



***** **LEAD STORY** *****

REACHING HIGHER: New Engenius training sessions for YPs. Book your spot today!

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Edition 2: 2012

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Executive foreword



MOVING WITH THE TIMES:
Mathavha Sabela

After the exhilarating Bloodhound event here at ECSA, I could not but stop for a moment to acknowledge the difference in the way that Young Professionals (YPs) and mature professionals interact. Both young and old were taken aback by the project, but their feedback and points of interests differed immensely.

It is through communication platforms such as these that we can segment our audiences to reach out to them more effectively. It is here that we can close ourselves in and chat as we catch up with what YPs have been up to.

Even though the work that you do can often not be boxed into one category, one thing remains undisputed; YPs can and do *make it happen!* Be reminded of the Engenius training session tomorrow as communicated to you in the previous newsletter. The aim is to interact with and empower each other.

Regards,
Mathavha Sabela
ECSA Executive: Strategic Services



CONNECTING YOU:
Phindiwe Nkosi

Get involved! You often hear this call to action being mentioned as part of the standard protocol of any function worth its salt. What many fail to see is that without *you* and your valuable skills, we cannot make the impact that we rightfully should.

One such individual who got involved was Nakampe Modike (profiled below). He stepped in and made a difference in his area of expertise. Young as he is; he is already making a difference in the lives of the leaders of tomorrow.

If you were here last Monday (27 February 2012), you saw how the Bloodhound SuperSonic Car is making a difference. Yes, there are indeed many ways of getting involved and one of them is to come to our Engenius training session this Wednesday (7 March 2012), where we will empower you to empower others. So what are you waiting for? Get involved!

See you on Wednesday!

Regards,
Phindiwe Nkosi (ECSA) and Liesel Kirsten (Engenius)



MAKING IT HAPPEN:
Liesel Kirsten



Fired up Bloodhound event



UP AND STANDING:
Mathavha Sabela, Richard Noble, Peter McKuchane, Anisa Nanabhay and Vaughan Rimbault

The Engineering Council of South Africa (ECSA) in partnership with the South African Institution of Mechanical Engineering (SAIMEchE) hosted Richard Noble, Project Director of Bloodhound Super Sonic Car (SSC) on 27 February 2012.

Young and old filled ECSA's boardrooms to capacity as Noble's interactive presentation showcased how the Bloodhound SSC was forecasted to travel on land at 1600km/h.

"I found the event to be of value," said Brian Mtw. Reynard Behrens who has a background in children's educational activities was also impressed with the function as a whole and Bloodhound project.

"I am from the Morris Garage Car Club and have been following such talks for a while. I found this one to be very interesting and worth my while," says Pepi Gaspari who is an Architect.

Even though the function is over, the call to action stands: do something about it. Spread the word, donate, volunteer your time. For more information on how you can get involved, [click here](#).



MOVING FORWARD:
Dr Oswald Franks



GOING FOR IT:



MOVERS AND SHAKERS: Young and old assembled at the Bloodhound SSC event



STAMP OF APPROVAL: Richard Noble signs
Pepi Gaspari's books



STANDING TALL:
Sindile Tsoliwe, Simpiwe Mbana, Phindiwe
Nkosi and Brian Mtwa

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Engenius training workshops



We are counting days before we interact with you again, this time face-to-face. We would like to get to know you better! Let's meet for an interactive training session whereby we will empower you – our most treasured YPs – to get involved with learner outreach projects. We will be sharing methodology and providing hands-on workshop worksheets, brochures, DVDs and support through collaboration with Engenius partner organisations. Any other professionals are also welcome to attend.

Come and tell us about your projects' needs and let us know how you would like to be involved in our projects. **We have also requested *Famelab*, a British Council competition for YPs** who would like to test and develop their communication and presentation skills, to invite you to enter.

Remember:

Date: Wednesday, 7 March 2012

Time: 16:00 – 17:30

Venue: Engineering Council of South Africa, 1st Floor Waterview Corner, 2 Ernest Oppenheimer Avenue, Bruma, Johannesburg

Light refreshments will be served

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Get involved



**Click on the image above to share
with the world how the
engineering activities that you are
involved with *make it happen!***



Photo courtesy of [curventa](#)

- **Sci-Bono Engineering Week takes place from 12-16 March 2012.** YPs are invited to contribute to the advancement of the Engineering profession, promote skills development and increase higher education uptake of prospective Engineering students through this annual Engineering Week for schools. The Sci-Bono Engineering Week forms part of Sci-Bono's career advocacy and skills development programme and targets Grade 8 – 12 Gauteng learners, educators as well as out-of-school youth. If you are able to make a presentation on e.g. your engineering projects to show how you are "*making it happen*" please [Click Here](#)
- To stand a chance of shining on our [Engenius website](#), send us your profile, including your photo as well as a summary of the engineering projects that you are involved with that are *shaping our world* [Click Here](#)
- Send us your ideas on 1-2 hour engineering workshops for learners [Click Here](#)
- **To add someone to the mailing list** [Click Here](#)

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Young Engineering Professional profile – Modike saves lives



*LEADING MEN:
Mathavha Sabela and Nakampe Modike*

Water gives life. It sustains people, animals and plants. It is part of our everyday life and a vital component within our very beings. In all fairness, one can be justified in saying that water is a *need* and not a *want*.

It is this very need that Nakampe Modike is fulfilling through his project that empowers and equips rural schools to have access to clean water. What is of further interest is his passion to save lives and use science to make the planet a better place for learners and communities.

“I find that in many cases, someone must first die before something can be done. This should not be the case. What I do is I inspect the quality of water in rural schools. I analyse it and give them my feedback on how they can improve it. Clean water is a need and something that many rural schools still need to attain,” says Modike.

According to Modike, lives are worth saving. He has already worked at two schools in Limpopo and is targeting more. In most cases, he uses his own funds. “I want to use my skills to make it better for the next generation. I know what it is like not to have access to clean, safe water and now that I can do something about it, I want to do something about it,” concludes Modike.

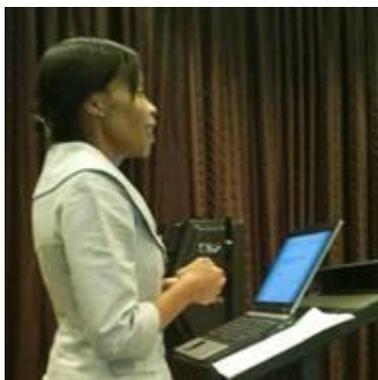
Anyone interested in joining forces and/or helping Modike to make an even bigger impact should [click here](#).



*SAVING LIVES:
Nakampe Modike*

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Engenius captivates women



*TAKING GROUND: Queen Mokulubete,
Principal Metallurgist at Anglo American*

Engenius made a presentation to over 80 women engineering professionals at the All Sectors Women in Engineering Symposium at the Hilton Hotel in Sandton on 27 - 28 February 2012.

The audience was introduced to the Engenius campaign, invited to the YP training session and encouraged to join ECSA as registered professionals. The training aims to empower, especially YPs, to promote the engineering profession using the Engenius message, methodology and products (including DVD, brochures, website and workshops). This will ensure that a consistent and effective message is communicated by the profession when supporting partner organisations' activities.

Delegates were requested to indicate whether Engenius can make similar presentations part of their organisations' scheduled events. This will form the basis of establishing a national network of role models.

Together we can make a national impact!



*WOMEN ON THE MOVE:
Attendees at the All Sectors Women in
Engineering Symposium at the Hilton Hotel in
Sandton*

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About ECSA:

Engineering Council of South Africa (ECSA) is a statutory body established in terms of the Engineering Profession Act, 2000 (Act No. 46 of 2000). ECSA's predecessor was established by the Engineering Profession of South Africa Act, 1990 (Act 114 of 1990). For more information, [click here](#).

About *Engenius*:

Engenius is a nationally coordinated campaign which aims to promote the Engineering profession to all children, particularly those from previously disadvantaged communities through collaboration with the Engineering Council of South Africa (ECSA) and engineering Voluntary Associations among others. For more information, [click here](#).



This newsletter is intended for **Young Engineering Professionals only**.

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