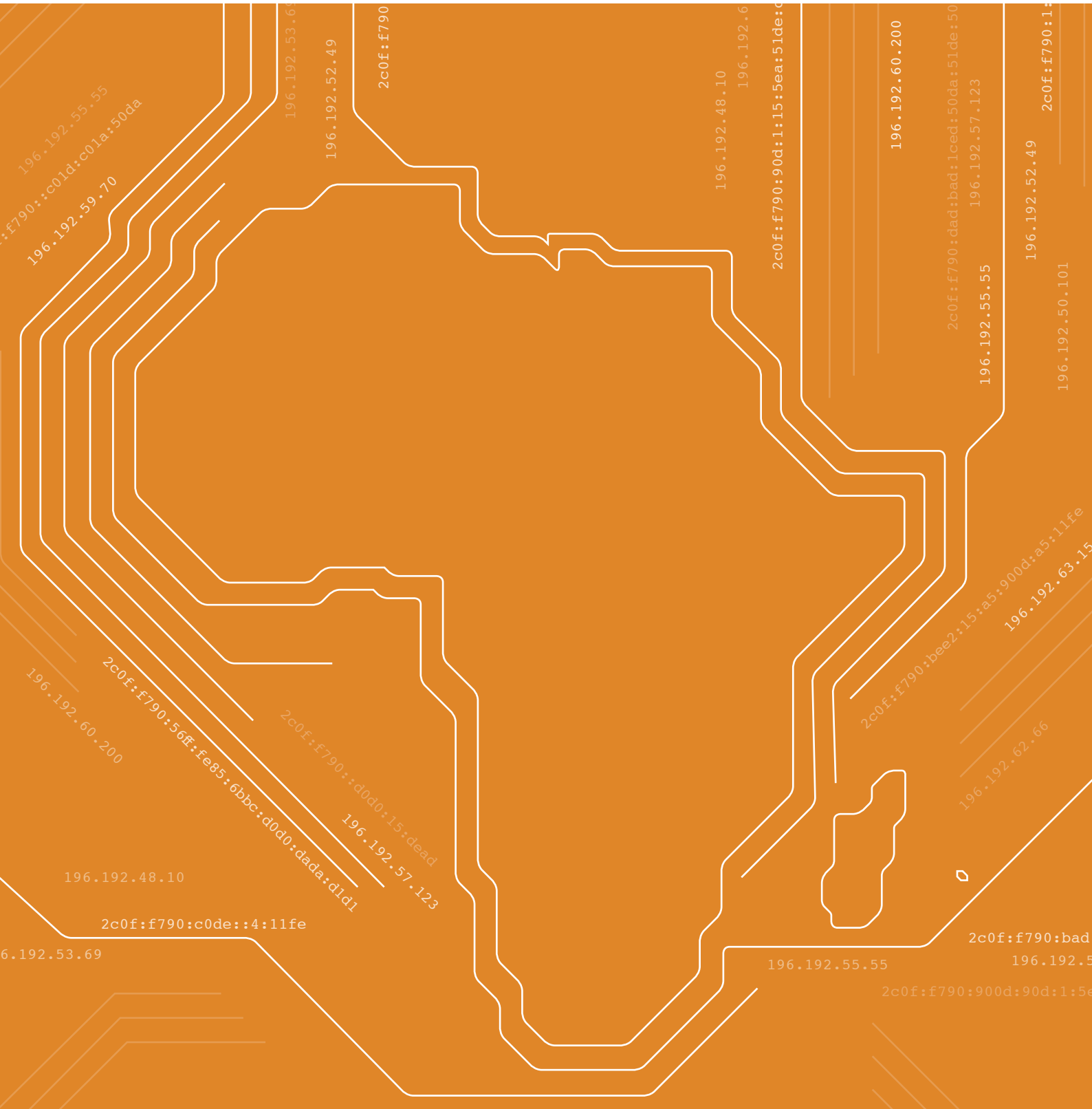
AFRINIC 10 YEARS
The Internet Numbers Registry for Africa

WWW.AFRINIC.NET



AFRINIC - SPEARHEADING AFRICA'S INTERNET SINCE 2005

10 YEAR ANNIVERSARY

AFRINIC 10 YEARS
The Internet Numbers Registry for Africa

SPEARHEADING INTERNET TECHNOLOGY AND POLICY DEVELOPMENT IN THE AFRICAN REGION

Dr Nii Quaynor takes to the microphone during the AFRINIC-21 Meeting in 2014

DR NII QUAYNOR
ONE OF THE FOUNDING FATHERS OF THE AFRICAN INTERNET

"It took the elders a decade to build consensus for forming AfriNIC, it has taken the developers a decade to establish AfriNIC: We must have a strong AfriNIC community before the end of the next decade."

INTRODUCTION

ADIEL A. AKPLOGAN
CEO AFRINIC 2004 - 2015

It was back in 1997, in Kuala Lumpur, when the seeds of the idea of a Regional Internet Registry for Africa were first planted by some of the brightest lights in Africa's Internet history. From that moment on, our pioneers worked tirelessly to make that idea a reality. I'd like first of all to recognise and thank Alan Barrett, Dr Nii Quaynor, Sana Bellamine, and Nashwa Abdel-Baki who put together the first proposal in writing back in 1997. On the day that AFRINIC received its formal accreditation from ICANN in April 2005, many years of hard work and negotiation had already taken place to ensure that the world's fifth RIR would be ready for business.

Our region presented us with unique and distinct challenges during the proposal, the set up and throughout the early years of this continent-shaping organisation. Although it wasn't always easy, we rose to those challenges, collaborated, and pulled together each corner of Africa and beyond to ensure that AFRINIC would become what it is today in 2015: a fully functioning RIR with over 1,150 active members and more than 40 competent and dedicated staff. AFRINIC is now lucky enough to be able to count on the support of a collaborative, innovative community of thousands, on the knowledge and experience of a tight-knit, loyal Board of Directors, on the wisdom of our Council of Elders, and on the support of our local, regional and global partners and sister organisations. Without this vast network of belief, support and collaboration, none of this would have been possible.

However, our work is still not done. We must not stop building upon these strong foundations that we have planted firmly in the ground. As the African and global Internet industry moves into a new phase of its development, more hard work is needed to ensure that our RIR continues to go from strength to strength. Not only do we need to continue to build and expand our community to include those who are currently underrepresented in the African Internet sphere, we must also make sure that the infrastructure, information, education and policies that are needed to ensure that the next billion African Internet users are able to get online are firmly in place. We cannot do this without the support and guidance of the community and membership.

I'd like to extend a special note of thanks to AFRINIC's first and second Board of Trustees on behalf of the entire community: Tarek Kamel, Zakaria Ould Amar, Charles Mussi, Ibrahim Ahmed, Nii Quaynor, Pierre Dandjinou, Samuel Nogha, Kouma Cyriaque Didier, Alan Barrett, Silvio Almada, Yann Kwok Kem Yen, Haja Ramboasalama, Pierre M. Kasengedia and Richard Bell who set the pace and ensured that our dreams did not fade away. My appreciation also goes to our international supporters, including Randy Bush, who encouraged the pioneers to write the proposal in the first place. Pierre Ouedraogo, David Conrad, Daniel Karrenberg, Kim Hubbard and Andrew McLaughlin, thank you for the support and advice you provided back in those early days. I cannot close this section of appreciation without mentioning our sister RIRs and the other Internet industry organisations whose unwavering support has been instrumental in our success.

In this book, we have highlighted **just a few** of the people and organisations who have contributed to AFRINIC's success but our thanks and appreciation are extended to anyone and everyone who has been part of this adventure from the beginning to the present day. We look forward to sharing the next 10 years of AFRINIC with you.

My sincerest thanks and gratitude to you all.

AFRINIC en Avant!

ALAN BARRETT
INTERNET PIONEER AND AFRINIC CEO 2015

It has been a great privilege to be associated with AFRINIC right from the start. I have watched it grow from just an idea, to an idea with community support, and then from an organisation with two employees, to more than 40 people today. AFRINIC's current success is very much due to Adiel Akplogan. He supported AFRINIC when it was just an idea, and he became the first employee and the first CEO. He took responsibility for all aspects of the organisation, from policy development through finance, staffing, and external relations. As the new CEO, I hope to continue AFRINIC's success.

SUNDAY FOLAYAN
AFRINIC Board Chair 2015

AfriNIC has afforded me the opportunity to appreciate the immense talents all around the African continent. At the various meetings and interactions both online and offline, I have made very many friends and built relationships that certainly make me proud of my continent. I look forward to the future and success of AfriNIC – the chord that binds us who see the entire world as a village.

BADRU NTEGE
AFRINIC Board Vice Chair 2015

It was 2003 when I first got involved in AfriNIC. To me it has been a lifetime experience of meeting and getting to know people from the continent. The technical connectivity that AfriNIC has enabled is complemented by the social connections we have made and continue to make. I look forward to the next 10 years with positive anticipation!

Credit: Alan Levin

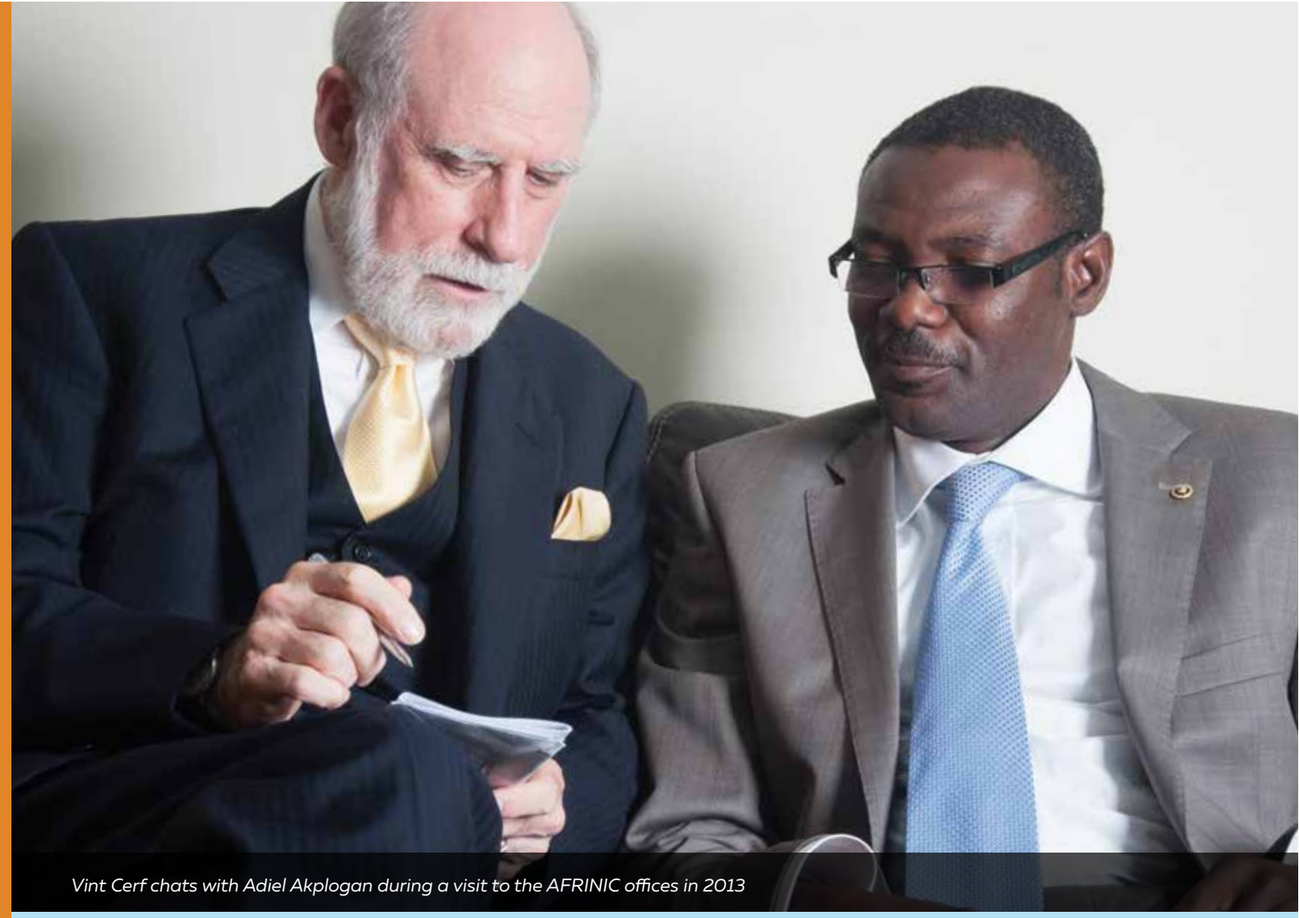
ALAN LEVIN
Founding Board Member (2004 -2007), Chair of ISOC ZA Chapter, CEO Vanilla Networks

AfriNIC will always remain close to my heart. I feel most flattered and proud to have been appointed one of the founding Board Members and Directors of AfriNIC. We learned many lessons in the process of creating the African Registry. Considering the vastness and challenges of the region, I feel that our successes resonate globally. Whilst we can all be proud of these successes I strongly encourage the spirit of volunteerism expressed by all stakeholders involved in AfriNIC from anywhere, and extend my sincere appreciation to all those who volunteer at every level.

MOUHAMET DIOP
AFRINIC Observer at the ASO Address Council, ASO Appointee to the ICANN Board (2001 to 2006), Coordinator of AFREGISTRAR

Since 1996, I have been involved as one of the first AFRINIC observers for the ASO Address Council, travelling around the world, spreading the word about AFRINIC during the other RIR meetings, from San Francisco to Amsterdam to Brisbane, where I explained to the global community the need for an RIR for Africa. AFRINIC's inception is the illustration that the African continent can achieve astonishing and amazing results for itself and by itself. When politics are far away, and when determination, expertise and knowledge work together in the sole interest of Africa development, we, African people, are able to move mountains.

The 2014 AFRINIC Board of Directors during a retreat in 2014. From left: Paulos Nyirenda, Mark Elkins, Badru Ntege, Adiel Akplogan (CEO), Sunday Folayan, John Walubengo, Christian Bope, Janvier Ngoulaye, Kris Seeburn, Haitham Z. El Nakhal. Front: Anne-Rachel Inné (COO), Lala Andriamampianina. Not pictured: Aminata A. Garba.



Vint Cerf chats with Adiel Akplogan during a visit to the AFRINIC offices in 2013

VINT CERF
FORMER CHAIRMAN OF ICANN
CHIEF INTERNET EVANGELIST, GOOGLE

"AFRINIC is celebrating its 10th anniversary and that is indeed worthy of serious celebration. I had a very small part to play in the formation of AFRINIC as the then-Chairman of ICANN and as an enthusiast today. I believed that Africa had an important opportunity to demonstrate leadership and cooperation on its continent. While I am no expert, I appreciate very much the challenge that the formation of AFRINIC must have posed for its founders. Not every country in Africa is aligned along exactly the same axis, just as one finds policy differences among the European states. To speak of "the African position" or "the European position" understates the diversity of views that must ultimately be made compatible, if not homogeneous, for these important polities to achieve mutual fiscal and social improvement.

I found it phenomenally satisfying to urge and encourage my African colleagues and other interested parties to find a way to make common cause regarding Internet address space management. This raw material is the stuff of which the Internet is made. The creation of AFRINIC, itself, is a most important event in Africa's Internet history. It showed that a diverse continent could achieve a common goal by aligning their mutual interests. Having achieved that goal, AFRINIC's creation was and is a concrete demonstration that African states have the capacity to cooperate and collaborate. It was especially satisfying to watch the existing Regional Internet Registries, in cooperation with ICANN, to lend support for and to facilitate AFRINIC's birth.

My natural reaction to this is, of course: "Now that you have demonstrated willing ability to collaborate, what else can you do?" The reward for good work is MORE WORK! It is clear that AFRINIC and its sister organisations are forging a pan-African path towards a safer, more accessible, more affordable and more useful Internet. All of us share this global aspiration.

I, for one, am pleased to have an opportunity to recognise now the courage and skills of Africa's AFRINIC team and wish them every success as they take the Internet into the future."

1995-2003

➜ 1995 // JUNE
- First African Meeting held during INET 96, Hawaii, USA.

➜ 1996 // JUNE
- The 'Leland Initiative: Internet For Africa' gets underway – a USAID/State program to install or extend Internet connectivity in 20 sub-Saharan African countries.

- First ISOC Chapter in Africa founded in Morocco.

➜ 1997 // MARCH
- Proposal to set up AfriNIC as the RIR for Africa circulated among African Internet community, authored by Alan Barrett, Nii Quaynor, Sana Bellamine, and Nashwa Abdel-Baki.

➜ 1997 // JUNE
- Proposal publicly announced at INET 97 in Kuala Lumpur.

➜ 1997
- First AfriNIC website launched.

➜ 1998 // JUNE
- Global consultation with John Postel, Jon Klenson, Randy Bush, Geert Jan de Groot, and others takes place during INET 98 in Geneva.

➜ 1998 // DECEMBER
- African Regional Conference on Internet Governance takes place in Cotonou, Benin. First consensus-building meeting facilitated by Pierre Oudraogo, Pierre Dandjinou and Nii Quaynor.

- Proposal to establish the African Regional Network Information Centre (AfriNIC) finalised. Provisional Board of Founding Trustees announced:
Tarek Kamel (Egypt), Zakaria Ould Amar, (Mauritania), Charles Musisi (Uganda), Ibrahim Ahmed (Djibouti), Nii Quaynor, (Ghana), Pierre Dandjinou (Benin), Samuel Nogha (Cameroon), Kouma Cyriaque Didier (Gabon), Alan Barrett (South Africa), Silvio Almada (Angola), Yann Kwok Kem Yen (Mauritius), Haja Ramboasalama (Madagascar).

PIERRE DANDJINOU

AfriNIC's provisional Board of Trustees 1998, Chairman of the AFRINIC Board 2004 - 2008, AFRINIC Council of Elders, VP Stakeholder Engagement – Africa, ICANN

As we celebrate AFRINIC's 10th anniversary, many images and thoughts cross my mind! I recall my first meeting with Dr Nii Quaynor in Geneva at one of the White Paper meetings that gave birth to ICANN; that was back in 1997. We were just two Africans there among the 700 participants! We wondered whether this really mattered for Africa. Moreover, we decided that whatever the case, Africa had to be part of the movement and key to this idea was that the continent established a regional registry of its own, which catered for Africa. The Cotonou Summit on Internet governance, which I organised later on in 1998, was instrumental to positioning the dream of AFRINIC on the right track. This took us seven years to materialise, with the first Steering Committee having had to deal with African intricacies, like reconciling the multiple languages and regional sensitivities or selecting host countries for AFRINIC. But the committee prevailed over these and we ended up selecting four countries to host different components and therefore respecting a regional balance.

➜ 2000 // MAY
- AfNOG holds inaugural Meeting in Cape Town, South Africa. First AFRINIC Provisional Board of Trustees Meeting takes place. Second consensus-building meeting takes place, facilitated by Vint Cerf.

➜ 2000 // JULY
- Key players in the African Internet meet in Japan during the ICANN Yokohoma Meeting to discuss Africa's participation in the global Internet.

➜ 2000 // AUGUST
- Africa Telecom Operator Meeting, Gambia, takes place: AfriNIC gives presentation to the African telecom/ISP community.

➜ 2000 // NOVEMBER
- Rathbawn Computers Ltd applies for TLD strings including .africa. Africans speak out and launch campaign to keep .africa on the continent.

➜ 2001 // MAY
- The AfNOG II meeting in Accra, Ghana takes place. 1

- First Interim Board nominated.

➜ 2001 // JUNE
- AfriDNS - an aggregation of information about African domain names - launched by Alan Levin.

➜ 2001 // SEPTEMBER
- First draft of the AfriNIC Business Plan v.0 issued for public comment.

➜ 2002 // JANUARY
- AfriNIC incorporation plan is adopted by the Interim Board.

➜ 2002 // MAY
- The RIRs welcome AfriNIC to the team.

- AfriNIC signs an MoU with the RIPE NCC, which will provide training for AfriNIC's hostmasters and assist with the setting up of the RIR functions.

- ARIN issues statement of support for AfriNIC.

- LACNIC organises the Emerging RIR Workshop in Montevideo, Uruguay, to assist AfriNIC with the RIR formation process.

TAREK KAMEL

AfriNIC's provisional Board of Trustees 1998, Sr. Advisor to the President - Gov. Engagement ICANN

Looking back, I was delighted to be part of the Founding Board of AFRINIC more than ten years ago. We were initially puzzled about where to establish AFRINIC. Similar to the Internet Governance Ecosystem, which had a distributed model from its early beginnings, AFRINIC's establishment also took on this distributed sub-regional African approach. The main operation started in South Africa, with a backup in Egypt (North Africa). The organisation was incorporated in Mauritius (East Africa) and the training centre was established in Ghana (West Africa). By using this distributed governance model we kept all of the African sub-regions - the south, the north, the west and the East - happy and included, while not compromising on the benefits for AFRINIC as an organisation from a legal or operational point of view. I have enjoyed watching a true model of coaching from the other RIRs that existed at that time to help and support the newly borne RIR in Africa. And I am glad to see that AFRINIC is today part of the well-established global Internet Governance Ecosystem.

1

1995-2003 CONTINUED

→ 2002 // AUGUST
- Adiel Akplogan hired as Senior Hostmaster.

→ 2003 // JANUARY
- AfriNIC hires Ernest Byaruhanga as Hostmaster.

→ 2003 // FEBRUARY
- Calls for host country proposals issued.

→ 2003 // MAY
- Hostmaster training starts at the RIPE NCC. Ernest Byaruhanga and Adiel Akplogan spend six months in Amsterdam, the Netherlands, learning RIR processes.

→ 2003 // JUNE
- The AfNOG 5 Meeting takes Place in Kampala, Uganda. 2
- The following countries announced as potential locations for AfriNIC: South Africa, Kenya, Mauritius, Egypt and Ghana/Uganda/Senegal (joint proposal). 3

→ 2003 // OCTOBER
- Adiel Akplogan takes on role as AfriNIC Project Manager.

→ 2003
- Adiel Akplogan, former President of Senegal and the OIF Abdou Diouf, and the French Ambassador to Mauritius sign an MoU on funding from the French Ministry for AfriNIC's capacity building efforts. 4

AXEL PAWLIK
Managing Director RIPE NCC

More than ten years ago, at the RIPE NCC offices in Amsterdam, Adiel Akplogan and Ernest Byaruhanga spent many weeks with us, learning the ins and outs of serving a membership of Local Internet Registries, before returning to Mauritius to take up their roles as leaders of the fledgling RIR. I have always been impressed by the skill and commitment of the AFRINIC staff and the strong, informed support of their diverse community. The result of that combination has been an organisation whose impact and influence have far exceeded the resources available to it. It has been a privilege for the RIPE NCC (and for me personally) to have made some small contribution to AFRINIC's inspiring first 10 years, and I look forward to a close and productive continuing relationship. Congratulations to all at AFRINIC and all those who have contributed to its success.

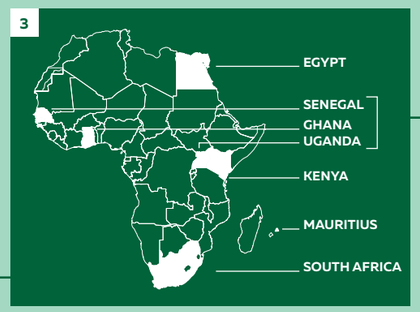
PAUL WILSON
Director General APNIC

In May 2003 I helped to organise an RIR workshop for the AfriNIC board-elect and other key individuals. It was at this meeting that Nii Quaynor first mentioned Adiel Akplogan's name, who he described as a talented engineer and manager from Togo, and the best hope yet for AfriNIC's CEO. As I came to know Adiel and to work with him closely in the following years, I never doubted Nii's assessment, or that Adiel remained the best hope for a stable and successful AfriNIC. Without doubt, Adiel was the backbone of AfriNIC for its first 10 years, and I hope this is never forgotten. I have always felt that the task of building AfriNIC was harder than that of any other RIR. As the last of five RIRs to be established, AfriNIC was founded in a time of political pressure and contention that was higher than the others ever experienced. It served a region larger and more diverse that most of the other RIRs, with a very high proportion of developing economies, which could naturally not contribute significant resources to the organisation. I gained a huge admiration for Adiel as CEO, for his staff and for the active board members, for their incredible and successful work under these circumstances.

2

Credit: Philip Hazel

3



4

2004

STAFF 2 **TRAINING COURSES** 1 **MEMBERS** 166

ADDRESSES DISTRIBUTED
IPv4 10,335,448 IPv6 /32s 0

ASNs ASSIGNED
21

→ MAY
- AfriNIC's inaugural meeting, AfriNIC-1, held in Dakar, Senegal. Hosted by ISOC Senegal, 125 people from 30 different countries attend. AfriNIC's first Bylaws were adopted during this meeting. 1

→ JUNE
- The first Policy Proposals are accepted by the AfriNIC community:
  - AFPUB-2004-ASN-001, "Policy for Autonomous System Numbers (ASN) Management in the AFRINIC region"
  - AFPUB-2004-v6-001, "AfriNIC Policy for Reverse Delegation on Allocated IP Addresses"
  - AFPUB-2004-v6-001, "IPv6 Address Allocation and Assignment Policy".
- Adiel Akplogan hired as AfriNIC's Founding CEO.

→ JULY
- A non-disclosure agreement is signed by Adiel Akplogan, AfriNIC CEO, and Ernest Byaruhanga, AfriNIC Hostmaster, in the presence of Axel Pawlik, RIPE NCC Managing Director. 2

→ SEPTEMBER
- AfriNIC submits application to ICANN to be recognised as the world's fifth RIR.
- The NRO issues a statement of support.
- Co-evaluation of requests with RIPC NCC begins: Cybersmart, South Africa, is the first to receive a co-evaluated IPv4 block.

→ OCTOBER
- AfriNIC gets provisional recognition from ICANN.

→ NOVEMBER
- The first AfriNIC Training Course is held in Burkina Faso. 20 participants receive LIR Training in IP Number Resource Management. 3

→ DECEMBER
- AfriNIC's first community mailing list – afrinic-discuss – is set up. Eric Osiakwan of AfrISPA sends the first mail to the community.
- Egypt's Ministry of Communications and Information Technology receives the first IPv6 allocation under request co-evaluation with RIPE NCC.

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Credit: Adiel Akplogan

2005

STAFF 5 **TRAINING COURSES** 5 **MEMBERS** 217

ADDRESSES DISTRIBUTED
IPv4 **7, 11,279,616** IPv6 /32s **3**

ASNs ASSIGNED **46**

→ FEBRUARY
- AfriNIC moves to Phase II of its transition process.

→ MARCH
- Web interface to query AfriNIC WHOIS database launched. It is no longer necessary to use email to run queries.

→ APRIL
- 8 April: AfriNIC officially becomes world's fifth RIR. Adiel Akplogan says:

"We cannot celebrate this great moment without expressing our thanks to the pioneers of this project who worked on the very first proposal in 1997. I will name Nii Quaynor, Alan Barett, Nashwa Abdel-Baki, Sana Bellamine and Randy Bush. We can tell them today that we have made their dream a reality." 1

- AfriNIC's first official member after accreditation is Benson Informatics Ltd, Tanzania.
- 26 April 2005: AfriNIC signs an MoU to become part of the Number Resource Organization (NRO).
- The AfriNIC community elects its first representatives to the NRO NC (ASO AC):
  - Jean Robert Hountomey
  - Sylvia Geha Kezengwa
  - Alan Barrett.

→ MAY
- AfriNIC-2 held in Maputo, Mozambique. Over 100 People attend AfriNIC's first meeting as a fully-fledged RIR. 2
- Afri-IPv6 mailing list set up.

PIERRE DANDJINOU

AfriNIC's Provisional Board of Trustees 1998, Chairman of the AfriNIC Board 2004 - 2008, AFRINIC Council of Elders, VP Stakeholder Engagement – Africa, ICANN

Upon AFRINIC's formal accreditation in 2005, and in my capacity as the Chair of the Board, I had this to say to the CEO: "We cannot fail! The world is watching us! We shall give you whatever you want, but AFRINIC has to be efficient and successful! It's all about Africa's image!" And here we are today, celebrating ten years of excellence, of tedious efforts, and also of learning and support to and from the other African Internet stars (AF*). Yes, this was in our plans: AFRINIC should be run in such a way that it contributes to growth and inception of other Internet related associations. I want to take the opportunity to thank all who contributed to this success story, not forgetting our sister RIRs who have always been there to support our dreams. Long live AFRINIC!

→ JUNE
- Ali Drissa Badiel elected as the first Africa Regional ccTLD (AfTLD) representative to the ccNSO council.

→ AUGUST
- The Tertiary Education Network (TENET) returns six large IPv4 allocations to AfriNIC for redistribution.

→ DECEMBER
- AfriNIC-3 Meeting held in Cairo, Egypt. Over 100 people attend.
- The first African IPv6 event is hosted by the Egyptian IPv6 Forum during the AfriNIC-3 Meeting.

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2006

STAFF 7 **TRAINING COURSES** 9 **MEMBERS** 279

ADDRESSES DISTRIBUTED
IPv4 **13,922,816** IPv6 /32s **14**

ASNs ASSIGNED **35**

→ JANUARY
- AfriNIC begins allocating from 41 /8, the IPv4 block it received from the IANA in 2005.

→ MAY
- AfriNIC-4 Meeting held in Nairobi Kenya. Over 150 people attend. 1
- United Nations Secretary-General Kofi Annan calls on Adiel Akplogan, CEO of AfriNIC, and Raúl Echeberría, Executive Director of LACNIC, to serve on a 46-member Advisory Group to prepare the agenda and programme for the first meeting of the Internet Governance Forum (IGF).

→ SEPTEMBER
- ICANN ratifies the Global Policy for Allocation of IPv6 addressees.

→ OCTOBER
- AfriNIC receives IPv6 block 2C00:0000::/12 from the IANA.

→ NOVEMBER
- AfriNIC-5 Meeting takes place in Mauritius. Over 120 people from 35 different countries attend. 2
- The IANA allocates 5.0 - 5.1023 32-bit AS Number block to AfriNIC.

ANNE-RACHEL INNÉ

COO AFRINIC 2012 – 2014, NI&I Service Award Winner 2010, VP Government Engagement ICANN

When thinking about what the future carries for Africa, AFRINIC always comes to mind as the central organisation of what I call the 'intelligently connected Africa'. I am very proud to have been part of the shaping and growth of this organisation and cannot wait to see it all over the continent and helping to connect our networks for a sustainable, digital and prosperous Africa. AFRINIC is a tribute to how the African community can come together and do something really great that includes all our stakeholders.

1

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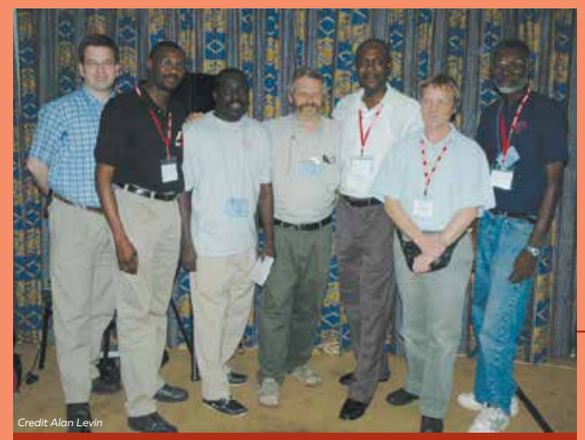

Credit Alan Levin

The African Internet Pioneers in 2006 from left: Geert Jan de Groot, Adiel Akplogan, Alain Aina, Randy Bush, Sunday Folayan, Alan Barrett and Dr Nii Quaynor.

2007

STAFF **8** | TRAINING COURSES **8** | MEMBERS **342**

ADDRESSES DISTRIBUTED
IPv4 **5,19,454,720** IPv6 /32s **13**

ASNs ASSIGNED **100**

➜ JANUARY
- Alan Barrett reappointed to the NRO NC for another 3-year term.
- afrinic-discuss mailing list renamed afrinic-announce.

➜ FEBRUARY
- First revision of AfriNIC Bylaws accepted by the community.

➜ APRIL
- First article on impending IPv4 exhaustion and its effect on the AfriNIC region published: "Analysis of the future exhaustion of the IPv4 central pool in relation to IANA and its impact on the AfriNIC region". Projected exhaustion date of the central pool set at 26 July 2011.

➜ MAY
- AfriNIC-6 Meeting takes place in Abuja, Nigeria. 200 people attend. 1
- Africa INET Meeting takes place alongside AfriNIC-6 with a session dedicated to Internet governance in the region.
- AfriNIC signs MoU with AfTLD. 2

➜ JUNE
- AfriNIC applies fee discount for Research and Education institutions.

JOHN CURRAN
President and CEO ARIN

The Internet Numbers Registry System lies at the heart of the Internet and provides an invaluable service to the entire community. ARIN recognises AFRINIC's enormous contribution to this goal and congratulates AFRINIC on this occasion of its 10th anniversary!

➜ JULY
- "IPv6 Provider Independent (PI) Assignment for End-Sites" policy implemented.

➜ SEPTEMBER
- AfriNIC-7 takes place in Durban, South Africa.

➜ OCTOBER
- MyAfriNIC membership portal launched. Members can now manage their membership online.

➜ DECEMBER
- Dr Nii Quaynor, one of the founding fathers of the African Internet, is awarded the prestigious 2007 Jonathan B. Postel Service Award for his leadership in advancing Internet technology in Africa. 3
- AfriNIC awards prize of $US 2,500 to cover the cost of attending the IETF-72 to Mr Nouhoun Yedidya Diarra for his winning entry in the Best Open Source Project contest.

1

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2008

STAFF **12** | TRAINING COURSES **12** | MEMBERS **415**

ADDRESSES DISTRIBUTED
IPv4 **12,21,006,848** IPv6 /32s **10**

ASNs ASSIGNED **66**

➜ MAY
- AfriNIC-8 Meeting takes place in Rabat, Morocco – the first AfriNIC Meeting to have its own logo and dedicated website. 1

➜ OCTOBER
- AfriNIC receives a /8 (197 /8) of IPv4 space from the IANA.
- AfriNIC's Root Server Anycast Copy Program (RSCP) launched to increase the number of instances of Anycast copies of root servers in the African region in order to improve the local Internet infrastructure scalability and reliability.

➜ NOVEMBER
- AfriNIC-9 Meeting takes place in Mauritius. 150 people attend. 2
- AFRINIC's IPv6 Testbed launched.

BARRY BOUBAKAR
AfREN, AFRINIC Community, NI&I Service Award Winner 2014

It has been a long journey since the Cotonou meeting in 1998 that led to the creation of AfriNIC in 2005. It has not always been easy, but the community can be proud of AfriNIC's achievements. The organisation has matured and has acted, for many years now, as an incubator for various initiatives that enrich the African Internet ecosystem. AfREN, the collaboration platform for the research and education community, benefitted in its early years from this handholding by AfriNIC and AfNOG. There is no doubt that AfriNIC will continue to grow and will reach even greater heights.

1

2

2009

STAFF 17 | **TRAINING COURSES** 8 | **MEMBERS** 500

ADDRESSES DISTRIBUTED
IPv4 **26,917,376** IPv6 /32s **9**

ASNs ASSIGNED **87**

→ MARCH
- The ICANN Board ratifies the "Global Policy Proposal for the Allocation of the Remaining IPv4 Address Space".

→ MAY
- AfriNIC-10 Meeting takes place in Cairo Egypt. 135 people attend. 1
- Adiel A. Akplogan, AfriNIC CEO, honoured with the first African Network Information Infrastructure (NI&I) Service Award 2009 for his contribution to the establishment of AfriNIC and for his leadership and service to the African technical community. 2
- Mark Tinka wins the 2009 Network Information & Infrastructure (NI&I) Young Professional Award.

→ JUNE
- The NRO submits comments to the US NTIA's NOI regarding the "Assessment of the Transition of the Technical Coordination and Management of the Internet's Domain Name and Addressing System".

→ AUGUST
- First deployment under the RSC Root Server Anycast Copy Program (AfRSCP): a copy of K-root server is installed at the Tanzania Internet Exchange (TIX), Dar es Salaam.

→ NOVEMBER
- AfriNIC-11 Meeting takes place in Dakar, Senegal. 3

"ALAIN P. AINA

Long-standing community member and AFRINIC employee, NI&I Service Award Winner 2012, Director Research & New Technology AFRINIC

It was true ten years ago and it remains unchallenged today: Africa needs its numbers registry. On 8th of April 2005, AfriNIC was born not simply as a registry, but a catalyst for the whole African Internet ecosystem. I am sure that this journey will continue in the spirit set by its pioneers.

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2010

STAFF 21 | **TRAINING COURSES** 11 | **MEMBERS** 615

ADDRESSES DISTRIBUTED
IPv4 **35,368,704** IPv6 /32s **102**

ASNs ASSIGNED **121**

→ JANUARY
- The NRO issues a press release to announce that less than 10% of the available IPv4 address pool remains unallocated and reinforces the urgent need for IPv6 deployment.

→ FEBRUARY
- AfriNIC holds first African Inter-Governmental Coordination and Cooperation for a Safer Internet meeting.

→ MAY
- AfriNIC-12 Meeting held in Kigali, Rwanda. 170 people attend. 1

→ JUNE
- AfriNIC moves its headquarters from Ebene's Cybercity Cyber Tower to the newer Raffles Tower. 2

→ AUGUST
- Anne-Rachel Inné wins the 2010 NI&I Award. 3

→ NOVEMBER
- AfriNIC-13 takes place in Johannesburg, South Africa, 160 people attend.

→ DECEMBER
- AfriNIC's Peering Service launched.
- AfriNIC launches RPKI.

"DAWIT BEKELE

Director African Regional Bureau, Internet Society

What an amazing achievement in 10 years! It has been a great pleasure seeing AFRINIC growing year after year while contributing significantly to and beyond its mandate of managing Internet Numbers in Africa. During the last decade, AFRINIC has become a major voice of the continent when it comes to the Internet. It has also led Africa's transition to IPv6 and worked tirelessly to inform policy makers about Internet governance issues. Congratulations to the past and present CEOs, board members and staff from all over Africa for their dedication and hard work towards these successful achievements and for having taken the flames of Africa around the world. Long Live AFRINIC!

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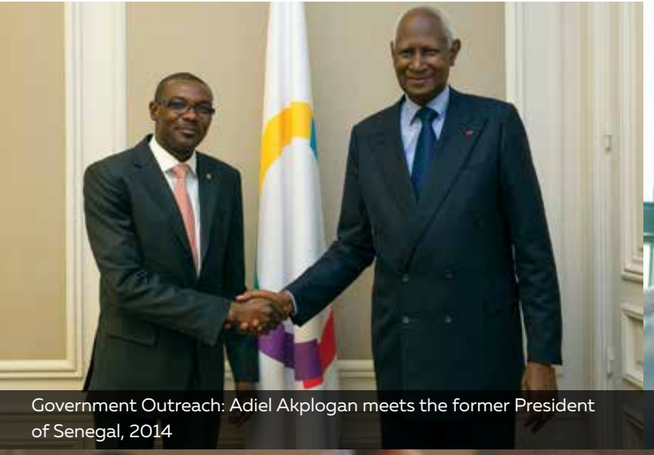

Government Outreach: Adiel Akplogan meets the former President of Senegal, 2014

Emilia Monteiro Tavares, Cape Verde, comments on trademark issues during the FIRE Workshop AFRINIC-21

AFRINIC-18 Meeting, Zambia, 2013

The AFRINIC community lines up to have their say, AFRINIC-21 Meeting

Women in ICT Lunch, AIS Djibouti, 2014

2011

STAFF 21

TRAINING COURSES 12

MEMBERS 725

ADDRESSES DISTRIBUTED

IPv4 **44,529,408** IPv6 /32s **149**

ASNs ASSIGNED 119

→ FEBRUARY

- The IANA allocates two /8s of IPv4 address space to APNIC triggering the "Global Policy for the Allocation of the remaining IPv4 Address Space", marking the start of the countdown to IPv4 exhaustion. The five RIR heads gather in Miami, Florida, to 'receive' their last /8s from Elise Gerich, Vice President IANA. 1

→ MAY

- African DNS support programme (AfDSP) launched.

→ JUNE

- AfriNIC-14 Meeting held in Dar-es-Salaam, Tanzania. Over 200 people attend.

→ AUGUST

- AfriNIC signs an MoU with the Commonwealth Telecommunications Organisation (CTO).

→ NOVEMBER

- AfriNIC-15 Meeting held in Yaounde, Cameroon. 156 people attend. 2

SEUN OJEDEJI AND ADAM NELSON

AFRINIC Policy Development Working Group co-Chairs 2015

The first AFRINIC public policy meeting was in May 2004, during which our first four policies were discussed. Each one of them was adopted and since then 20 more public policy meetings have been held and over 35 policies have been discussed. More than 80% of these have been approved and implemented. The policy discussion list has also witnessed over 5000 messages with the quality of the conversation getting better over the years. We have also experienced great leadership starting from Vincent Ngundi, the first Chair (of the previously called Policy Development Process Moderator Group) up until now and have enjoyed the support that comes from AFRINIC's current Policy Manager, Ernest Byaruhanga. The history of AFRINIC policy development would not be complete without mentioning our former CEO Adiel Akplogan who provided an enabling platform for the community. We are particularly delighted that the new CEO, Alan Barrett, is indeed a PDP Co-Chair alumnus and we use this opportunity to formally thank him for his service. 10 years down the road and we can say a lot has been achieved, but all these achievements would not have been possible without the support of the entire community, and we believe that with an increasingly vibrant and broad community, more ground-breaking achievements will be made that we will all be proud to talk about when we celebrate the next decade.

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2012

STAFF 35 **TRAINING COURSES** 12 **MEMBERS** 856

ADDRESSES DISTRIBUTED
IPv4 **52,473,088** IPv6 /32s **4,196**

ASNs ASSIGNED **141**

→ MARCH

- African IPv6 Task Force launched.
- First IPv6 Webinar for African Operators held. Over 70 people attend online.

→ MAY

- AfriNIC launches a rebrand, unveiling a new way of writing its name: AfriNIC is now known as AFRINIC. 1
- Online voting platform launched. Members can now vote online during AFRINIC elections.
- The AFRINIC-16 Meeting held in Serekunda, The Gambia. 284 people attend.
- The Africa Internet Summit (AIS) is launched during the AFRINIC-16 Meeting by AFRINIC and the AfGWG.
- Alain Aina, AFRINIC's then Special Projects Manager, wins the prestigious Network Information and Infrastructure (NI&I) Service Award. 2
- AfriNIC's flagship development programme, the Fund for Internet Research and Education (FIRE), launched. The FIRE programme promotes Internet development in the African region through small grants and awards to regional ICT development projects: www.fireafrica.org. 3
- DNSSEC signatures in reverse DNS zones enabled.

ALAN P. BARRETT
Internet Pioneer and AFRINIC CEO 2015

Building consensus in the community was difficult in the early days, but we have overcome our differences and created an organisation that enjoys widespread support.

→ JUNE

- World IPv6 Day launched. AFRINIC celebrates with a day of IPv6-related presentations and discussions on what deployment means for Africa.

→ JULY

- Ms Anne-Rachel Inné, a key figure in the African and global Internet industry, appointed AFRINIC Chief Operations Officer (COO).

→ AUGUST

- AFRINIC's IPv6 Training achieves IPv6 Gold Certification. 4
- Dedicated portal for training and education launched – training.afrinic.net.
- AFRINIC IPv6 Training Program receives new IPv6 testbed, donated by Cisco, from the 6Deploy initiative.

→ OCTOBER

- AFRINIC and ICANN CEOs sign an LoA to facilitate the deployment of anycast instances of the L-root DNS server, operated by ICANN, in the African region. 5
- First AFRINIC Member and Community Survey launched.
- ICANN's Africa Strategy Working Group (ASWG) launched. Dr Nii Quaynor selected to lead the group's efforts.

→ NOVEMBER

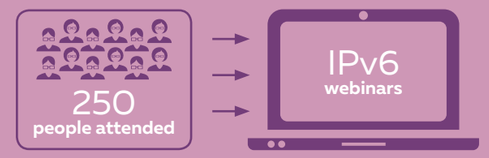
- AFRINIC-17 Meeting takes place in Khartoom, Sudan. 150 people attend. It's the first meeting to feature a parallel IPv6-only network. 6
- AFRINIC, APNIC and LACNIC together secure an AUD $1.5 million SIDA Grant to promote Internet innovation in developing economies through their respective grants and awards programmes.

QUOTE

FADI CHEHADÉ
CEO ICANN

Today as AFRINIC celebrates 10 years of operation, we remember and salute the tireless efforts and volunteer spirit of the global Internet community and especially the Africa Internet pioneers - Dr Nii Quaynor, Pierre Dandjinou, Mouhamet Diop, Tarek Kamel, Alan Barrett and most importantly, the founding CEO Mr Adiel Akplogan. And this is just to mention but a few of the esteemed pioneers to whom the Internet community owes so much! Thank you for a job well done. Indeed we shall forever be indebted to your collective wisdom and foresight, hard work and tireless efforts, which ensured that AFRINIC survived its formative years to become a well-structured and efficient RIR. I want to appeal to Africa to ensure that its voice and influence is heard in the global Internet debate, especially in this defining moment as the global community develops a proposal to transition the IANA stewardship from the NTIA. I truly believe that our collective efforts will culminate in a common shared goal: a single, interoperable Internet supported by stable, secure and resilient unique identifier systems. Happy 10-year anniversary!

FUN FACT 2006



AFRINIC PROUD TO BE IPv6 READY!

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AFRINIC Training session in Dar-es-Salaam, 2014

Voting takes place during an AFRINIC Meeting

The FIRE Programme Awardees in 2013

Social events are a big part of each AFRINIC Meeting and provide a chance to relax and network in an informal setting.

SPECIAL THANKS TO THOSE WHO HAVE CONTRIBUTED TO AFRINIC AND THE COMMUNITY OVER THE YEARS

PIERRE OUEDRAOGO

Credit: dot Africa

THEO KRAMER

Credit: zoom.co.ug

BRIAN LONGWE

FIONA ASSONGA

MAIMOUNA DIOP

AMINATA A. GARBA

JEAN ROBERT HOUNTOMEY

RASHIDA JOUHARI

VIV PADIACHY

2013

STAFF 40

TRAINING COURSES 16

MEMBERS 1,020

ADDRESSES DISTRIBUTED

IPv4 **59,354,368** IPv6 /32s **51**

ASNs ASSIGNED 167

→ JANUARY

- New bylaws adopted by the Board after community consensus.
- AFRINIC's Council of Elders created.

→ MAY

- AFRINIC partners with TV White Space Africa Forum.

→ JUNE

- AFRINIC-18 Meeting and the first Africa Internet Summit (AIS) held in Lusaka, Zambia. Over 400 people attend this inaugural event. 1
- Alan Barrett wins the 2013 NI&I Service Award. 2

→ OCTOBER

- The leaders of the organisations responsible for coordination of the Internet technical infrastructure globally issue the Montevideo Statement on the Future of Internet Cooperation.

→ NOVEMBER

- AFRINIC-19 held in Abidjan, Cote D'Ivoire. 400 people attend. 3

MICHUKI MWANGI

NI&I Young Professional Award Winner 2010, Senior Development Manager for Africa, Internet Society

10 years go, the African Internet community was small, the networks and "eyeballs" were largely invisible. Today, not only has the African Internet community flourished but the number of African networks and "eyeballs" has soared. Thanks to AfriNIC, we can now define, measure and value our Internet, the "African Internet"! AfriNIC! En avant!

DOUGLAS ONYANGO

NRO-NC/ICANN ASO-AC Representative, AFRINIC NomCom Chair 2013, Program Manager, WIPRO Technologies

The formation, and subsequent growth of AFRINIC, has been nothing short of spectacular: the gradual growth, from a handful of meeting attendees to roomfuls; to the burgeoning quality and intensity of community deliberations; to the continued maturity and competitiveness of the board in discharging its duties. Even with all the pains, it's been very gratifying, and I am proud to be a part of it. My very best compliments to the community on making it to 10 years. I sincerely look forward to another decade of development, transformation and engagement.

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2014

STAFF 42

TRAINING COURSES 12

MEMBERS 1,154

ADDRESSES DISTRIBUTED
IPv4 **71,815,168** IPv6 /32s **51**

ASNs ASSIGNED **140**

→ MARCH

- The US NTIA announces the intention to transition the oversight of key Internet functions, including the Internet Assigned Numbers Authority (IANA), to the global Internet multi-stakeholder community. The AFRINIC community, together with the other RIR communities, begin preparing a proposal for a new phase in the development of the Internet numbers industry.
- AFRINIC WHOIS webupdate platform launched: objects can now be created, updated and deleted in the Whois database via the AFRINIC website.

→ MAY

- AFRINIC-20 Meeting and the AIS'14 takes place in Djibouti. Over 400 people attend. 1
- First Digital Content Localisation for Africa Workshop, led by AFRINIC's Duksh Koonjoobeeharry, takes place during the AIS'14. 2
- AFRINIC signs Letter of Intent (LoI) with the ITU-BDT Director Mr Ibrahima Sanou to promote IPv6 deployment throughout Africa. 3
- Global IPv4 supply reaches critically low level, triggered by LACNIC's pool of available IPv4 address space reaching a /9.
- AFRINIC launches New Membership Registration Portal.

→ JUNE

- AFRINIC installs RIPE Atlas Anchor on its Infrastructure in Mauritius.

→ JULY

- AFRINIC's IANA Stewardship Transition discussion list launched.
- AFRINIC CEO represents the NRO together with APNIC Director General in London at the first gathering of the IANA Functions Stewardship Transition Coordination Group.

→ AUGUST

- AFRINIC launches new version of WHOIS.

→ SEPTEMBER

- AFRINIC Board of Directors announces departure of founding CEO Adiel Akplogan.
- AFRINIC deploys its own Internet Routing Registry (IRR), the first to orginate in Africa, and calls for members to populate it.
- The IANA allocates a /12 of IPv4 address space to AFRINIC and each of the other four RIRs in accordance with the "Global Policy for Post Exhaustion IPv4 Allocation Mechanisms by the IANA".
- The five RIRs set up the Consolidated RIR IANA Stewardship Proposal (CRISP) Team to produce a single proposal for the transition of the IANA functions from the global IP addressing community.

→ NOVEMBER

- AFRINIC-21 Meeting held in Mauritius. Over 170 people attend. 4
- Survey launched to gather the AFRINIC Community's input on the IANA Stewardship Transition.
- AFRINIC/RIPE Atlas project launched to support Internet measurements both globally and within the African region.

→ DECEMBER

- AFRINIC closes its 10th year of formal operations with 42 dedicated staff, over 1,150 members, an innovative community of thousands, a loyal Board of Directors, an experienced Council of Elders and a huge network of local, regional and global supporters and partners.

MARK ELKINS
Internet Pioneer and AFRINIC Board member 2006 - 2015

AFRINIC may have taken a few years to complete its own incubation but since then, over the last ten years, it has become the most successful and important Internet organisation to cover the African continent. It is a leader in the training it gives throughout the continent and an amazing example of community driven, bottom-up governance. It's a glowing example for others to follow.

IN REMEMBRANCE

In Remembrance of Tim Christensen, Quality Assurance Manager, ARIN, who passed away in 2014. Tim single-handedly undertook all the technical work to build and prepare AFRINIC's original Database in 2004, before AFRINIC was formally recognised as an RIR. When AFRINIC opened for business, it opened with a database ready to go and this was down to Tim, who devoted six months of his professional life to this project. Thank you Tim.

AFRINIC - A DECADE OF OPEN AND COMMUNITY-DRIVEN NUMBER RESOURCE MANAGEMENT IN AFRICA

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THANKS

Thank you to all organisations and individuals who have supported AFRINIC, the AFRINIC community and the African Internet:

AAPSI • Ace • Af* • AFCOM • Afilias • AfricaCert • AfGW • AfNOG • AfPIF • AfREN • AfTLD • African Telecommunications Union (ATU) • Agence de Régulation des Télécommunications et Des Posts (ARTP) • Agence Intergouvernementale de la Francophonie • Agence Nationale des Infrastructures Numériques et des Frequences Gabon • Agence universitaire de la Francophonie Senegal • AIG • Altech Stream • Amanah • AmaSampo • AN3L • APNIC • Arab Republic of Egypt Ministry of Communication and Technology • ARCEP • ARIN • Artel • ATCON • Bit Internet Technology • Bringcom • CAC Bank • Camtel • Communications Commission of Kenya (CCK) • China Telecom • Cisco Systems • Cloud Innovation • Commonwealth Telecommuncations Organisation (CTO) • Computer Point • Computer Technics • Consulintel • CRDB Bank • co.za • Cyberspace Networks • Data Communications Limited (DCL) • Department of Communications, Republic of South Africa • Domain Name Services • Dot Africa • Discovery Tours the Gambia • Djibouti Data Center • Dr Nii Quaynor • EgyNet • Egyptian IPv6 Task Force • Emtel • Epistrophe • expresso • France IX • Freenom • Gambian Public Utilities Regulatory Authority • Gambian Ministry of Information and Communication Infrastructure • GAMTEL • General Data Engineering Services Nigeria • Google • Government of Mauritius • Groupe OCP • HE Prof. Dr. Venancio Massingue • HTCE Tchad • Huawei • Hurricane Electric • IANA • ICI Centre Ethiopia • ICANN • iConnect • Information Technology Association of The Gambia (ITAG) • Internet Solutions • International Telecommunications Union (ITU) • Institute for University Digital Governance, Cameroon • I-Services Togo • ISP Association of Zambia • ISPAG • ISOC • ISOC Botswana • ICOC Cameroon • ISOC Chad • ISOC Liberia • ISOC Mali • ISOC Sierra Leone • ISOC South Africa • ISOCEL Telecom • ISPA Zambia • IXPN Institute • Jaguar Network • Jianzu Post • KENIC • Kenya Data Networks • Kigali Institute Science & Technology • KIST • LACNIC • Libya Telephone and Telecom • LinkdotNet • Linkserve • Liquid Telecom • Lonatel • Malawi Internet Service Providers' Association - MISPA • Mauritius Telecom • Maroc Telecom • Meditel • Microsoft • Midland State University Zimbabwe • MICTI • Ministry of Higher Education, Cameroon • The Ministry of Information, Communications & Telecommunications of Swaziland • Ministry of Posts and Telecommunications, Cameroon • MTN • Moov • National Computer Board Mauritius • National Information Technology Agency Ghana • National Telecommunications Corporation Sudan • National University of Science & Technology Zimbabwe • Neotel • Netcom • Network Startup Resource Center (NSRC) • networktheworld.org • Nigeria ICT Forum/Bandwidth Consortium • NFT Consult LTD • NMB • NSRC • NTRA Egypt • The Number Resource Organization (NRO) • ONCF • open-root.eu • Open Source Foundation of Nigeria • Orange • Orbit • Organisation internationale de la Francophonie (OIF) • Public Utilities Regulatory Agency The Gambia • QCELL • Ringo • RIPE NCC • Rwanda Development Board (RDB) • Rwanda ICT Association (ICT) • Rwandatel • Salaam African Bank • Seacom • SES • Simbanet • Skannet • Skyvision • Smile Open Source Solutions • Sudatel • Swift Global • Tandberg • Tanzania Communications Regulatory Authority • Tanzania Revenue Authority • TE Data • TeleGlobe • Telecom Italia • Telecom Plus • Teletech • TERACO Data Environment • Tespok • TSPAK • Tunisian Internet Agency (ATI) • TV CABO Mozambique • .tz NIC • UniForm South Africa • Unique Solutions • United Republic of Tanzania, Ministry of Communication, Science and Technology • Universite Cadi Ayyad Morocco • Université Cheikh Anta Diop • University of the Gambia • Vanilla Networks • Vint Cerf • Vision Valley • VSNL International • Weblogy • White Sands Beach Resort, Tanzania • WIA • .ZACR • Zantel • Zicta

Thanks to all the previous AFRINIC Board Members for your dedication to AFRINIC:

Nezar N. Sami (2010-2013) • Ndeye Maimouna Diop Diagne (2010-2013) • Khaled Koubaa (2010-2013) • Alioune B. Traore (2010-2013) • Lillian Wambui Karanja (2009-2012) • Jean Philemon Kissangou (2008-2011) • Didier R. Kasole (2008-2011) • Mokthar Hamidi (2007-2010) • Pierre Dandjinou (2007-2010) • Rachida Jouhari (2007-2010) • Silvio Almada (2006-2012) • Badru Ntege (2006-2009) • Viv Padayatchy (2005-2011) • Sunday Folayan (2004-2010) • Keneth Yiptong (2004-2008) • Gaëtan Bouraga (2004-2008) • Pierre M. Kasengedia (2004-2008) • Alan Levin (2004-2007) • Kamal Okba (2004-2007) • Brian Longwe (2004-2009) • Alan Barrett (2001-2009) • Charles Mussi (2001-2006) • Kouma D. Cyriaque (2001-2004) • Theo Kramer (2001-2004) • Richard Bell (2001-2004) • Zakaria Amar (2001-2004) • Yann Kwok (2001-2004) • Nii Quaynor (2001-2004) • Tarek Kamel (2001-2004) • Haja Ramboasalam • Lala Andriamampianina (2011-2014) • Janvier Ngnoulaye (2011-2014)

Thank you to the NI&I Service Award winners and Young Professional Award winners for your contribution to the African Internet:

A. A. Akplogan (2009) • Mark Tinka (2009) • Anne-Rachel Inné (2010) • Michuki Mwangi (2010) • Alice Munyua (2011) • Jean Robert Hountomey (2011) • Alain Aina (2012) • Chimwemwe Frederick (2012) • Alan Barrett (2013) • Patrick Okui (2013) • Boubakar Barry (2014) • Abibu Ntahigiye (2014) • Francis Frederick Tusubira (2015) • Mukom Akong Tamon (2015)

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HAPPY 10 YEARS ANNIVERSARY

AFRINIC 10 YEARS
The Internet Numbers Registry for Africa

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