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A CESA YOUNG PROFESSIONAL'S PUBLICATION

CONTENTS:

1. Message from the Chair	PG 1
2. Know your branch chairs	PG 3
3. Burning Issue	PG 4
4. Branch Activities	
4.1. Border Kei	PG 5
4.2. Free State	PG 6
4.3. Limpopo	PG 6
4.4. Gauteng South	PG 7
4.5. Kwa-Zulu Natal	PG 8
4.6. Western Cape	PG 9
5. Events:	
5.1. Job Shadow Initiative	PG 10
5.2. Sustainability Imbizo	PG 11
5.3. CESA Awards	PG 12
5.5. CESA Relay	PG 13
6. Calendars/Communication	PG 14
7. Advertising	
7.1. Presidential Golf Challenge	PG 15
7.2. Infrastructure Indaba	PG 16
7.3. SCE	PG 17

MESSAGE FROM THE CHAIR:

With resources diminishing and needs increasing the engineering industry is forced to look into creative and sustainable ways to find solutions to South Africa's extensive infrastructure challenges. Luckily, we are a resilient nation and (touch wood) may have weathered the load shedding storm, but there is a lot more to overcome. The solutions to overcoming SA's problems, according to Investec Bank Limited CEO Richard Wainwright, lie in providing education and creating a space for entrepreneurs which he believes can only be done by inter-professional and disciplinary collaborations.



South Africa is a country rich in fragmented policies, which if aligned, would achieve a great deal a whole lot quicker. Intergovernmental policies regarding the use of land for instance, if aligned would create a consensus regarding the direction of cities and provinces. Collaboration is a strong topic emanating from many conference themes such as FIDIC-GAMA (a joint conference of the International Federation of Consulting Engineers and Group of African Member Associations) which takes place in the Moroccan city of Marrakesh from the 24th of September. This year's conference theme is focused on 'Engineering for the challenges of climate change', of which Africa is expected to be the worst affected. This will require a collaboration between African countries in order to come up with sustainable solutions to alleviate the impact of climate change and to grow the economies of Africa.

The FIDIC-GAMA 2017 conference (which takes place in Cape Town) will seek to look at fostering relations between African countries in order to achieve sustainable growth. A good example of Young Professional's (YP) collaborating is seen in activities conducted by the branches this year; with the Western Cape branch collaborating with Young Black and Gifted (P.9);

BRANCHES:

Eastern Cape Boarder Kei | Free State | Gauteng North | Gauteng South | Kwa-Zulu Natal | Limpopo | Mpumalanga | Northern Cape | North West | Port Elizabeth | Western Cape

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MESSAGE FROM THE CHAIR CONTINUED:

the Kwazulu Natal (KZN) branch's networking session with SAICE and Gauteng South in their partnerships with member firms in hosting their events.

August is a busy month at CESA, nicknamed 'CESA month', as it's packed with the annual line up of the YP Imbizo (P.11) which was intensified from last year with more open and honest conversations that the Imbizo has seen yet. The CESA Aon Engineering Excellence awards (P.12) then follow and later on in the month of August or early September (as was the case this year), the Gauteng Relay took place. You can read all about these in this September issue.

It is an exciting and daunting time to take over the reins of National YPF Chair, exciting because the team I am working with is energetic and hold their own in their spaces (meet the team on Page 3) and daunting because of the issues we are faced with but I am confident because I stand on the shoulders of giants who in 12 years of the CESA YPF existence have nudged the YPF forward and constructed the dynamic form we know and see today. I would like to congratulate Jeshika on the work that she has done during her term and I wish her well in her future endeavours.

Aware that an elephant cannot be consumed in one sitting, we need to be cognisant of the fact that we cannot achieve all of it one go. So, over and above the work the YPF already does, the aim will be to intensify our drive and shift from being a talk shop to becoming a more influential forum whilst driving sustainable engineering practices and researching technologies for overcoming infrastructure challenges, sustainability of the profession through various projects with schools, other member associations and Young Professional organisations and understanding the business of consulting engineering and the role that CESA has to play in it. Let us all strive to achieve this target.

This year's local government elections have shown that South Africa has an active democracy and is still energised despite the challenges that the country has faced and Heritage month reminds us of the beauty of our diversity, but most of all that it is a great time to be a South African.

Keamogetswe

FAREWELL MESSAGE FROM THE IMMEDIATE PAST CHAIR

It has been said that the only time you should look back is to see how you have come. I have had the privilege of being involved with CESA YPF since 2008. I look back at our achievements with pride and an overwhelming excitement for the new heights that this grouping will reach.

In addition to a full calendar of activities focused on realizing the objectives of the YPF, the CESA YPF Sustainability Imbizo, the brainchild of the National Committee of 2014, has become an annual event on the CESA calendar. The conference is the only professional grouping that is focused and organized by and for YP's within FIDIC. In April 2013, CESA YPF together with five other African member associations, formed the inaugural Group of African Member Associations (GAMA) YPF at the GAMA Conference in Khartoum, Sudan.

As we welcome a new Chairperson and Executive Committee for CESA YPF, I look forward to a new chapter with more positive change and innovation. It was an honour to serve CESA YPF & National Committees, the CESA Board and Council. I am grateful for the personal and professional development, the knowledge I have gained, the people I have met and learned from, friendships built and lives changed. I am grateful for the travel opportunities and honour of representing my Employer, CESA and the profession on numerous CESA, GAMA and FIDIC platforms. I am excited for the opportunities that lie ahead in my new role at GAMA YPF and look forward to continuing to fly the CESA flag high.

I would like to congratulate Keamogetswe Mmekwa and Amanda Masondo-Mkhize on their role's as the National and Vice Chairperson of CESA YPF respectively. Best wishes on your terms and I trust that you will give and grow in leaps and bounds.

In order to be the change we want to see in our profession, it is imperative that we look beyond our immediate circumstances and give back to our communities, to young graduates, and to the industry and our profession through business organizations and learned societies. I echo the sentiments of Edward Everett Hale who said: "I am only one, but I am one. I cannot do everything, but I can do something. And I will not let what I cannot do interfere with what I can do." Let us all try to do a little part in making a great profession better. Hail, CESA!

Jeshika Ramchund – Bosch Stemele and Vice-Chairperson of GAMA YPF

YPF Executive Committee

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Provincial Committees

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Mr K (Khulile) Siqiti <i>Eastern Cape Border Kei Chair</i> Email: siqiti@boschstemele.co.za	Ms A (Andisiwe) Rweqane <i>Free State Chair</i> Email: andisiwer@metadel.com	Mr MDT (Mosa) Tsoai <i>Gauteng North Chair</i> Email: mosa.tsoai@bigenafrica.com
Mr EH (Erick) Mulaudzi <i>Gauteng South Chair</i> Email: erickm@uwp.co.za	Mr Y (Yolan) Pillay <i>Kwa-Zulu Natal Chair</i> Email: yolan.pillay@rhdhv.co.za	Ms M (Mathapeloi) More <i>Limpopo Chair</i> Email: mmore@srk.co.za
Mr NF (Nicky) Joubert <i>Mpumalanga Chair</i> Email: nicky.joubert@mottmac.com	Mr T (Tshifhiwa) Booï <i>North West Chair</i> Email: tbooï@lotshephe.co.za	Mr F (Franklin) Willemse <i>Northern Cape Branch Chair</i> Email: franklin@civilsense.co.za
Mr KW (Kylin) Gunkel <i>Port Elizabeth Chair</i> Email: k.gunkel@lukhozi.co.za	Mr T (Tian) Lamprecht <i>Western Cape Chair</i> Email: tian.lamprecht@bigenafrica.com	



Burning Issue

An opinion piece for you by you.

NOTE: Please note that the articles under this segment do not necessarily represent the views of CESA YPF

To contribute articles for this section please contact the editor on: kmmekwa@phb.co.za



By: Yankho Banda
(MPA Consulting)

To cycle lane or not to cycle lane?

The morning of Wednesday, 14 September 2016 saw South Africans waking up to the shocking news (depending how you view the matter) that the newly elected Mayor of Johannesburg, Mr Herman Mashaba had put the brakes on the city's bicycle lane project until every road in the city has been tarred.

For Transport Engineers this was a bit of a rude awakening as the whole focus for the City of Johannesburg (CoJ) has been around "building a world class city" where Non-Motorised Transport (NMT) i.e. walking, cycling, skates, skateboards, hand carts and wheelchair travel, is king. According to SANRAL, nearly half of the deaths that occur on South African roads are of pedestrians and many roads are not designed for pedestrian usage as features such as side-walks, pedestrian crossings and/or fences are often non-existent. Partly why I believe the city has been focussing on creating infrastructure that would support this travel mode choice which is predominantly seen in disadvantaged communities where public transport is virtually non-existent or finances do not permit the use of public transport.

The typical thinking in most third world countries (South Africa included) is that tarred surfaces are predominantly for motorised vehicles. This is further exacerbated by the fact that certain motorised vehicle drivers (i.e. taxi drivers) believe they own the road and the rest of us (other motorists and vulnerable NMT users) are privileged to occupy some space on that road. In some areas, roads are tarred but just the standard 7m (3.5m per lane on a single carriageway road) and the verges are left bare with no sidewalk or cycling area provided. And in the rainy season, when these verges are muddy, it forces the NMT user to use the already limited roadway and be in a "russian roulette" type situation with motorised vehicles.

Arguably, the country has many pressing issues to address, such as the housing backlogs, electricity and water shedding, provision of basic infrastructure and, and and...thus bringing the question of how does one prioritize one need over another? What are the criteria that govern such decisions where for example, a first class road run across a "third world" settlement? Is it then not more applicable to scale down on the magnitude of the project and implement the applicable infrastructure where a need has been identified along with these tarred roads instead of completely eliminating the programme? I know it is easier said than done given there has been some mismanagement of funds but does redirecting all funds from such an initiative (which for some is much needed) to another initiative such as housing really solve the problem or is it temporarily plastering an even bigger wound that needs to be scraped from the inside?

Like the Johannesburg mayor said, "There is no quick fix for the years of mismanagement that have resulted in the failures of our city. We need to start from basics and step by step build a city we can all be proud to call home". So I guess like all the other citizens who were in support of the cycle lanes as they were a step in the right direction, to support NMT movement, will patiently watch this space and see which side of the "cycle lane coin" will emerge victorious.

BORDER KEI

CESA YPF BORDER KEI Branch has had an eventful and fulfilling year. Not only did the branch successfully introduce YPF to the area but they also managed to establish a full committee. Some of the activities held throughout the year include a Meet & Greet which doubled as an opportunity to entice more YP's to be involved, a financial seminar as we all know the importance of making sound financial decisions and the celebration and empowering of women in engineering.

Meet and Greet Branch Meeting

The CESA YPF Border Kei (BK) Branch kicked off the year in style by organising a Meet and Greet event on the 8th March 2016 at the Bosch Stemele East London (EL) office. The aim of the event was to introduce YPF as well as entice more YP's to get involved and join. The event also doubled as a branch meeting where the CESA BK past chairperson, Ean Smit, also attended the meeting to give some background on CESA as well as the mission and vision. Minutes were taken and distributed.

Financial Management and Networking Seminar

When it comes to finances **knowledge is key**. Proper management of ones finances whilst still young, will ensure the success of one's personal breakthrough in the future. This was what the branch in partnership with FNB hoped the event would achieve – empowered young members who are in the process of meeting their life goals, through proper management of their finances. These goals may include buying a house, investments and planning for retirement while trying to avoid the tax man. Overall, the event was well received and YPs left a little wiser than before.

Women in Engineering Breakfast Event

The CESA YPF BK branch was proud to support and celebrate Women In Engineering. The event was prepared by Women in Engineering for Women in Engineering. The Seminar was aimed at empowering and uplifting career-orientated women in the world of work. It was also intended to encourage emotional intelligence and resilience to challenges and hardships faced by women in the industry whilst still maintaining healthy working relationships.



Strategic planning meeting branch meeting



Financial Management and Networking Seminar



Women in Engineering Breakfast



Women in Engineering Breakfast



FREE STATE

CESA YPF FREE STATE Branch has had no activities this year due to the committee members leaving town for greener pastures in other regions. The challenge was to rebuild the leadership with willing and committed YPs to join the team.

In the past month the branch has managed to recruit vibrant, young and dynamic entrants to the committee who are dedicated and enthusiastic to see the growth of the organisation not only at branch level but nationally.

To date the branch have held a strategic meeting where ideas were brainstormed on how awareness can be raised to promote the forum and to make other young professionals eager to participate in future events the branch intends to run.

The first event that will be hosted by the FS branch is a site visit which also be an opportunity for questionnaires to be completed by those who will be in attendance. The questionnaire is intended to assist the committee to bring relevant activities to YPs in the area as well as find out what YPs in the province are passionate about. This will enable the committee to draft the calendar for the following year with insight on what will entice, attract and help maintain consistency with the group and hopefully retaining committee members.

The committee has prepared a presentation that will address office managers and urge them to encourage their young engineers to be more involved in voluntary bodies such as CESA YPF. The branch also aims to create YPs who are transformation agents keen to partake in events that uplift the community. The new branch chair hopes that YPF will be viewed as an opportunity and platform where “we can have a voice, serve and make a difference”.

LIMPOPO

CESA YPF LIMPOPO Branch has had no activities this year due committee members leaving the platinum province for the gold rush of Gauteng Province.

Limpopo has been making news headlines in recent years for a shortage of textbooks in schools, and as the new CESA YPF Limpopo (LP) branch committee are committed to assisting with combatting this epidemic. The committee hopes this will create support for our future engineers as well as give YP's.

Based on this, the committee has deemed it fair that the LP branch focus on the energy, mining and education space as these are some of the crucial issues in the province. Below are some activities the branch has planned for 2016/2017 period.

1. First meet and greet & Entrepreneurship Evening (Lephalale) (19 October 2016)
2. Youth In Construction Career Expo (hope to get some of our learners there)
3. Poster Competition on Renewable Energy (2017)
4. “# I ♥ CESA YPF” T-Shirt Competition (2016 / 2017)
5. Site visits (TBA)
6. Textbook Drive

GAUTENG SOUTH

The CESA YPF Gauteng South (GS) Branch has always strived to be leaders in emancipating YP's who are passionate about the engineering industry and giving them a platform where they can express their views thus ensuring the sustainability and promotion of the profession. This year was no exception, the branch kicked off the year on a high and has kept the momentum and standard that has come to be expected from the SG branch. These were some of the activities the branch were busy with during the course of the year.

Meet and Greet

This is an annual event held at the beginning of the year to afford YP's the opportunity to network and unwind in a relaxed environment. It is also an opportunity for the branch to inform YP's of events that have been planned for the year. This year's M&G hosted by Hatch saw CESA YPF South Gauteng interacting with other young professionals from other Voluntary Associations such as SAICE, Young Water Professionals SA (YWPSA) and South African Institute of Mining and Metallurgy (SAIMM), who all made a presentation on what they do. The event was a huge success as the turn o

ut was the highest the branch has experienced since inception. The event also successfully solidified relations with other VA's which is one of the branch's aims for the year in ensuring the branch has a wide spread reach to YPs all over.

Zitholele Golder Great Debate

This is one of our annual events which Zitholele Consulting has adopted in partnership with the CESA YPF SG branch. This year was the 3rd successful year that the debate has been held. It is a night where brave YP's get to tackle current issues affecting us all in the form of a debate. This year's title was: Free Education must be Free. Two teams are picked on the night with one team "for" or one "against" the topic. Compelling arguments were made by all and kudos to the brave debaters who took the bull by the horns to express not only their views but potential solutions to reaching this goal hindsight the #FeesMustFall strike. The team that displayed enough wit and charisma to eventually win over our very knowledgeable judges and opinionated audience for the night, was the "Against" (free education) team.

UWP Quiz Night

This is fast becoming an annual event and a crowd favourite. Hosted by UWP Bryanston at the Prestigious Bryanston Country Club for the second year, the event is intended for YP's to relax, laugh, network and unwind whilst testing their general knowledge in a stress-free atmosphere. This year saw the participation of not only CESA member firms YPs but also the participation of university students from the SAICE Wits Student Chapter as well as YP from the SAICE Johannesburg Branch.



Representative from YWP-ZA addressing attendees at the Meet and Greet



The Zitholele Great Debate runners up receiving their prizes



Great Debate Judges



Quiz Night Attendees

KWAZULU NATAL

The Kwa-Zulu Natal CESA YPF branch has taken great strides to focus on initiatives that create awareness about our industry, provide networking platforms, secondary schools visits to increase engineering profiles, industry visits to provide opportunities not available to YPs in some organisations, technical sessions to improve fast tract developments in some aspects, and corporate social initiatives that provide the branch with opportunities to serve their communities.

ECSA Workshop held in Durban and PMB

The annual ECSA Registration Workshop took place in June 2016 and this year saw the workshop being held in Durban and Pietermaritzburg (PMB). The reason for hosting in PMB, was to allow the branch an opportunity to reach a wider audience outside of Durban. The workshop is beneficial to graduates as they need to understand the ECSA registration process and for applicants who are on the verge of submitting to ensure that they have covered all aspects required for registration. That might explain the great attendance in both cities.

Annual Consultants Soccer Tournament

KZN's annual action soccer tournament was held in April. 24 teams and more than 400 people made up of consultants and clients, participated in the action filled evening. For the first time ever, the KZN branch held a FEMALE Only soccer match!!

Annual Consultants Relay

This is an event organised from inception to completion by young professionals. This year's relay, hosted at the HOLLA Trails in Ballito, saw 16 companies participating and more than 700 people attending. The relay seeks to connect the different CESA companies in positive rivalry and is seen as an important aspect of the CESA calendar.

Mandela Day Initiative

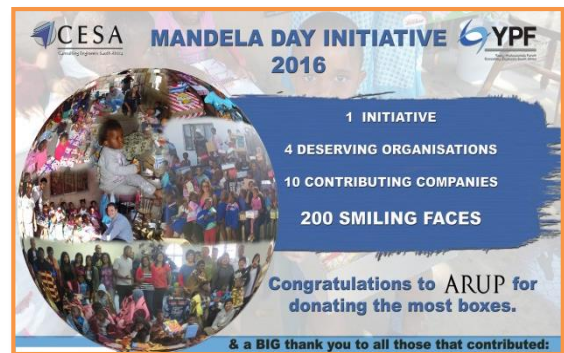
The great Nelson Mandela once said, "It always seems impossible until it's done" and this couldn't ring more true for the branch upon taking the step to partake in 67 minutes for Mandela Day. The Branch successfully collected more than 220 shoe boxes filled with stationary, toys and treats to distribute to four rural crèches across the KZN province.

UKZN SAICE Networking Session

This was an interactive session to provide final year students with some insight on what to expect upon entering the world of work. The initiative aims to lessen the shock of transitioning from student to employee but also realistically prepare our future engineers with the aim of retaining them within the industry.



ECSA workshop



Mandela Day Initiative "Thank you" poster



Celebrating Women in Engineering poster



KZN Branch Committee

WESTERN CAPE

The CESA YPF Western Cape Branch is constantly working towards transformation and engaging with industry related issues by collaborating and participating with initiatives like the Black, Young and Gifted (BYG). Fun activities were also hosted such as the touch rugby and volleyball tournaments as well as a quiz night. With all these great initiatives, guess it is evident why the Western Cape was crowned "Branch of the Year".

Black, Young and Gifted (BYG)

This initiative is an outcome of discussions that were held between the Engineering and Built Environment Faculty (EBE) and students of UCT following the student protests on the campus. The outcome of the meeting was the lack of South African lecturers or researchers of colour in the faculty. Through steps taken by driven young minds in the BYG, the amount of South African people of colour pursuing postgraduate studies full-time at UCT has increased from 4 to 10, out of 150. BYG also has 12 signed industry mentors, 22 students and has had substantial financial support from Aurecon, PRDW as well as the Gautrain Management Agency. This feels just the beginning of a new wave of South African academics and industry luminaries in the engineering field.

Touch Rugby Event

The annual touch rugby tournament took place at Central Park in Century City. A total of 12 teams participated in two groups with plenty of enthusiasm and sportsmanship. UWP Consulting Engineers entered a well-rounded mixed team while the competition decided to enter only men of various fitness levels. Each team played 5 matches and the winner of each group was sent through to the finals. It was the men from AECOM and team Aurecon 2 which headed on to the final. In the end, AECOM took the victory.

Quiz Night

Firemans Arms in Cape Town played host to Young and Old Professionals (YPs and OPs respectively) for the branch quiz night. A total of 20 teams partook in this competition that tests general knowledge in a variety of topics. Incentives in the form of spot prizes given throughout the duration of the event were introduced for teams along with special awards for the top three teams at the end of the event. The event was a massive success and provided the perfect social environment in which both YPs and OPs could interact and network. BVI emerged the nights winners of the title, with Aurecon closely behind in second and third place respectively.

Volleyball Tournament

The annual beach volleyball tournament kicked off with a bang at Camps Bay with an impressive 20 teams participating from a staggering 16 consulting engineering companies. The 20 teams were split into four separate groups, where the top two placed teams of each group proceeded to the knock-out stages of the tournament. Each team played with commendable sportsmanship. HHO Africa were crowned the overall winners upon beating Bigen Africa.



BLACK YOUNG & GIFTED

Empowering SA Students of Colour to Reach Further

BYG Logo



Touch Rugby Event at Central Park



Quiz Night at Firemans Arms



Volleyball Tournament at Camps Bay

Engineering Job Shadow Day 2016

The great Nelson Mandela once said, "Education is the most powerful weapon which you can use to change the world." This is the premise behind the CESA Engineering Job shadow initiative. The initiative is intended to expose high school learners to the working world so they can be shown the practical side of the theory learnt in classrooms. Job Shadow is a platform for consulting engineers to showcase what consulting engineers do on a daily basis to hopefully spark an interest in the profession and create an upcoming generation of engineers.

CESA companies nationwide, invite learners between Grade 10 and Grade 12 to spend "A day in the life of a Consulting Engineer". Learners are afforded the opportunity to walk in the shoes of a Consulting Engineer for the day and get a front row view of the fun and "chaos" that goes on behind the scenes to deliver the beauty that our fellow mankind enjoys on a daily basis. This initiative is intended to aid the learners to make well informed choices when choosing a career path...hopefully one in engineering.

It is encouraging to see that every year, member firms support this initiative in their numbers and positively contribute towards building the next generation of young engineers. I encourage learners to take part in such initiatives as it will give them a better understanding of what Engineering is when making a career choice. I also urge companies to open their doors beyond the Job Shadow initiative months so that we can encourage learners to take an interest in this beautiful profession that is engineering. Lastly, I encourage all YPs to actively participate in this initiative as we are the future leaders and mentors for the future engineers we desperately need to sustain and grow the profession.

By: Yankho Banda (MPA Consulting)

...Maybe the winning poster says it best...

CESA JOB SHADOW INITIATIVE 2016
 'A day in the life of a Consulting Engineer'

Royal HaskoningDHV hosted an impressive number of learners from previously disadvantaged schools on-site and at their offices around the country allowing them to fully experience 'A day in the life of a Consulting Engineer'. Learners were welcomed with a breakfast followed by a run-down of health and safety requirements and the provision of safety gear. Engineers, Technologists and Technicians provided insight into projects in the Civil, Mechanical Engineering, Electrical Engineering and Environmental Science disciplines.

Presentations and round table discussions were held guiding the learners through the Professional Environment – conceptualization, design, drawings and construction cost estimation. Learners were then put to the test to design and construct a pilot project where they were engaged with hands-on tasks such as bridge building competitions with marshmallows, jelly-tots and toothpicks.

After lunch learners were taken to various sites where they could experience the design and construction process in action. The day concluded with learners returning to the office to reflect on the day and ask questions.

Royal HaskoningDHV – Driving Social Change together with the Young People of South Africa

KZN Coastal: Maitland Secondary and KwaZulu Secondary (Both) visited RoyalHaskoningDHV 2D printing lab
 Gauteng North: Shalungwane Technical High School and Kemetso High School visited the PDB Sewerage Facility
 East London: East Bank & Kwa-Butha Buthe High School visited the BPT System, Bandon
 Cape Town: East London France College explored building weight bearing structure
 Cape Town: East London France College explored building weight bearing structure
 Cape Town: East London France College explored building weight bearing structure
 CESA member schools visited the Queen's Theatre Treatment Works

Royal HaskoningDHV
 Enhancing Society Together

YPF
 Consulting Engineers South Africa

CESA
 Consulting Engineers South Africa

Royal Haskoning DHV Consulting – Winners of this years' Job Shadow Initiative and poster competition at the annual CESA Aon Engineering Excellence Awards 2016.

Sustainability Imbizo 2016

The Accolades Boutique Venue in Midrand played host on the 16th and 17th of August 2016 to the 4th Annual Sustainability Imbizo with “Waste Management” being the theme for this year. Before the Imbizo commenced, elections were held for the new YPF Executive Committee. Congratulations to Keamogetswe Mmekwa who was elected the new CESA YPF chairperson and the rest of her team. (See the new executive committee on page 3).

On the first day of the Imbizo, those in attendance were given a brief history as to how the Imbizo came to life and the purpose of the conference as whole for YPs. The committee reminded those in attendance that the country needs engineers who can do business, not business people who try to be engineers. Change is happening in our time and we need to become agents of change. This set the premise for the two-day Imbizo which was jam packed with fascinating presentations, panel discussions and Q/A sessions by leading figures in our industry and our country including department heads, industry leaders, and musicians. Topics included: Engineering Leadership Beyond Engineering, Reducing Non-revenue Water in SA, Waste should not be wasted, How to stop the scourge of corruption using the Anti-corruption kit and even Happy Engineers are Good Engineers – but a lot more burning issues and debates were had. The debate this year was very impressive with a number of passionate appeals for more active citizenry, stronger action against ECSA for failing on its professional registration mandate, a call for more effort to be made to mentor youngsters and for us to advocate for our own industry.

Resolutions were passed from the feedback in these sessions namely; being committed and passionate YP’s, adapting to industry changes and embracing diversity in our industry. These resolutions will be actioned by CESA and the YPF.

The evenings offered attendees an opportunity to unwind and network – starting with the Rainbow Party on the first night which also saw the BCE Class of 2015 graduating. The second night, was the night that everyone in the Engineering circles looks forward to... the CESA Aon Engineering Excellence Awards. (See Page 12 for more on the Awards).

The CESA YPF Sustainability Imbizo is a great event and its success is based on the calibre of the YP’s who attend. Please consider attending next year and start motivating to your respective companies accordingly.

By: Geoff du Toit (Aurecon Group)



Engineering Excellence Awards 2016

Lights , Camera, Action!!!! And the Vodacom World in Midrand was transformed into a golden glitzy affair ready to celebrate the crème de la crème of engineers who have displayed ingenuity in solving complicated engineering problems. Consulting Engineers South Africa (CESA) has been honouring engineering ingenuity for the past 44th years and this year was no exception. CESA and AON pulled out all the stops to make the night as memorable and of a high standard as has come to be expected from the Engineering Excellence Awards. A live band and painter were at the venue to entertain guests but what really got the YPs excited was the instant photo booth!!! (when last did you print out photos...be honest) Hilarious hours of fun was had at the station with YPs showing their comical side with props whilst creating memories that would forever be entrenched in a photograph everyone got to keep.

“Young Engineer of the Year”, which is sponsored by Airports Company South Africa celebrates the outstanding work undertaken by a Young Professionals (YP’s) towards the sustainability of the industry through innovative ideas that are self sustainable and have the potential to positively contribute towards the betterment of the country and growing economy. This was a fitting award to kick off the night’s celebrations as it was truly inspiring to see all the amazing things YPs are involved in around the province. Congratulations to Dr Gabi Wojtowitz of Aurecon for winning this highly contested award and to all the brave Young Engineers who entered and showcased their works.

Individuals and companies displaying exceptional engineering achievements were celebrated in categories such as Projects with a value of less than R50 million right through to Projects with a value of over R250 million; Visionary Client of the Year; Mentor of the Year; Mentoring Company of the Year and Job Shadow Initiative but just to name a few.

Thank you to CESA and AON for the recognition they rightfully give to Engineers for all the great work they undertake without even complaining (too much), that is sometimes undermined. Thank you as well to the judges for taking the time out of their busy schedules to ensure this event is the success it always is.

By: Yankho Banda (MPA Consulting)



CATEGORY WINNERS YOUNG PROFESSIONALS:

Mentoring Company of the year Award:
Bigen Africa

Branch of the year:
Western Cape

Young Engineer of the year award :
Dr Gabi Wojtowitz (Aurecon)

Mentor of the year award:
Nevin Rajasakran (Zitholele Consulting)

WALK-CYCLE-RUN 2016 CESA RELAY



CESA Relay Gauteng

Ready, Set...GO!!!! And that was how Kyalami Country Club welcomed CESA and its member firms along with their families for the Gauteng CESA Relay on the 3rd September 2016. This was the first time the venue hosted the event and despite some teething issues (as to be expected in any new “relationship”), the event was a success as to be expected from CESA. The weather came along to the workout session providing sun and clear blue skies – it was official...spring was here!!! The relay is not only an opportunity to kick off your fitness programme (if you have not started) but it also affords those in attendance the opportunity to meet up with old colleagues whilst challenging each other in running, cycling, walking, volley-ball and tug-of-war. The little consulting engineers were also well catered for with their own obstacle course set up in the form of jumping castles where they could run, jump and “network” with fellow little “engineers”. Deals were also sealed with the clowns and magicians showing off their tricks and face painting skills on the little ones.

As to be expected, the relay was a success; thank you to Aquelle for providing refreshments to our athletes and ensuring everyone, young and old alike was well hydrated throughout the day. Thank as well to our resident DJ ST who ensured engineers busted a move or two in between the relay events as well when they came to collect their hard earned awards. To all the member firms who took time out to attend the CESA relay, we thank you for your continued support. It truly was an awesome day out and fun was had by all who were in attendance.

By: Yankho Banda (MPA Consulting)



YPF 2016 EVENTS:

July	August	September
Limpopo & Mpumalanga Presidential Visits	YP's Sustainability Imbizo / Conference	CESA Relay
	CESA AON Engineering Excellence Awards	Free State & North West Presidential Visit
	KZN Presidential visit	
October	November	December
Presidential Golf Challenge	CESA Infrastructure Indaba	Vacation period
Northern Cape Presidential Visit		Relaxation Time...goodbye 2016!!

HOTLINE BLING AVENUE

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

TO JOIN



YPF TWITTER:
@CESA_Yps

CESA TWITTER:
@The_CESA



CESA YPF ON FACEBOOK:
CESA-YPF

CESA ON FACEBOOK:
CONSULTING ENGINEERS SOUTH AFRICA



REGISTER NOW!
CESA Presidential Golf Challenge
3 October 2016
Johannesburg Country Club

The CESA Presidential Golf Challenge will take place on Monday, 3rd October 2016 at The Country Club Johannesburg.

[Click here to register now](#)

Due to the success and popularity of >CESA's Presidential Golf Challenge, CESA will again host its members and their clients on two courses allowing a maximum of 180 players (50 four-ball teams).

This is an excellent opportunity for you and your company to expose your brand and network with the private and public sector elite in the Consulting Engineering fraternity.

Below is a list of Marketing Opportunities that are available for you to expose your brand:

- **FOUR-BALL TEAM – R6 500**
- **PREMIUM HOLE SPONSORSHIP – R5 500**
- **STANDARD HOLE SPONSORSHIP – R5 000**

Should you be interested in sponsoring any of the categories above, please contact:

Bonolo Nkgodi
 Tel: 011 463 2022 / Mobile: 079 687 4565
 Email: bonolo@cesa.co.za



REGISTER NOW!

7-8 November 2016

Southern Sun Elangeni & Maharani Hotel, Durban

Registration for the 2016 Conference & Exhibition is now open!

DATE: 7-8 November 2016

[Click here to register now](#)

Costs:

Early bird - R 5,802.50 (Excl. VAT) – Closes on the 6th of October 2016.

Standard rate - R 6,325.00 (Excl. VAT)

Young Professional - R 4,226.00 (Excl. VAT)

Proposed Sub-themes / Sub-topics

1. Mapping a Sustainable Path For Consulting Engineers Amid Growing Economic Challenges
2. State of the construction and infrastructure sector / Economic situation – The Bigger Picture
3. Engineering skills development and retention
4. Infrastructure Investments
5. Procurement (Compliance, Value for money & development of SMEs)
6. Partnerships
7. Active advocacy / citizenry
8. Transformation
9. Supporting the industry - Deliver more with less
10. Pursuing the role of Trusted Advisor
11. Anti-Corruption

Past Conferences

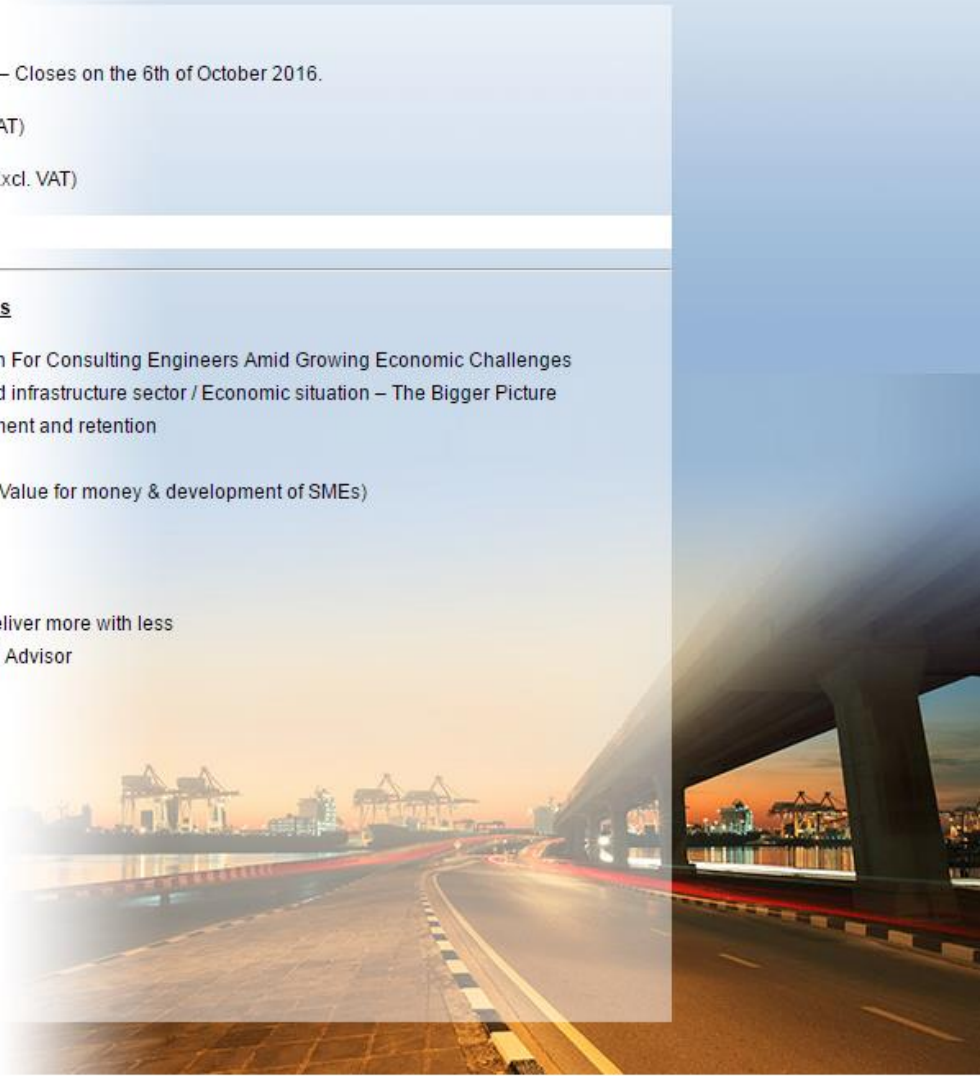
[2015 conference presentations](#)

[2014 conference presentations](#)

[2014 photo gallery](#)

[2013 conference presentations](#)

[2012 conference presentations](#)



Business of Consulting Engineering (BCE) Certificate Programme

Equipping future leaders in the business of Consulting Engineering.



Benefits:

- Accelerate the ability of young professionals to add value to your company
- Industry specific and developed by senior expert Consulting Engineers
- Developing business proficiency and competencies
- Becoming a holistic professional, in the field of consulting engineering

This development programme consists of three trimesters / block weeks (Monday to Friday), taking place at the CESA Training Centre in Bryanston. In the time between each block week (approximately 12 weeks) students complete 2 assignments each week with a final assessment / exam at the end of the year.

A dedicated Facilitator supports each student throughout the programme.

Students have access to CESAnet - an interactive Student and Facilitator online facility where all reading, reference and resource documents are accessible, assignments are uploaded and results and feedback are provided to the student. CESAnet also facilitates communication with Facilitator as well as classmates.

Entrance Requirements:

- BSc/BTech degree with a minimum of 2 years' experience in a CESA Member firm or
- Technical Diploma with a minimum of 5 years' experience in a CESA Member firm or
- Non-engineering tertiary education with a minimum 3 years' experience in a CESA Member firm Supported by a 'letter of motivation' from applicant's employer

* All applications will be evaluated and approved by CESA Education & Training Committee

***** 100% of all students that have completed the Business of Consulting Engineering Development Programme, stated that they would 'Definitely' recommend this programme *****

ONLY 20 PLACES AVAILABLE

For more information and to register go to the School of Consulting Engineering website:
(011) 463 2022
www.cesa.co.za/sce

