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A Quartely Publication

NEMA

NEWS

OCTOBER - DECEMBER 2016



Change of Guard at NEMA



National Environment Management Authority (NEMA)

Has finalized the National Solid Waste Management Strategy. This is a strategy on solid waste management that seeks to deliver the country from the Waste menace by demonstrating how waste is a resource!



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Strategic Corporate Objectives



To coordinate stakeholders and lead agencies in order to create synergy in management of the environment.



To ensure compliance with environmental legislation and policies in order to maintain a clean, healthy and sustainable environment.



To strengthen and develop institutional capacity for effective and efficient management of the environment.



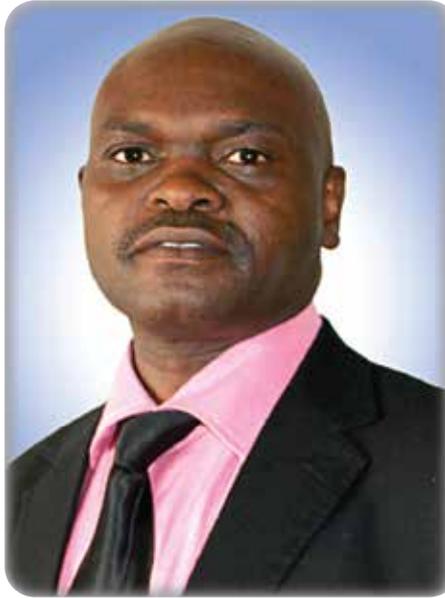
To build and nurture strategic partnerships, aimed at enhancing sustainable management of environment.



To enhance the use of communication as a tool to achieve the authority's performance objectives.

editor's note

OCTOBER - DECEMBER 2016



Authority focused on its mandate

It is exciting to produce another NEMA News edition, a quarterly magazine of the National Environment Management Authority (NEMA). This is my second editorial piece on the magazine since joining the Authority in July 2016. On the onset, I salute all who put their concerted efforts to produce information which is being communicated to our stakeholders, lead agencies and members of the public. This magazine provides information on the programmes and activities that the Authority has engaged in, as well as highlights of features on various environmental matters as reported within the second quarter.

In this edition we highlight the entry of Mr. John Konchellah, as the Chairman to the NEMA Board of Management. Consequently, the editorial team hails and recognizes the tremendous work performed by the outgoing Board Chairman, Mr. Maluki Mwendwa. The magazine also brings to you efforts

made by NEMA to create awareness on diverse green initiative and best practice on waste management through partnerships.

NEMA has continued to play her rightful role in the region and Africa at large in bringing together organizations in Africa involved in climate change funding. The magazine highlights how the Authority hosted consultative workshops on NIE and GCF accredited entities. Mention of Standard Gauge Railway project and what comes to play is the hue and cry from sections of the public led by certain so called environmental conservationists. In this edition, NEMA has demystified the SGR phenomena through a successful public hearing conducted in Narok. Efforts by NEMA in conserving the environment bore fruit when the Country received a CHM global award at a conference in Cancun, Mexico. This edition highlights how the Country through NEMA won the award for its outstanding provision of information on biological diversity through the Authority's website.

NEMA is coordinating various activities to ensure proper waste management. These include robust strategy implementation to save the deteriorating Athi River, surveillance across the country against unlicensed waste trucks and participation at the consumer summit and expo in Nairobi. Read on to find more information on the activities.

The Authority is utilizing various platforms to communicate the need to protect and conserve the environment. To this end NEMA participated at the Mazingira golf tournament in Nyeri, World Food day in Kilifi County, exhibited at KARA expo and ASK shows, held the All Africa NIE meeting in Nairobi; and also received recognition for GIS development.

Read about NEMA's strategy to deliver on her mandate by enhancing efficiency in service delivery and review of the 2013-2018 Strategic Plan. The objectives of reviewing the Strategic Plan included aligning the Plan to MTP II and sustainable Development goals, based on the balanced scorecard.

We are continuously striving to enhance the quality of our magazine and provide technical information in a simplified manner for all our readers to enjoy. I welcome you to read the articles herein to expand your knowledge on environmental matters. I welcome you to send your articles that can be considered for publication in the next edition. I also request that you send me your feedback on enyabuto@nema.go.ke on what you will like to read as well as comments on how we can improve our magazine.

Evans Nyabuto,
Chief Corporate
Communications Manager.

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DISCLAIMER

The views and opinions expressed herein are not necessarily those of NEMA but of individual writers. NEMA does not endorse or guarantee products in the Magazine.



NEMA board with the new chairman, Mr. John Konchellah (5TH R) at NEMA headquarters [PHOTO: S. IRUNGU/NEMA]

NEMA welcomes a new board chairman

By Samwel Irungu

The newly appointed NEMA board of management chairman, Mr. John Konchellah made his inaugural visit to NEMA headquarters on 2nd November 2016.

The chairman was welcome by the Director General Prof Geoffrey Wahungu who introduced him to the general operations of the Authority.

On 8th Nov, 2016, the new chairman also met the board of management at NEMA headquarters and assured the board of his support to ensure the Authority continues to implement its mandate.

Mr. Konchellah was appointed by President Uhuru Kenyatta as it appeared in the Kenya gazette on 28th October, 2016. He replaces the outgoing Chairman, Mr. Maluki Mwendwa who served the Authority since 2005.

Chair assures managers of his support

NEMA management held a meeting with the new board chairman, Mr. John Konchellah on 28th November, 2016 at NEMA boardroom.



Boardchairman, Mr. John Konchellah (5th L) with the NEMA management team at NEMA headquarters (PHOTO: F. MUSUNGU/NEMA)

“Continued next page”



Outgoing NEMA chairman, Mr. Maluki Mwendwa (cutting cake) shares a cake with other members [PHOTO: S. IRUNGU/NEMA]

My board will continue to support the Authority to ensure that it achieves its mandate in terms of policy direction and any other necessary support required,” Mr. Konchellah said when he met the management team at NEMA boardroom.



NEMA Chairman, Mr. John Konchellah chairing the management meeting during his visit at NEMA headquarters [PHOTO: S. IRUNGU/NEMA]

The meeting was aimed at briefing the board chair of NEMA services and operations. Departmental and sectional heads did a short presentation on the same. Mr. Konchellah urged the managers to be more proactive in their line of duty. He assured the managers of his support and that of the board of management in giving policy direction to ensure the Authority achieves its mandate.

{The writer is NEMA's corporate communications officer}

NEMA hosts stakeholders *Green Expo*

By Ferdinand Musungu

The National Environment Management Authority (NEMA) in collaboration with the County Government of Kilifi organised for a three-day green exposition at the Kilifi Green Point in Kilifi County. The expo which kicked off on 6th December, 2016 aimed at creating awareness on diverse green initiatives and best practices on waste management.

The event convened hundreds of participants and over ten exhibitors in green initiatives and waste management practices from within Kilifi County and Coast Region in general. Exhibitors showcased various initiatives including; agri-business and value addition, recycling, use of culture and indigenous knowledge in environmental conservation, individual's innovations among others.

NEMA officers also mounted a stand at the busy event where they got a chance to interact with the visitors. The officers used the opportunity to educate the participants on matters environment, with special emphasize on solid waste management and green initiative. The officers informed the visitors about various NEMA programmes on environmental conservation and waste management. Printed materials were also issued out to increase knowledge on environmental issues.



NEMA's Deputy Director Environmental Education and Information, Mr. Mamo Boru chairing the stakeholders meeting [PHOTO-A. MWANGI-NEMA]



Exhibitors explains to visitors about their products at Kilfi Green Point [PHOTO - F. MUSUNGU-NEMA]

Exhibitors from Watamu Marine Association (WMA) showcased various conservation and waste management initiatives.

This association which also hosts Watamu Solid Waste Management and Recycling programme, displayed their products that included; curtains, bags and decorations, all made from waste materials. The Solid Management and Recycling programme won the 2011 SEED awards. WMA runs various programmes in marine conservation and also promotes eco-tourism.

Kwetu Training Centre, which offers training to agri-business farmers among other programmes, taught visitors about sustainable livelihood options. The non-governmental organization representatives explained techniques that could be employed to boost farm yields.

Mida Creek Conservation Fishing and Awareness Group (MCCFAG) also displayed their organic farming techniques like the use of rabbit droppings and urine as fertilizer and pesticide respectively. The volunteer group also sensitizes fishermen against using wrong gauge nets and also takes part in regular beach cleaning activities and mangrove conservation.

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Customers visiting the NEMA stand [PHOTO-A. MWANGI-NEMA]

While Mombasa Briquettes Company exhibitor displayed his economical and long burning charcoal briquettes which are made out of waste charcoal dust or other organic waste materials, an award winning artisan Mr Rashid Mohammed was busy demonstrating to the visitors how his superb cooking stove (Jiko) works.

The jiko is designed to use fewer charcoal briquettes than the normal jiko and to the surprise of many, still generate enormous amounts of heat, arguably, than any other jiko.

Smile Africa which is a community-based organization, demonstrated how culture and indigenous knowledge can be used in environmental conservation. Their stand had artefacts made from mainly coconut husks. Coconut husks are said to have largely contributed to solid waste in coastal towns. The artefacts are made by local artists

some of whom are reformed drug abusers. The organization runs various programmes which helps the community especially the youth to make use of their talents and utilize available resource to earn a living. Smile Africa occasionally works with other stakeholders to carry out beach clean-up activities.

In a meeting with exhibitors, NEMA officials pledged to work with all stakeholders towards environmental conservation. Deputy Director of Environmental Education and Information, Mr Mamo Boru said that NEMA is committed to work closely with all stakeholders to ensure that the green initiative is adopted in every home. Mr Mamo also said that inflated population, poverty and pollution are major challenges that ails environmental conservation.

“Inflated population, poverty and pollution are major challenges that ails environmental conservation.”

Mr Mamo Boru
Deputy Director of Environmental Education and Information.

Exhibitors also urged NEMA to look into their concerns. The WRA chairman Mr Justin Kitsao called for partnership among exhibitor through such events to improve awareness and exposure. Jeremiah Simba of Semi-Arid Regions Environment Services challenged the Authority to lobby for a streamlined education curriculum which will integrate environmental conservation issues to the syllabus. Mr Simba also urged NEMA to assist green innovator in acquiring certification of their eco-friendly products from relevant Authorities.

{The writer is an intern at Corporate Communications Section}

NEMA sponsors Mazingira Golf Tournament

By Samwel Irungu & Ferdinand Musungu



NEMA Board member, Mr. Patrick Ngatia playing golf during the Mazingira tournament [PHOTO-A. MWANGI-NEMA]

The National Environment Management Authority (NEMA) participated in the Mazingira golf tournament at Nyeri golf club in support of waste management in the country on 8th October, 2016 in Nyeri County.

The tournament which was fully sponsored by the Authority, aimed at creating awareness on waste management among the golfers and spectators who participated in the tournament from various clubs.

The competition attracted over sixty golfers, mainly from Nyeri golf club and other neighbouring clubs including; Muthaiga, Nanyuki, Thika and Kiambu. Kieni MP

Hon. Kanini Kega and NEMA Director EEI & PP Dr. Ayub Macharia were among the participants in the competition which kicked off at 6:30 AM and ran throughout the day until evening.

Guest Winner prize went to Lydia Mokaya (34)-45 points, a member of Golf Park. The tournament winner was awarded to Angelo Nderi (10)-37 points, followed by Nick Ng'arua (17)-36 points, Charles Mwaniki (10)-36 points, Hon. Kanini Kega (12)-35 points in the second, third and fourth position respectively. Jeniffer Kariuki (29)-35 points clinched Lady Winner Award. NEMA's Dr. Ayub Macharia (24)-27 points was awarded Sponsor Winner of the tournament.

Speaking during the awarding ceremony, NEMA Board member, Mr Patrick Ngatia thanked the participant for the cooperation and the management of Nyeri Golf Club for allowing the successful event in the club.

Dr. Ayub Macharia said that NEMA will continue to partner with county governments and other stakeholders in achieving its objectives. Dr Macharia also told the gathering that NEMA was seeking partnership to mobilize its campaign as stipulated in the Sustainable Development Goals (SDG) number 17 which talks of partnership.

{The writer is an officer and an intern at Communications Section}



NEMA staff who attended the golf tournament [PHOTO-S. IRUNGU-NEMA]

Disputed Nyeri dumpsite to be relocated

By Ferdinand Musungu & Samwel Irungu



NEMA board member Mr. Patrick Ngatia speaking during the surveillance of Nyeri dumpsite [PHOTO: F. MUSUNGU/NEMA]

The National Environment Management Authority (NEMA) conducted an inspection of Nyeri town dumpsite at the Asian quarters on 7th October, 2016. The inspection was in line with the ongoing 100 days Rapid Results Initiative (RRI) on waste management.

During the inspection, Mr. Patrick Ngatia, Director Compliance and Enforcement, Mr. David Ongare and Dr. Macharia, led NEMA officials. Residents had complained of the unbearable stench and air pollution that has led to respiratory diseases to residents.

The locals were led by the Nyeri Town MP Esther Murugi who pleaded with the Authority to shut down the dumpsite. "We can't stay in the house sometime because of the stench that comes from the dumpsite," said Mrs Murage, who is also a resident of Asian quarters. "What we are asking is for the dumpsite to be relocated" she added.

Joseph Mwangi a resident said that there was no dumpsite in the area thirty years ago when he first came to Asian quarters. Mr Mwangi said that the stench grows stronger during the rainy season. "We have a lot of problems" Mwangi noted, "As we speak, most of us here are suffering from respiratory disease" He added.

In response, Mr Ngatia assured residents that the NEMA team was at the site to offer solutions. "We are not here to give stories, I promise this should be the last time we are talking about this matter" He remarked. Mr David Ong'are intimated that the roadmap of relocating the dumpsite was due to commence in two weeks' time. Ong'are told said that the dumpsite is expected to be closed after six months. He also urged members to be patient as the Authority together with the county government work towards solving the menace amicably.



NEMA Director Compliance and Enforcement, Mr. David Ongare during the surveillance exercise [PHOTO: A. MWANGI/NEMA]

We are not here to give stories, I promise this should be the last time we are talking about this matter."

Mr David Ong'are

NEMA officials also visited a quarry site in Muiga, Kieni constituency. Accompanied by their area MP Kanini Kega, residents of Muiga complained about the noise and dust pollution from the quarry. They claimed that they were not consulted and that the introduction of a crusher machines would be an environmental nightmare to the people who live a few metres from the site. NEMA promised to look into the matter.

{The writer is an officer and an intern at Communications Section}

NEMA hosts All African NIE meeting

By Sarah Muthoni

The National Environment Management Authority (NEMA) has continued to play her rightful role in the region and Africa in bringing together organisations in Africa that are involved in climate change funding.

The Authority held the second consultative workshop, in two years, of All Africa National Implementing Entities as well as Green Climate Fund (GCF) accredited entities.



The meeting in progress at Ole Sereni hotel in Nairobi [PHOTO-A. MWANGI-NEMA]

The objective of the expert workshop, held at Ole Sereni in Nairobi, was to bring together African institutions looking to access funding from the GCF to foster a platform of collaboration in accessing and managing climate finance. This workshop focused on the opportunities that African entities have, the challenges they face and ways in which they can support each other to accelerate climate finance access.

The workshop was opened by NEMA Director General Prof Geoffrey Wahungu. In his key note address, Prof Wahungu noted that there is need to strengthen Africa's response to the challenges of climate change, especially through programmes that will build resilience of communities, households and systems.

"There should, therefore, be deliberate efforts to discuss how Africa can achieve more resources from the multilateral funds, in this case, the Adaptation Fund and the Green Climate Fund" reiterated.

Prof Wahungu noted that the workshop was timely and relevant as it would enhance building of an African wide collaborative effort.

"The accredited institutions must work together towards faster proposal approval processes and building of the requisite capacity for implementing proposed and funded climate change actions", observed Prof Wahungu.

In his remarks, Prof. Wahungu acknowledged the capacity development support extended to NEMA by World Resources Institute (WRI)/UNEP/ UNDP under the readiness programme.

Having hosted the first all African NIE meeting in back in 2014 at Windsor Golf & Country Club, the Authority was glad to have a second opportunity to build on the knowledge gained then, and to provide important inputs into forging forward in accessing climate resources from multilateral bodies.

The Green Climate Fund is the new climate finance that African NIEs, Accredited Entities and those seeking accreditation should forge together to access.



L-R_ NEMA Director General Prof Geoffrey Wahungu, NEMA Director EEIPP, Dr. Ayub Macharia and Board member, Mr. Erastus Wahome during the meeting [PHOTO-A. MWANGI-NEMA]

The accredited institutions must work together towards faster proposal approval processes and building of the requisite capacity for implementing proposed and funded climate change actions",
Observed Prof Wahungu.

"Continued next page"



Participants group photo [PHOTO-A. MWANGI-NEMA]

The DG thanked the climate finance readiness providers for giving resources to enhance readiness and access by African countries.

The National Treasury which is the National Designated Authority (NDA) to the CGF in Kenya was represented at the workshop by Mr. Erastus Wahome, who is also a NEMA Board of Management Member.

In his remarks Mr Wahome informed participants that the National Treasury is on the forefront in ensuring that there is progress in enhancing access of climate finance from Multilateral funds.

“The GCF presents a great opportunity for Kenya to access climate finance and to enable the country to move away from ‘Business As Usual’ Development” said Mr Wahome.

The workshop, Mr Wahome noted, provided an opportunity for Kenya to carry out its development objectives with a climate lens. “The GCF will enable

Kenya to fulfil her obligations under the Paris Agreement” he reiterated.

The participants represented direct access entities accredited to the GCF and AE, entities that are seeking accreditation, and entities that are developing projects for submission to the GCF.

Participants were drawn from Morocco, Senegal, Ghana, Cape Verde, Seychelles, Uganda, Namibia, Zanzibar, South Africa, Benin, Madagascar, NETFUND, The National Treasury, which is Kenya’s National Designated Authority (NDA) and Green Climate Fund (GCF) Secretariat.

Climate Finance providers included AFDB, GIZ, WRI, CDKN, UNEP and UNDP. The funding for the workshop was from the German government and from the African Development Bank’s Africa Climate Change Fund (ACCF).

NEMA obtained accreditation as a National Implementing Entity (NIE) by the Adaptation Fund Board of UNFCCC IN March 2012. This accreditation gave NEMA the mandate to offer vetting, approval and supervision of projects financed by the Adaptation Fund. Later on, NEMA submitted the Kenya Climate Change Adaptation Programme (KCCAP) Proposal to the AF Board for its consideration. The Proposal was approved and NEMA received approximately Ksh.1 Billion for its implementation.

At the end of the workshop, the participants agreed to pursue to have a strong community of practice to assist in enhancing direct access of climate finances. Further, a concept paper will be presented during the Conference of Parties (COP)22 to be held in Marrakesh, Morocco in November 2016.

{The writer is an Environment officer at NEMA}

The GCF presents a great opportunity for Kenya to access climate finance and to enable the country to move away from ‘Business As Usual’ Development”

Mr. Erastus Wahome, NEMA Board of Management Member.

SGR Phase II Public Hearing

By Agnes Kamiri



Participants during the public hearing [PHOTO-A. KAMIRI-NEMA]

The public hearing for the second Phase of Standard Gauge Railways (SGR) project was held on 8th December, 2016 at Satellite area along Mai Mahiu in Nakuru County. The meeting was organized by the National Environment Management Authority (NEMA) as per the requirements in the Environmental Impact Assessment (EIA) process.

Prior to the public hearing, NEMA had organized for lead government agencies meeting at the DDOs office on 7th December, 2016, in Naivasha. The aim of the meeting was to give the agencies a chance to comment on the EIA report of the project.

During the public hearing, participants argued that SGR should not cut through the Nairobi National Park and therefore NEMA should consider the proposed route 8 and not route 4 as indicated in the EIA report. The conservationists, led by Tilau Ole Sukuda, said if the SGR passes through the park, it will impact negatively on the wildlife and their habitats. Mr Sukuda urged NEMA to reject the

report and not to issue a licence.

The other issue was that the communities affected were never consulted on their land hence they want to be compensated.

The affected communities through their leaders, also complained of dust from the Lorries collecting sand.

The community claimed that there was need for them to benefit from the employment and therefore should be the first to be considered.

At the end of the public hearing, it was evident that the communities affected have no problem with the SGR phase II but only need to be consulted and their compensation issues to be addressed. They also requested Kenya Railways Corporation (KRC) to give their youth priority in employment during the construction.

In his remarks, the KRC Managing Director Mr Atanas Maina assured the communities that they will work with the County government to ensure that the social needs are met. He also said that KRC will work together with the communities and agree on the Community Social Responsibility activities which can benefit the locals.

NEMA Director General Prof Geoffrey Wahungu said that the concerns raised will be addressed. He also said that NEMA is still consulting with stakeholders and other experts before making the final decision, dispelling rumours that the Authority had already illegally issued a license to the said project.

“We will work with the County government to ensure that the social needs are met, also KRC will work together with the communities and agree on the Community Social Responsibility activities which can benefit the locals.”

KRC Managing Director Mr Atanas Maina

Resident Call for fresh EIA for the SGR's Phase II

Residents of Empakasi, Oloosirkon, Kimuka, Kibiko, Nkoro and Suswa areas held peaceful demonstration to NEMA offices on Friday 2nd, December, 2016 protesting and urging NEMA not to issue an EIA licence to the 2nd phase of the SGR project.

The Community group under the Kenya Coalition for Wildlife Conservation and Management, was led by Ms. Sidney Quntai.

The Group concerns were that they were not adequately consulted and did not participate in any public hearing meeting on SGR 2 as alleged in the EIA report. The community therefore feels that the process was not open and transparent to all and therefore will not cede their land in favour of the project. The other concern is that there would be a negative impact on the wildlife and their habitats should the railway go through the Park.



The Standard Gauge Railway under construction



NEMA Director General, Prof Geoffrey Wahungu address leaders of some community members affected by SGR at his office [PHOTO-A. KAMIRI-NEMA]

The group had a meeting with the Director General who assured them that, due process will be followed and consultations are still on going, He assured them that NEMA will continue with consultations and will make the best decision that will be beneficial to all.

The DG informed the community that NEMA has not made any decision yet. Meanwhile, a public hearing has been scheduled to take place on Thursday, 8th December, 2016, at Satellite area, next to SGR campsite, along Mai Mahiu in Naivasha Sub-county. They were invited to attend the hearing and give their views on the proposed project.

Several conservationists and the civil society groups have submitted requests for a fresh environmental impact study to NEMA. They are urging the government to find an alternative route for the railway. The SGR phase II will traverse five counties namely; Nairobi, Kajiado, Kiambu, Nakuru and Narok.

{The writer is NEMA's Corporate Communications officer }

NEMA exhibits at Kara expo

By Ann Owino



Opening Ceremony at the Expo

The Kara Business Expo and Conference was organized by the Kenya Alliance of Resident Associations (KARA) in collaboration with its subsidiary Kara Consulting, with a goal of promoting business relations between service/product providers (both from public and private sector) and Kenya's Residents Association as well as the wider public.

The exhibitors had an opportunity to showcase their products, services and capacity to serve the market. The Expo was carried between 25th and 27th November 2016. In the Exhibition, NEMA was ably represented by the Department of Environmental Education, Information and Public Participation and NIE



NEMA booth at the Expo visited by the members of the public



Participants at the Expo being taken through the NEMA Mandate with special emphasis in waste management

The participants who thronged the NEMA stand were educated on various issues with a special emphasis in waste management. The resident Associations who were highly represented at the EXPO were given demonstrations on waste segregation, in the spirit of the 100 days RRI which had been launched on 16th August 2016.



Expo exhibitors explaining issues to the members of the public

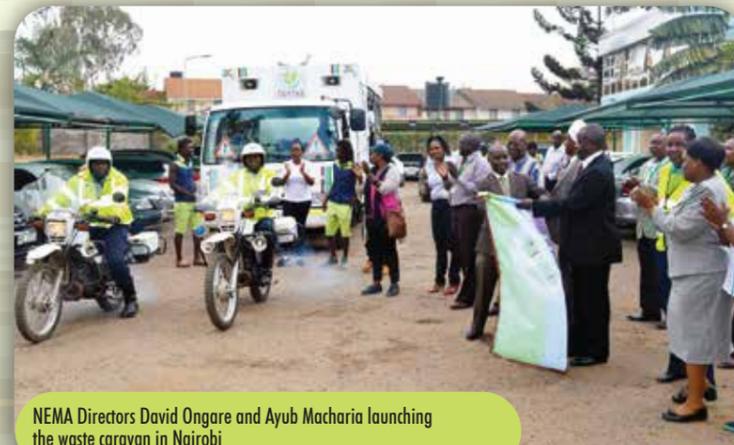
The three day Expo and conference was a good opportunity for NEMA to showcase her mandate, an opportunity that was fully exploited.



NEMA Board Chair, Mr. John Konchellah-2nd R, NEMA DG Prog Geoffrey Wahungu-R, Manager Communications Evans Nyabuto and Ms. Racheal Ratemo



NEMA Board of management bids farewell to former chair, Mr. Maluki Mwendwa (cutting cake) at NEMA boardroom



NEMA Directors David Ongare and Ayub Macharia launching the waste caravan in Nairobi



NEMA DG Prof Geoffrey Wahungu addressing protesters on SGR at NEMA Headquarters



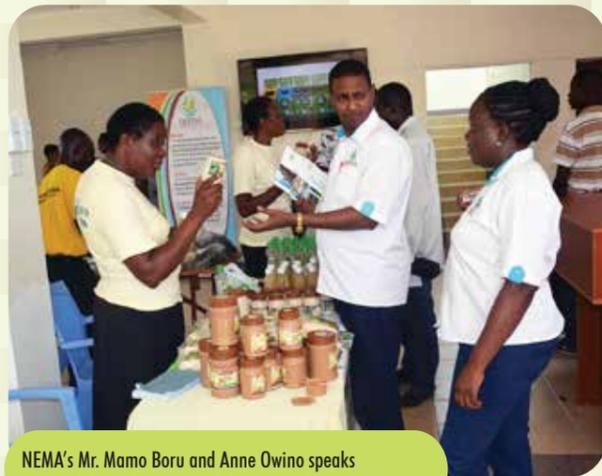
Ms. Maureen Njeri speaks to school children during the Nairobi ASK show



NEMA's Deputy Director Coastal Marine chairs a wetlands preparation meeting at NEMA HQ.



NEMA officers during the golf tournament at Nyeri golf club



NEMA's Mr. Mamo Boru and Anne Owino speaking to an exhibitor during an exhibition in Kilifi



NEMA Board Member, Mr. Patrick Ngatia speaking during inspection of Nyeri dumps



NEMA, partners during WWD 2017 preparation meeting at NEMA Headquarters



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The Strategy creates wealth from waste, employment and at the same time reducing pollution to the environment.

Visit our website today and see how this is real! www.nema.go.ke

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Call for GCF proposals

By Wangare Kirumba

The National Environment Management Authority (NEMA) has called for proposals for Green Climate Funding (GCF).

The call follows NEMA's accreditation by the Green Climate Fund as one of the Kenya entities that will be recipients of funding from GCF based on submitted funding proposals.

In March 2016, NEMA joined a respected global list of 33 institutions accredited by the Green Climate Fund (GCF). This was after nomination by the National Treasury to pursue accreditation with Green Climate Fund, following NEMA's successful accreditation and subsequent securing of funds with Adaptation Fund Board as the country's National Implementing Entity for the Fund.

NEMA calls for proposals from interested applicants to target funding from the United Nations Framework Convention on Climate Change Green Climate Fund (GCF).

GCF has eight result areas that have been targeted because of their potential to deliver a substantial impact on mitigation and adaptation. The eight results areas cover mitigation and adaptation and provide the reference points that will guide the Fund and its stakeholders to ensure a strategic approach when developing programmes and projects.



L-R_NIE coordinator Ms. Wangare Kirumba takes PS, Department of Natural Resources Dr. Margaret Mwakima, Laikipia Governor, H.E. Joshua Irungu and other dignitaries through AF and GCF programmes during World Environment Day 2016 at Nanyuki, Laikipia County [PHOTO: MARY AMONDO: NEMA]

According to NEMA DG Prof. Geoffrey Wahungu, NEMA has placed itself strategically to become an effective force of positive influence into climate change governance at global, regional and national levels.

NEMA is also the national implementing entity for Adaptation Fund project pipeline in Kenya. Following the GCF accreditation, NEMA has become the first government institution in Kenya, accredited to have direct access for GCF funding of up to USD 10 million.

The Fund is a unique global initiative to respond to climate change by investing into low-emission and climate-resilient development. The deadline for submission of proposals was 30th November, 2016.

ABOUT THE GREEN CLIMATE FUND

The Green Climate Fund was established by the Conference of Parties to the UNFCCC in 2010 to respond to climate change by investing into low-emission and climate-resilient development. This Fund provides support/funds to developing countries to limit or reduce their greenhouse gas emissions and to adapt to the impacts of climate change, taking into account the needs of those developing countries particularly vulnerable to the adverse effects of climate change.

Given the urgency and seriousness of the challenge, the Fund is mandated to make an ambitious contribution to the united global response to climate change. GCF is recognized as the key finance mechanism in the recently signed Paris Agreement.

Administratively, GCF is a legally independent institution with a fully independent secretariat headed by an Executive Secretary whose operations are based in Songdo Korea. The World Bank serves as the interim trustee of the GCF, and the Fund functions under the guidance of and remains accountable to the UNFCCC Conference of Parties.

GCF is accountable to the United Nations. It is guided by the principles and provisions of the UN Framework Convention on Climate Change (UNFCCC). It is governed by a Board of 24 members, comprising an equal number of members from developing and developed countries.

GREEN CLIMATE FUND INVESTMENT FRAMEWORK/-CRITERIA

The Fund seeks to ensure that its investments drive a paradigm shift towards low emissions and climate resilience. To actualize this, the fund has six investment criteria as follows

1. Climate impact potential

Potential to achieve the GCF's objectives and results to shift towards low emission and climate resilient economic development

2. Paradigm shift potential

Potential to catalyze impact beyond a one-off project or programme investment

3. Sustainable development potential

Potential to provide wider development co-benefits

4. Needs of recipient

Vulnerability to climate change and financing needs of the recipients

"Continued next page"

5. Country ownership

Beneficiary country ownership of project or programme and capacity to implement the proposed activities

6. Effectiveness and efficiency

Economic and financial soundness and effectiveness of the proposed activities

GREEN CLIMATE FUND'S RESULT AREAS

GCF has eight results areas that have been targeted because of their potential to deliver a substantial impact on mitigation and adaptation. The eight results areas cover both mitigation and adaptation and provide the reference points that will guide the Fund and its stakeholders to ensure a strategic approach when developing programmes and projects, while respecting the needs and priorities of individual countries. These are

Under Mitigation;

1. Energy access and power generation

E.g. on-grid, micro-grid or off-grid solar, wind, geothermal.

2. Low emission transport

E.g. high-speed rail, rapid bus system, etc.

3. Buildings, cities, industries and appliances

E.g. new and retrofitted energy-efficient buildings, energy-efficient equipment for companies and supply chain management, etc.

4. Forestry and land use

E.g. forest conservation and management, agroforestry, agricultural irrigation, water treatment and management, etc.

Under Adaptation:

1. Most vulnerable people and communities

E.g. mitigation of operational risk associated with climate change – diversification of supply sources and supply chain management, relocation of manufacturing facilities and warehouses, etc.

2. Health and well-being, and food and water security

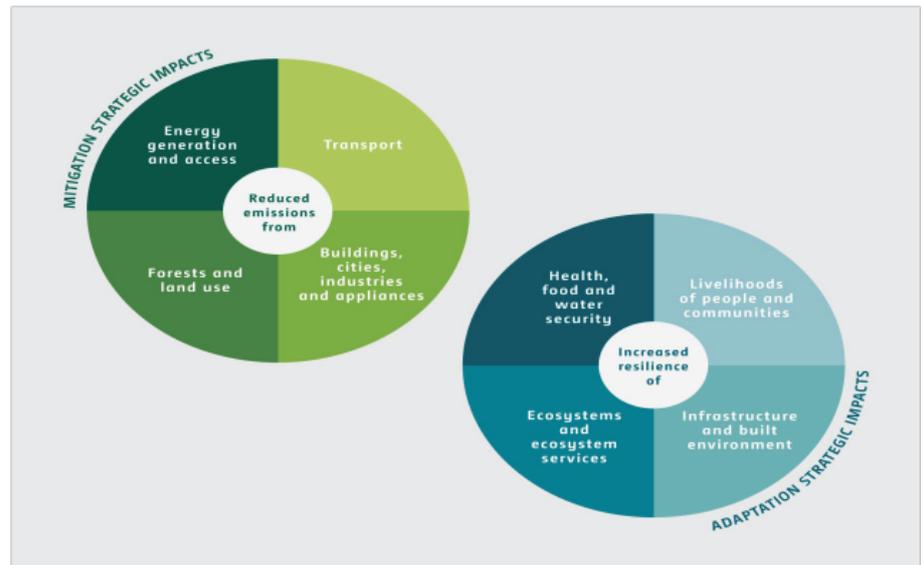
E.g. climate-resilient crops, efficient irrigation systems, etc.

3. Infrastructure and built environment

E.g. sea walls, resilient road networks, etc.

4. Ecosystems and ecosystem services

E.g. ecosystem conservation and management, ecotourism, etc.



BENEFITS OF GCF ACCREDITATION TO THE COUNTRY

Kenya has made great strides in dealing with climate change by coming up with policies and strategies to cushion its people against adverse impacts associated with climate change. It is now among the first nine countries globally to benefit from Adaptation Fund through Direct Access.

The work of NEMA being the NIE for Adaptation fund in supporting a national programme designed to respond to effects of climate change in 14 counties received a major boost with the announcement that the Authority has been accredited by the United Nations' Green Climate Fund (GCF).

The accreditation allows access to climate change financing programs that will provide many opportunities for Kenya. For instance, unlike Adaptation Fund, GCF is meant for mitigation of climate change effects while also creating resilience. It will therefore assist Kenyans deal with the root cause of these effects as well as covering a larger scope.

GCF has a readiness facility which is dedicated to maximizing the effectiveness of the Fund by strengthening National Designated Authority (NDA). The rationale for this funding is so that developing countries are able to effectively access and deploy resources from the Green Climate Fund and enhance country ownership.

GCF offers project preparatory support up to USD 1 Million per calendar year to interested countries. This money can be applied for upon submission of a concept note. NDA have the responsibility to give guidance on which projects should be developed under this facility.

Some of the areas in which Kenyans are likely to benefit from through the fund are: reduction of the effects of climate change (desertification, global warming unpredictable rainfall patterns, storms, floods); sustainable development; promotion of environmentally friendly technologies i.e. agriculture, industries; poverty reduction; greater awareness on climate change; greater involvement of Kenyans in climate change activities; shift towards green economy; raising the Kenyan portfolio in climate financing globally and access to more funds.

{The writer is NEMA's NIE Coordinator & Corporate Communications officer respectively}

Robust strategy to save Athi River

By Fredrick Nambisia

The National Environment Management Authority (NEMA) is implementing a strategy which aims at preventing and controlling pollution in a bid to save the deteriorating Athi River, whose waters, residents claim is unsafe for use.

Ag. Deputy Director of Field Operation Mr Robert Orina said the Authority has already launched Athi Sabaki River Pollution Prevention and Control Strategy that aims at preventing pollution of Athi Sabaki system. The NEMA official was speaking when he led other government officials during a fact finding inspection on pollution of Athi River on 18th November 2016 in Machakos County.

Mr Orina indicated that the pollution of the river was due to dumping of solid and sewerage waste from slums and factories from Nairobi and Kiambu Counties. He was accompanied by Members of the National Assembly Committee on Environment, Water and Natural Resource, Water Resource Management Authority (WRMA) officers, officers from the Ministry of Environment and public Administration.



Mwala MP Hon. Vincent Musyoka, Mr Robert Orina from NEMA, Ugunja MP Hon. Opiyo Wandayi and Kitui East MP Hon. Marcus Mutua Muluvi during a press briefing.



Some of the solid waste collected in Athi River

This inspection comes after the Committee received a petition from Yatta constituents about pollution of Athi River. The area MP Hon. Francis Mwangangi who is also a member of the committee said that the visit was meant to establish facts about the reported menace and offer a solution.

The team made a stop at Kabaa on Athi River bridge. The river water at this location was green in colour and carried a lot of solid waste including hospital waste and domestic waste. Richard and Abedi, local farmers who use the river water, complained of the waste found in the river.

“The Athi River water is currently unfit for human consumption and any other related human activities like bathing and irrigation. The pollution was occasioned by upstream discharge of waste water after the bursting of the main trunk line of Nairobi sewer line.” Mr. Robert Orina stated

The officials also visited Katangi where the locals asked the government officials present to help prevent pollution of river because it is their only source of water. The representatives of the locals detailed effects of the polluted water which included various diseases for domestic users and drying of crops when the community used the water for irrigation purposes.

Director of Administration, Ministry of Environment Mrs Chepkonga promised the locals and Members of Parliament that NEMA and other lead agencies will take action on polluters in order to prevent pollution. Furthermore, the Committee indicated that it will call upon NEMA officials and other lead agencies to find a long-lasting solution.

{The writer is an Environment Officer from Machakos County}

Kenya feted at CHM Global Awards

By Joseph Masinde



A section of Kenyan delegation pose for a photo. [PHOTO: Courtesy]

Kenya was awarded a Bronze Medal for the outstanding and most significant progress made in the establishment and development of her national Clearing-House Mechanism (CHM). The highly regarded Global Award was presented during a ceremony held on 9th December, 2016 at the margins of Conference of Parties (COP 13) on Convention Biological Diversity in Cancun Mexico.

The country won the award for its outstanding provision of information on biological diversity to the world through the National Environment Management Authority (NEMA) website. NEMA operates a portal on its website, providing information, status and trends of biodiversity.



Joseph Masinde receiving the award at the ceremony. [PHOTO: Courtesy]

NEMA is the designated national CHM body and the contact person is the Director General Prof Geoffrey Wahungu, with Mr Joseph Masinde from the Environmental Education, Information & Public Participation (EEI&PP) department as the Desk officer. NEMA established her National CHM website in 2015 with the support from the Global Environment Facility (GEF) through the United Nations Environment Programme (UNEP) Medium-size Project under GEF-4.



NEMA DG Prof Geoffrey Wahungu (2nd L) receiving the trophy from the NEMA team which represented the country in Cancun, Mexico. [PHOTO: Agnes Kamiri/ NEMA]

On 20th December, 2016, the Director General formally received the Award in his office. The bronze medal was presented to him by Joseph Masinde, Joyce Imende and Wilson Busienei, the NEMA team that represented the country in the convention.

{The writer is NEMA's Environmental information officer}

Streamlining PWDs' environment in built structures

By Erick Ngondi



Participants pose for a group photo at the forum. [PHOTO: Courtesy]

The National Environment Management Authority (NEMA) joined other stakeholders in Accessible Built Environment Forum for Persons With Disabilities (PWDs) held from 27th to 28th November, 2016. The forum was organized by National Council for Persons With Disabilities (NCPWD).

The forum, with key players in the Transport, Infrastructure, Housing and Urban Development, was held in line with NCPWD's mandate of mainstreaming needs, concerns and aspirations and raising awareness through sensitization and trainings. The event was aimed at assisting institutions in developing disability related policies and programmes, as well as carrying out accessibility audits on built environment for PWDs.

The purpose of the partnership meeting was to discuss on the modalities in developing the roadmap to incorporate disability concerns in the various sectors. This is in accordance to Article 54 of the Constitution on Rights for Persons with Disabilities especially on accessibility of built environment i.e. Buildings (Houses), Roads, Transport Systems-rail, Sea and Air.

Bodies such as Engineers Registration Board of Kenya (EBK) and Architectural Society of Kenya were challenged to ensure all disability concerns are mainstreamed in all their designs. Transport authorities and corporations were also tasked with the responsibility of ensuring disability friendliness in all their facilities.

Agencies with monitoring and enforcement capabilities such as NEMA, National Construction Authority and National Housing Corporation were challenged to ensure a disability component on their checklists. NEMA's EIA/ESIA licensing conditions were among areas which needed to be improve. The physical planning department at county governments was implored to only approve those infrastructures which are inclusive.

{The writer is NEMA's Environment Officer}

Authority enforces compliance on waste management

By Ferdinand Musungu

Waste management is becoming a menace mostly in urban areas of our country. When walking in some towns especially in cities, it is almost obvious to see waste deposited along the streets. More often you will bump into stinking heavy loaded trucks ferrying heaps of garbage from one point to another.

Although waste management is among functions that were devolved to county governments under the new constitutional dispensation, the National Environment Management Authority (NEMA) has been working closely with all the 47 County government to address issues.

In this regard, NEMA conducted an inspection on trucks transporting waste in Nairobi on 31st October, 2016. The exercise was as part of the ongoing



100-days Rapid Results Initiative on waste management which was launched in August this year.

The objective of the inspection was to foster compliance with the waste management regulations. The exercise was also meant to create awareness on compliance issues and also issue orders to those who do not have licenses and summoning them for corrective actions.

The inspection was carried out in parts of Industrial area around Komongo Waste Paper Limited, Falcon Road and in Kayole estate.

Improvement orders were issued in places where need was identified. Those without licenses were arrested and those with few compliance issues were given a chance to update their papers.

It could have been better if there was a license that covers a fleet of waste-transporting trucks of a company. Paying Sh. 8,000 license fee for every truck is unfair and unmanageable for us because we have so many trucks”

A Truck Driver

In the process, NEMA officers with the support of the NEMA police unit, arrested one truck belonging to a company amid protests from managers who claimed the ambush was unwarranted and demanded more time to comply with the regulation.

One of the employees who sought anonymity decried the Authority’s move to storm the facility which he claimed is a long-time partner with NEMA in waste management. “It could have been better if there was a license that covers a fleet of waste-transporting trucks of a company,” he said. “Paying Sh. 8,000 license fee for every truck is unfair and unmanageable for us because we have so many trucks,” he added.

The exercise established that despite the high compliance level by most of trucks transporting waste, more need to be done to improve the situation.

[The writer is an intern at Communications Section]

NEMA shines at Nairobi Trade Fair

By Betty Nzioka & Samwel Irungu



NEMA officers attend to visitors at the NEMA stand during the ASK show
[PHOTO: A. MWANGI/ NEMA]

The Nairobi International Trade Fair opened its doors on 3rd October 2016 ushering in a weeklong fun fare and exhibitions galore.

Exhibitors from far and wide took positions at the Trade Fair to showcase their products, technologies and best practices across all sectors. The show was officially opened by H.E President Uhuru Kenyatta on Wednesday 5th October, 2016.

NEMA was among the renowned exhibitors including giant corporates. The Authority took her rightful position on the areas of Environmental Management. The Authority was prominent, visible and had firm grip on the minds of all that came in contact with either of her two facilities namely, the NEMA Gate and NEMA Stand within the show ground.

Just like previous years, the NEMA branded gate stood out. It marked the first impression and adjoining wall space as commonly referred to in the ASK classification as Gate C.

In addition, NEMA also landscaped the outer side of the gate giving it a complete face lift and a professional and business-like look. On the 50 metres adjoining wall space, key messages were communicated to the public including, NEMA Vision, Mission, core Values and the Licensing Regime. The branding immensely elevated the level of awareness and corporate image of the Authority to higher heights in the public.

Equally impressive was the NEMA Stand inside the show ground. Situated at a prominent junction between the Kenya Power and KTDA stands, the NEMA Stand stood among other stands in the show.

The NEMA Stand was a favourite must-visit and hence had was steadily streaming with diverse clients including, schools and colleges, entrepreneurs, government officials, private sectors and the general public all seeking to get that clarification on environmental issues.

As it has been the practice, NEMA opened its doors to key stakeholders to showcase best practices in environmental management. Some of the stakeholders included; Sintmond Group-recycles used bulbs, Nyar Gwanda creations, Kyumulendu primary school-creates briquettes from waste papers, Fkotech limited-recycling papers to create hardboards, Ecosave-creates cooking gas from biogas among others.

M& E takes part at Nairobi trade fair

The Monitoring and Evaluation (M&E) Unit took part in the NEMA exhibitions at the just concluded Nairobi International Trade Fair.

The Unit administered a questionnaire to assess the level of public awareness on environmental issues and establish whether the NEMA stand, quality of exhibitions and information met the expectations of the public. The questionnaire is among the first M&E Tools developed by the Unit application during the ASK shows whose timeframe is determined by the ASK Management.

Through this questionnaire, the Unit sought to establish whether the stakeholders were visiting the NEMA stand for the first time or repeat clients.



Deputy Director M & E, Mrs Betty Nzioka speaking to a visitor at NEMA stand
[PHOTO: COURTESY]

The exhibitions represent the mandate of the Authority across all departments showcasing different programmes and projects that the Authority has been undertaking.”

Through the interaction with the stakeholders, the Unit also managed to document environmental concerns reported by individuals or corporates that require immediate action and follow-up by NEMA. The M & E Unit continues to embrace fair assessments with full consultation of the host departments and the Authority at large.

The Unit was established in May 2016 and has made steady progress in putting in place basic operational structures. With the potential programmes and activities to be evaluated now documented, the Unit is rearing to go as it formulates the prerequisite M&E Tools.

{The writer is NEMA’s Deputy Director M & E & Corporate Communications officer}

NEMA sponsors inaugural consumer summit and expo

By Ferdinand Musungu



PS State Department of Trade Dr Chris Kiptoo (3rd L) makes his way to the NEMA stand. With him is COFEK Secretary General Stephen Mutoro (2nd L) and a NEMA officer. [PHOTO: Wageci Mwangi/NEMA]

The first ever Kenya Consumer Summit and Expo (KECOSE) was held from 14th to 16th December, 2016 at the Railways Club in Nairobi. NEMA was among the key sponsors of the event which was organised by Consumer Federation of Kenya (COFEK).

KECOSE brought together manufacturers, suppliers, retailers and service providers from both private and public sectors who learnt from the consumers through discussions on matters of common interest. Key partners included; NEMA, Radio Africa Group, Communication Authority of Kenya, Competition Authority of Kenya, Nairobi City Water and Sewerage Company among others.

The event kicked off with the official opening remarks by the Principal Secretary, State Department of Trade Dr Chris Kiptoo. A plenary session followed thereafter where participants engaged in roundtable discussions on issues, ideas and the way forward.

The KECOSE sponsors and other stakeholders mounted stands to exhibit their products. NEMA officers used the opportunity to educate participants on waste management among other environment matters. Printed materials were also issued out to increase knowledge on environmental issues.

NEMA Director EEIPP Dr Ayub Macharia delivered a presentation on behalf of the Director General NEMA. The presentation focused on Score-Card on Devolution of Environmental Management, Governance and Stakeholders Participation.



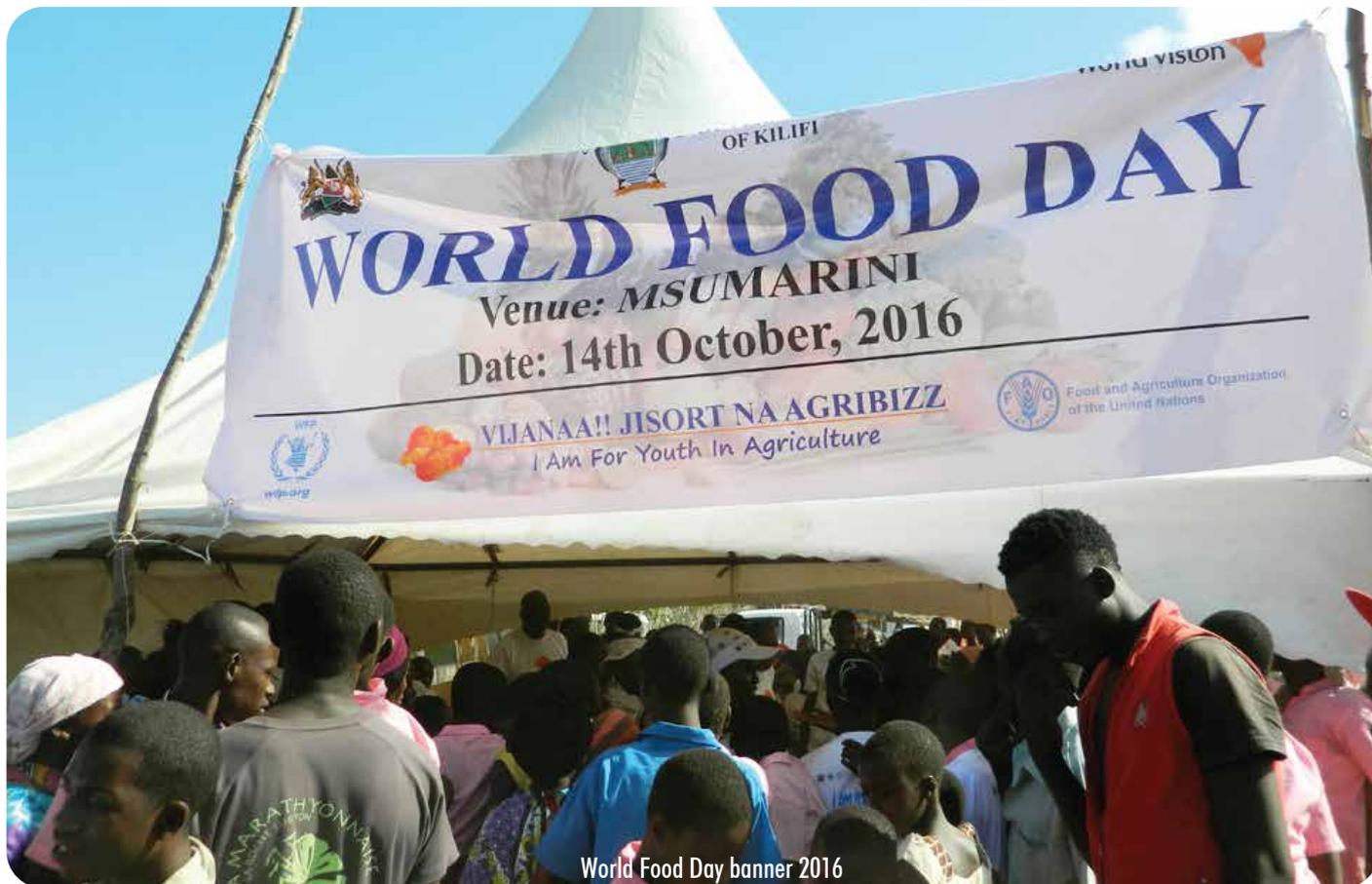
Participants visiting the NEMA stand at the event. [PHOTO: Ferdinand Musungu/NEMA]

In his closing remarks, the COFEK Secretary General Stephen Mutoro promised more inclusive event in future where all stakeholders' concerns will be considered. Mutoro said that the federation intends to work with institutions of higher learning to conduct incisive industry reviews with a view to launching industry excellence awards based on technical evaluations and scientific research on goods and services.

{The writer is NEMA's Principal Environment Officer}

Enhancing Agriculture to tackle Climate Change

By Ann Owino



World Food Day banner 2016

World Food Day is observed worldwide on 16th October, every year in remembrance of the launching of the Food and Agriculture Organization (FAO) of the United Nations in 1945.

Celebration of the day revitalizes international and national solidarity in the combat against hunger, malnutrition and poverty. On this day, countries also take stock and celebrate the strides made towards eradication of these scourges as well as strengthen the resolve to address them. Kenya joined member countries of the Food and Agriculture Organization (FAO) of the United Nations to celebrate this day on 14th October, 2016.

The Authority was invited to participate in the event as an exhibitor to showcase its activities and programmes in relation to this year's theme and the fight against poverty and hunger. The Authority also supported the event by sponsoring a banner to create awareness and mobilize the communities to the event.

During the event, the Authority mounted an exhibition where guests were taken through by technical officers who explained the contents of the different materials that were on display. The Authority scored third position for being the best government stand.

This year's theme is *"Climate is changing. Food and Agriculture must too."* It resonates with the crucial time in which the day is observed, just before the next UN Climate Change Conference, COP 22, from 7-18 November 2016 in Marrakech, Morocco. FAO calls on countries to address food and agriculture in their climate action plans and invest more in rural development.



Kilifi Governor, H.E Amason Kingi (C) among other visitors at the NEMA stand

{PHOTO:A. MWANGI/NEMA}

{The writer is NEMA's principal Environment Officer}

Enhancing efficiency in Service Delivery

By Samwel Irungu

NEMA Director General has urged the County Directors of Environment (CDE) to continue serving the public professionally to ensure the Authority continues to deliver on its mandate.

The DG was speaking during the CDEs annual meeting with the management at NEMA headquarters. He encouraged the staff to cultivate good working relationships with the county governments and other lead agencies to enhance service delivery.

This year, County Directors have been scheduled to present to the management on different dates. The CDEs were further urged to continue representing the Authority at field offices and work closely with the County Governments especially on matters of waste management.

This annual meeting is critical as it affords management and the managers in the county offices to discuss a number of pressing issues that need to be addressed for the smooth operations in the field offices.

Besides, the meeting is also a forum for exchanging ideas and innovations as well as exploring how to continually improve efficiency in meeting the Authority's mandate.



NEMA Director General, Prof Geoffrey Wahungu, management and CDEs during the CDE, management meeting [PHOTO: S. IRUNGU/NEMA]

The Counties have also been working around the clock to operationalize the County Environment Committees for smooth operations of environmental matters at the counties.

The Committees are vital for the smooth execution of various roles especially those that have already been devolved into the counties such as waste management and control of noise pollution.



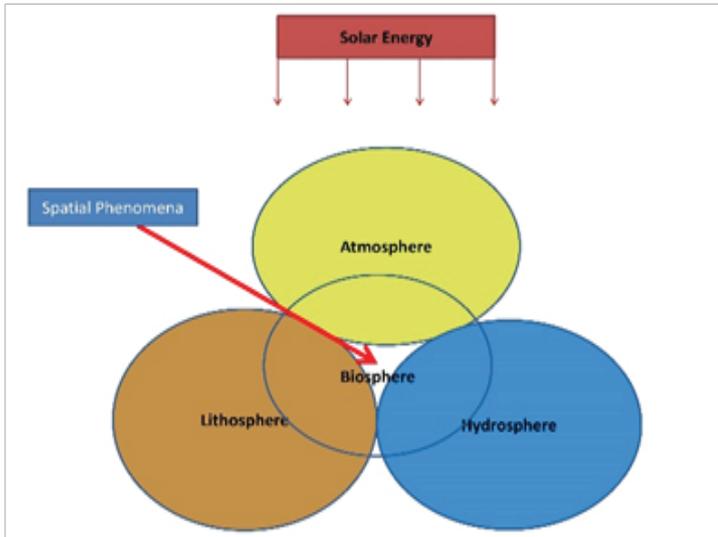
The management, CDEs meeting at NEMA headquarters [PHOTO: F. MUSUNGU/NEMA]

{The writer is NEMA's Corporate communication's officer}

Fostering development through GIS

By Ferdinand Musungu

Geographic Information Systems (GIS) day provides an international forum for users of technology to demonstrate real-world applications that makes a difference in the society. It is an annual event celebrated every November 16 since 1999 and spearheaded by Environmental Systems Research Institute (ESRI).



This year, the national celebrations were held at Kenyatta University and Jomo Kenyatta University of Agriculture and Technology. The theme was, "GIS for sustainable development."

National Environment Management Authority (NEMA) Director EPRC, Dr. Kennedy Ondimu attended the Kenyatta University celebrations and did a presentation on the "valuation of environmental resources using geospatial technologies". He was accompanied by Beatrice Ongaki. Chief GIS officer, Mr. Wallace Ngolo attended the JKUAT celebrations and presented on the use of GIS technology in real-world applications. NEMA sponsored the JKUAT celebrations in the gold category worth Ksh 20,000.

NEMA recognized for her efforts on GIS

National Environment Management Authority (NEMA) was awarded for its exceptional presentation in this year's Environmental Systems Research Institute (ESRI) Eastern Africa User Conference at Acacia premier hotel in Kisumu on 4th November, 2016.

The ESRI Eastern Africa User Conference is an annual event that brings together GIS professionals across Eastern Africa to share their experiences and learn more about ESRI and other geospatial technologies.

This year's theme was: Reeling Geo-technology at the Great Lake. The theme emphasized on the huge role that GIS play in achieving Lake Victoria region's social and economic growth.

The three-day conference that kicked off on 2nd November, 2016, showcased both local and international keynote addresses including technological presentation sessions of the use of GIS in different industries.

NEMA Chief GIS officer, Mr. Wallace Ngolo's presentation titled, "The use of GIS technology in enhancing NEMA's licensing regime through the use of ArcGIS online for facility tagging and monitoring", was awarded as the best presentation.

Mr. Ngolo demonstrated how the use of GIS technology in environment planning and management has made data collection easier and analysis much better. He also illustrated the use of AppCollector for ArcGIS in realizing NEMA's visibility, creating an environment for monitoring and evaluation of licensing regime and helping the CDEs with their planning for regular inspection.

Authority to access its own satellite data

Perhaps you have seen the newly established satellite dish near the GIS offices at NEMA headquarters. But do you know its use?

The satellite dish, which is an initiative by the European Union (EU) and Intergovernmental Agency on Development (IGAD) titled Measuring Environmental Security in Africa (MESA) is being used to collect satellite data.

The project is geared towards enhancing access to satellite data. The Authority will now be able to access data on land use. As such, NEMA will be able to process the data and identify the degraded lands and take the necessary action.

In the past, GIS has been relying on an informal satellite data from partners in the environmental field. According to Chief GIS Officer, Wallace Ngolo, NEMA has only purchased raw GIS data once in the last ten years simply because it is very expensive to acquire.



The satellite dish located at NEMA Headquarters
[PHOTO: S. IRUNGU/NEMA]

Ngolo believes that the system that is to be operational within weeks will go a long way in enhancing access to vital satellite images. "The project will open new horizons on data access as our staff here have the capacity to process the data received from satellite images," said Ngolo. GIS and ICT NEMA staff have already been trained on its use and maintenance.

{The writer is an intern at Corporate Communications Section}

Comply or close, an abattoir ordered

By Christopher Muchiri

The National Environment Management Authority is on 100days RRI on waste management in the Country.



The abattoir which was closed at Makutano [PHOTO: C. MUCHIRI/NEMA]

NEMA County officers are part and parcel of the implementation of this initiative. Various Counties have been undertaking inspections, meetings and workshops among other activities aimed at dealing with the waste menace in the Counties.

In this regard, NEMA West Pokot County office did an inspection of an abattoir in Makutano, West Pokot following complaints from the area residents of the foul smell emanating from the abattoir.

According to NEMA County Director for Environment in West Pokot, Christopher Muchiri, the waste from the premises is not discharged properly and finds its way to the nearby Korotuk River. This has affected the people operating the businesses in the areas. Muchiri noted that the facility has never been licensed by NEMA and the owners have never bothered to apply for a permit as required by law.

Muchiri ordered the facility to first obtain a license before being allowed to operate again. The owner was also ordered to meet all requirements such as fencing the abattoir and treat the effluents adequately.

{The writer is the CDE West Pokot County}

Focusing on oil for development

By Anthony Ngare

For some, it has become an uncomfortable coincidence that every time oil and other natural resources are discovered in an area, trouble is not too far behind.

But this going forward could be an exception rather than the norm with the new approach in oil and gas exploration between Kenya and Norway dubbed Oil for Development (OfD Programme).

This partnership is being pursued by Kenya's environmental agency the National Environment Management Authority (NEMA) and Norwegian Environment Agency.

Towards this end, a joint between the two agencies was held at NEMA head office to focus on a number of areas that need to be pursued under the OfD programme by the two countries.

Poverty reduction through responsible management of petroleum resources topped the agenda. Other aspects discussed included long term collaborations with partner organisations in both countries and capacity development through institutional co-operation. The partnership between the two agencies also covers finance, resource, safety as well as environmental and emergency preparedness.

The Norwegian Environmental Agency has been closely involved in the oil and gas industry since 2006 and had its first cooperation agreement in the sector with Madagascar. It is currently having ongoing projects with Cuba, Iraq,

Mozambique, Sudan with the largest projects being in Ghana, Uganda and Tanzania.

It was noted that Ghana has a lot of similarities with Kenya in terms of legislations and regulatory frameworks and therefore, Kenya would be interested on studying how the oil exploration project in Ghana has been executed as Kenya's project could ideally follow the same pattern. It was noted that the most important thing is to adapt and not wholesome adoption of the Ghana-Norway approach since certain circumstances may differ slightly.

As a way forward, it was agreed that there is a need to address existing gaps in the tentative scope of proposed areas of cooperation. It was also agreed that there is need to ensure complementarity with existing NEMA programmes to avoid duplication and resources wastage as well focus on environmental management of onshore and off shore oil and gas development.

{The writer is NEMA's Principal Corporate Communications Officer}

Criteria to assess GCF concepts developed

By Ferdinand Musungu

NEMA is the accredited entity for the Green Climate Fund (GCF) in Kenya, having obtained the accreditation on March, 2016.

In line with this achievement, NEMA published a call for Project Proposals for the Green Climate Fund from interested applicants in October. This has led to the applauding of the country for being the first to send out a call for proposals for the Green Climate Fund to the public.

With the set deadline for submission of the GCF concept notes—30th November 2016—fast approaching, it was deemed fit by the NIE steering committee to convene a three day workshop at Eka Hotel, Nairobi from 21st to 23rd Nov 2016—in collaboration with World Resources Institute to develop concept note assessment criteria.

The objective of the workshop included, interalia, a) to develop a criteria for assessing the concept notes b) to establish a pathway through which the criteria will be implemented.

The workshop team comprised of members of the NIE steering committee drawn from different

departments of NEMA and Ms. Moushumi Chaudhury from WRI who steered the discussions together with Ms. Wangari Kirumba—NIE coordinator at NEMA.

The discussions to develop the criteria were guided by GCF assessment criteria and Kenya Climate Change documents (Intended Nationally Determined Contributions, Kenya Climate Change Action Plan, National Climate Change Response Strategy, and Climate Change Act 2016).

Having held fruitful deliberations, the workshop was wrapped up on its third day. However, the NIE steering committee shall continue to further engage WRI, GCF and relevant partners in the assessment process of the concept notes.

{The writer is an intern from corporate communications office}

Authority reviews its strategic plan

By Samwel Irungu

In the view to realign its operations, NEMA held a meeting in Naivasha from 14th-18th November, 2016 at the Dairy Training Institute to review its strategic plan 2013-2018.

The objectives of reviewing the strategic plan included; aligning the Strategic plan to MTP II and Sustainable Development Goals and propose activities and result areas in the next 2 years and review the strategic plan based on the balanced scorecard format as directed by the government for all government institutions.



NEMA DG, Prof Geoffrey Wahungu training during the workshop in Naivasha
[PHOTO: MARY WASIKE/NEMA]

NEMA Director General, Prof Geoffrey Wahungu opened the meeting who stated that the review is important and NEMA board of management supported the initiative to realign NEMA's operations.

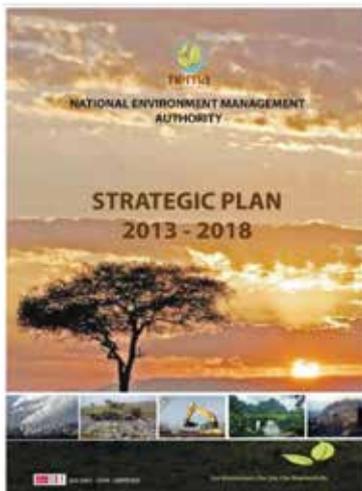
The team involved in the review was trained earlier and it was expected to drive the process within the allocated days. Meeting attended by senior management staff.



NEMA senior management participating in the workshop at Naivasha
[PHOTO: MARY WASIKE/NEMA]

During the review the following was achieved; Identification of Strategic Objectives, Strategic initiatives, ownership assigned and budgets to implement the activities prepared.

Balanced scorecard looks at Customer issues, financial stewardship, internal processes and capacity building. The Balanced scorecard emphasizes on continuous improvement.



{The writer is NEMA's Corporate Communications officer}

NEMA participates in Climate talks

By Samwel Irungu

The National Environment Management Authority participated in the just concluded twenty-second session of the Conference of the Parties (COP22) in Marrakech, Morocco from 7th-18th November 2016.

As the host of the COP22, Morocco was determined to make the meeting an "African COP" explaining its own experience and acting as an advocate for other African Countries. Impacts of erratic weather patterns on agriculture were at the heart of the discussions.

The Conference demonstrated to the world that the implementation of the Paris Agreement is underway and the member states have showed constructive spirit of multilateral cooperation on climate change.

To date, 195 countries have submitted their instruments of ratification. These countries meet once a year in order to evaluate the application of the Convention and develop the negotiation process between the parties in front of new commitments.

All the parties have common but differential responsibilities. This involves national and regional development priorities, goals and circumstances in relation to adaptation to climate change effects.

The conference was attended by President Uhuru Kenyatta who informed the world that Kenya was expanding the use of geothermal, solar and wind energy. 80 heads of state and government attended the UN climate change.

NEMA's Dr. Anne Omambia was appointed as the Africa's Designated National Authority (DNA) chair. The Authority was represented at the climate talks by Maurice Otieno, Edward Wabwoto and Wangare Kirumba.

Kenya submitted its Intended Nationally Determined Contribution that seeks to lower the greenhouse gas emission to 0.1%. The agreement creates a link to the

Sustainable Development Goals (SDGs) and calls for urgent action to combat climate change and its impacts.

NEMA is already implementing the Adaptation Fund programme in the country and is looking forward to receiving funding from Green Climate Fund to enhance resilience and mitigation to climate change in the country.

NEMA is the sector leader in the implementation of the Kenya's Intended Nationally Determined Contributions (INDC) on management of Green House Gases (GHG) emissions from the waste sector.

[The writer is NEMA's Corporate Communications officer]

NEMA Participates in the 10th Global RCE Conference

By Erick Ndeche

National Environment Management Authority (NEMA) participated in the 10th Global Regional Centres of Expertise (RCE) Conference which took place from 23rd to 25th November 2016 in Yogyakarta, Indonesia.

The conference provided an opportunity for a wide variety of stakeholders to discuss and launch strategies and activities that reinforce the fundamental role that education plays in achieving a sustainable future worldwide.

The conference reflected on challenges and commitment of the Global RCE movement towards sustainable future. It focused on identification of tangible commitment of the RCE community to effective implementation of Global Action Plan (GAP) on Education for Sustainable Development (ESD) and the Sustainable Development Goals (SDGs) among others. It also looked at how RCE can formulate practical solutions of daily challenges.

NEMA Director Environmental Education, Information and Public Participation (EEIPP), Dr. Ayub Macharia was a discussant in the policymakers' roundtable where RCEs can contribute to enabling policy environment for mobilizing education and learning for sustainable development and scaling up ESD actions. This was aimed at discussing the interface of policymakers and RCEs in the context of GAP and SDGs implementations.

The conference resolved to address sustainable challenges through strengthening governance and coordination towards learning and actions, enhancing the capacity development of local and regional stakeholders and strengthening the impact of actions related to SD/ESD.

NEMA was represented by Dr. Ayub Macharia, Deputy Director EEIPP Mr. Mamo Boru Mamo and Mr. Eric Deche.

{The writer is NEMA's Principal Environmental education officer}



The Authority core services include:

- Registration and Licensing of Environmental Impact Assessment (EIA) and Environmental Audit (EA)
- Environmental Impact Assessment Licensing
- Environmental Auditing
- Environmental Incident Management
- Environmental Inspection
- Environmental Information, Education and Communication (IEC)
- Environmental Reporting
- Environmental Planning
- Development of Curriculum for Training of Environmental Impact Assessment/Audit experts
- Administration of an Environmental Awards scheme



Our Vision

To be a World-class Environmental Management Authority



Our Mission

To ensure a clean, healthy and sustainable environment in Kenya through supervision and coordination of all matters relating to environment.

OUR MOTTO

*Our Environment, Our Life, Our Responsibility
Mazingira Yetu, Uhai Wetu, Wajibu Wetu*

PLEASE

Report Environmental incidents to:

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Email: incidents@nema.go.ke

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