

Editors Column

Welcome to the third edition of our newsletter. In this issue we feature two articles on art and the environment. The first covers the innovative 'Own Your Rubbish Exhibition' currently running at the National Gallery of Zimbabwe. The second is art dedicated to World Environment Day, a painting entitled 'Trees and Rocks' by Anne J Wales depicting the beautiful natural environment as it was before the degradation that occurred.

We also have an important article on Social Accounting which is also referred to as Non-financial accounting and an interesting article on the effects of heat in South Africa due to climate change. Lastly but certainly not least, we include a call to schools to participate in the Tavatose Sisonke Schools Visual Art Exhibition 2016.

We welcome your comments and environmental contributions to the Editor on infor@blackcrystal.co.zw

Thank you and happy reading!



Black Crystal Consulting is one of Zimbabwe's leading reputable companies offering a quality service in environmental and socioeconomic consultancy services. Black Crystal Consulting believes in ***caring for the environment beyond today*** to ensure that biodiversity is maintained and that natural resources are not depleted for the next generation.

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Black Crystal Consulting has moved offices from number 1 Fairbairn Drive, Mount Pleasant, Harare to number 7 Fairbairn Drive, Mount Pleasant, Harare. Our numbers remain the same.

Own Your Rubbish Exhibition

The own your rubbish exhibition currently running at the National Gallery of Zimbabwe is both an example of what you can do by upcycling and reusing our rubbish

The exhibition runs from the 20th of May to the 20th of June and it is the initiative of photographer and creative director, Laurie Macpherson, who is working with the Zee-Bag Project, Shingirirai Trust, the Happy Organisation and the Hope Group, as well as 12 individual local artists using the 'medium' of rubbish and found objects.



The aims of the exhibition are to conscientise and educate the people about our personal responsibility to the rubbish we generate and improve attitudes and behavior regarding this important local and global environmental issue. To promote artists and crafts people by showcasing their

work and improving their skills, giving training on new product lines and giving them visibility and economic security.



Chair created using recycled soles from shoes

The European Union (EU) ambassador to Zimbabwe, Philippe Van Damme officially opened the exhibition and he explained that “not only does the Own Your Rubbish Project teach us how to protect the environment and how to use our skills to earn a living, it also passes an important message of individual and collective responsibility for our planet. Through art and taking a responsibility of our lives and everything consequential to our actions.”

The project is being funded by the European Union through the Culture Fund of Zimbabwe.

Source: <http://www.pachikoro.co.zw/event/owny-your-rubbish-exhibition/> see below for further photographs

Afromont Editorial May 2016 - Hot Stuff

Is your home town hotter than it used to be? Here is a website:

<http://www.nytimes.com/interactive/2016/02/19/us/2015-year-in-weather-temperature-precipitation.html#> where you can check for yourself. Using the website, I found out that in Johannesburg, where I live, the average annual

temperature during 2015 was 17.8°C and this was 1.5°C above normal. Temperature and precipitation data are provided by AccuWeather and the normal range of temperature is calculated by normalizing the weather from 1981 to 2010.

Pretoria, where I work at the University, the average annual temperature for 2015 was also 17.8°C and 1.5°C above normal. The average annual temperature for London for 2015 had an average of 11.9°C and this was 1.5°C above normal. Even Moscow, Russia, had an average annual temperature of 7.1°C which was 2.8°C above the normal annual average. We all know this was an ENSO year, so perhaps 2016 won't be quite so hot, but the trend of warming is there, inexorably creeping up on us.

The trees are taking strain

What I've noticed as a climate change effect in our suburb is that many of the street trees are dying. This may be because they are over sixty years old and are weakened anyway, or that something in the local conditions has changed. It looks like Johannesburg is becoming hotter and wetter with climate change – we all felt it. It was unbearably hot last year!

The tree species planted as pavement trees when Johannesburg was young (*Planus*, *Quercus*, *Salix*) are all northern hemisphere trees – perhaps not well adapted for an increasingly hot city. These trees are dying. They fall over across major roads, branches break off in storms, or they don't grow well and they generally look in very poor condition. You can see that they are diseased – and the City of Johannesburg has no tree pathologist and is unable to research the situation. Other exotic trees like the jacaranda, *Jacaranda mimosifolia*, are doing well. The jacaranda is a sub-tropical tree native to south-central South America that was widely planted elsewhere because of its beautiful and long-lasting blue flowers. Over the last 60 years or so, frost in winter resulted in infertile seeds with no recruitment of feral trees. In the last five years or so, this has changed. Small jacaranda trees are coming up everywhere!

a code of practice; typically much more difficult to create and implement than a “hard” standard e.g. for a screw).

- Standard - level of quality or attainment, something used as a measure, norm, or model, established means of what something should be.
- Protocol - a system of rules that explain the correct conduct.

In Zimbabwe if there is no SAZ standard ISO standards apply. A protocol is usually much more detailed than a standard and quite often is generated as a business. There is significant danger that the experience of multiplication of private standards in food safety will be replicated in this area, with many different private schemes mushrooming – outside the control of the multilateral trade and environment regime. It is important that a protocol is consistent and compatible with an international standard that is acceptable in Zimbabwe.

World Business Council for Sustainable Development /World Resources Institute Corporate Accounting and Reporting Standards are free off the internet and have been endorsed by International Standards Organisation - “ISO 14064 is consistent and compatible with the WRI/WBCSD GHG Protocol and they can be used as complementary tools.” www.ghgprotocol.org/standards/corporate-standard policy is a neutral Performance protocol on how to implement an auditable GHG inventory.

ISO 26000 is the international standard that has been adopted as the national standard which gives guidance as to what should be included in auditable non-financial accounts and “how to” ensure the accounts are auditable. ISO 26000 is a guidance standard which does not include an aspect of auditing and certification. But, if you use a protocol for guidance, auditing and certification make sure it is consistent and compatible with ISO 26000.

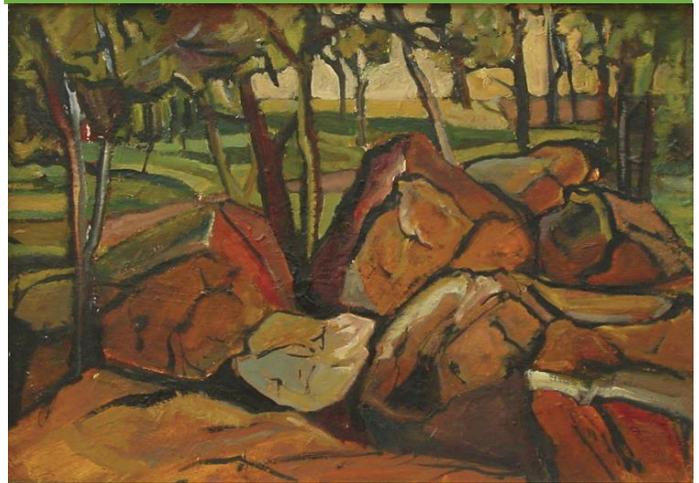
Two important aspects of ISO 26000 one must consider:-

1. Care for the environment is no longer a separate non-financial facet but is included in social responsibility.

2. Responsibility for “Wider sphere of influence”. This has a huge domino effect; e.g. your customer is responsible for your behaviour and in turn you are responsible for your supplier’s behaviour, so is your customer and so on.

Other than Carbon Footprinting which is made easy with the free tools from WBCSD/WRI, the next simple would seem to be waste management accounting. All waste management accounting requires is Inventory According To Best Environmental Option (World Bank Guidelines). As long as one understands the hierarchy of the 4Rs (Reduce, Re-use, Recycle, Recover) simply list the waste describing what you do with it now and then evaluate what can be done using the 4Rs in order of hierarchy (in other words Reduce is the first choice) on the basis of continuous improvement over time. Remember that the first two Rs at the top of the hierarchy, in other words your first choices, are in direct conflict with free market; if you reduce your consumption someone is going to lose your business and if you re-use rather than recycle that may not be good for business. The residual waste should be “disposed of in a safe and responsible manner”, again that can be according to a hierarchy – land fill is usually regarded as the last resort; uncontrolled dumping, which usually occurs, is not safe and responsible disposal.

Trees And Rocks By Anne J. Wales



The natural colours featured in the painting entitled 'Trees and Rocks' by Anne Wales, depicts nature, the Earth and its natural resources. The painting was chosen by the National Gallery of Zimbabwe to celebrate World

Environment Day which is held each year on the 5th June. It is one of the principal vehicles to stimulate worldwide awareness of the environment and enhance political attention and action.

World Environment Day is also celebrated to promote carbon neutrality by focusing on forest management, reducing greenhouse gasses, promoting bio-fuels by planting on degraded lands, encourage common public to use solar water heaters, energy production through solar sources, developing new drainage systems, promoting coral reefs and mangroves restoration in order to benefit from the coastal protection that they provide such as flooding and erosion.

The artist is showing the how beautiful the natural environment is before it is degraded with issues like deforestation and increasing climate change/global warming. Anne Wales encourages people to become involved and look after the environment for a prosperous future.

Source: National Gallery of Zimbabwe (Art of the week)

Photographs of the Own Your Rubbish Exhibition



A riot of colour produced by sewing plastic circles together



Lampshades made from recycled yogurt Pots



Recycled glass chandelier and wine bottles



A wall created from of weaved drinks cans



A curtain made from Plastic bottle bottoms



Ceiling fashioned from plastic bottles



Collaborative peice made from rubbish collected at the dump

Tavatose Sisonke Schools Visual Art Exhibition 2016

The Tavatose Sisonke Schools Visual Art Exhibition 2016 is running under the theme 'Waste no Waste, Waste is Treasure' which is an initiative by the National Gallery in partnership with Environmental Management Agency to create a platform for school children from across the ten provinces of Zimbabwe to lend their voices through visual art to the discourse of resolving the problem of waste management in towns and rural areas.



**EDUCATION
& PUBLIC
PROGRAMMES**
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Open Call.

National Gallery of Zimbabwe
Art exhibition 2016

**Tavatose Sisonke
Schools Annual Visual Art
Exhibition 2016**

Running under the Theme
"Waste no Waste, Waste is Treasure"

DEADLINE 10 JUNE 2016.
Please make sure artworks have artist name, age, grade/ form,
name of school, province, phone number and
email address where applicable.

Exhibition Running from
9 July - 8 August 2016

The exhibition aims to creating awareness for communities to develop proper methods of managing waste by recycling and greening the environment. Visit their website www.nationalgallery.co.zw and download the brochure with exhibition guidelines.

Thank You!!!