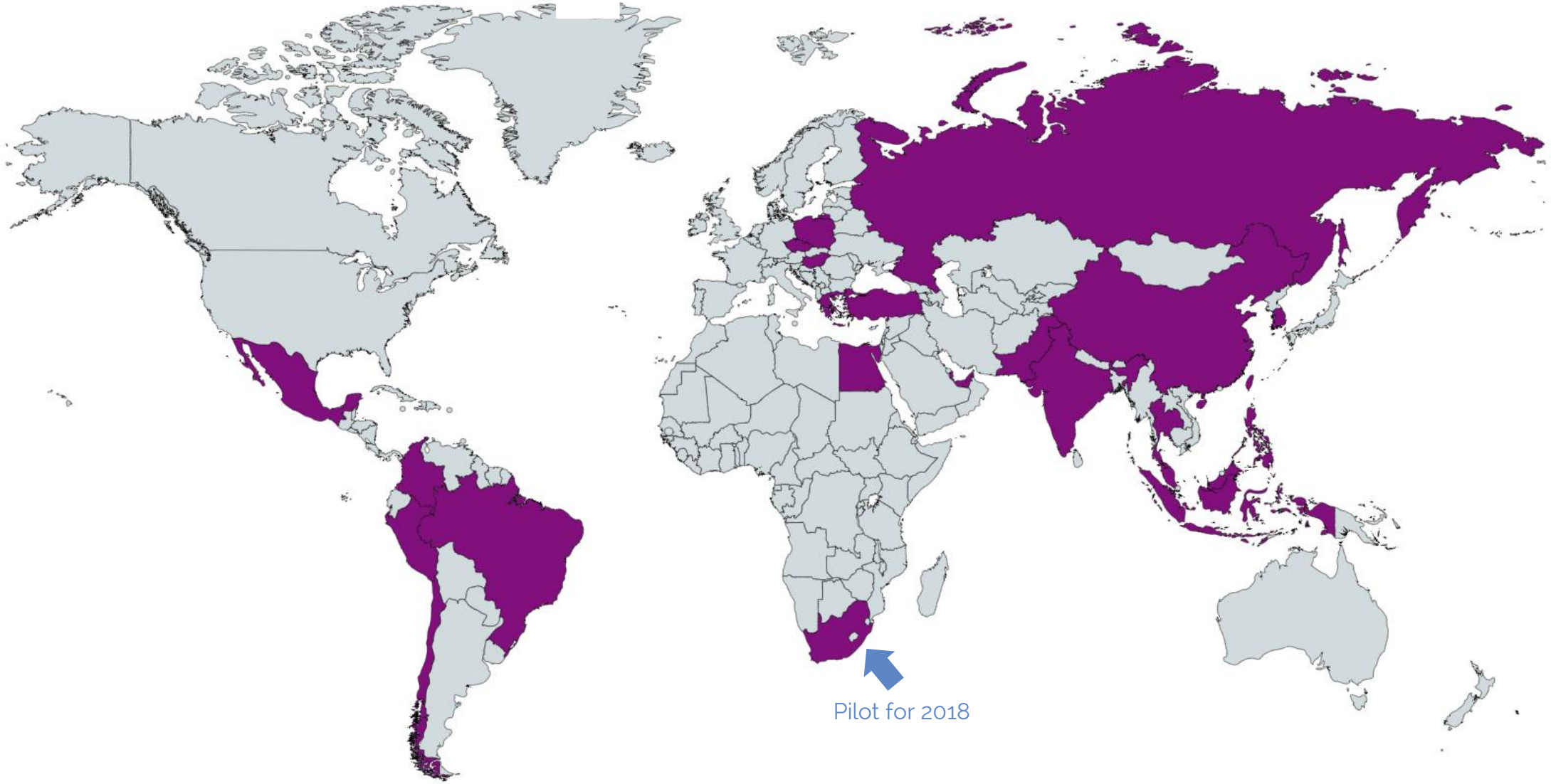
EMERGING ECONOMIES INITIATIVE

South Africa

2 – 6 October 2018

WHAT IS AN EMERGING ECONOMY?

An economy that is transitioning from a traditional, to a more advanced economy focused on industrialisation.



PURPOSE OF THE INITIATIVE

To help emerging economies build on local Agile skills, knowledge and experience by:

- Providing an opportunity to learn that is not bound to a commercial event, e.g. conference or training.
- Increasing knowledge sharing between the local and international Agile community.
- Affording under-served communities access to international speakers and the broader Agile community

The pilot of the initiative was run in South Africa in October 2018

OUR INTERNATIONAL GUEST: Jeff Hackert

Jeff Hackert has been working with technology teams for over 30 years.

He has worked with market innovators in telecommunications, software deployment, gaming, food and beverage, and e-commerce (Nextel, Chef, Riot Games, Soylent, Red Bull, ABSA Bank, Standard Bank, Visa, Sourceclear and many more).

He is both a coach and mentor to tech leaders and software developers, helping individuals and teams to improve their approach to product development and delivery. His approach to product delivery is centered around the values, mind-set and work habits that produce great teams and amazing products

2 OCTOBER – WE THINK CODE (JOHANNESBURG)

Jeff spent the morning talking about Agile software development with students from **We Think Code** in Braamfontein, Johannesburg.

We Think Code's vision, as a Non-Profit organisation, is to unlock youth potential by closing the digital skills gap in Africa. They work within an eco-system of public and private partners to source and train world-class African digital talent; as well as provide students with a clear path to employment.

2 OCTOBER – DURBAN AGILE USER GROUP

Thank you to the organisers of the Durban Agile User Group: Gennine Inggs, Mark Whitfeld, Brendon Page, Rory Clarke

Durban has never hosted a major Agile conference or event. The Regional Scrum Gathering will be hosted in Durban for the first time in Nov 2018, due to the water shortage in Cape Town.

Jeff delivered his talk titled "**Beyond Process - Product Delivery in a Post-Agile World"** to a group of 70+ Durban Agilists.

FEEDBACK
DURBAN AGILE USER GROUP

Waseem 'TehWazzard' Sabjee

Hello Guys, I'm a member (now residing in joburg) and I've had the pleasure to be in one of Jeffs DevOps way of working workships a few years back while he was with Chef.IO and I'll say...please try your best not to miss interecting with this guy. It's an experience. I unfortunately can't make this event...I would love to view the live cast!.

Reply 14 days ago · Like · 2 likes

Waseem 'TehWazzard' Sabjee

I also want to quote an article I wrote at the time, based on Jeffs teachings, that is relevant to this discussions (based on description) might allow you to go into this with some good questions. http://blog.waseem-sabjee.com/2016/09/01/this-devops-thing-again/ I'm sure his content has evolved a lot since.

14 days ago · Like · 2 likes

Gennine Inggs

Jeff's talk was wonderful. Full of insightful and on the button information and super entertaining too. You're welcome back anytime Jeff!

Reply 9 days ago · Like · 1 like

Matt Salmon

Enjoyed this immensely. Thanks to all the sponsors for holding this.

Reply 10 days ago · Like · 2 likes

Dean Alcock

HIghly entertaining and informative. Thanks Jeff for some real pearls of wisdom, and thanks to the Agile Alliance, S A Home Loans, ChilliSoft and Kaleidecode for making this event possible.

Reply 9 days ago · Like · 2 likes

Ewan McPhail

Awesome session, thank you organizers and the highly entertaining Jeff 👍

Reply 10 days ago · Like · 5 likes

Rory Smith-Belton

At the risk of being a repeating record, great talk! My only regret is that I didn't bring more people. I have already started looking at the collection of Jeff's content which is out on the net, so that I can start introducing my team to it.

Reply 9 days ago · Like · 2 likes

Kim van Wyk

Big thanks to Jeff for a fascinating and really engaging talk - I came away with a lot of great new insight.

Reply 9 days ago · Like · 2 likes

Nishkar Ramautar

Really really awesome talk. Very engaging. I enjoyed it thoroughly!

Reply 9 days ago · Like · 1 like

Gareth Craig

Was an amazing talk, thanks so much.

Reply 9 days ago · Like · 2 likes

Verne Clarke

An insightful, real and entertaining talk. Thank you!

Reply 9 days ago · Like · 2 likes

Mark Whitfeld

Great talk with great "chunks" of insight!

Reply 10 days ago · Like · 3 likes

4, 5, 6 OCTOBER – KASI CREATE-A-THON

*"**Kasi**" is South African slang for "township". A township is a typically underdeveloped urban area that, until the end of apartheid, was reserved for people of colour.*

The **Tshwane University of Technology** (TUT) Faculty of Information and Communication Technology is based in the township of **Soshanguve**.

To close the gap between the Agile industry and the university students, TUT decided to host their first annual Kasi Create-A-Thon (KasiCAT). KasiCAT followed a hackathon format, underpinned by Agile practices. It was organised by the student community and academic staff, in collaboration with the local agile community.

The intent was to deliver fresh ideas and solutions to the Soshanguve community, focusing on the following topics: Education, Service Delivery, Commercial Services, Health Information, Crime Prevention

Day 1 = Workshop Day | Day 2 = Product Creation | Day 3 = Showcase

DAY 1 : THE "RULES"

Jeff Hackert

Kazi create-a-Thon

JEFF HACKERT

KASI CREATE-A-THON

I found refuge in computers...

THE RULES

1 understand THE ECONOMICS

- can go into an existing market with small innovation

2 CONTROL work in PROGRESS

- small pieces
- pick most important thing
- Focus on finishing!

KEY to success

3 exploit VARIABILITY

there are things that are going to F*&! you up!

1. Tech
2. Requirements (difficult to define)
3. People (not individual)

Problems... and opportunities

learn Java

4 Iterative & incremental

you can't do it all at once...

Small pieces of WORKING Software – validate + get feedback

What matters is SOLVING the problem

5 ACCELERATE feedback

get feedback early + quickly...

DID YOU KNOW?

DIGITAL = fingers + toes...

6 BUILD SLACK into the System

give people time to THINK!

1 "innovation distinguishes between a LEADER + a FOLLOWER"

– Steve Jobs

2 Competition IS Validation

it doesn't have to be a SUPER SECRET idea...

FIND the gap and do it better...

3 STARTUP costs are approaching ZERO!

the secret to Startups is don't run out of money...

4 OPEN Source

get the cheapest... UNTIL it breaks!

don't re-invent

use open Source

AWS (Amazon Web Services)

experiment a lot...

Sketch by Talia @SketchingSM

Tshwane University of Technology

We empower people

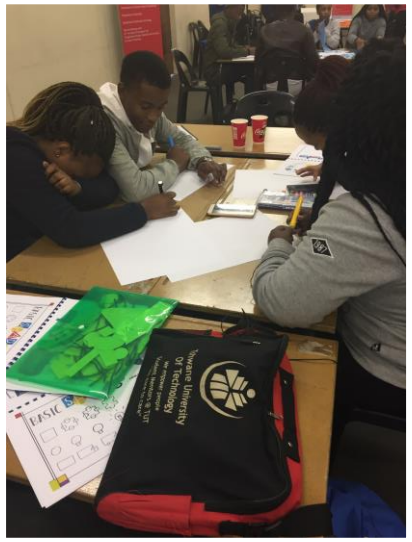
Agile Alliance

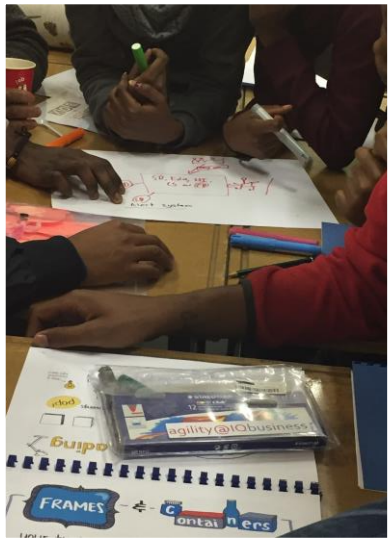
Tshwane, South Africa

4 Oct. 2018

DAY 1 : SKETCHING OUTSIDE THE BOX

Angie Doyle &
Talia Lancaster

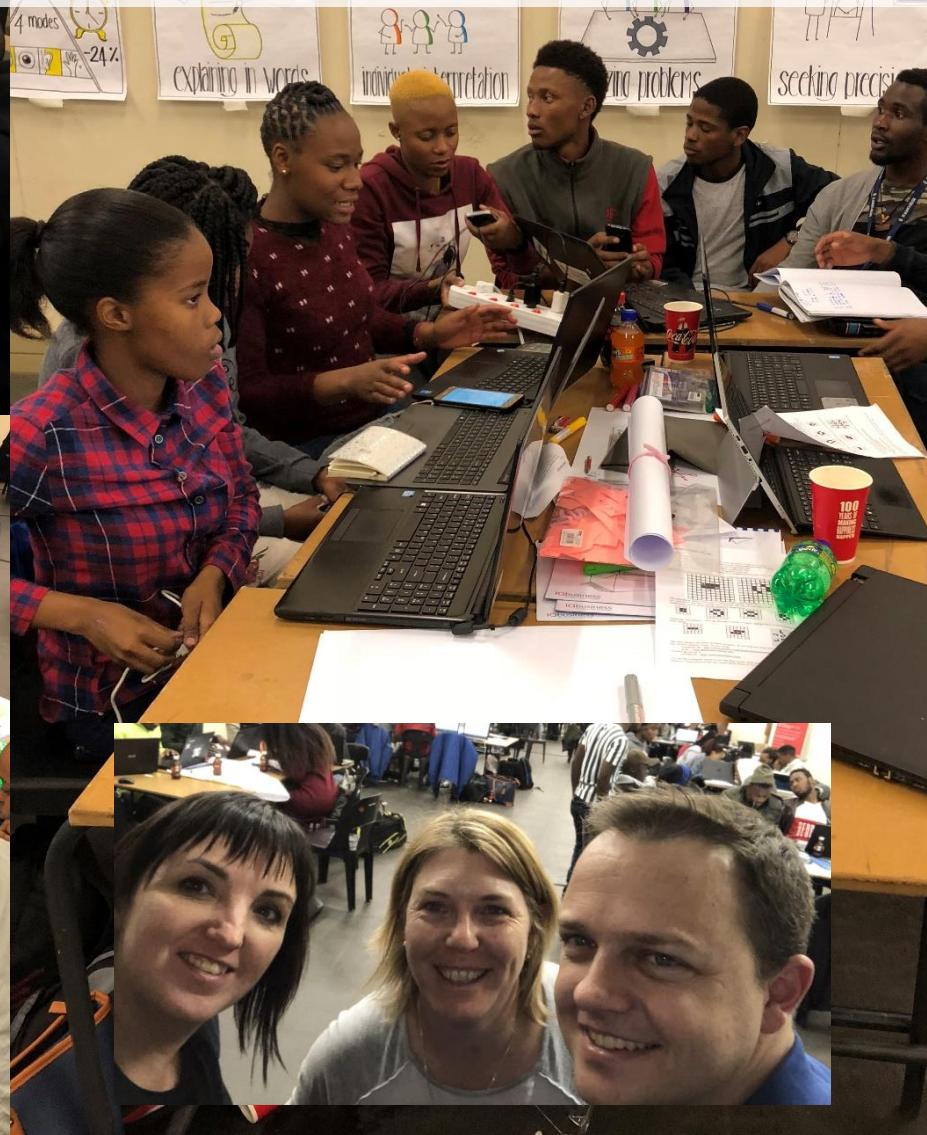




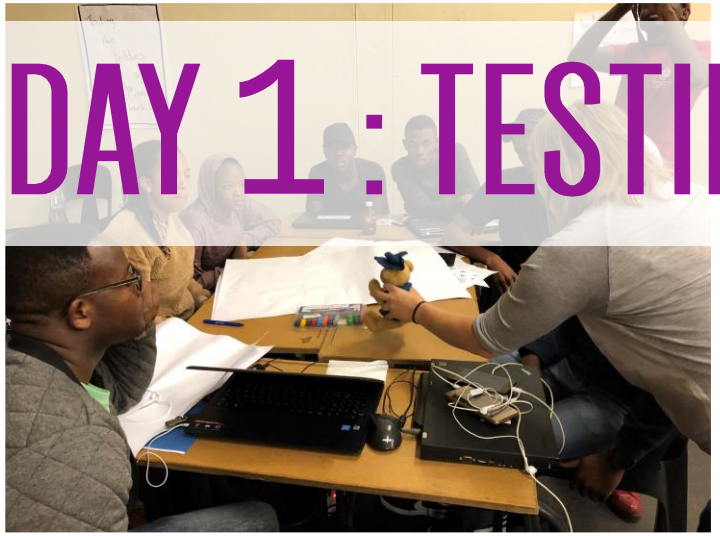
DAY 1 : MOB PROGRAMMING

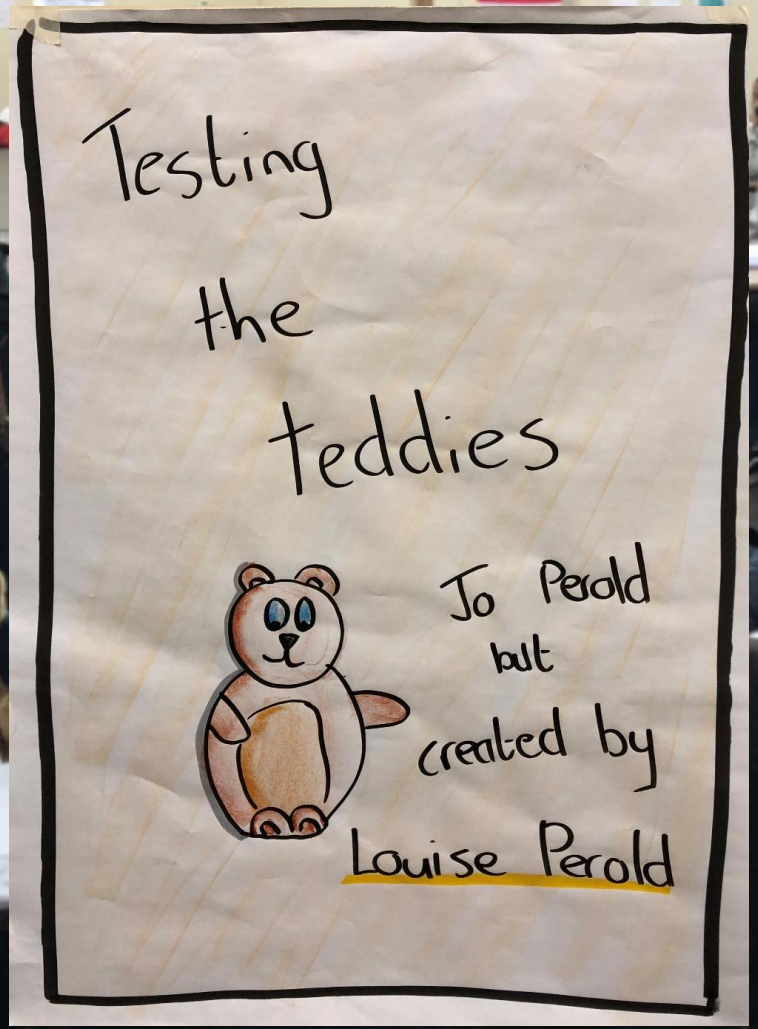
Gareth Stephenson

KASI CREATE-A-THON



DAY 1 : TESTING THE TEDDIES Joanne Perold





DAY 2: PRODUCT CREATION

Lots of coffee needed!

The Judges

(one unexpected venue change later…)

DAY 3: SHOWCASE

CyberCircle (1st)

An application that provides exposure for artisans to promote their skills

Code E (2nd)

An application to help learners study by exposing them to mathematics

TechSetters (3rd)

An application that tracks the location of people at high risk of human trafficking

Int-Elligence

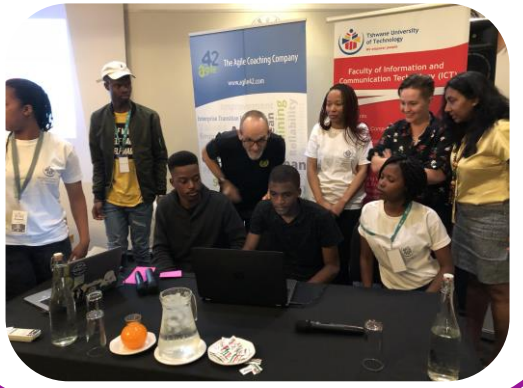
An application to help people eat healthier, by providing them with access to eating plans for their specific condition

Coders

A hospital management system to help reduce long queues in hospitals, and provide access to medical records

Connectors

An application that will help citizens in an emergency situation to get help fast



Nerdy Geeks

An administrative system to help the Department of Transport transform from a manual system to an electronic one

THANK YOU TO EVERYONE WHO CONTRIBUTED!

Organizers:

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We empower people

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Individual sponsors:

Annalinde Singh, Kalayvani Reddy, Jan Louw, Leela A Putten, Natalie Janse van Rensburg, Gita Lowe, Nita Labuschagne, Della de Beer, Michael Theodorou, Gillian Findlay, Chris Rathebe, Preasan Naidoo, Oscar Sibanda, Angie Doyle, and Joanne Perold

Volunteers:

Joanne Perold, Jeff Hackert, Angie Doyle, Talia Lancaster, Gareth Stephenson, Nkebe Sekhaolelo, Natalie Janse van Rensburg, Tinus Kruger, Robert Bravery, Dobyl Malubane, Kalayvani Reddy and Annalinde Singh.

EMERGING ECONOMIES INITIATIVE

Want to hear more?

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