

NBI ON A CLEAR DAY 2018



On A Clear Day: Issue 652, 25 January 2018

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Please note that the NBI has moved to: 5th Floor, 61 Katherine Street, Dennehof, Sandton. Our telephone number remains: +27 11 544 6000.

INDUSTRY NEWS

WILL CORPORATE ACTION ON OCEAN PLASTIC MAKE AN IMPACT? 6 WAYS TO TELL Plastic in the ocean is reaching crisis proportions. It's found all over our ocean, inside fish and other creatures and among grains of salt, and in the deepest parts of the Marianas Trench to the surface of Arctic ice. While plastic has enabled environmental and societal advancements, it does not belong in our seas. *Emily Woqlom, GreenBiz, 25 January 2018.*

CLIMATE CHANGE AS SEEN FROM SPACE The French National Centre for Space Research recently presented two projects for monitoring greenhouse gas emissions (CO₂ and methane) using satellite sensors. [Rene Garelo, BizCommunity, 25 January 2018.](#)

RAMAPHOSA TO HOLD BILATERAL DISCUSSIONS WITH HEADS OF STATES Deputy President Cyril Ramaphosa will on Thursday hold bilateral discussions with the heads of government of the United Kingdom, Denmark and the Netherlands. [ENCA, 25 January 2018.](#)

CAPE TOWN HELD UP AS EXAMPLE OF CLIMATE CHANGE DISASTER AT WEF Cape Town and its desperate battle to avoid running out of water is a climate change disaster, the World Economic Forum (WEF) in Davos, Switzerland, has heard. [Engineering News, 25 January 2018.](#)

KOUGA DAM DOWN TO LAST With the Kouga Dam down to 7.7% of capacity on Wednesday, 24 January, a team will start testing water quality this weekend to help gauge any future contamination if fish start dying. The dam supplies water to Patensie, Hankey, Nelson Mandela Bay and farmers in the Gamtoos River Valley. [Guy Rogers, BizCommunity, 25 January 2018.](#)

RHINO POACHING UNDERMINES RURAL COMMUNITIES The ongoing rhino poaching challenge is not only spreading to other species but also impacting on rural people living around protected areas through exposure to organised crime syndicates. [WWF-SA 25 January 2018.](#)

HUGE LEVEL OF INTEREST IN RAMAPHOSA AT #WEF - BRAND SA CEO Cyril Ramaphosa's position as leader of the ruling African National Congress (ANC) in South Africa has been a magnet for investors and world leaders who are keen to hear his position on the country's future direction. [Safrika 24, 24 January 2018.](#)

GLOBAL UNEMPLOYMENT DOWN BUT WORKING POVERTY RAMPANT: UN The global unemployment rate is expected to tick down in 2018, the United Nations said Monday, 22 January, while warning that far too many workers still live in desperate poverty. [BizCommunity, 24 January 2018.](#)

GLOBAL CLIMATE CHANGE: RESPONDING TO EXTREME ENVIRONMENTAL RISK Flash floods, drought and famine are becoming a feature for many African countries. As the global climate changes, extreme weather events are proving more devastating and expensive. How can affected countries and communities mitigate risk and build long-term resilience? [CNBC Africa, 24 January 2018.](#)

DAVOS RECOGNISES SUSTAINABLE MOBILITY THROUGH E-VEHICLE INNOVATION In Davos, the host city of the World Economic Forum (WEF) annual meeting, fast charging for e-vehicles is becoming an integral part of the transport ecosystem. [ESI Africa, 24 January 2018.](#)

#DAYZERO MOVED UP TO 12 APRIL Due to a 1.4% drop in dam levels, Day Zero - the day the municipal water system to households will be switched off in Cape Town - has been moved up to 12 April. This is according to a statement released yesterday afternoon by executive deputy mayor for the City of Cape Town Ian Neilson. [BizCommunity, 24 January 2018.](#)

HOW MANY SOUTH AFRICANS COULD LOSE THEIR JOBS TO ROBOTS IN THE NEXT 7 YEARS – AND WHICH SKILLS ARE SAFER A new report published by the World Economic Forum casts a grim light on the future of jobs across the world,

with 1.4 million US jobs alone expected to be disrupted by technology and other factors between now and 2026. [Business Tech, 24 January 2018.](#)

WATER SCARCITY THREAT TO INDIA AND SOUTH AFRICA Water scarcity is now a real threat in two developing countries at the forefront of efforts to reduce climate change, India and South Africa. [Alex Kirby, Climate news Network, 23 January 2018.](#)

NBI IN THE NEWS/NBI NEWS

DAVOS AND THE WORLD ECONOMIC FORUM GLOBAL RISK REPORT FOR 2018 Read NBI's latest Quick Brief [here.](#)

THE NBI'S SOCIAL SUSTAINABILITY UNIT through the Pathways to Employability Programme, facilitates meaningful industry/college partnerships aimed at enhancing the responsiveness of TVET college curriculum to industry needs and increasing access of college graduates into the world of work. Against this backdrop, the NBI continues to implement structured placement programmes in the construction, engineering and hospitality sectors to demonstrate an approach and methodology for industry/college partnerships designed to producing work-ready youth in areas of innovation and where growth is anticipated. The following projects are planned for this quarter: A study on addressing systemic challenges in the skills pipeline for the manufacturing sector (in partnership with Department of Planning, Monitoring and Evaluation (DPME) and the Manufacturing Circle), an audit of youth employment initiatives driven by business: developing a framework to track and monitor employer investment in youth employability (in collaboration with BUSA); towards college reform: building a model of industry/TVET college partnerships that allows for scalability and sustainability, recognising the capacity and resource challenges in the colleges and current realities and constraints in the industrial sector, given current state of the economy (in partnership with Confederation of Danish Industry) and phase two of Lecturer Workplace Exposure in Tourism and Hospitality. Kindly contact [Cecil Macheke](#) for further details on the NBI's Social Sustainability Unit.

KOPANO YA METSI: Water remains a topical national issue in 2018. With the introduction of free education into the mix, the national budget does not look any better. Kopano ya Metsi, a project of the NBI in collaboration with the Confederation for Danish Industry and Voluntas Advisory, is working to resolve a better understanding into water infrastructure investment with a specific focus on Public Private Partnerships (PPPs). Launched in September 2017, the project aims to focus at a later stage on Waste Water Treatment Works and how PPPs could aid in solving the backlog and functionality challenges faced therein. The project approach is bottom up taking a stakeholder led approach in the form of roundtables and structured expert interviews with sector experts. The first roundtable for 2018 is scheduled for Johannesburg late in February. Please contact [Maanda Rashaka](#) for additional information.

NBI DROUGHT TASK FORCE continues to work on addressing the water crisis in the Western Cape, focusing on a range of areas affecting both the City of Cape Town and Western Cape as a whole. This occurs in the context of Day Zero being moved forward to 12 April 2018 and Cape Town residents now being asked to reduce their water consumption to 50 litres per person per day as from 1 February 2018. Companies from a range of sectors are working within the Task Force to reduce consumption, augment supply, and support Day Zero preparedness. The next Task Force meeting takes place in Cape Town at Sanlam on 25 January 2018. For more information on the **NBI Drought Task Force** please contact: [Alex McNamara](#)

NEWS UPDATE FROM THE UMHLATHUZE WATER STEWARDSHIP PARTNERSHIP (UWASP): A study tour is being arranged with the Department of Water and Sanitation (DWS) and agricultural industry partners to explore the monitoring and metering system and institutional arrangements in place in the Inkomati Usuthu catchment. This

supports investigations and collaboration for implementing a real-time operating Decision Support System (DSS) for the uMhlathuze river system. There is benefit to DWS' long-term management of the catchment and Goedertrouw Dam, the agricultural sector and downstream industry with water availability being more closely managed. DWS approval of in-house capacity development initiatives undertaken by UWASP will be secured. Interventions planned with the City of uMhlathuze will be formalised through a presentation to Exco and Council and subsequent signing of a MoU to progress with implementation of the community project and support for the enhanced management of the coastal lakes. Please contact [Michelle Hiestermann](#) for additional information on the UWASP.

NBI INTERNATIONAL PARTNERS

Bringing you news and the latest research from our international partners

CDP CDP in South Africa is a long-standing partnership between the London-based CDP and the NBI. They have built the most comprehensive collection of self-reported environmental information in the world. Over the past 15 years CDP has created a system that has resulted in unparalleled engagement on environmental issues. Read their latest article written by their CEO, Paul Simpson, entitled: "How 100% renewable electricity is fast becoming the new normal", [here](#).

UNGC CEO WATER MANDATE NBI partners with the CEO Water Mandate to encourage water stewardship in South Africa. Established by the UN Global Compact in 2007, and rooted in the belief that cross-sectoral collaboration on shared water goals is the most effective path to more sustainable water management, the CEO Water Mandate is a unique public-private initiative that mobilizes business leaders for water stewardship. Read their latest blog article entitled: "*Water Stewardship, New Year's Edition*", [here](#).

WE MEAN BUSINESS (WMB) NBI is the South African partner to WMB. WMB is a coalition of organizations working with thousands of the world's most influential businesses and investors to accelerate the transition to a low carbon economy. Read their latest blog article entitled: "*5 multinationals stepping up on climate action*", [here](#).

WORLD BUSINESS COUNCIL FOR SUSTAINABLE DEVELOPMENT (WBCSD) NBI is the global partner of the WBCSD in South Africa. Read their latest article just published entitled: "*The World Business Council and Boston Consulting Group release Implementation Guide to the Circular Economy*", [here](#).

NBI MEMBER COMPANY NEWS

PETER MOYO, CEO OLD MUTUAL EMERGING MARKETS, INTERVIEWED IN DAVOS Peter Moyo, CEO OMEM gives CNBC Africa an interview in Davos during the World Economic Forum. [Watch interview here](#).

PICK N PAY LONGMEADOW BENEFITS FROM COMPLETION OF SOLAR PV PROJECT The installation of a photovoltaic system for South African retailer Pick n Pay's Longmeadow distribution centre will be fully operational by the end of the month. [Engineering News, 25 January 2018](#).

DE BEERS IS DIGGING UP MORE DIAMONDS THAN ANY TIME SINCE 2008 De Beers mined more diamonds last year than any time since the global financial crisis of 2008. [Bloomberg, 25 January 2018](#).

BRIDGING THE LONG-DISTANCE GAP TO SUSTAINABLE TRANSPORTATION Truly clean electric mobility requires transmitting renewable electricity – no matter how far away the source. [ABB, 25 January 2018.](#)

SA CEOS OPTIMISTIC ABOUT PROSPECTS FOR GROWTH South African CEOs cautiously optimistic about their own company's prospects for growth in the next 12 months: PwC annual CEO survey. [Cover Publications, 24 January 2018.](#)

KING OF BEERS REVEALS RENEWABLE ELECTRICITY SYMBOL Budweiser is 100% committed to a brighter future. Today that commitment came to life with the announcement of a renewable electricity symbol that will indicate when a Budweiser beer is brewed with 100% renewable electricity. [AB InBev, 24 January 2018.](#)

'3 FOR 2' HELPS CLICKS GROW FESTIVE SEASON SALES Health and beauty retailer Clicks said in a trading update on Monday it has continued on a strong growth trend in the 20 weeks to mid-January 2018. [FIN24, 22 January 2018.](#)

ABB AND CITY OF DAVOS PAVE THE WAY TO SUSTAINABLE MOBILITY THROUGH E-VEHICLE INNOVATION ABB and City of Davos pave the way to sustainable mobility through e-vehicle innovation. [ABB, 22 January 2018.](#)

NEW YEAR'S HONOUR FOR CARBON TRUST CHIEF EXECUTIVE The Carbon Trust's Chief Executive, Tom Delay, has been awarded a CBE by the Queen for services to sustainability in business. [The Carbon Trust, 2 January 2018.](#)

NOTICES, REPORTS, OPINION AND SURVEYS

THE NATIONAL BUSINESS INITIATIVE (NBI) WOULD LIKE TO EXTEND OUR HEARTFELT CONGRATULATIONS TO GREENCAPE FOR MAKING SOUTH AFRICA PROUD AT THE WORLD ECONOMIC FORUM EVENT TAKING PLACE AT DAVOS, SWITZERLAND! One of GreenCape's programmes, the Western Cape Industrial Symbiosis Programme (WISP), achieved the runner-up award at the prestigious Circulars award 2018 in the Circular Economy: Public Sector category. The Circulars award, held on Monday, 22 January 2018, recognises outstanding global achievements to help attain a circular economy; whereby waste is actually seen as a resource and is re-used in another purpose, thereby creating tangible socio-economic and environmental benefits. GreenCape is a not-for-profit organisation established in 2010 by the Western Cape Government as a Special Purpose Vehicle to support the development of the green economy in the region. The WISP programme was the first industrial symbiosis programme (ISP) established in Africa, with funding from the Western Cape Government and the British High Commission. A free facilitation service bringing together companies in the same region to essentially exchange one's waste to be used as a resource for another company, its success has catalysed the development of similar programmes in other provinces such as Gauteng, KwaZulu-Natal and demonstration activities in the Eastern Cape. Over the last four years, WISP has diverted more than 27 200 tons of waste from landfill, generated R41.6 million in direct cash benefits for its members and created 140 jobs in the local economy. The NBI has been an active participant and partner in some of GreenCape's initiatives, and we are sure this award will lead onto even bigger and better achievements. [IOL Business, 23 January 2018.](#)

THE WORLD BUSINESS COUNCIL AND BOSTON CONSULTING GROUP RELEASE IMPLEMENTATION GUIDE TO THE CIRCULAR ECONOMY [Download here.](#)

WWF'S WEDNESDAY WATER FILE It's time to prepare for Day Zero. [WWF-SA, 17 January 2018.](#)

FOLLOW DAVOS LIVE ON [WEFLIFE.](#)

CDP: PREPARING TO DISCLOSE IN 2018 Ahead of the disclosure period you may wish to consider additional technical support from [CDP's Reporter Services program](#). Your dedicated account manager will ensure you have a comprehensive understanding of CDP's 2018 questionnaires and best practice in reporting and corporate environmental management. For more information, please contact: reporterservices@cdp.net.

WBCSD HAS RECENTLY PRODUCED THE CEO GUIDE TO CLIMATE-RELATED FINANCIAL DISCLOSURE [Access here.](#)

ECO-LOGIC AWARDS 2018 The Eco-Logic Awards identify individuals, organisations and communities that positively contribute towards a sustainable world and we encourage consumers to support them by purchasing their products and services. **Closing date is 31 January 2018.** Download the entry form [here.](#)

NBI EVENTS 2018

LAUNCH: SOUTH AFRICAN RISK AND VULNERABILITY ATLAS, 2ND EDITION on Wednesday, 21 February 2018 at the Rosebank Crowne Plaza Hotel. The Department of Science and Technology (DST), the Council for Scientific and Industrial Research (CSIR) and the National Business Initiative (NBI) are hosting a hardcopy launch of the 2nd Edition of the South African Risk and Vulnerability Atlas (SARVA). First published in 2012, the SARVA has been updated to reflect an enhanced knowledge of future climate change in South Africa and places greater emphasis on specific themes and case studies. The hard copy SARVA is complemented by an [online portal](#), managed by the South Africa Earth Observation Network (SAEON). Please click [here](#) if you wish to attend the launch.

WATER INFRASTRUCTURE FINANCING AND VALUE CHAIN OPPORTUNITIES ROUNDTABLE Tuesday, 27 February 2018. Details to follow.

THOUGHT LEADERSHIP SERIES: CARBON REGULATION IN SOUTH AFRICA on Thursday, 1 March 2018 for NBI Member Companies. Details to follow.

SOUTH AFRICAN EVENTS 2018

AWS INTERNATIONAL WATER STEWARDSHIP STANDARD TRAINING 30 January to 1 February 2018 in Durban. Professionals with corporate sustainability responsibilities, especially those related to water; Consultants wishing to prepare companies for AWS Standard certification and Conformity Assessment Body personnel should consider attending this. Please e-mail [Dr Mark Dent](#) for further details and/or to request an application form.

AFRICAN ENERGY INDABA 2018 20 February 2018 at the Sandton Convention Centre. The Africa Energy Indaba Conference is the definitive energy conference for Africa providing an annual programme that shapes energy policy for the African continent. Key issues that impact the African Energy Sector will be discussed and debated at the event, based on the outcomes of the 2018 Africa Energy Ministerial Roundtable. [Website.](#)

ECONOMIC OUTLOOK 2018: CONNECTING FOR GROWTH, INCLUSION AND PROSPERITY 20 February 2018 at GIBS, Illovo. The evidence that comes from the recent performance of the South African economy is deeply concerning. Since 2012, economic growth has steadily ratcheted lower and has sat below population growth for three years running. To add to this parlous state, at the end of 2016 and the start of 2017, economic growth went negative taking the South African economy into recession. Is 2018 likely to be more of the same or will economic growth pick up

moderately? Does consumer confidence and future investment hinge largely on the outcome of the ANC elective conference in December? [GIBS website](#).

UNIVERSITY OF CAMBRIDGE INSTITUTE FOR SUSTAINABILITY LEADERSHIP (CISL) SA: SUSTAINABILITY PRACTITIONER PROGRAMME 4 to 7 March 2018 at Diermersfontein, Cape Town. Inviting middle to senior managers to expose them to the latest global system pressures and trends that will have an impact on the future of their organisations. Participants will deepen their thinking with peers and will leave feeling empowered to convey to their executive/line managers the business logic of placing sustainability at the core of strategy. For more information click [here](#) or download the application form [here](#).

TRAINING PROGRAMME IN OCEAN GOVERNANCE FOR AFRICA 3 to 28 September 2018 at SANBI, Kirstenbosch, Cape Town. The IOI-SA will be running the annual course in Ocean Governance for Africa in collaboration with the South African International Maritime Institute (SAIMI), the South African National Biodiversity Institute (SANBI), and other partners in September 2018. E-mail your [application](#) by **13th April 2018** to: shampton@ioisa.org or Hampton.shannon@gmail.com. Please also refer to the [IOI-SA Web page](#) for further information and any updates.

INTERNATIONAL EVENTS, WORKSHOPS & WEBINARS 2018

WEBINAR: ADDRESSING RISKS & OPPORTUNITIES IN A CHANGING WORLD 22 January 2018 This event, co-convened by the Swiss Government and the Carbon Pricing Leadership Coalition (CPLC), will bring together business, financial sector and government leaders for an interactive set of discussions around these issues. Participants will learn about emerging models and tools that can be used to prepare for the future, and network with peers. The results from these dialogues will be carried to the discussions at the World Economic Forum's 2018 Annual Meeting in Davos. [Register here](#).

SDGS AND CLIMATE ACTION: CAN COMPANIES DELIVER ON THEIR COMMITMENTS 30 January 2018, Zurich, Switzerland. We have two years to change the trajectory of global emissions to have a chance to meet the Paris Agreement. Many initiatives are underway to influence corporate climate strategies to achieve this – from Science Based Targets, RE100, deforestation commitments to financing mechanisms like carbon credits or green bonds. But how do they fit together? [View details here](#).

SUSTAINABILITY REPORTING TRAINING: CDP 2018 CLIMATE CHANGE DISCLOSURE 30 January and 28 February 2018. The CDP 2018 Climate Change Disclosure Training is an 8-hour course on completing the 2018 Climate Change Questionnaire, due Summer 2018. Also, if your company was listed as a non-responder, received a poor score, or if you receive a CDP disclosure request for the first time in the coming months, KERAMIDA can work with you individually on a 2018 response strategy. For more information, contact [Pamela Griesemer](#).

CLIMATE LEADERSHIP CONFERENCE 28 February to 2 March 2018 Denver, USA. CDP is a proud supporting partner of the 2018 Climate Leadership Conference, hosted by the Centre for Climate and Energy Solutions and The Climate Registry. The CLC annually attracts over 400 sustainability thought leaders and decision makers, providing a platform to hear, learn from, and engage with senior professionals tackling climate change in their work. For queries, please email questions@climateleadershipconference.org.

WATER LOSS CONFERENCE AND EXHIBITION 2018 The IWA Water Loss Specialist Group, together with City Of Cape Town, will host the biennial Water Loss Conference and Exhibit from **7 to 9 May 2018 at the Century City Conference Centre and Hotel in Cape Town, South Africa**. The Water Loss Conference and Exhibition 2018 will be one of the

world's largest water loss conferences and is expected to attract over 500 participants from more than 50 countries. [Website.](#)

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In order to refine our communications with you, please subscribe to the following interest areas. We will then notify you of NBI publications and events relating to the relevant topic.

The NBI's two main focus areas are: Social and Economic Transformation

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