain it and it is for this reason that CESA and its member firms go all out in the annual Job Shadow initiative and Mentoring company of the year awards with those with really solid mentorship vying for the 'Young Engineer of the Year Award' at the prestigious CESA Awards gala dinner. This year was no different, but after years of male winners of this award, it took Makotsene from HHO to shake things up. Females are shaking things up like the earthquake that shook Orkney in the North West, earlier on this month and sent tremors across Johannesburg with some reports even suggesting tremors being felt as far as Durban.

This tremor sent the social feeds into a frenzy with a barrage of hilarious memes, but it also resulted in eyes being cast on the quality of the work conducted by engineers. Though it was the strongest quake in South Africa since 1968, it was the 4.5 magnitude quake that followed it a few weeks later that got structural engineers convening conferences, probably asking the question on whether it is time to start incorporating some level of seismic activity allowance into our everyday design and also emphasizing the need for stricter regulation surrounding even housing renovations. We do not, after all, want the Meyersdal housing collapse (that left 7 dead) and other such disasters to plague our industry.

Contrary to what some may believe, Engineers are not all conference and numbers, at times we do run, walk and cycle too. And there is no better place to do this than at the annual CESA relay, and a fitting time to kick start your fitness for summer. With the 1<sup>st</sup> of September fast approaching, a day traditionally known as 'Spring Day' in South Africa, we hope that our Social Networking timelines are filled with less tragedies from the continuous killings in Marikana and Gaza or dreaded diseases such as Ebola. We hope that spring brings with it, peace, fulfilled dreams, business integrity, exciting new projects and a clean slate for all South African's. Wishing all the ladies a Happy women's month.

**Keamogetswe Mmekwa**

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## CESA JOB SHADOW MONTH INITIATIVE – JUNE 2014

There was a hilarious yet petrifying notion about the job shadow initiative that was expressed by one of the PH Bagale directors. He believed that Job shadowing entailed a student stalking him all day while he typed emails and reports and attended business meetings. Having missed the opportunity to witness it first hand (as he had been attending one of these insipid meetings, well at least to any aspiring engineer), he returned to engineers who were filled with overwhelming gratitude (for having taken part in this fulfilling and informative initiative) from the other engineers whom had taken part in this initiative for the first time. This is how imparting your passion feels like. The authors of Planning and Implementing Youth Apprenticeship and Work-Based Learning from Madison, WI: University of Wisconsin, Centre on Education and Work defined it as:

**"Job shadowing is a work experience option where students learn about a job by walking through the work day as a shadow to a competent worker. The job shadowing work experience is a temporary, unpaid exposure to the workplace in an occupational area of interest to the student. Students witness first hand the work environment, employability and occupational skills in practice, the value of professional training and potential career options. Job shadowing is designed to increase career awareness, help model student behaviour through examples and reinforce in the student the link between classroom learning and work requirements. Almost any workplace is a potential job shadowing site."**



Young Professionals countrywide volunteered their time to share their personal experiences concerning the work they do and the challenges they face on a daily basis and the skills required to ensure they perform and achieve the desired outcome on their projects. The students were taken through projects, put through challenges, quizzes and even took part in experiments. Most importantly the students were taken through the requirements needed in order to study towards pursuing a career in Engineering. The students got to experience first hand how the skills and lessons taught in the classroom can be applied to everyday scenarios in the real world.

Initiatives such as the CESA Job Shadow Day are worthwhile exploring as they expose students to the world of Engineering which might otherwise not have been an option to them. It also exposes students to the type of environment one will be working under as well as to understand the logic and innovative ideas that go behind "making life better for our fellow mankind". So this is a call to YP's out there to take charge and participate in such events as you could be the one to inspire the next great future Engineer.

**- By Eliane Balegamire (Hatch Goba & YPF)**



## “TRADING” AT THE JOHANNESBURG STOCK EXCHANGE

On the 17<sup>th</sup> of July 2014 the Johannesburg Stock Exchange (JSE) treated the CESA YPF South Gauteng members to a riveting talk about the history and operation of the JSE. Those in attendance were given an informative and illustrative presentation on investing on the JSE.



The presenter for the evening, **Waldemar Budeli** did an exceptional job of giving insight into the lives of employees of the JSE past and present and what it takes to be a trader on the JSE. Mr Budeli then went on to discuss some of the great investments made in the past (Capitec listed on the JSE in 2002 at a modest R2 per share. Today the shares regularly trade above R200) and also some of the most successful investors of the past and present. YP's, now more informed on the activities of the JSE were given the opportunity to ask Mr Budeli questions and an avalanche of questions it was (all of which were answered outstandingly by Mr. Budeli). This was followed by snacks and beverages whilst networking.

The CESA YPF South Gauteng branch continues to offer a series of events that will ensure a future of Engineers with diversified knowledge and skill sets.

*- By Corr Griffioen (SMEC & YPF)*



## CESA SUSTAINABILITY IMBIZO



CESA YPF South Gauteng on the 11<sup>th</sup> August 2014 was the proud host region of the 2<sup>nd</sup> CESA Young Professional Sustainability Imbizo and like the previous year, the event was a huge success. A big thank you to CESA, CESA YPF and the sponsors for bringing this event to us and the guest speakers, media and the YPs who made the time to attend. The Imbizo kicked off with a bang with some memorable highlights.

Here are some highlights from the Imbizo:

### Day 1

The first day of the event saw the nomination of Mrs Jeshika Ramchand-Moonsamy as the National Chairperson of CESA YPF during the CESA YPF Elective National Committee Meeting. The other notable nominations were those of:

Keamogetswe Mmekwa – CESA YPF National Vice Chairperson and  
Phylicia Moseamo - CESA YPF Treasurer

### Congratulations to Keamogetswe Mmekwa from CESA YPF South Gauteng on her election.

The first session was titled: **“Bringing Sustainability into the Engineering Design Process”** with presentation made by various professionals working in the field including Karien Erasmus of GIBB who indicated that CESA member firms would have until the 2015/16 financial year to start incorporating a simple sustainability report into their annual reports that are submitted to the association. This is after CESA launched its Sustainability Framework.

Dr Mtutuzeli Nyoka, past president of Cricket South Africa and author of ‘A Hill of Fools – a look at corruption, greed and power’, took part in the second session titled: Who will we Blame?



A session that was facilitated by Ralph Mathekga. This was probably the most interesting session as Ralph had to stop the questions that came from the delegates.

To close the night, delegates were treated to a cocktail Party where they were encouraged to wear their traditional attire. This event, titled Celebrating 10 years of empowerment: Engineering Young Professionals was used to celebrate 10 years of CESA YPF’s existence, with some sad reminders such as the passing of one of the former ‘Engineer of the Year Award’ winners, Khelane Ndwandwe who passed away in 2013 after a car accident. You can read his touching tribute by Sizwe Duma. [http://www.cesa.co.za/sites/default/files/civeng\\_v22\\_n2\\_a24.pdf](http://www.cesa.co.za/sites/default/files/civeng_v22_n2_a24.pdf)

## CESA SUSTAINABILITY IMBIZO CONT.:

### Day 2

Day two started with the first session titled: Advocacy – ‘If you’re not at the table, you could be on the menu.’

Some of the presentations were made by:

- Nyami Mandindi, CEO & Business Line Director Southern & Eastern Africa, Royal HaskoningDHV - *Private sector view to client centricity*
- Enrico Vink, FIDIC MD - *The Art of Advocacy – Global Lessons*

Both of the presentations can be found under <http://www.cesa.co.za/node/218>

The second session: National Young Professionals Survey – Results and Trends touched on the results of the recent survey which found that;

- A lack of solid career development opportunities, or a lack of recognition, was the biggest concern for 57% of the 479 respondents who were asked to list their top woes in the 2014 National Young Professionals survey.
- Forty-three per cent of those surveyed – representing about 2% of consulting engineering professionals and about 10% of young graduates across South Africa – added that their salary was insufficient and, despite 91% of the respondents being proud of their profession, half would abandon the consulting engineering industry in favour of higher packages.
- Nearly 45% of the young professionals indicated that being a consulting engineer was not rewarding enough to retain young professionals.
- However, 64% said they were aware of graduates having difficulty finding work.
- Training and mentorship by companies also fell short, with 43% of respondents being unhappy with the training received from companies and 43% perceiving they did not receive the mentorship they coveted.

After all was said and done the Imbizo was a huge success which took to tackling some of the issues affecting professionals in our industry and endeavoring to seek innovative solutions.

- **By Erick Mulaudzi (UWP Consulting)**





## CESA EVENTS



## CESA AWARDS 2014:

A night of glitz and glamour was upon us again at the annual CESA Aon Engineering Excellence Awards that took place at Vodaworld in Midrand on the 12<sup>th</sup> of August. The night was facilitated by “the guy that ends off our weekend”, Bongani Bingwa from Carte Blanche. We were graced with the address of Water and Sanitation Minister Ms. Nomvula Mokonyane who called for engineers to empower women and for government to perform with integrity and transform the engineering sector. The minister explained the thinking behind the NDP and asked CESA member firms to join government by providing skills and leadership. We were honoured with addresses from the CEO and the CESA President who also assisted in presenting the awards. As usual the most coveted awards were the awards for the ‘Young Engineer of the Year’, Awarded to Makotsene Makgalemele as well as the award for the Job Shadow Initiative, which went to Iliso Consulting.

Once again CESA held its own at hosting this prestigious evening that honours the work done by the members of the Consulting Engineers of South Africa. Well done to all the nominees and winners.

*- By Keamogetswe Mmekwa (PH Bagale & YPF)*



## CESA RELAY 2014



I guess many wondered how CESA Relay 2014 would turn out like without Royal Haskoning DHV as the organizers. Well if you were one of those people, you got a pleasant surprise. CESA was a great host and once again we had great fun.

We are in competition with one another every day for tenders and this day offers us an opportunity to break away from it all, engage in physical exercise and have fun with our competitors. It gives our families a chance to see that we are not all about work as many would like to think. The morning was a bit icy and it made everyone seem a bit uncompetitive but when the race started everything changed. The second leggers started warming up and everyone wanted to come out on top. The MC for the day was entertaining and kept everyone’s spirit hyped up by always announcing which team is leading and making a few jokes in between

It is great to see that this event is growing yearly and more money being raised for charity.

*- By Steward Twala (Glad Africa)*

CESA RELAY



WHO'S WHO?

# Know your Branch Chairs:

YPF Branch Chairpersons		
Name	Contact Details	Position
Miss N (Noqobo) Bongoza	Tel:043 721 0135 Fax:043 721 1385 Email:noqobob@goba.co.za	Eastern Cape Border Kei Chair
Mr S (Sechaba) Kou	Tel:+27 51 447 9670 / 1 Fax:+27 51 447 8240 Email:sechabak@uwp.co.za	Free State Chair
Mr MDT (Mosa) Tsoai	Tel:0128429074 Fax:0128439000 Email:mosa.tsoai@bigenafrica.com	Gauteng North Chair
Miss K.A. (Keamogetswe) Mmekwa	Tel:0116788628 Email:kmmekwa@phbagale.co.za	Gauteng South Chair
Ms N (Naomi) Naidoo	Email:Naomi@bmkconsulting.co.za	Kwa-Zulu Natal Chair
T (Tendani) Ramutsindela	Tel:+27 15 295 4408 Fax:+27 15 295 2208 Email:tendani.ramutsindela@aurecongroup.com	Limpopo Chair
Mr W. J. (Wilco) Strydom	Tel:013 755 1190 Fax:013 755 4904 Email:wilco@endecon.co.za	Mpumalanga Chair
Mr M K (Mulalo) Munyangane	Tel:+27 018 468 8000 Fax:+28 018 468 8020 Email:mulalo@mdcc.co.za	North West Chair
Mr M (Mahlomola) Letele	Email:mahlomola.letele@aurecongroup.com	Northern Cape Branch Chair
Mr S (Sisanda) Dyubhele	Tel:0415812421 Email:sisanda@easpe.co.za	Port Elizabeth Chair
Mr M (Michael) Vice	Email:vicem@jgi.co.za	Western Cape Chair





SEPTEMBER

18 September: Sports Day

24 September: Public Holiday (Heritage Day)

OCTOBER

6 October: CESA Golf Challenge

16 October: AECOM Showcase



NOVEMBER

9-11 November: CESA Conference



# GIVE US A SHOUT:

Hello!!!

Twitter: @YPFSouthGauteng

Facebook: CESA-YPF

Email: [YPFSouthGauteng@gamil.com](mailto:YPFSouthGauteng@gamil.com)

Join CESA YPF NOW and beat the FOMO!

<http://www.cesa.co.za/node/105>

