



35TH INTERNATIONAL GEOLOGICAL CONGRESS

27 AUGUST - 4 SEPTEMBER 2016 | CAPE TOWN, SOUTH AFRICA



MAY 2016

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NOTICE TO ACADEMIA

SCIENTIFIC PROGRAMME

MESSAGE FROM THE SCIENTIFIC PROGRAMME CHAIR

The Scientific Programme Committee is delighted to announce that over 5000 abstracts were submitted online, covering presentations in 48 broad themes. Abstracts were submitted by authors from 93 countries, representing geoscientists from academia, government and industry, and covering disciplines from the entire range of the earth sciences. This has been a truly global response and reflects the ever increasing importance of the earth sciences in every sphere of public life. Abstracts are currently in the process of being reviewed and the Committee is extremely grateful and indebted to the innumerable theme champions and symposium convenors that are undertaking this huge task.

The expanding role of geoscience in society, the safe-guards it provides with respect to multiple forms of geohazard, its contributions to fundamental research and the importance of its practitioners as the custodians of the Earth's natural resources, is clearly evident in the scope of the presentations we will be listening to and viewing at the 35th International Geological Congress. There is no doubt that the 35th IGC will be hugely topical and scientifically stimulating, and we look forward to welcoming you all to Cape Town in August.

SCIENTIFIC PROGRAMME COMMITTEE

Three core topics have been identified for the 35th IGC.

A total of 48 themes have been identified across all three core topics, covering the entire range of earth science subjects. Each theme will be made up of one or more symposia that are proposed by the delegates themselves.

Themes are co-ordinated by theme champions who are ultimately responsible for the content and structure of the symposia within each of the themes. Theme champions, in conjunction with the scientific programme committee and the proposers of symposia, have vet abstracts, invited key-note presentations, allocated oral and poster presentations and appointed session chairs.

- Geoscience for Society
- Fundamental Geoscience
- Geoscience in the Economy

PLENARY PROGRAMME



Prof Chris Hawkesworth - University of Bristol
GEOLOGICAL CYCLES AND THE GENERATION OF THE CONTINENTAL CRUST



Ms Ruth Allington - GWP Consultants
BREACHING THE BOUNDARIES BETWEEN SCIENCE AND PROFESSION – AN IMPERATIVE FOR GEOSCIENCE IN THE SERVICE OF SOCIETY



Prof Bob Scholes - University Of The Witwatersrand
AFRICA - HUMANS AND THE GLOBAL CLIMATE

It has become clear that humans, especially over the past century, have had a profound impact on Earth system processes and the global climate, to the extent that the present era has been dubbed the 'Anthropocene'. This paper explores the several-million year interaction between human development and Earth system processes. It develops the hypothesis that Earth system processes, including climate changes, were responsible for the development of the hominin and hominid branches of the evolutionary tree in the first place, especially at three critical junctures in the paleo-history of our lineage. I propose that over the past four million years, human ancestors, African savannas and the global climate have co-developed, with each influencing the other in powerful ways.



Prof Michel Jibrak - University Of Quebec, Montreal
MINING INDUSTRY & SOCIETY - THE NEW CHALLENGING FRONTIER



Dr John Anderson - Nelson Mandela Metropolitan University
AFRICA ALIVE CORRIDORS - A 3.5 BILLION YEAR GEOLOGICAL, BIOLOGICAL & CULTURAL BIOGRAPHY OF AFRICA

Africa is our Mother continent, and is the colossus amongst Earth's continents. It is here, through the past 10-million years, that we took every step of our evolutionary journey from being Great Apes to modern humans, Homo sapiens. It is the cradle of our primate ancestors and home of our closest cousins, the chimpanzees and gorillas. It includes the stem of human language and the roots of our human culture. In the Barberton Mountains of South Africa, we find the oldest, best-preserved piece of landscape, yielding the oldest known preserved life (dating to ca 3.5 Ga)..... [Read More](#)



Prof Joe Cartwright - University of Oxford
DRILLING BENEATH THE HYPE - TECHNICAL CHALLENGES FOR THE EXPLORATION OF SHALE GAS



Prof Thomas Graedel - Yale University
GRAND CHALLENGES IN THE MINERAL LIFE CYCLE



Prof. Mustafa Meghraoui - Strasbourg University
DAMAGING EARTHQUAKES IN AFRICA - THEIR SEISMOTECTONIC BACKGROUND AND SEISMIC HAZARD IMPLICATIONS

The African continent was the site of several destructive earthquakes with moment magnitude Mw >6.5 since the beginning of the 20th century. Large seismic events such as in 1910 Lake Tanganyika (Mw 7.4), 1928 Subukia – Kenya (Mw 7.0), 1935 Al Qadaha – Libya (Mw 7.0), 1980 El Asnam – Algeria (Mw 7.2), 1990 Juba – South Sudan (Mw 7.1), 1995 Nuweiba – Egypt (Mw 7.2), and 2006 Machaze – Mozambique (Mw 7.0) provide an insight into the geodynamics and level of crustal deformation in the continent (1). Most of these earthquakes are shallow and some of them reveal surface faulting with prominent coseismic slip that can be correlated with seismotectonic structures (plate boundaries, rift systems, transform faults and active intraplate regions). Their occurrence in densely populated areas with increase in building plans has caused severe damage and significant economic loss in Africa (2). [Read more...](#)



CORE TOPICS SCIENTIFIC SYMPOSIA

GEOSCIENCE FOR SOCIETY

- Geoheritage and Conservation
- Geoscience Education and Public Communication
- Public Sector Geoscience and Geological Surveys
- Climate Change Studies
- Groundwater and Hydrogeology
- Soil Science
- Geoscience Data and Information Systems
- Geohazards
- Proximal and Remote Sensing Technologies
- History of the Geosciences
- Medical Geology
- Global Geoscience Professionalism and Geoeitics
- Geosciences for Benefitting Low-income Countries
- Environmental Geosciences
- Engineering Geology and Geomechanics

GEOSCIENCE IN THE ECONOMY

- Mineral Resources Evaluation, Geostatistics and Mathematical Geoscience
- Mineral Exploration
- Mineral Deposits and Ore Forming Processes
- Coal
- Petroleum Systems and Exploration
- Unconventional Hydrocarbons and Emerging Fuels
- Energy in a Carbon Constrained World
- Applied Mineralogy and Geometallurgy
- Mining Geology and Earth Resource Engineering
- Critical Metals - a Global Perspective
- Resourcing Future Generations
- Gold Mineralizing Systems (jointly sponsored by SEG and SGA)

FUNDAMENTAL GEOSCIENCE

- Sedimentary Processes - Ancient to Modern
- Basin Formation and Continental Margins
- A Dynamic Earth
- The Deep Earth
- The Hadean and Archaean Earth
- The Proterozoic Earth
- Geochronology
- Isotope Geoscience
- Magmatism - Settings, Compositions and Processes
- Mineralogy
- Metamorphic Processes
- Evolution of the Biosphere and Biogeoscience
- Marine Geosciences and Oceanography
- Arctic and Antarctic Geoscience
- Surficial Processes and Landscape Evolution
- Rock Deformation and Structural Geology
- Palaeontology and Palaeo-anthropology
- Instrumental, Experimental and Laboratory-based Developments in the Geosciences
- Volcanology
- Phanerozoic Earth History, Stratigraphy and the Geologic Time Scale
- Planetary Sciences and Meteorite Impacts



PROFESSIONAL DEVELOPMENT WORKSHOPS & SHORT COURSES

BOOK AND PAY BEFORE 15 JUNE AND YOU WILL GO INTO THE LUCKY DRAW TO WIN ZAR 2 500 OFF YOUR WORKSHOP!

REGISTRATIONS ALREADY BOOKED AND PAID ARE ALSO ELIGIBLE.

Attendees not registered for the 35th IGC Congress will only be able to register from 1 June at premium rates (space limited and subject to confirmation).

WORKSHOPS AND SHORT COURSES OFFERED AT THE 35TH IGC INCLUDE:

WORK-SHOP	TITLE	PRICE	DATES
WK1	Hyperspectral core imaging: an emerging technology for geological and mining applications	R2800.00	Sunday 28 August
WK2	Mathematical Morphology in Geosciences and Geoinformatics	R2500.00	Sunday 28 August
WK3	Social Responsibility for Geoscience Education Workshop	R2700.00	Sunday 28 August
WK4	Global-scale Geochemical Mapping	R1600.00	Saturday 27 & Sunday 28 August
WK5	Skills for Sustainability: Effective Application of Geology to International Development	R2800.00	Sunday 28 August
WK6	Drilling Short Course	R1700.00	Sunday 28 August
WK7	Single Polarised, multi-polarised and Polarimetric Radar Images	R3600.00	Sunday 28 August
WK8	Seafloor exploration and surveying techniques for the Earth Sciences: The state-of-the-art	R4100.00	Sunday 28 August
WK9	Geoscience Information for Teachers (GIFT)	R2750.00	Saturday 27 & Sunday 28 August
WK10	Use of the Win-Tensor programme for tectonic stress reconstructions	R2500.00	Sunday 28 August
WK11	Developing Europe's International Observatory for Raw Materials	R1600.00	Sunday 28 August
WK12	Gold Deposits: Their Genesis, Geochemistry and Geology (SEG Workshop)	SEG Member R6000.00 Non - SEG Member R7000.00 SEG Student R3000.00 Non - SEG Student R3500.00	Saturday 27 & Sunday 28 August
WK13	Economic Geology 101 Short Course	SEG Member R3000.00 Non - SEG Member R4000.00 SEG Student R2000.00 Non - SEG Student R2500.00	Saturday 27 & Sunday 28 August
WK14	Understanding the role of groundwater in 21st Century	R3750.00	Sunday 28 August
WK15	Geochemical Reaction Modelling	R4900.00	Saturday 27 & Sunday 28 August
WK16	Trace Constituents in Coal: Occurrence, Emissions, and Environmental Impact	R2000.00	Sunday 28 August
WK18	An Introduction to Geologic Controls Critical to Coalbed Methane Production: Applying Analogous United States Experiences to Potentially Large Unconventional Gas Resources of Southern Africa	R3600.00	Sunday 28 August
WK19	The Geology and Geochemistry of Uranium and Thorium Deposits	R6600.00	Sunday 28 August
WK20	Iron Oxide Copper Gold (IOCG) and Iron Oxide Apatite (IOA) deposits: Mineralization, Alteration, and Exploration	R5800.00	Sunday 28 August
WK21	Artisinal Mining	TBA	Sunday 28 August
WK22	State-of-the-art Seismic Interpretation for Enhanced Mapping of Oil & Gas Reservoirs & Mineral Deposits	R3500.00	Sunday 28 August
WK23	AngloGoldAshanti Witwatersrand Core Workshop - 500Ma of Geological History	R3500.00	Friday 26 August
WK24	Remote Sensing for Mineral Exploration	R3100.00	Sunday 28 August
WK25	Tectonomagmatic Controls on Porphyry and Epithermal Mineralisation	R3800.00	Saturday 27 & Sunday 28 August
WK26	Real Geostatistics	R3000.00	Sunday 28 August
WK27	Working with Interoperable Geoscience Data	R800.00	Sunday 28 August
WK28	Vectoring to mineralisation using exploration geochemistry	R2400.00	Sunday 28 August
WK29	Bits of maths and stats for prospectively modelling	R1600.00	Saturday 27 August
WK30	Criteria for identifying contourite deposits	Delegate R4200.00 Student R2500.00	Saturday 27 August



EXHIBITION

BOOK YOUR STAND BY 30TH JUNE TO AVOID DISAPPOINTMENTS AS STANDS ARE SELLING OUT FAST!

Additional exhibiting opportunities. (The LOC reserves the right to place these exhibits and will confirm closer to the time with the final positioning).

- University poster stand (1.5m x 1.5m) - Free (Includes: pop up banner/ poster stand)
- University poster stand (1.5 x 3m) - ZAR R23 255 (Includes: pop up banner/ poster stand with one table and two chairs)
- African Geological Surveys poster stand (1.5m x 1.5m) - Free (Includes: pop up banner/ poster stand)
- African Geological Surveys poster stand (1.5 x 3m) - ZAR R23 255 (Includes: pop up banner/ poster stand with one table and two chairs)
- Core Shack poster stand (1.5m x 3m) - ZAR R23 255 (Includes: pop up banner/ poster stand with customised table)

All of the above packages exclude: furnishings, brochure stands or shell scheme, stand representative or delegate registrations.

To book: <https://allevents.eventsair.com/ExhibitionPortal/Account/Login?ReturnUrl=%2FExhibitionPortal%2F35igc%2Fexhibition>

CURRENT EXHIBITOR LIST: <http://www.35igc.org/Verzo/44/Exhibitors-Advertisers>

ACCOMMODATION OPEN

Please click here <http://www.35igc.org/Accommodation> to book your accommodation and tours before 16 August 2016.

We have negotiated preferential rates for conference delegates/exhibitors - all bookings have to be done via the Appointed Housing Agent (35th IGC Trust) to qualify for these reduced rates.

ACCOMMODATION RATES

Rates quoted are either Room Only or Bed & Breakfast – please check when making your selection. Rates quoted are per room, per night and include VAT @14% but excludes 1% tourism levy. Accommodation rates are only guaranteed for bookings with full prepayment. If you have any additional requirements, do not hesitate to contact us: 35igchousing@allevents.co.za

A limited number of rooms are available hence bookings are subject to availability and will be processed on a first come first served basis.

EVENT LOCATION

Cape Town International Convention Centre

ZONES	A	B	C	D	E	F	
COSTS	R 500 - R 1000	R 1000 - R 1500	R 1500 - R 2000	R 2000 - R 2500	R 2500 - R 3000	R 3000 - R 4000	R 4000 - R 5000

Adderley Hotel	(Zone D)	Protea Hotel Fire and Ice	(Zone E)
Canal Quays	(Zone C)	Protea Hotel North Wharf	(Zone A)
Cape Town Lodge	(Zone D)	Protea Hotel Victoria Junction	(Zone D)
Fountains Hotel	(Zone C)	Rockwell All Suite Hotel and Apartments	(Zone F)
Harbour Bridge Hotel	(Zone C)	Signal Hill Lodge	(Zone D)
Harbour Edge	(Zone D)	Southern Sun Cape Sun	(Zone D)
Hilton Inn Express Hotel	(Zone D)	Southern Sun The Cullinan	(Zone A)
Holiday Inn Town	(Zone D)	Southern Sun Waterfront	(Zone A)
Hollow on the Square	(Zone B)	Strand Tower Hotel	(Zone C)
Icon Self Catering Apartments	(Zone C)	SunSquare Cape Town	(Zone F)
Inn on the Square Hotel	(Zone C)	Tambour Hotel	(Zone D)
La Splendida Hotel	(Zone F)	The Capetonian	(Zone B)
Lagoon Beach Hotel	(Zone F)	The Commodore Hotel	(Zone F)
Long Street Boutique Hotel	(Zone D)	The New Tulbagh Hotel	(Zone B)
Mandela Rhodes Place	(Zone D)	The Portwood Hotel	(Zone E)
Park Inn	(Zone A)	The Westin Cape Town	(Zone A)
Protea Hotel Breakwater Lodge	(Zone E)	Tudor Hotel	(Zone C)
Protea Hotel Cape Castle	(Zone D)	V&A Hotel	(Zone E)

[Click here](#) to view the Accommodation Terms and Conditions.

ACCOMMODATION BOOKING ALTERNATIVE PORTALS

The 35th IGC Foundation and congress Local Organising Committee would like to remind you of the following alternative Booking Portals that are also available for booking accommodation in Cape Town. The 35th IGC Foundation has no relationship with these accommodation booking portals and delegates should exercise caution when conducting online transactions.

- [Cape Town Travel](#)
- [Cape Town Accommodation](#)
- [Where to Stay](#)
- [Backpackers](#)
- [Trip advisor](#)
- [Bookings.com](#)
- [Expedia](#)
- [Lonely Planet](#)
- [Airbnb](#)
- [Agoda](#)



REGISTRATION

Book <http://www.35igc.org/Verso/60/Registration> before **31 May 2016** to avoid Fee increase on 1 June 2016!

CATEGORY	EARLY BIRD	STANDARD	LATE / WALK IN
	2 NOV - 31 MAY 2016	01 JUN 2016	27 AUG 2016
Registered Student Young Earth Scientist (YES) member Pensioners >65	R6 500.00	R 8 000.00	R 9 000.00
Student Day Delegate	R2 500.00	R 3 000.00	R 3 500.00
Delegate	R10 000.00	R 11 000.00	R 13 500.00
Day Delegate	R3 750.00	R 4 250.00	R 4 250.00
Exhibitor staff	R5 000.00	R 5 000.00	R 5 000.00
Accompanying person	R2 500.00	R 2 500.00	R 2 500.00
Welcome reception guest ticket	R 500.00	R 500.00	R 500.00
Congress Dinner (optional at an additional rate)	R 1 300.00	R 1 300.00	R 1 300.00

Student: a person enrolled in a recognised tertiary course as a full time student, and who is not engaged in full time employment. A copy of a current student photo-ID card and a supporting letter from your Head of School or course supervisor confirming course and full time student status will be requested by the Secretariat.

Young Earth Scientist: a person who is under the age of 35 and is a registered member of the Young Earth Scientists Network.

FIELD TRIPS

BOOK AND PAY BEFORE 15 MAY AND YOU WILL GO INTO THE LUCKY DRAW TO WIN ZAR 20 000 OFF YOUR FIELD TRIP!

REGISTRATIONS ALREADY BOOKED AND PAID ARE ALSO ELIGIBLE.

Trip bookings <http://www.35igc.org/Verso/173/Field-Trips> and payment will close on **17 June 2016**.

UPDATE

- Pre 10** [Geology and Origin of a very large hot Orogen The High-T-Low-P Namqua Metamorphic Province](#)
- ExSA-Post7** [Tectonic And Metamorphic Evolution Of The Paleoproterozoic Eburnean Orogeny, West African Craton In North-West Ghana](#) **CANCELLED**
- ExSA-Post8** [Gold In Southwestern Ghana](#)
- ExSA-Post9** [Gold Deposits Of Loulo-Gounkoto, Mali](#)
- ODPost5** [YES Field Trip](#)

***All tours will operate subject to the required minimum number of registrants and on designated dates only. Terms and conditions:** <http://www.35igc.org/Uploads/Documents/tours/Extended>

TOURS

DAY TOURS

Tour bookings <http://www.35igc.org/Verso/216/Tours> and payment will close on **17 August 2016**.

OVERNIGHT LEISURE TOURS

Tour bookings <http://www.35igc.org/Verso/216/Tours> and payment will close on **17 August 2016**.

ACCOMPANYING PERSONS TOURS

Tour bookings <http://www.35igc.org/Verso/218/Accompanying-Persons> and payment will close on **17 August 2016**.

We have negotiated preferential rates for conference delegates/exhibitors - all bookings have to be done via the Appointed Tours Agent to qualify for these reduced rates.

Terms and conditions apply and each tour is subject to a minimum and maximum number of participants. Should the minimum number not book the tour will be cancelled and you refunded.

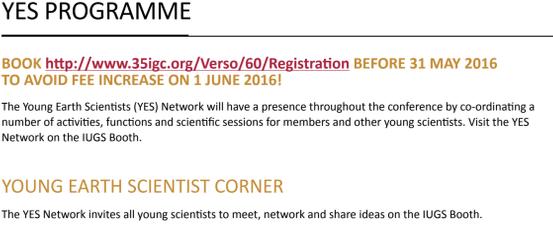
TAILOR-MADE TOURS

Travel to suit your specific needs. Contact vicky@intoafrica.co.za to discuss your travel needs. Bookings and payment will close on **17 August 2016**.

TRAVEL

Preferential rates for 35th IGC delegates/exhibitors have been negotiated on South African Airways during travel dates 5th August to 30th September 2016 and Emirates Airline during travel dates 22nd August 2016 to 9th September 2016.

On payment of your registration fees you will receive promotional codes for website booking. <http://www.35igc.org/Verso/60/Registration>



YES PROGRAMME

BOOK <http://www.35igc.org/Verso/60/Registration> BEFORE 31 MAY 2016 TO AVOID FEE INCREASE ON 1 JUNE 2016!

The Young Earth Scientists (YES) Network will have a presence throughout the conference by co-ordinating a number of activities, functions and scientific sessions for members and other young scientists. Visit the YES Network on the IUGS Booth.

YOUNG EARTH SCIENTIST CORNER

The YES Network invites all young scientists to meet, network and share ideas on the IUGS Booth.

YES NETWORK SOUVENIR

Delegates' whom register as a YES Network Member, will receive a ticket redeemable for a complimentary gift at the YES/IUGS Booth. The gift, an article of outdoor clothing will be kindly sponsored by KROUS (Earth Scientists). The gift is only available to YES members. All Young Earth Scientists are invited to become a YES member free of charge.

YOUNG EARTH SCIENTISTS PARTY

Date and Venue to be announced. This event is a gathering for YES Network members only supported by the YES Network, EAGE, IAMG and IGU.

ONE DAY GEOLOGY TOUR IN CAPE TOWN FOR YOUNG SCIENTISTS

Date to be announced. This one day tour of the Cape Town area will focus on the local geology.

BEST POSTER OF YOUNG EARTH SCIENTISTS AT 35TH IGC

YES Network and 35th IGC will be offering an award for the "Young Earth Scientists Best Poster at 35th IGC". The award will be announced during the Closing Ceremony. For more information please contact Chair: Carlos A. Console Gonella, INSUGEO, Argentina, (carlos_console@yahoo.com.ar).

YES OUTSTANDING YOUNG EARTH SCIENTIST AWARD

YES Network will also announce the recipient of "Outstanding Young Earth Scientists Award" during the Closing Ceremony.

YES SCIENTIFIC SESSIONS

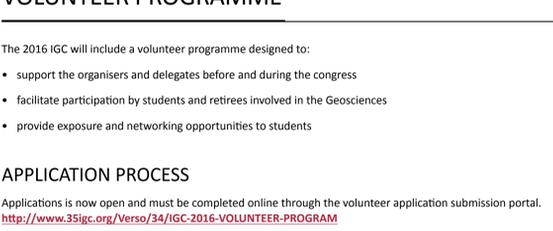
The YES Network has proposed the following sessions which have been incorporated into the scientific programme:

- Hydrological Insights of Groundwater along Silk Road: a YES Network initiative to understand the impact and strengthen the adaptability
- Field-Based Geoscience Education: A YES Network Comparison
- GeoEducation for Future Earth and Sustainable Development: International Forum for G20+ leading institutions of Earth Science
- Big Data, Big Sustainability: Climate Change Impact on Global Water Resources
- Interrelationship between Deformation and Metamorphism during Orogenesis
- Contributions of young Earth scientists to mathematical geoscience for resource strategic issues

GEO HOST

GeoHost applications are closed for 35th IGC. For those that applied, adjudication is currently underway and should be completed by the end of May 2016.

If you would like to adopt a GeoHost applicant. Purchase your brick or bricks today. <http://www.35igc.org/Verso/45/Sponsors>



STUDENT REGISTRATION SUPPORT

Post graduate researchers from Southern African Universities will, with submission and acceptance of an abstract, be eligible to possibly have their registration costs covered through sponsorship. Applications should have been made to bertussmith@geohost@gmail.com referencing, "The Southern African Post Graduate Fund".

The application should be accompanied by the accepted Abstract.

The success of the application is not guaranteed as funding is dependent on the amount of sponsorship received.

VOLUNTEER PROGRAMME

The 2016 IGC will include a volunteer programme designed to:

- support the organisers and delegates before and during the congress
- facilitate participation by students and retirees involved in the Geosciences
- provide exposure and networking opportunities to students

APPLICATION PROCESS

Applications is now open and must be completed online through the volunteer application submission portal. <http://www.35igc.org/Verso/34/IGC-2016-VOLUNTEER-PROGRAM>

Exxaro is one of the largest and JSE-listed black-owned, South Africa-based diversified resources companies, with current business interests in South Africa, Republic of the Congo and Australia, net assets of US\$2.2bn and a market capitalisation of US\$1bn as at 31 December 2015. Exxaro produces around 42 million tonnes of coal per annum, the majority for the national energy utility, Eskom, and the remainder for export and other domestic clients.

Minerals power much of the global economy and especially that of South Africa. The extraction of natural resources directly accounts for about 8.3% of the country's GDP and just over 30% of the country's merchandise exports. About 90% of South Africa's total electricity generation is derived from power stations fuelled by locally mined coal. Mining directly employs nearly half a million people and another half a million indirectly, accounting for 1 million of the 8 million people formally employed in South Africa. The industry returns billions of rands to the economy in operating costs, salaries and wages, capital expenditure, taxes, royalties, dividends and interest.

At Exxaro, we recognise that our business exists within the context of a society and has a contribution to make to the development of this society. We regard Exxaro as a tenant of its host communities, not the landlord, and a successful relationship with communities is fundamental to our business success and growth. We therefore balance a portfolio of social, environmental and economic growth objectives and manage these according to the six-capitals model within our sustainability framework.

About 3% of Exxaro's profit is spent on community initiatives with R300 million budgeted for social and labour projects in the 2015-2017 period. The need to find sustainable solutions is of critical importance in the journey towards strategic, integrated, impactful

socio-economic development and drives our transformation thinking even more so during the current global downturn.

Our strategy rests on five pillars:

- 1 We aim to demonstrate responsibility and accountability through engagement, legislative compliance, transparent reporting and diligent resource management in order to build inclusive wealth for all our stakeholders while aiming for an optimal footprint, limited and managed environmental impact and building an economically viable community that can sustain itself beyond the life of mine.
- 2 Exxaro aims to develop strong leadership and empowered employees to ensure a safe, healthy and skilled workforce.
- 3 We aspire for excellence in the way that we sweat our assets through productivity and efficiency improvements in order to increase the profitability of our operations and services.
- 4 We aim to deliver sustainable value and growth for shareholders through development and operation of a diversified portfolio of mining assets.
- 5 And finally, we aim to nurture a culture of innovation as the key to sustainability and competitiveness.

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GeochronEx

analytical services | geochronex.com

35TH IGC CONTACT INFORMATION

Invited parties interested in participating in this unique array of sponsorship opportunities, please contact

GENERAL ENQUIRIES: **Danie Barnardo**
barnardo@geoscience.org.za | phone +27 (0)12 841 1072 | mobile +27 (0)84 588 6668

SPONSORSHIP OPPORTUNITIES: **Mike Wuth**
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EXHIBITION ENQUIRIES: **Lesley Ferreira**
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REGISTRATION ENQUIRIES: **35th IGC Registration Team**
35IGC@allevents.co.za | phone +27 (0)21 910 1913

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