



The ID4Africa Movement



2017/2018 Annual Report

A review of the year's achievements and initiatives, including highlights from the Annual Meeting, the Ambassador Program and the 2018 Intelligencer, which summarizes what we learned about identity in Africa in this past year from surveys and otherwise.

A letter from the Executive Chairman of ID4Africa

It gives me pleasure and honor to present to you the Annual Report of the ID4Africa Movement for our 2018 fiscal year that ended June 30, 2018. Thanks to the continued active and passionate engagement of the ever-growing number of supporters of the Movement, 2018 can only be characterized as a significant milestone on the road of awareness-building and advocacy towards identity for all in Africa.

During this past year, we reinforced our foundation while we institutionalized new structures to enhance engagement with our constituency. We have done this while maintaining the balance of interest among the three stakeholder groups that make up the Movement: The African governments, the development agencies, and the industry.

Some of the highlights of the year, which we cover in depth in this Annual Report, include:

- **An Annual Meeting that broke new records and new grounds:** The year culminated in our 4th Annual Meeting, themed *Harmonization of Identity Schemes*, held April 24-26, 2018 in Abuja, Nigeria and which was proudly and ably hosted by the National Identity Management Commission (NIMC). The meeting was more intense than anything we had experienced before, and it welcomed **over 1500 delegates from 81 countries including 41 African nations**. To appreciate the significance of this event, it helps to know that it brought together into one place representatives of **427 different public and private organizations** that care about identity as a driver of social and economic development, humanitarian action, security and facilitation. By any measure it was a huge success and it ushered

the emergence of the ID4Africa ecosystem, where many different activities and stakeholders converged and synergized off each other—some planned and some transpired spontaneously. The dialogue and the program attained a very high level of maturity and most of the discussion was actionable. This is a reflection of the fact that identity programs in Africa are on the move and are gaining momentum and that delegates are now coming to the Annual Meeting, seeking targeted knowledge.

- **Development of ADN:** This is the African Delegate Nomination Program which we put in place to ensure Pan-African and sectoral inclusiveness while enhancing the quality of participants for the Annual Meeting. This system has allowed us to make ID4Africa more accessible than ever to a larger number of highly qualified participants.

- **DigiHealth:** In 2018 we launched a symposium that focuses on the transformative power of digital identity in health—DigiHealth. The enthusiastic response convinced us that there is an ongoing need that justifies a second edition which will be held on June 19, 2019 in South Africa, on the margins of our Annual Meeting.

- **The Almanac:** This is a new publication, launched in 2018, that not only serves as a guide to the Annual Meeting (program, speakers and exhibition), but also as a reference of lasting value. It contains a curated selection of featured articles from thought leaders on the most pertinent topics of the year and includes the Buyers Guide and the Industry Directory. We intend to produce a new edition each year to commemorate progress on the road towards our ultimate destination—legal identity for all.



- **Institutionalized Knowledge Flow:** our various channels of engagement (Ambassadors, Surveys and the Sessions at the Annual Meeting) have uncovered a wealth of information of tremendous value in guiding the development agenda and in directing our priorities going forward. We present the highlights of what we have learned in 2018 about the African identity ecosystem, in a **not-to-be-missed chapter** in this report (Section 5).

- **Launching the petition for International Identity Day:** ID4Africa made history in April of this year by being the first initiating organization to officially launch a petition calling for the recognition of September 16 as International Identity Day (homage to SDG 16.9). The petition, which was launched during the opening ceremony of the Annual Meeting, was endorsed by NIMC of Nigeria and was received with great enthusiasm by the attending delegates, resulting in over 1500 written signatures by the closing day. This significant show of support not only indicated a general consensus about the urgency of identity, but that the time has truly come for the world to recognize one of the most important assets a human can possess – their legal identity. We recognize the journey towards the recognition of 16 September as International Identity Day is a long one and will last for several years, but at least an important step in that regard has already been taken.

- **Continued growth of the Ambassadors Program:** The Ambassadors—appointed one per country—play a very important role as liaisons between the Movement and the countries that we serve. They help establish the priorities for the agenda, orient the Movement and ensure that their

countries are correctly represented as well as their concerns. This year the ranks of the Ambassadors grew to 29, representing over 75% of all Africa by population.

In 2018, we stressed a very important objective, which is the necessity of orchestrating the different identity assets in each country so that one identity can flow across all sectors and serve the needs of unique individuals from birth to grave. This concept which was underlying the theme for the Annual Meeting in Abuja, resonated well with the majority of African countries that continue to struggle with fragmented identity systems and with costly redundant investments. While there was no *one size fits all* solution uncovered in the deliberations this year, elevating this objective to an annual theme helped galvanize the efforts of the identity community going forward, even as we recast the theme for 2019 into the « *Identity Ecosystem for Service Delivery* », which was adopted at the General Assembly in Abuja and will serve as the theme for the year and the Annual Meeting to be held June 18-20, 2019 in Johannesburg, South Africa.

I look forward to continuing the journey together and I thank you for your continued enthusiastic support of our collective efforts. Together we will make the difference in Africa.

Sincerely yours
Dr. Joseph J. Atick
Executive Chairman
ID4Africa

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New Initiatives



The African Delegates Nominations Program (ADNP)

African Government delegates are an integral component of ID4Africa’s tripartite at the Annual Meeting and they define the intensity and dynamism of the event. They are senior decision-makers and specialized experts. They come prepared to dialogue and exchange experiences, identify and meet organizations that support development, cultivate a knowledge base that will build capacity within their organization, witness the latest innovations on display at the expo, and discuss their requirements with world leaders in digital identity management solutions. Bringing the right group of participants to the Annual Meeting in any given year is part and parcel of our mode of operation, and we pay close attention to that process.

Since our inception, we have strived to achieve inclusiveness in two important dimensions: Pan-African and multi-sectoral participation in the Movement. This means when it comes to choosing government attendees at the Annual Meeting, it is important that our selection process reflects that inclusiveness. This is a challenge for two reasons. First the total number of places available for attendance is limited by the infrastructure and typically hovers around 1000 seats, unless we are in a country with ample infrastructure (like Nigeria in 2018). More importantly, there is a budget constraint which changes from year to year depending on how successful we are in attracting sponsors.

Both constraints require a decision-making process that prioritizes participation based on the urgency of the capacity building needs of each country at the

decision-making moment, as well as the desire to maximize inclusiveness in the sense just explained. For that reason, this year, ID4Africa developed a custom Management Information System (MIS) in support of a process we call the **African Delegate Nomination Program (ADNP)**. This program is essentially a quota policy that is updated each year depending on the fact patterns and the needs that we uncover across the continent through our various engagement channels (surveys, ambassadors, missions, collaborations with development partners etc).

The ADNP is initiated typically 8-9 months in advance of the Annual Meeting date, through the invitations that are sent to Director Generals and institutional heads of the identity stakeholders in all African countries. The leadership is asked to nominate their delegates for consideration of financial support for attendance of the upcoming Annual Meeting. The nominations are onboarded onto the MIS which acts as a tool in support of our selection process. The MIS takes into account applicant rationale for attendance, feedback and input from Ambassadors, the inclusiveness constraints, the budget quota as well the levels of demonstrated engagements of returning delegates (participation in surveys, contribution at the Annual Meeting, reliability and responsiveness, social media presence, etc.) and rank orders the candidates in a priority list, which is subsequently examined and validated by the Selection Committee. Selected candidates are invited to register to attend, and our operations team engages with them to arrange their travel details.



This selection process proved to be successful in 2018 as can be judged from our Inclusiveness Matrix (See table below). It has also allowed us to better interface with development partners to bring to the Annual Meeting additional candidates over and above our budget limit. By removing the budget parameter, we are able to identify highly rated candidates whom we provide with the necessary documentation (such as personalized invitations) and encourage them to seek financial support from development agencies, project or training budgets wherever possible.

This process was implemented very successfully in partnership with the World Bank, which sponsored over 40 highly qualified candidates in 2018.

In summary, we believe in 2018 we have solidified our commitment to Pan-African and sectoral inclusivity and we are now hard at work refining our process even further by implementing more sophisticated data analytics that will be ready in time for the kick-off of the 2019 ADNP (will launch in September 2018).

Inclusiveness Matrix

Multi-sectoral and Pan-African government inclusiveness at ID4Africa 2018 (data extracted from actual attendance). It shows that we have achieved significant Pan-Africanism especially for our core constituency (civil identity and civil registration authorities - see third row which combines the data from 1st and 2nd rows).

SECTORS	BENIN	BURKINA FASO	CAMEROON	COMORES	CÔTE D'IVOIRE	DJIBOUTI	ETHIOPIA	GABON	GHANA	GUINÉE-BISSAU	GUINÉE	KENYA	LESOTHO	LIBERIA	MADAGASCAR	MALAWI	MALI	MAURITANIA	MOZAMBIQUE	NAMIBIA	NIGER	NIGERIA	RD CONGO	CENTRAL AFRI- CAN REPUBLIC	RWANDA	SAO TOME AND PRINCE	SÉNÉGAL	SIERRA LEONE	SOMALIA	SOMALILAND	SOUTH AFRICA	SOUTH SUDAN	SUDAN	SWAZILAND	TANZANIA/ ZANZIBAR	TCHAD	TUNISIA	UGANDA	ZAMBIA	ZIMBABWE	
National Identity Authorities/Commissions		•			•	•			•	•		•	•	•		•					•	•	•				•		•		•						•				
Civil Registers/Birth Registration/Population Registers	•	•	•				•		•			•							•	•		•	•	•			•	•			•	•	•	•	•			•	•	•	
National ID Authorities & Civil Registers Combined	•	•	•		•	•	•		•	•		•	•	•		•			•	•	•	•	•	•			•	•	•		•	•	•	•	•			•	•	•	
Electoral Commissions	•		•		•		•				•			•				•				•		•		•		•		•				•	•						
Banking and Finance/Development/Planning/Budget							•		•					•						•		•	•											•		•					
Immigration/Border management	•								•							•				•		•			•			•	•			•		•							
Health Ministry/Health Insurance Schemes							•					•	•				•			•		•		•			•	•			•	•				•					
Law Enforcement/National Security/Defense/ Intelligence/Federal Road Safety			•	•				•			•						•					•		•				•	•			•									
Social Services						•	•	•			•	•		•	•							•	•												•	•					
MICT/e-Gov	•	•			•		•			•	•					•						•			•		•	•							•				•		
National Statistical Institutes					•		•		•		•				•						•	•												•					•		
President/Vice President/Prime Minister's Office					•						•					•	•		•	•	•	•				•												•			
Legal/Justice/Regulatory/Legal & Human Rights							•		•						•				•			•	•																		
Foreign Affairs/International Relations			•																			•									•							•			
Public Administration & Decentralization						•									•		•			•		•	•	•				•									•				
Intergovernmental/ Inter-African Organizations																						•																			

The majority of government delegates that attend the Annual Meeting of ID4Africa are supported financially, either totally or in part, by ID4Africa. Without that support those delegates would not be able to travel and attend, since most African institutions lack meaningful budgets dedicated to capacity building and training missions abroad..

The 2018 ID4Africa Almanac

This year we were excited to launch the ID4Africa Almanac at the Annual Meeting in Abuja, Nigeria. The ID4Africa Almanac is a publication curated by Executive Chairman Dr. Joseph J. Atick, and serves as an annual record of progress. It is an all-encompassing manual that not only acts as a guide to the Annual Meeting (program, speakers and exhibition), but also serves as a reference of lasting value.



<http://www.id4africa.com/download-center/>
(Sélectionner ID4Africa Almanach 2019) Format 27MB

A LEADING INDUSTRY RESOURCE IN AFRICA

A significant component of the Almanac is a credible selection of featured articles written by industry and development agency experts on the most pertinent topics of the year as guided by Dr. Joseph Atick. We were pleased to see the positive reception from over 30 organizations who embraced the opportunity to share valuable knowledge through this resource.

The ID4Africa Almanac was published in both English and French and distributed to delegates who attended the Annual Meeting. In conceptualizing the purpose of the Almanac we intended to make this an extended resource which every delegate takes home, shares with their colleagues, and utilizes as reference for the full year¹.

The 2018 Almanac included a **Buying Guide** and **Industry Directory** which provides a comprehensive list of solutions, products and technologies represented at the Annual Meeting Expo.

DEMAND EXCEEDING ALL EXPECTATIONS

Needless to say, the first edition of the ID4Africa Almanac was a phenomenal success. A total of 1250 copies were published and distributed to government authorities and other decision-makers at the conference. Yet due to high demand we quickly ran out of print on the very first day! In recognizing its unique and unmatched value, delegates were quick to pursue us for an online copy, which you can also enjoy by downloading from our website or by simply following the link above.

Preparations are well underway for the 2019 Edition of the ID4Africa Almanac as we continue to identify and solicit high quality content that will address the latest needs for knowledge and capacity building.



¹ Based on feedback from delegates in 2018 regarding their desire to take multiple copies of the Almanac to share with their colleagues in their home countries, the number of copies of the 2019 Almanac we intend to print will be least 1.5 times the number of attending delegates.

eHEALTH PLATFORMS



Prof. P. Nyasulu
African Center
for eHealth
Excellence



S. Manhart
SIMPRINTS



Dr. Ousmane-Ly
Ministry of Health
MALI



J. Besançon
HID GLOBAL

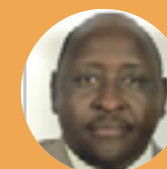
DIGITAL IDENTITY IN HEALTH



Dr. M. Ndiritu
Afya Research
Africa



O. Oyedepo
African Alliance
of Digital Health
Networks



O. Kamau
Ministry of Health
KENYA



D. Haazen
Health, Nutrition
& Population
Global Practice
The World Bank

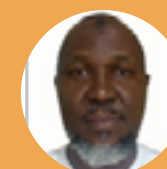


I. Khaliloulah Dia
Ministry of Health
& Social Action
SENEGAL

NATIONAL HEALTH SYSTEMS



S. Saha
Transformational
Health, Frost &
Sullivan



N. Ikharo
National Health
Insurance Scheme
NIGERIA



S. Mills
Health, Nutrition
& Population
Global Practice
The World Bank



P. Hirv
Tallinn Science
Park Tehnopol,
ESTONIA

The DigiHealth Symposium

A PIONEERING APPROACH TO HEALTHCARE IN AFRICA

Digital transformation in developing countries has been systematically revolutionizing the way in which government services are being delivered to the public. They have progressively been adopted in programs for financial inclusion, social protection, banking, education, etc. In 2017, the ID4Africa Identification Survey revealed a clear and present interest in Africa towards exploring the power of digital transformation and identity to service a most basic need—health for all.

Based on what was learned from that survey, ID4Africa took serious initiative to launch a thematic Symposium called DigiHealth, to focus on the convergence of digital platforms including identity in health. The first edition of the Symposium was held concurrently with our 4th Annual Meeting in Abuja, Nigeria on 25 April 2018 (Day 2).

AN INITIATIVE MARKED BY SUCCESS

DigiHealth 2018 focused exclusively on health and emerging technologies, ensuring that participants received the most relevant insight on developments happening within this sector, particularly in Africa. It focused on solving the problem of digital identity and health of African nations while opening our initiative to the world.

Represented by subject matter experts from Ministries of Health, National Health Insurance Schemes, International Organizations and solutions providers, DigiHealth 2018 succeeded in stirring newfound enthusiasm towards Africa's promising future in digital transformation in relation to infrastructural development and systems in national healthcare.

The first edition of DigiHealth, by any measure, was a huge success. This use case was made even more compelling when it became clear that there were numerous problems resulting from the absence of reliable identification systems in health in Africa, that desperately needed to be addressed.

Extending beyond the use of IDs, it was good to learn ways in which digital identity schemes can be of great use in health related issues, as it can allow easy follow up of patients and improve coverage.
Masebeo Koto, Ministry of Health, Lesotho

Great initiative with DigiHealth! It provided an opportunity to share success stories of how technology potentially improved identification in healthcare services with positively impacting outcomes
Paul Macharia, Ministry of Health, Kenya

Needless to say DigiHealth 2018 exceeded our expectations. Although we anticipated a sizeable interest based on the response to our pilot session in the 2017 Annual Meeting, we ended up attracting more participants than other sessions running in parallel. The response to DigiHealth 2018 from the healthcare community set a new record and dispelled any lingering doubts that we were right on track in responding to a significant demand in Africa.

Participating Organizations @ A Glance



In recounting the intensity, the depth of discussions and the active engagement from the attending delegates we remain convinced that there is a clear need for DigiHealth in the future of ID4Africa. With this, we have begun planning for the second edition of DigiHealth, which will be held concurrently with the 5th Annual Meeting of ID4Africa on 19 June 2019 (Day 2), in Johannesburg, South Africa.

A yearly gathering of identity stakeholders with a mutual purpose, to review and fashion a uniform digital identity scheme across African states.
Kenneth Okerefor, National Health Insurance Scheme (NHIS), Nigeria

ID4Africa made history in April of this year by being the first initiating organization to officially launch a petition calling for the recognition of September 16 as International Identity Day. The petition was announced during the opening ceremony of the Annual Meeting in Abuja, Nigeria on 24 April, during which campaign buttons and information flyers were handed out to all who attended.



International Identity Day

The objective of this initiative is to raise awareness of the importance of identity in a modern society and to pay homage to SDG 16.9 which calls for legal identity for all including birth registration by 2030. The petition was endorsed by the National Identity Management Commission (NIMC) of Nigeria and was received with great enthusiasm by the attending delegates, resulting in over 1500 written signatures by the closing day. This significant show of support not only indicated a general consensus about the urgency of identity, but that the time has truly come for the world to recognize one of the most important assets a human can possess – their legal identity.

ID4Africa is well aware that this is only the first step in a long journey that could take several years. In the coming year we will begin sensitizing member states at the United Nations about the importance of voting in favor of the recognition of that day at the U.N. General Assembly when the resolution is put to a vote. In the meantime we will seek a sponsor of the resolution that will propose this initiative as an item on the agenda of a future General Assembly.

Essentially, this campaign will continue until it has reached sufficient support to warrant a vote at the United Nations General Assembly headquarters, New York, USA.

If and when adopted, countries and organizations that choose to observe this day, would be encouraged to organize events and activities that stimulate public awareness and sensitize legislators and public servants about the responsible adoption of legal identity and the necessary protections around it to ensure that it is a tool for public good.

OUR MOTIVATION

Many important issues on the international development and human rights agenda have an observance day (by last count there are over 130 observance days). For example, 10 December is Human Rights Day, while 20 June is Refugee Day. We felt it was time for identity to have a day of observance within which countries observe in the way appropriate to the needs of their own identity ecosystem.

WHY SEPTEMBER 16?

The choice of the date is in recognition of Sustainable Development Goal (SDG) 16.9 which calls for legal identity for all including birth registration by 2030.

CALL FOR ACTION

ID4Africa calls upon all identity stakeholders around the world to join it by signing our petition which will be used to drum up support of member countries at the United Nations General Assembly, pursuant to UN protocol for declaration of observance days.

The petition can be signed online at www.id-day.org.





Reinforcing Our
Foundations

The Ambassadors Program is a platform for empowering African Civil servants to guide and advance the identity agenda in Africa. It consists of senior-level representatives of government agencies that are considered identity stakeholders in their country. The Ambassadors play an integral role in shaping the direction of the ID4Africa Movement, keeping the organization informed at a granular level about issues that are pertinent to the whole identity ecosystem in Africa.

The ID4Africa Ambassadors



ARTICLE FEATURE ON THE ID4AFRICA AMBASSADORS

Not often do we have an external media group make an initial request to cover particular segments of the ID4Africa Movement. This year, Steve Atkins, Program Director of the Silicon Trust, seized the opportunity to run an exclusive feature on the ID4Africa Ambassadors Program. In his article, he took an in-depth approach to the important role the Ambassadors play in developing the Movement. He also conducted one-on-one interviews with a few of the Ambassadors to hear their personal story, their motivations and value in continuing to support the ID4Africa Movement.

The feature can be found in the April 2018 Special Edition of The VAULT Magazine which can be downloaded at:
http://www.id4africa.com/2018/files/ID4Africa_Ambassadors_Program_Feature_by_The_Vault_Magazine_2018_lowR.pdf





The Annual Identification Survey

Each year, ID4Africa conducts an annual Identification Survey to generate factual insight into Africa's needs and priorities towards the development of identity programs and schemes. It is sent exclusively to African government delegates registered to attend the Annual meeting, and those who, although not slated to attend in the current year, have participated in previous meetings and are still actively working in a relevant government ministry or department.

The survey was offered in two languages – French and English – and sent to government representatives in 41 African countries. The two groups were tracked separately in order to adapt to language in which the survey was taken and also to find out if there were statistically significant differences between them, given the different historical and political backgrounds and systems & evolution pathways of their respective identification practices. The total number of recipients who took the survey in 2018 was over 350, of which more than 300 completed it 100%. Responses that had over 80% of the questions complete were admissible and as a consequence the number of responses varied depending on which questions were not skipped. Approximately (2/3) were classified Anglophone and (1/3) Francophone.

This year's survey results emphasized the quantitative aspect more than the qualitative. It presents analysis from 37 questions that had branches for a total of about 50 questions. The survey also allowed for open-ended answers to some of the questions and a comments section at the end. An overwhelming majority of respondents (over 85%) chose to provide open-ended narrative in the comments section at the end of the survey. Those comments were analyzed in order to identify certain trends that were spontaneously offered by respondents.

The 2018 Intelligencer

Section 5 of this report summarizes 25 significant facts mostly taken from the Annual Identification Survey considered to be of key importance in better understanding the identity market in Africa.

Lucky Draw Winners

Each year, participants of the Annual Identification Survey are automatically entered in a lucky draw to maintain momentum and provide fun incentive for those who have taken the time to contribute their own insight on the identity



landscape in their country. This year, in addition to giving away 5 iPads to lucky winners randomly drawn from the list of those that completed the survey, we were pleased to collaborate with the Center for Global Development (CGD) to further extend this sweepstake by adding another exciting prize.

The CGD donated 50 copies of their recently published book "Identification Revolution", written by Alan Gelb and Anna Metz. The lucky draw for this informative resource was held on Monday, 26 March 2018 under the supervision of an official from the International Organisation of the Francophonie (OIF) office in Paris. The winners of this first segment of the sweepstake were able to pick up copies of the book at the Annual Meeting in Abuja, or have them collected by their proxy.

WINNERS OF THE 2018 IDENTIFICATION SURVEY LUCKY DRAW FOR iPADS



The 2018 Annual Meeting

About the 4th Annual Meeting

ID4AFRICA BREAKS NEW GROUND IN 2018!

The 4th Annual Meeting of the ID4Africa Movement, themed “**Harmonization of Identity Schemes**” was held on 24-26 April 2018 at the Abuja International Convention Center in Nigeria. The meeting was proudly hosted by the National Identity Management Commission (NIMC) of the Federal Republic of Nigeria.

ID4Africa 2018 came at a time when identity development in Africa has been gaining momentum after a solid year of progress across the entire continent. Nigeria is well on its way to harmonize its identity practices, Malawi has almost completed the enrollment of its population, Liberia launched its long-awaited ID program, Côte d’Ivoire is about to transform its identity ecosystem, Kenya, Tanzania, Rwanda and Uganda are progressing in facilitating travel across secure borders, etc. Through the collective efforts of the three stakeholders in the ID4Africa Movement (governments, development agencies, and industry) the identity ecosystem in Africa has now entered a new phase of maturity. We found the community to now be richer with knowledge and experience and the marketplace, healthier and more transparent than ever, while continuing to be innovative. This is the transformation ID4Africa has sought to trigger since its inception, and this is only the beginning as we continue to see signs for sustained and accelerating growth in identity-related activities ahead, especially as financing from development agencies, led by the World Bank, begins to flow more systematically throughout Africa.

The place to be for everyone interested in ID-management in Africa. Here you will get the best overview over the development in the field, meet representatives from the relevant countries, agencies and industry that are involved in ID registration in Africa.

Zybelin Beck, Norwegian ID Centre, Norway



Congratulations to ID4Africa and NIMC, Nigeria, for a wonderful conference. As promised it was bigger and better. Lots of work to do now to provide legal identity and digital identity to all in Africa, but so much promise, momentum and innovation already exists.

Jonathan Marskell, The World Bank



1098 INTERNATIONAL DELEGATES
(*1545 including Nigerian Government delegates)

41 AFRICAN NATIONS & TERRITORIES

26 DEVELOPMENT AGENCIES

Highest PAN-AFRICAN RECORD!

By any measure the 2018 Annual Meeting broke new records and established new ground. The meeting was attended by over 1500 stakeholders from the African and international identity ecosystem. For ID4Africa this represents a significant milestone in the Movement which seeks to impact a growing audience through knowledge exchange and capacity building in advocacy towards identity for all.

427 ORGANIZATIONS FROM 81 COUNTRIES WORLDWIDE ...UNITED UNDER ONE THEME!

Participants included senior level African government representatives from 41 African markets, as well as international development agencies and solutions providers, collectively from across Africa, Asia, Europe, and the Americas, including the Caribbean.

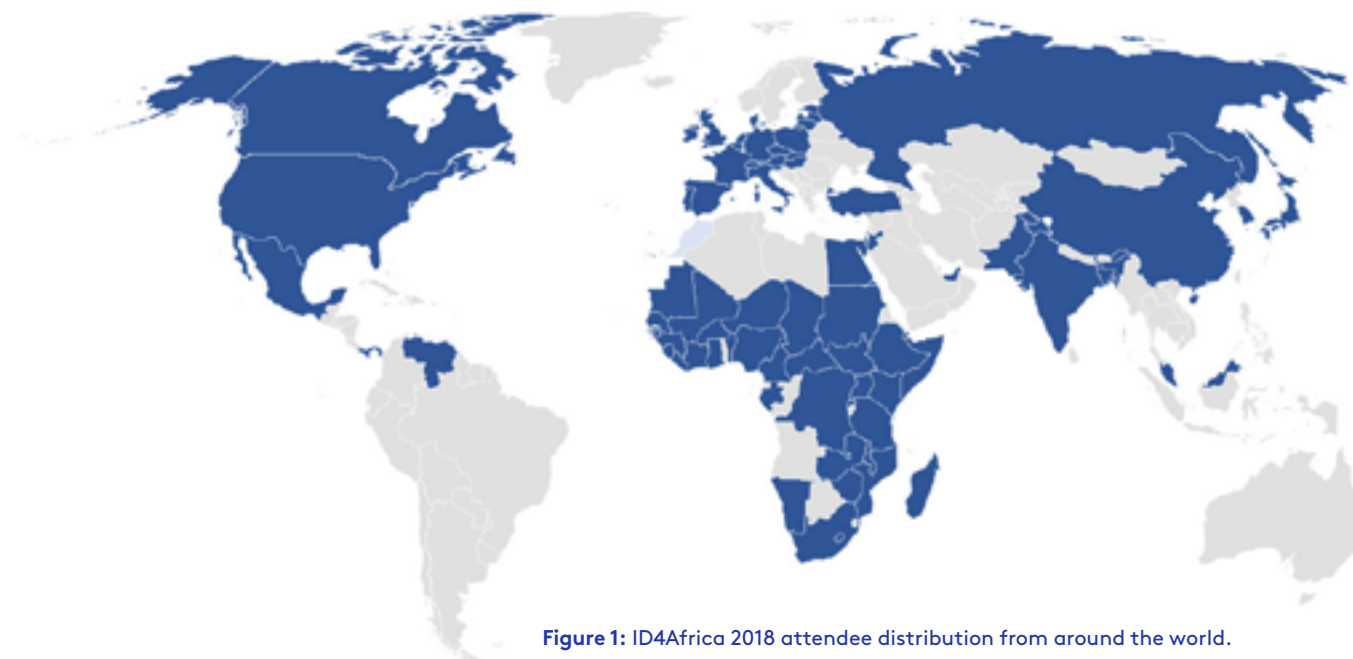


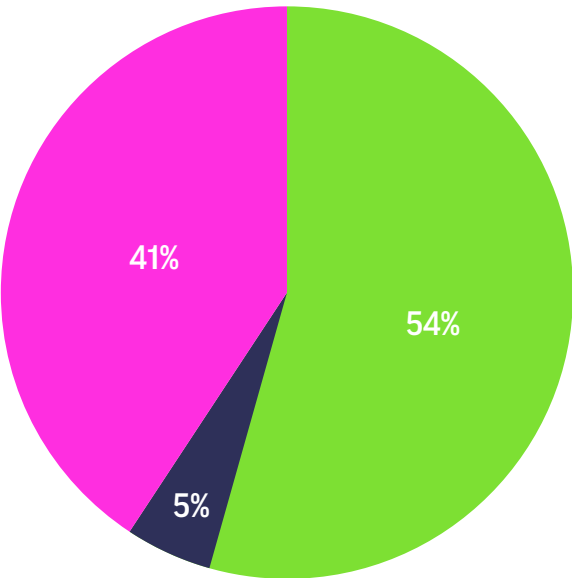
Figure 1: ID4Africa 2018 attendee distribution from around the world.

INTERNATIONAL ORGANIZATIONS, NGOS & OTHERS



ATTENDEE COMPOSITION

DELEGATES BY STAKEHOLDER GROUPS



- African & Int'l Government
- Development Agencies
- Suppliers

This tripartite Movement is propelling the continent of Africa to the most appropriate digital identity destination for social and economic development. The planning and organization of the Annual Meetings have carved a niche for itself in terms of organizing global identity conferences in this 21st Century.
Emmanuel Kpakpo Brown, National Identification Authority, Ghana

Greater awareness... very large attendance... so many international (private and government) organizations and agencies. This shows that the awareness and importance of Identity systems in Africa is showing signs of global interest.
Olutayo ONI, IDEMIA

A unique forum bringing together African governments, development partners and experts, and the ID industry.
Alan Gelb, Center for Global Development

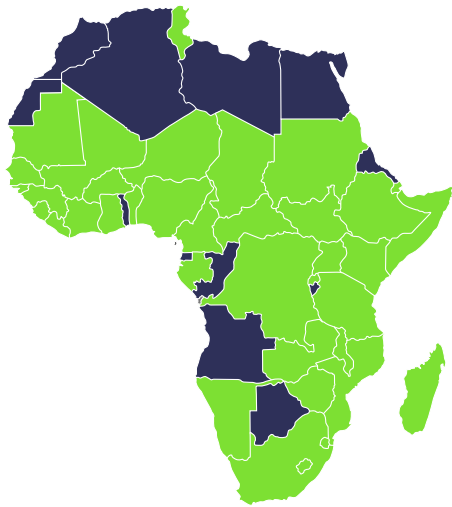
ID4Africa has become a must attend event in the yearly calendar for most African countries. This initiative goes beyond the usual speeches and photo opportunities to actually fostering communication and real collaboration between and amongst African peers.
Mory Camara, ANGEIE, Guinea

No other platform provides such a profound and insightful environment about identification like the one provided by ID4Africa.
George Lwevoola, Ministry of East African Affairs (MEACA), Uganda

NOTE: Due to a significantly higher level of attendance of representatives from local Nigerian government, those figures were recorded separately as follows: Senior leadership (9%), Operational Leadership (15%), Program/Department Leadership (39%), Technical Leadership (11%), Staff/Administration (18%), Others (8%).

THE PAN-AFRICAN REACH

ID4Africa 2018 marked by strong Pan-African participation with highest record of multi-sectoral diversity.

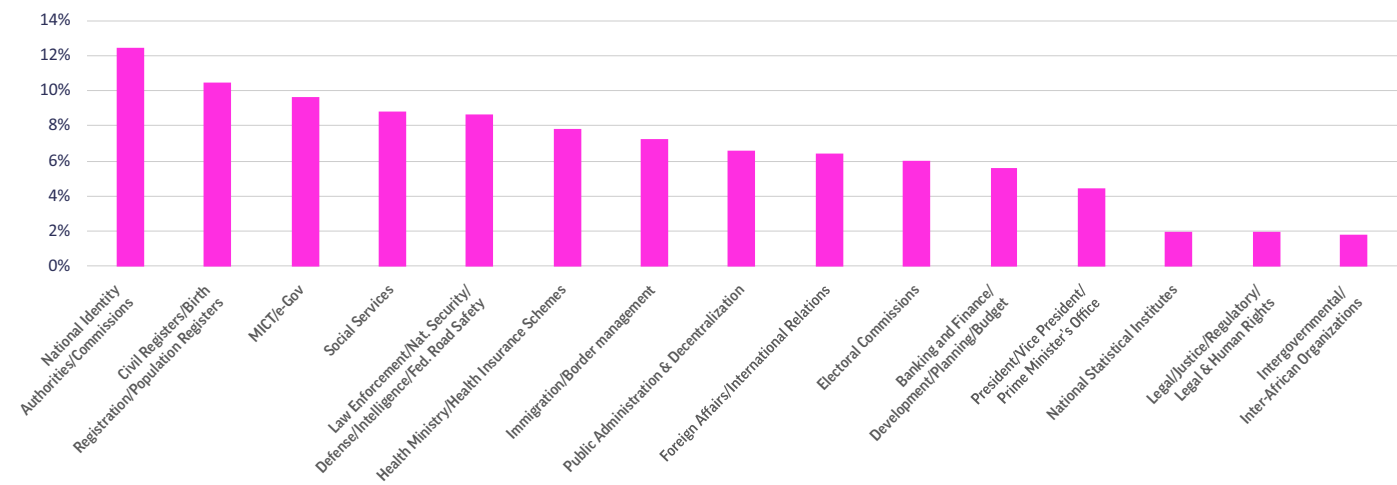


MULTI-SECTORAL DIVERSITY AT ITS HIGHEST

In 2018 ID4Africa not only maintained strong pan-African participation, but made significant strides in achieving greater multi-sectoral diversity. This was largely due to the success of the Movement’s newly introduced government selection process called the **African Delegate Nomination Program (ADNP)**. This ADNP is essentially a quota policy that we strategically developed to ensure that government delegates who would be nominated to attend were

primarily pre-selected by the Director Generals and institutional heads of identity stakeholders in all African countries. Resultantly, 15 primary government sectors in the identity ecosystem were represented by over 500 key decision-makers (not including 209 from the host organization, NIMC). For more information on the ADNP, see our dedicated overview found in Section 1 of this report (New Initiatives).

DISTRIBUTION BY GOVERNMENT SECTORS



Distribution of African government sectors in 2018 (excluding 209 delegates from the host organization, NIMC).

Having a digital identity is a fundamental right. ID4Africa is a unique event bringing together a diversity of stakeholders to strive for one common mission to provide digital identity for all people.
Michiel van der Veen, CEO, European Association for Biometrics

The ID4Africa Meeting was an eye opener on enormous potential that identity has for better governance.
Fiona Bayiga, Uganda Registration Services Bureau, Uganda

VOTE OF CONFIDENCE AT ID4AFRICA 2018

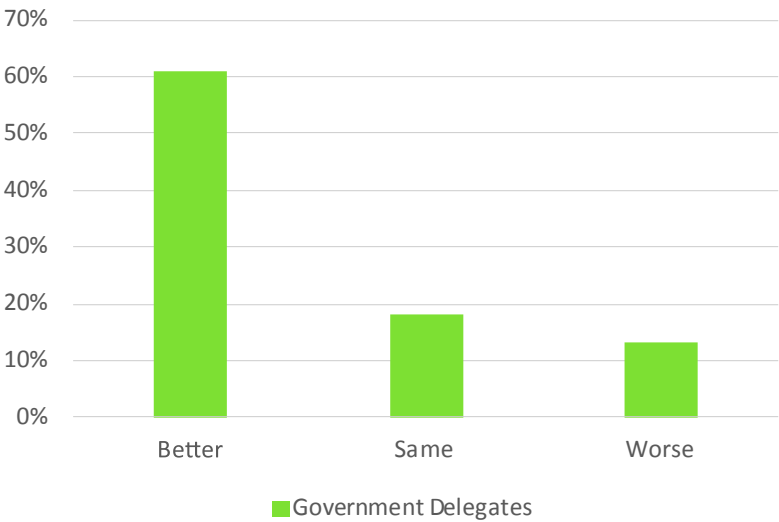
ID4Africa is a meeting of top quality individuals who are experts in the Identification field. It is a must attend event!

Lejite Nanikian Likaala, ONIP, DR. Congo

ID4Africa is now the main important event of our Industry because is able to put together representatives of so many countries that are representing the Emerging World.

Sergio Rainero, Green Bit S.P.A

An overwhelming number of government delegates rated ID4Africa 2018 as better than 2017. This, many remarked, was largely attributed to the added depth and dynamism of the Annual Meeting Program which addressed pertinent topics delivered by an international blend of qualified speakers, each of whom were experts in their domain.



95% OF GOVERNMENT DELEGATES & DEVELOPMENT AGENCIES SAY THEY ARE COMING BACK IN 2019!

Ratings show that ID4Africa’s Annual Meeting is the right place to be for any identity stakeholder.

Lithotech supports all efforts to get National Identification to as many citizens as possible. ID4Africa has played a vital role in getting ID into many African countries and continue to be a major platform to expand and support African governments and industry in this regard. We applaud their involvement and will continue to attend this premiere showcase.

Dana Grobbelaar, Lithotech, South Africa

An absolutely wonderful experience! Without such a forum for exchange of ideas among ID stakeholders in Africa, ID development in Africa would significantly lag behind the rest of the world.

Tiah Nagbe, DG, National Identification Registry, Liberia

ID4Africa is the most important event in the region by far. Great content, great attendants, great organization with a clear mission.

Ion Otazua, Gemalto

THE 2018 PROGRAM

Over the past year, ID4Africa continued to listen closely to Africa’s identification needs through all our engagement channels (ambassadors, annual surveys, and direct engagements). Based on collective feedback we crafted an exceptional program that reflected the intensity of the current climate and responded to the demands of the hour. The 2018 agenda was broadened without losing focus. Over the course of 3 days it explored the applications of identity not only for **socio-economic development**, but also for **humanitarian action, security and facilitation**.

To make it easier for delegates to choose what to attend, the program was organized into plenary sessions on Days 1 and 3 (accessible to everyone), while on Day 2, there were 6 multi-session tracks which ran on specific themes: **eFoundation, eReform, eHealth, eDemocracy, eBorders, and eID Tech**. The pioneering eHealth track, branded DigiHealth, was run as a stand-alone symposium that explored the applications of eID to health, an important element of the current development agenda.

The topics discussed buttress the importance of ID for developmental purposes and the need for African governments to key in for sustainable quality service delivery.

Willies Kwawo, NIMC, Nigeria

Attending ID4Africa 2018 triggered intellectual stimulation of key topics in ID space. It was the diversity of ID topics that made it a unique learning opportunity. Loved the fusion of ideas!

Tariq Malik , UNDP, Malawi

ID4Africa continues to be an opportunity to connect and discuss important ID issues in partnership with multiple stakeholders.

Sophie Ogilvy, De La Rue, UK

The presentations were very insightful and many of the thought leaders in the identity management industry were represented and exhibited various innovative ID systems.

Joseph Kwame Adjei, Ghana Institute of Management and Public Administration (GIMPA), Ghana

PROGRAM @ A GLANCE

DAY 1	DAY 2 PARALLEL SESSIONS				DAY 3
7:30 - 08:30 CONTINUED REGISTRATION & COFFEE	8:30 - 10:00 eFoundation InF1 CIVIL REGISTRATION & LEGAL IDENTITY	eReform InF2 HARMONIZATION: FOUNDATION OF REFORM	eID Tech InF3 ADVANCED SECURE CREDENTIAL PRODUCTION	eHealth DigiHealth 1 eHEALTH PLATFORMS	8:30 - 10:30 PS5 DISRUPTIVE INNOVATIONS & RESEARCH
8:30 - 09:30 PS1 WELCOME & OPENING ADDRESSES	10:00 - 11:30 EXHIBITION, NETWORKING & COFFEE BREAK				10:30 - 12:00 EXHIBITION, NETWORKING & COFFEE BREAK
9:30 - 10:30 OPENING OF THE EXHIBITION, NETWORKING & COFFEE BREAK	11:30 - 13:00 eBorders InF4 REGIONAL IDENTITY & FREE MOVEMENT	eReform InF5 FINANCIAL INCLUSION	eID Tech InF6 DESIGNING HIGH-END CREDENTIALS	eHealth DigiHealth 2 DIGITAL IDENTITY IN HEALTH	12:00 - 13:00 PS6 ID4AFRICA ANNUAL BUSINESS SESSION
10:30 - 12:30 PS2 THE IDENTITY AUTHORITIES	13:00 - 14:00 EXHIBITION, NETWORKING & LUNCH				13:00 - 14:00 EXHIBITION, NETWORKING & LUNCH
12:30 - 13:30 EXHIBITION, NETWORKING & LUNCH	14:00 - 15:30 eBorders InF7 SMART BORDERS	eReform InF8 ENHANCING GOVERNMENT EFFICIENCY	eDemocracy InF9 ID & DEMOCRACY PART I	eHealth DigiHealth 3 NATIONAL SYSTEMS	14:00 - 15:00 PS7 RAPID FIRE SUMMARIES
13:30 - 15:30 PS3 THE INTERNATIONAL AGENCIES	15:30 - 17:00 EXHIBITION, NETWORKING & COFFEE BREAK				15:00 - 17:00 PS8 IDENTITY IN THE FISHBOWL
15:30 - 16:30 EXHIBITION, NETWORKING & COFFEE BREAK	17:00 - 18:30 eBorders InF10 SECURITY & FACILITATION	eReform InF11 DIGITAL TRANSFORMATION OF SERVICES	eDemocracy InF12 ID & DEMOCRACY PART II	eID Tech InF13 MOBILE SOLUTIONS	
16:30 - 18:30 PS4 THE SYSTEMS INTEGRATORS					

A MOVEMENT OF AFRICAN EMPOWERMENT

This year, ID4Africa brought together an impressive line-up of speakers representing thought leadership in identity from around the world. A total of 115 highly esteemed subject matter experts addressed topical issues that hold pertinence to digital identity development in Africa.



NIGERIA



LIBERIA



MALAWI



TANZANIA



CÔTE D'IVOIRE



BENIN



DJIBOUTI



MALI



CAMEROON



NAMIBIA



KENYA



LESOTHO



CENTRAL AFRICAN REPUBLIC



SENEGAL



SOUTH SUDAN



RWANDA



THE WORLD BANK



WORLD BANK - ID4D



CGD



ECOWAS

ID4Africa 2018 was a great event, packed with so much knowledge and great speakers. Its format was very conducive for networking and learning from the leaders in the field.
Eunice Orekha, Federal Ministry of Science and Technology, Nigeria



The ID4Africa Movement is as a movement in the right direction; the presenters as well as the organizers were superb.
D. Franklyn Johnson II, National Identification Registry, Liberia



The presentations at ID4Africa 2018 which comprised of in-depth analysis and briefing related to subjects on transparency and digital identity were very encouraging. The management, speakers, exhibitors and delegates were all so professional and knowledgeable.
Fahad Quddus, Pakistan Security Printing Corporation (PSPC), Pakistan



ID4Africa is THE event you must attend if you are interested in any subject around securing identity in the continent.
Charles Mevaa, Gemalto



Lessons learnt were quite helpful and timely especially given Malawi's recent success in implementing a National Registration Identification System.
Joseph Williams, Department of e-Government, Malawi



The theme of the conference was apt and desirous to all African countries.
Dr. Idi Sule, Tawada Ltd



Speakers @ a Glance



THE ANNUAL EXPO

The Region's Largest Showcase of Identity Technology and Solutions

Positioned within the fastest growing Identity Market in the world, the 3-day ID4Africa Expo, held in conjunction with the Annual Meeting, presented to the industry and government stakeholders a unique platform for exposure to and dialogue about the latest and most relevant technologies and solutions available to address a magnitude of identity needs and requirements in Africa.





A conference that helped my company identify valuable technology partners that would add some innovation to our solutions.
Nathanael Odofoin, sidmach, Nigeria

ID4Africa allowed me the opportunity to learn more about current technologies and how best they can be used to improve Civil Registration and provide credible Identification.
Nompumelelo P.M. Sibeko, Ministry of Home Affairs, Eswatini (Swaziland)

Great Atmosphere to showcase different kinds of biometric technology and other innovations.
kimberly Ozuzu, BizzdeskGroup LTD, Nigeria

SUMMARY

The majority of attendees made it clear that ID4Africa 2018 was yet another successful conference. Delegates left being excited, impacted and inspired by the end of three intense days spent exploring identity matters with like-minded people who are passionate about making a difference for Africa. It really became clear that together through ID4Africa we are making that significant difference.

BUT DON'T JUST HEAR IT FROM US!

I learned a lot from the experience of other stakeholders in identity management in Africa and beyond. The conference offered me an opportunity to interact with companies and experts in identity management equipment and make many connections with world class manufacturers and identity solution providers.
Garba Balarabe, NIMC, Nigeria

ID4Africa has established itself as Africa's biggest Meeting where identity challenges come face to face with innovative technology for last solutions.
Winston Jah, National Social Security and Welfare Corporation, Liberia

ID4Africa is an excellent platform for all parties of the ecosystem, the Governments, private contractors, consultants and industry associations to meet and work towards the goal of sustainable identification and growth of the continent.
Nandan Gopalakrishna, Techno Brain Ltd

A wonderful mix of old charm (experience) and new world sophistication (latest technologies & expertise). All our needs were expertly catered for by the very professional, hardworking and helpful staff. The networking opportunities were massive. Excellent and timely topics all round. Valuable connections made, and I look forward to learning more from these experienced and knowledgeable individuals and future events as well.
Mary Dei Sarpong, GHIPSS, Ghana

ID4Africa is a one-stop-shop for everything related to digital identity. Networking opportunities were massive!
Ebikibina Ogborodi, National Examination Council, Nigeria

It's a great platform to learn new technologies, players and how secured we can be in today's fast moving technological world. Many suppliers have displayed new technologies which is worth exploring. Gone are those days where you could only talk about fingerprints and iris, but there is still so much to learn and these important conferences like ID4Africa guide the way.
Jose Agnelo Vivek, Techno Brain

ID4Africa is a game changer for a continent that had been previously ignored to some extent. This conference brings out all the requirements that would fulfill Governments to move into the realm of identity management that is so important for all the major initiatives that are imperative for achieving "Good Governance".
Brig. Saleem Moeen, SecureTech Consultancy (Pvt) Ltd, Pakistan

An excellent event by ID4Africa. Tremendous progress reported across the continent.
Tony Smith, Fortinus Global Ltd

A great opportunity to network with other delegates, find out which possibilities and solutions there are on the market.
Marie Benihirwe, UNHCR

ID4Africa is an excellent avenue for Africa to unite and build “healthy” borders, a safer continent and an identified people.

Samuel Lamai , FMIC , Nigeria

ID4Africa is an opportunity and platform for government agencies and private sectors to interact to find solutions to ID problems in Africa. I believe in this Movement!

Mohamed Abdou, CNESS/PRESIDENCE, Niger

One of the best IT conferences for Government sector in Africa: very well organized; high level; ideal for learning and for networking.

Frank Leyman, BOSA, Belgium

Digital identity is greatly assisting my country to provide easy means of identification for all. Also, the single ECOWAS identity card will enhance smooth inter border movements within the sub-region.

Abdulai Timbo, NASSIT, Sierra Leone

Before ID4Africa came along, the issue of unique identity on the African continent was barely being recognized. Today, a significant number of countries are beginning to implement ID programs thanks to The Movement. African regional blocs are beginning to seriously consider and implement free movement of people and goods, thanks to the visibility of Africa’s growing identity footprint.

Tumelo Rabolets, National Identity and Civil Registry, Lesotho

If this Movement did not exist, it just had to be created. It brings together a panel of experts from different backgrounds with rich experience and sharing.

Hammadoun Dia, ANTIM, Mali

The exchange of experiences are one of the best catalysts to promote the development of the African continent, and that is what ID4Africa has managed to do. BRAVO!

Idriss Brahim, Ministry of Finance, Chad

ID4Africa is a global Movement that every African country must embrace with passion otherwise they will be left behind in the near future.

Nkoyo Iwok, NIMC, Nigeria

Attending the ID4Africa Movement is one of its kind that fuels the speed of knowledge sharing, innovation, and transformation of skills. The hosting country also benefits in terms of socio-economics, branding of their cultural heritage and boosting tourism. Each year’s theme transmits a multiplier effect and adds a huge value in terms of transforming the nature of conducting business and services into a single and unified platform of multiple services.

Dr. Emmanuel Lupilya, President Office, Tanzania

I came to ID4Africa with an open mind and just two colleagues, but left with a full list of future business associates, partners and friends from all walks of life and our sharing on ideas continues even till now. ID4Africa is an opportunity door opener.

Austen Ashibekong, Nigeria Railway Corporation

ID4Africa is on the right track to bring Africa’s best minds to think about our common destiny.

Christo Adongrech, Ministry of Interior, South Sudan

The ID4Africa Movement is a good way for the modernization and the development of African countries.

Mamiarisoa Nomenjanahary, National Statistics Institution, Madagascar

Beautiful Pan African example; I see an Africa united.

Boko Nadjo, CENA, Benin

The showcase of solutions from biometric companies has enabled us to establish links for securing my country’s documents.

Maxim Bouda, DG, Civil Registration, Burkina Faso

ID4AFRICA 2018: RELIVE THE EXCITEMENT AND EXPERIENCE





The Intelligencer



The 2018 Intelligencer

25 Facts we learned that you should know about identity in Africa

#1

Anglophone VS Francophone

There continues to be differences between Anglophone and Francophone countries

ID4Africa since inception has been bilingual, English and French, in all of its interactions with its constituency. While that was out of practical necessity since those two are the dominant languages in Africa, we have discovered that there are some systematic differences in state of development of the identity ecosystems between the Francophones (considered as a unit) and the Anglophones. We never intended to explore those differences, but since we collect data via two channels (English and French), it was natural for us to observe these systematic differences and trends. In many cases the differences can be explained through the differences in cultural, colonial history and in the vestiges of the legal and institutional frameworks that they left behind. Of course, we are not suggesting that language is the root cause of the difference. It is simply a proxy for genuinely different systems, that have genuine differences in needs and that are at different stages of development. Paying attention to these differences can be helpful in customizing the development agenda to suit the specific needs. We believe these differences will diminish over time, as globalization at the continental level continues and as flow of knowledge and information sharing through initiatives like ID4Africa normalize the practices across Africa.

This is an executive summary of what we have learned about the African Identity landscape in 2018 through various engagement channels (Surveys, Ambassadors, missions, Annual Meeting).

#2

How assistance is viewed by the identity community

The development engagement channels rank ordered by the identity community from highest to lowest importance are:

1. Capacity building
2. Knowledge exchange
3. Technical manuals
4. Technical assistance
5. Financial assistance

This validates what ID4Africa has been doing to respond to demand and it explains the enthusiastic response of the community to the Movement and to the Almanac which was launched in Abuja to serve as an Annual Manual that can be used throughout the year to inform, help train and build capacity.

#3

Rank ordering the priorities of the development agenda over the next 24 months

In the Survey, the African identity community from Anglophone and Francophone countries provided the following rank ordered list of top 5 priorities they would like help from development agencies. Top priority is privacy and data protection. This thematic was also clear and present throughout the Annual Meeting and it represents a welcome development as it demonstrates a certain maturation of practices and a recognition of the fact that

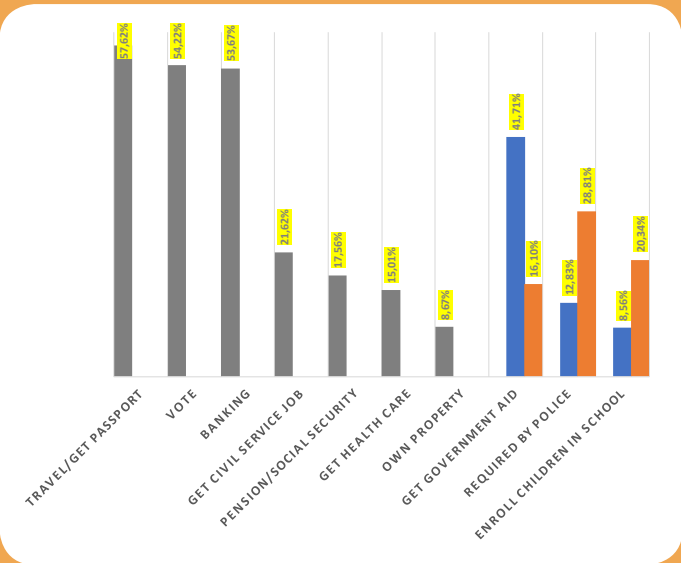
identity systems cannot be successful unless they respect the rights of individual and are controlled with a strong governance framework (another area they wish assistance on).

Anglophone	Francophone
1. Privacy & Data Protection	1. Privacy & Data Protection
2. Cybersecurity	2. CRVS
3. CRVS	3. eServices
4. Governance	4. Governance
5. Health	5. Training & capacity building material

#6

Travel, financial inclusion and democracy continue to be the top 3 use cases for an ID in Africa

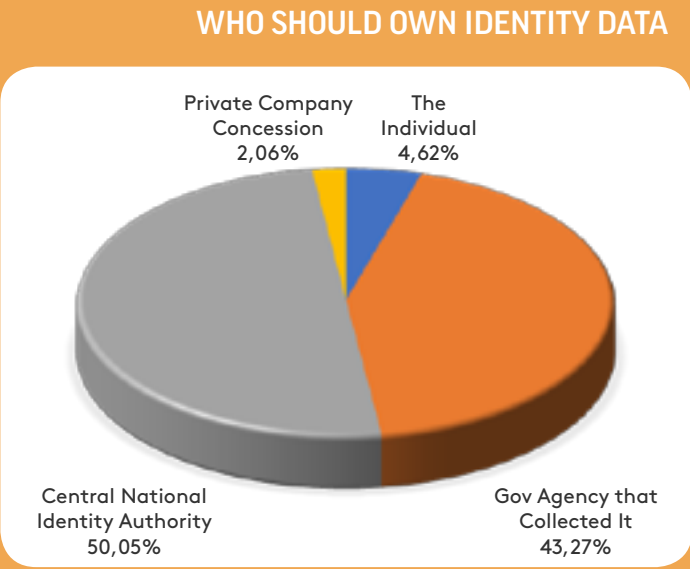
With consistent agreement across Anglo and Francophone countries. These are followed by the use of ID to receive government assistance in Anglophone countries and the requirement of ID by the police in Francophone countries.



#4

Ownership of Identity Data

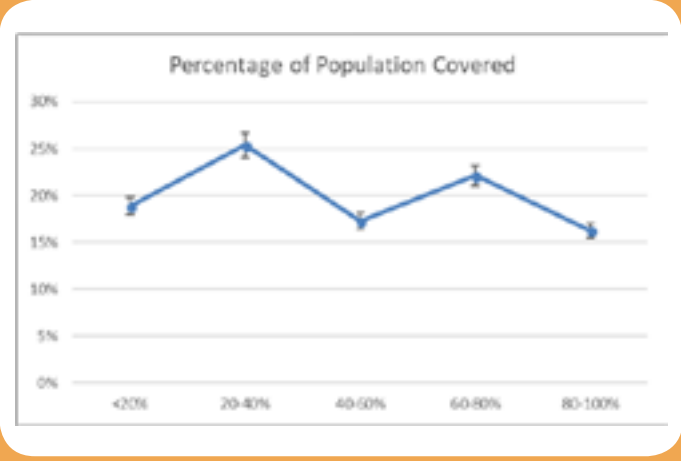
While, there is a heightened concern about privacy, the identity community in Africa does not believe identity data should be owned by the individual. They are split between sectoral ownership and ownership by a central commission, with them favoring the latter by a small margin.



#7

ID programs are far from achieving total coverage of their intended populations

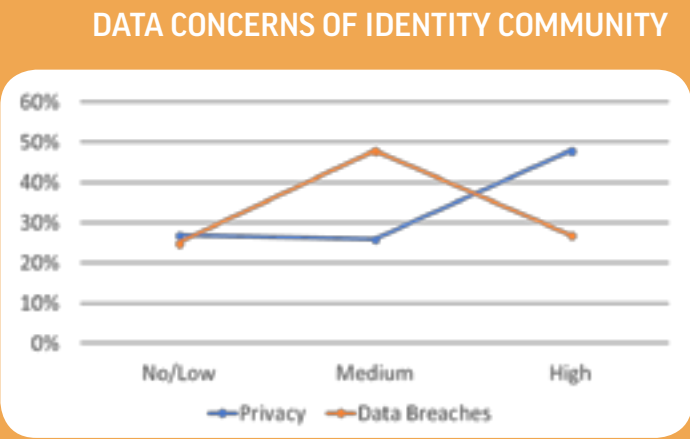
Our survey shows that identity authorities are not certain about the level of coverage that their ID systems have attained. When asked what quintile of coverage their system has attained, the distribution of answers appears random where all quintiles appeared to be approximately 20%.



#5

Data concerns are on the radar screen of the identity community

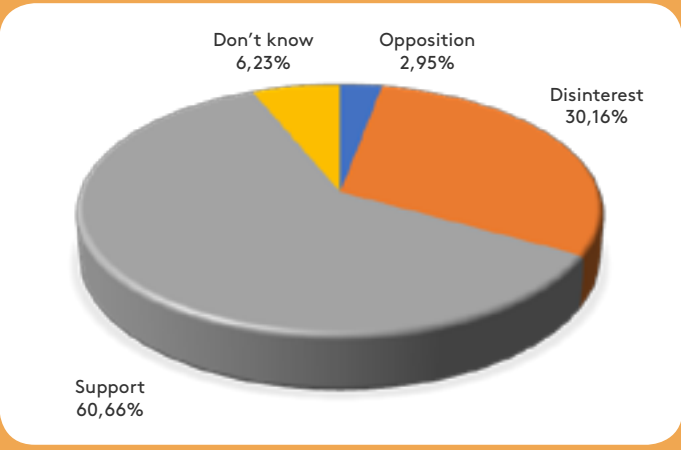
The African identity community seems to be more concerned about the privacy of identity data than about data breaches. There is a belief that technology to limit or prevent data breaches exists, but privacy is a more complex challenge as it requires policy and enforcement mechanisms, both of which remain absent by in large in Africa.



#8

Local populations are in favor of ID systems

With 2 in 3 in support and the remaining 1 in 3 being neutral. This is as assessed by the experts and analysts from the identity authorities and not through direct survey of the local population.



#9

Why ID systems have not achieved total coverage

This year we explored the root causes of lack of total coverage and what can be done to address those issues. The top 5 remedial actions uncovered were:

- 1. Simplify enrollment procedures
- 2. Sensitize the general public
- 3. Add more registration points
- 4. Seek adequate funding
- 5. Develop use cases

#10

The African Identity Community favors a certain institutional arrangement

WE PREFER
AN INDEPENDENT
COMMISSION

Their views on ownership of data, the need for building trust in identity data free of government manipulation, as well as their calling for laws to protect the operations of the identity authority from interference from the government point to a preferred institutional arrangement. That would be in the form of an independent commission reporting to the legislative body in a country and not to a line ministry.

#12

Political support for Identity Systems is still not overwhelmingly there

According to identity authorities, the current political commitment for identity systems is whimsical and is susceptible to reversal and political manipulations. This is a major challenge as it does not give identity systems long term mandates. The identity community identified the need to seek political buy-in, from legislators and

not just the government, as among the top factors that could impact success of their ID systems.



#11

Legal frameworks governing identity continue to have serious gaps

Only 1 in 4 believe that the current laws are totally adequate, while another 1 in 4 believe that the current laws are in limbo: either they are totally inadequate, or they have gaps with no legislation planned to fill them.

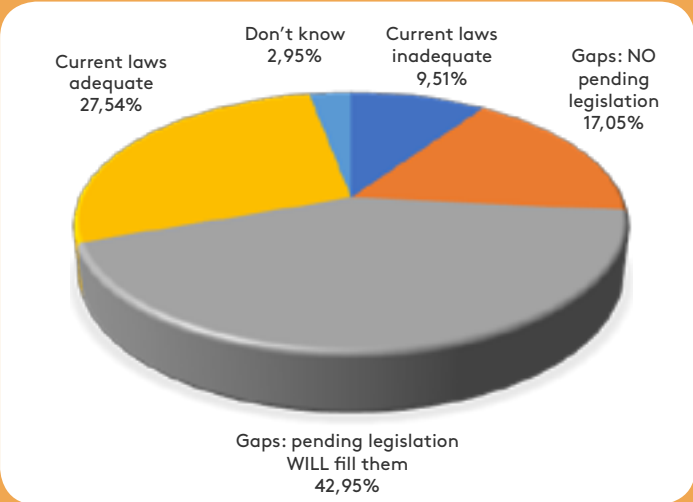
We also learned the following recurring themes:

- There is a need to harmonize the legal frameworks and not just the systems to make sure they are consistent with the objectives and are permissive of digital transformation.
- Many have called for making national ID mandatory with laws to enforce that requirement. We see this trend being implemented in many countries already, for example the National Identity Number (NIN) is now being required for an increasing number of services (cannot get a passport without a NIN) in Nigeria.
- There is a clear recognition of the need to sensitize members of parliament and to consider them as stakeholders as they are the ones that will pass legislation.
- An increasing number of people are calling for laws to ensure the

independence of national identity authorities and commissions and protect them from interference from government.

All this shows that there is a lot of work that remains to be done. This is a huge challenge considering the heterogeneity of legal regimes throughout the continent and the difficulty to get laws passed regarding something as fundamental as identity. This is an area where we feel international development could provide guidance and assistance to make sure that identity is not exploited politically.

LEGAL FRAMEWORK



#13

Satisfaction survey of the identity community with their chosen solution shows clear patterns

The Table gives the rank ordering of the negative and positive experiences encountered by the identity community in implementing their programs. It shows vendor lock-in as a top problem. The majority feels they were held hostage by the solution provider. They have also expressed their frustration with cost overruns and implementation delays. On the flip side the identity community is satisfied with system performance, quality of ID and fitness of the design. This shows that Industry is delivering on technology but often failing on service and living up to promises.

The message to vendors seeking to differentiate in the market place is clear:

focus on addressing the business process concerns and on showing a track record of fulfilling your commitments instead of doing technical sales. The identity community is looking for a trust partner that minimizes their implementation risks.

Dissatisfaction/ Risks Ranked	Satisfaction Ranked
1. Vendor lock-in	1. System conforming to international standards
2. Cost overruns	2. Quality of ID cards
3. Speed of implementation	3. Performance of system
4. Service by vendor	4. Flexibility of system
5. Ongoing system operations	5. Interoperability

#14

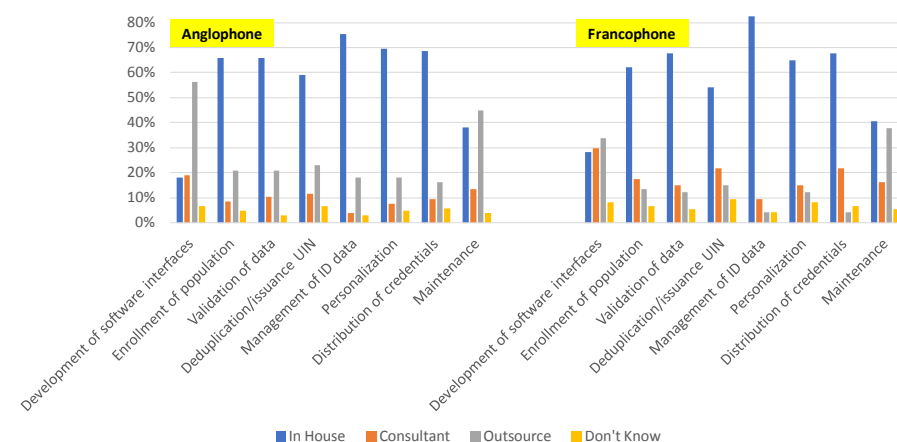
Overwhelming majority of African identity stakeholders believe biometrics should be used in Elections

97% say biometrics should be deployed for Elections...

...despite the elevated cost per voter (which can reach as high as \$20 per voter each time a registration is conducted as we learned from presentations at the Annual Meeting). This suggests the need to use foundational national ID systems that are permanent and not one off campaigns to build voter rolls each time. The hindrance to this continues to be lack of trust by political parties of identity authorities that are NOT independent and that could be subject to control by a government-controlled ministry.

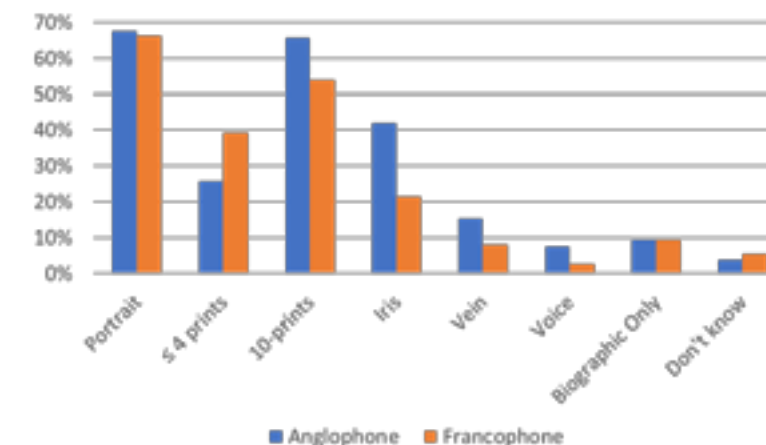
#15

How the identity community plans to execute various tasks



#18

Face portrait and 10-print will be captured the most for ID programs



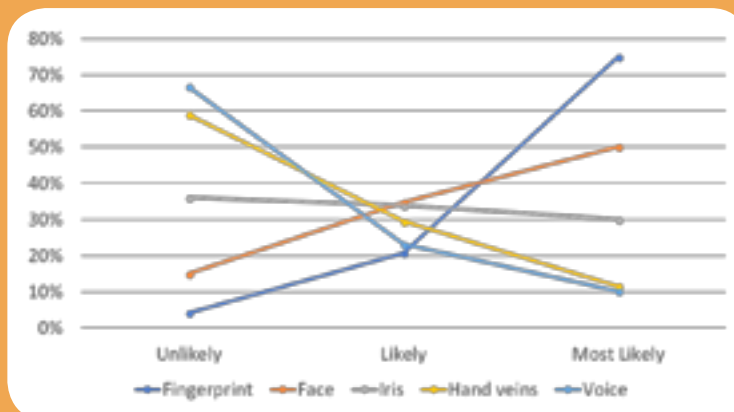
DATA TO BE CAPTURED

#16

Not all biometrics are viewed equal

With highest probability, over 2 out of 3 upcoming ID programs will include finger, 1 out of 2 would have face and 1 in 3 will have iris.

LIKELIHOOD OF MODALITY IN ID PROGRAM



#19

The physical credential continues to be very important in the identity ecosystem

planning to also have a dematerialized version of the ID as an option to put on a mobile device for added convenience.

The table demonstrates that the majority of already implemented programs have issued an ID card and that going forward there is no expectation that this will change (at least for programs launching over next 2 yrs). This shows strong support for the issuance of physical credentials even when (56%, 63%) of those that intend to launch a new program are

	Anglophone	Francophone
Already implemented ID program	88%	82%
Programs that issue ID Document	95%	88%
New ID program in next 2 yrs	58%	66%
Program will issue ID card	90%	82%
Program will have mobile ID in addition	56%	63%
Program will have online identity services	76%	59%

#17

e-Voting is a promising development in long term

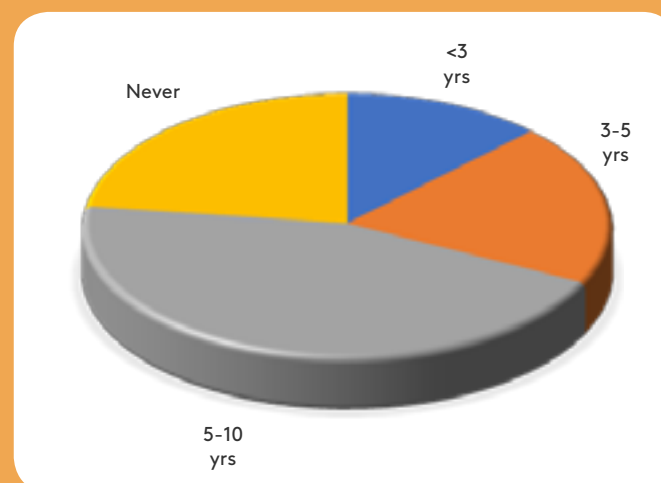
The survey showed that 70-80% of African community believes that eVoting will be adopted in Africa in the next 10 years. The challenge with eVoting is the lack of trust in the process and lack of experience on the continent. The identity community in Africa seems open to the concept but not until trust concerns are addressed.

The discussions at the Annual meeting showed that trust in eVoting could be potentially addressed through the implementation of Blockchains, for election count and tallying processes to ensure no tampering is possible.

What we have learned in 2018 on this matter,

is now informing our agenda for 2019 where we will run a workshop on Trust in the Electoral Process as a thematic track.

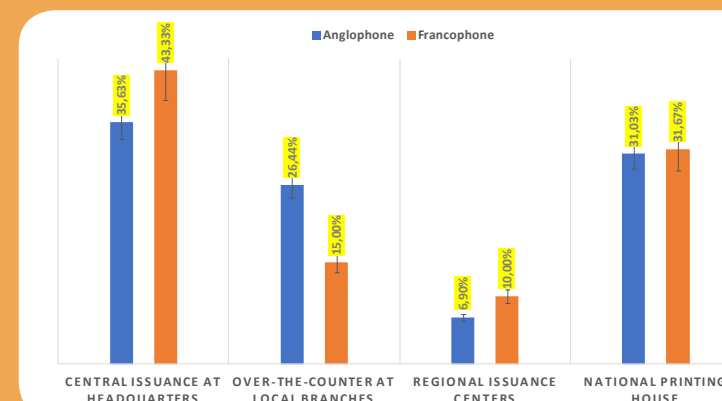
WHEN E-VOTING IS EXPECTED IN AFRICA



#20

The preferred means for producing the ID credential

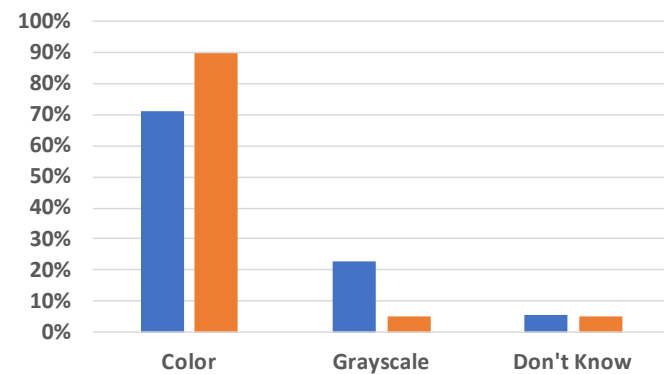
Notice the interest in a National Printing House as a means for production.



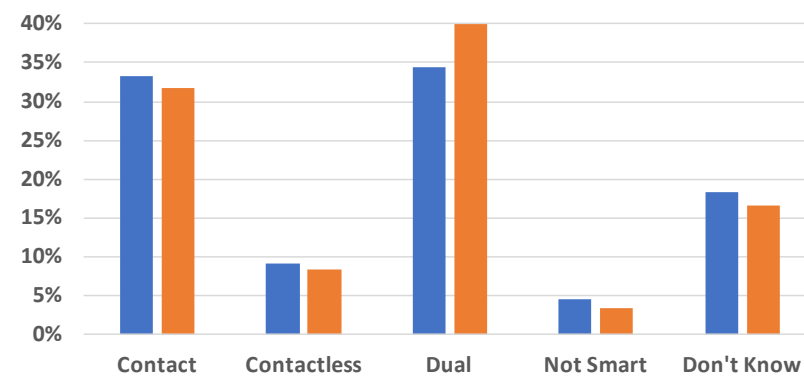
#21

Characteristics of ID cards

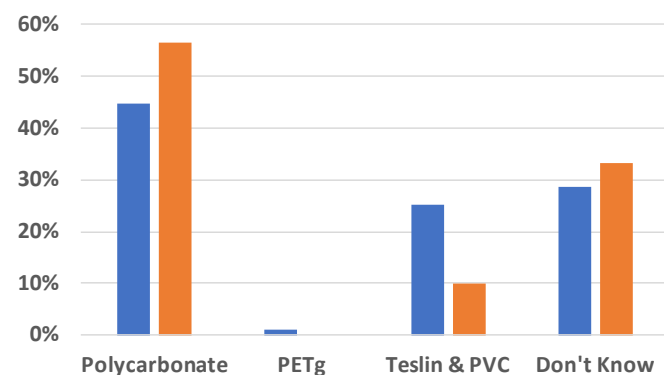
ANGLOPHONE FRANCOPHONE



PRINTING

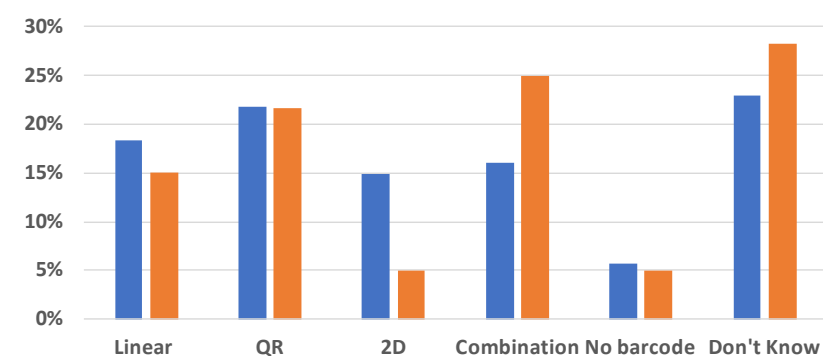


INTERFACES



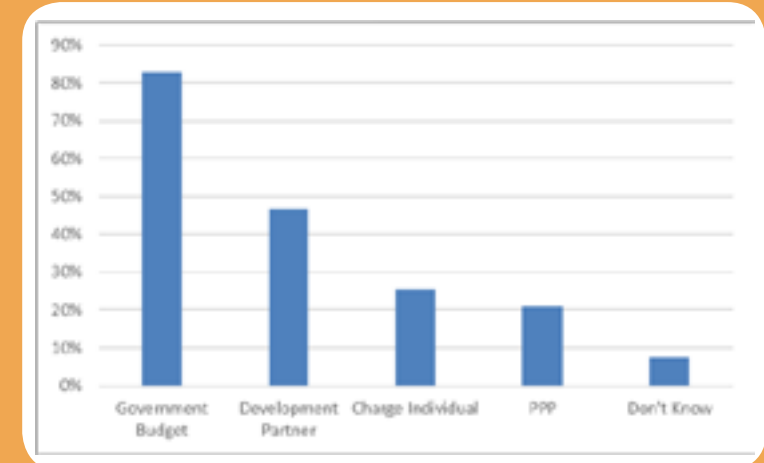
MATERIALS

BARCODE



#22

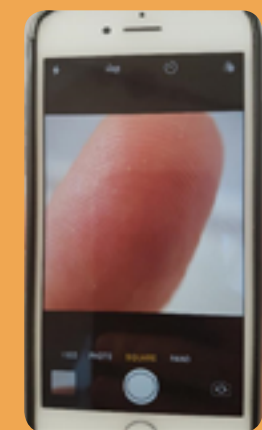
The multiple sources for financing the new ID program



#23

Fingerprints imaged on mobile phone, still open problem recognized as game changer

If fingerprint patterns can be extracted from images using the standard cameras on mobile phones this could open up significant new applications for digital inclusion of large scale populations. While there is some hint of promise using AI techniques, the problem is far from being solved.



#24

Fingerprint of infants still remains an open problem

This year capture of fingerprints of infants was recognized as a key technological development that would have a major impact on development, since it would allow the onboarding of an infant into the legal identity ecosystem as close to birth as possible. ID4Africa made an appeal to the research community worldwide to pool their resources to address this problem and has given an open door policy for any group to come back to speak at next year's event should they make a breakthrough. As of today the problem remains open. It is our hope that a low cost, technically viable solution could be developed that would allow the capture of fingerprints from infants and their identification as their grow older.



#25

Regional identity and smart borders are gaining momentum in Africa

Facilitating movement of people and goods across borders has been an objective of several regional initiatives in Africa (including ECOWAS, and EAC, etc). Technology is making this possible in two ways. First, standards for interoperability of IDs have been developed to allow an ID to be used outside the jurisdiction that issued it. Second, automated ID controls in the form of eGates and Kiosks are being installed at certain land crossings to facilitate and automate the process of border crossings. At the Annual Meeting delegates heard about the successes of this technology at the busiest land border between Rwanda and Uganda and about the positive economic impact of facilitation.



SECTION 5

In The News

IN THE NEWS!



UNICEF JOINS THE ID4AFRICA BOARD OF ADVISORS

In June 2018, ID4Africa was pleased to welcome Mr. Cornelius Williams, Associate Director and Global Chief of Child Protection, as our newest Advisory Board Member. Mr. Williams, a national of Sierra Leone, has over 25 years of experience in managing child protection programs in Western, Eastern and Southern Africa with UNICEF and Save the Children. Over the years Mr. Williams has been involved in advocacy that led to improved protection of children from sexual exploitation and abuse in humanitarian settings, reduced recruitment and use of children by armed forces and groups and increased access of children to identity documents/birth certificate and social assistance and other services.

Mr. Williams' contribution to ID4Africa as a Board Advisor member is significant as the Movement continues to place heightened emphasis on the importance of legal identity at its source through systematic birth registration and its integration into foundational identity schemes.

ID4AFRICA CALLS FOR SOLUTIONS ON BIOMETRIC INFANT IDENTIFICATION

During the 2018 Annual Meeting ID4Africa identified the challenge of biometric identification of infants and children as being one of the highest technological problems yet to be solved. Its importance is hinged on the fact that the data record of a child entering

the world would be more robust if (1) it captures a biometric identity and (2) can be attained at or near birth and is linkable to their adult biometric identity that accompanies the infant identity through adulthood until death.

The importance of being able to capture a biometric identity of an infant cannot be underestimated. It is what makes it possible to identify and track an infant's progression in life, saving them from becoming ghost children, unknown to any register, and allowing society to recognize one of the most fundamental rights of a child, namely that of legal identity from the start.

In recognition of this critical problem, ID4Africa Executive Chairman Dr. Joseph J. Atick made an official global appeal to the industry and academic research community at the Annual Meeting to seriously address the issue of infant biometric identification and provide solutions. Since then several research and academic groups have stepped up and proposed some promising new solutions to this problem, some of which are promising enough that pilots are being organized to test them in real world environments in Africa.



We recognize that this is a challenge which cannot be solved overnight and will take time, but are so far pleased to see the will of the research community to pursue promising technologies and research that we hope will be validated in a few years. Throughout this process we will maintain our role as catalyst in driving forward this issue in our upcoming meetings and our advocacy. In the meantime, we are calling on the donor community to participate in the search for solutions by stepping up their funding for this transformational issue.



CALL FOR OBSERVANCE OF INDUSTRY ETHICS

In order to ensure that Africa is represented in the agenda of the industry players, who make up an important segment of the ID4Africa tripartite, ID4Africa accepted an invitation to join the Secure Identity Alliance (SIA) as an Advisory Observer in November 2017. This came at a time when there is a general recognition of the important role played by the private sector in advancing the sustainable development goals.

ID4Africa's presence on the Advisory Board of SIA followed our Executive Chairman, Dr. Joseph J. Atick's endorsement of their Industry Code of Conduct which set another step towards ensuring the health and transparency of the private and public partnerships, in order to achieve our objective of legal identity for all by 2030 in Africa.

ID4AFRICA SUPPORTS SIA INDUSTRY INITIATIVE TO CREATE OPEN SOURCE API TO HARMONIZE SOVEREIGN ID PROGRAMS

On 27 June 2018, The Secure Identity Alliance (SIA) announced an Open Source API (Application Program Interface) initiative which they have established in an effort to eliminate vendor lock-in and reduce cost for governments around the world, particularly as it relates to the development of national identity schemes.

Endorsed by the world's leading identity system vendors, this landmark initiative will also address the lack of standardization within today's identity ecosystem and will deliver technical interoperability between civil registration registries and civil identification registries. It highlights an industry-wide commitment to breaking down the technical barriers to achieving a legal identity for every citizen.

As advisory observer to the SIA, ID4Africa Executive Chairman, Dr. Joseph J. Atick, welcomed the importance of initiatives of this type which he emphasized "cannot be underestimated". A poll of delegates during the recent Annual Meeting of the ID4Africa Movement identified vendor lock-in as the biggest concern for those tasked with delivering national ID schemes. As the ID market matures, governments and implementing bodies must be free to select the most appropriate solutions without commercial or technical restrictions. The ID4Africa Board of Advisors and General Secretariat are proud to support the SIA's Open Source API as being a key enabler and a major step towards harmonizing identity schemes across Africa."



ID4Africa continues to urge the industry to adhere to the Code of Conduct that was developed by SIA, a copy of which can be downloaded from the following URL:

<https://secureidentityalliance.org/public-resources/153-sia-code-of-conduct/file>



ID4AFRICA ANNOUNCES JOHANNESBURG AS HOST CITY OF ID4AFRICA 2019

The unveiling ceremony of the 5th Annual Meeting of the ID4Africa Movement (ID4Africa 2019) took place on the morning of Day 3 of the 2018 Annual Meeting. Within a room filled to capacity with over 700 seated (and some standing) delegates, a sudden burst of cheers, applause and even singing, filled the atmosphere with excitement as the much anticipated news of the host and country was announced.

With hands waving victoriously in the air, Director General of the Department of Home Affairs of the Republic of South Africa, Mr.



Mkuseli Apleni, accompanied by ID4Africa Ambassador to South Africa, Mr. Thomas Sigama, made his way to the stage to officially accept the handover from outgoing host, NIMC and begin the mission of furthering the flame of the ID4Africa Movement.

ID4Africa 2019 will be hosted by the Department of Home Affairs of the Republic of South Africa in Johannesburg on 18-20 June 2019. The theme will be "Identity Ecosystems for Service Delivery". ID4Africa 2019 will build on the achievements of the 4th Annual Meeting held in the Federal Republic of Nigeria. It will assist in defining a context for the adoption and deployment of responsible identity systems, including legal frameworks, institutional arrangements, governance, data protection, privacy and human rights.



WE LOOK FORWARD TO SEEING YOU IN JOHANNESBURG!

The Republic of South Africa is truly honoured to be offered the singular honour to host the 5th Annual Meeting of the ID4Africa Movement, in 2019. The Movement contributes immensely to the development of digital transformations of identity on our beloved continent. It brings together Government Authorities, International Agencies and Industry, all under one roof, to chart a way-forward for the continent and its people in this important area of identity management. We are humbled by the gesture and the fact of receiving the 2019 delegation in our young democracy you helped to create, through the selfless contributions you made in the struggle for liberation, often at the highest cost to your countries and people.

Mkuseli Apleni, Director General, Department of Home Affairs, South Africa



About ID4Africa

About ID4Africa

A MOVEMENT WITH A CLEAR MISSION

Founded in 2014, ID4Africa is an Identity-4-All Movement that accompanies African nations on their journey to develop robust and responsible ID ecosystems around digital identity in the service of development, humanitarian action, security and facilitation. It is a non-governmental organization in the form of a tripartite with representation from African governments, development agencies and industry.

MOTIVATION

ID4Africa was motivated by the need to promote the legal identity for all in Africa by 2030 (consistent with Sustainable Development Goal 16.9) and to empower individuals to claim their rights and to benefit from the fruits of development.



OUR VISION

Legal identity for all as a driver for social and economic development.

We believe a public private partnership is required to realize this vision, where government agencies define the needs, industry innovates to meet them, and development agencies help finance and guide the necessary programs.

This is why since inception ID4Africa has had strong representations from these three key stakeholder groups.



ADVANCING OUR MISSION

We advance our mission through several forms of activities:

- Thought leadership, analytics and knowledge sharing (Annual Meeting, reports, newsletters, and original publications).
- Identification and promotion of promising solutions that have significant developmental impact.
- Global advocacy and awareness creation.
- African engagements to advise and guide the identity stakeholders in Africa.

BIRTH AND GROWTH OF THE MOVEMENT: THE ANNUAL MEETINGS

A central component of ID4Africa's activities is the Annual Meeting which allows the ID4Africa community to share information, report on annual progress and define the priorities to be addressed going forward in order to advance national efforts across the continent towards our ultimate goal of identity for all.

The Annual Meeting features a 3-day multi-track conference as well as an exposition, both focused on digital identity and its applications for public good in Africa. It is hosted in a different African country each year. Since its inception the Annual Meeting was held in the following countries. (See graphic aside)

The agenda for the forum in the Annual Meeting is carefully constructed each year to reflect the latest needs, and it features a lineup of over 110 speakers hand-selected based on their expertise from all over the world. The forum is an intense knowledge-sharing space characterized by a passionate desire to learn and contribute.



Participation of ID4Africa's Tripartite Groups Since Inception in 2015

The exposition has become one of the largest of its kind in the world, where multinational, regional and local companies come together and exhibit their latest innovations and product/solutions offerings. In the exposition in 2018, 113 companies were present with a stand. The exposition is ID4Africa's initiative to create an open and competitive marketplace to serve the diverse and specific needs in Africa.

Attending the Annual Meeting has become a unique experience for identity stakeholders and the preparation for each event takes a full year with significant engagement from all the parties involved.



ID4Africa Governance

ID4Africa is honored to have a group of internationally renowned individuals from the world's leading development agencies on its Advisory Board. These individuals represent organisations that have active interest in Africa and have shown their passion for supporting the socio-economic development of the continent through the responsible adoption of change drivers.

MEMBERS OF THE BOARD OF ADVISERS

Niall McCann
Lead Electoral Advisor
United Nations Development
Programme (UNDP)



Niall McCann is the UNDP's Lead Electoral Advisor, based at the Bureau for Policy and Programme Support in New York. In this position he provides programming and advisory support to UNDP Country Offices engaged in providing electoral assistance, as well as contributing to the development of the UN's electoral assistance policy, as issued by the Under-Secretary-General for Political Affairs. Niall has extensive field experience in electoral operations and identity systems.



Cornelius Williams
Associate Director and Global
Chief of Child Protection
UNICEF



Cornelius Williams is Associate Director and Global Chief of Child Protection for UNICEF's Programme Division. He has over 25 years' experience in managing child protection programmes in Western, Eastern and Southern Africa with UNICEF and Save the Children. As a child rights advocate he has been involved in advocacy that led to improved protection of children from sexual exploitation and abuse in humanitarian settings, reduced recruitment and use of children by armed forces and groups and increased access of children to identity documents/ birth certificate and social assistance and other services. Mr. Williams has played a leading role in coordinating UNICEF's engagement with governments and other partners in the development of programmes for the prevention and response to violence against children in countries in Eastern and Southern Africa.



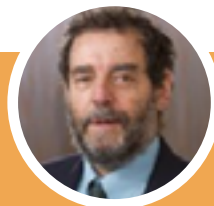
Robert Palacios
Global Thematic Group Leader
The World Bank



Robert Palacios is Global Thematic Group Leader for Pensions and Social Insurance in the Social Protection and Labor Practice of the World Bank. In the past he served as a member of the research department team that produced the World Bank's influential volume on international pension systems. His current areas of special interest include integration of policies across social sectors and use of technology to deliver and track social programs. He represents the SPL Global Practice on the ID4D Working Group.



Alan Gelb
Senior Fellow
Center for Global Development



As Senior Fellow at the Center for Global Development, Alan has conducted research on projects including the applications of biometric ID technology for development purposes particularly in low and middle-income countries, the special challenges of resource-rich countries, and instruments to link aid flows to results. He also works on competitiveness and industrial development, especially in Sub-Saharan Africa. Previously Alan was Director of Development Policy at the World Bank, and Chief Economist for the World Bank's Africa region.



Samatar Omar Elmi
Senior ICT Officer
African Development Bank



Samatar Omar Elmi is the Senior ICT Project Manager for Department Transportation, Urban Development, and ICT at the African Development Bank (ADB). During his career he has led the investigation and implementation of several structural projects in Africa, the most emblematic being the Dorsal fiber optics scheme interconnecting the regional countries of Central Africa. Beyond infrastructure, he has worked on various projects implementing ICT development through various African countries. He started several initiatives on the modernization of the value chain within the civil state using the underlying data facts (births, deaths, marriages, and divorces) to establish national systems of electronic identification management for which the applications are limitless.



Board of Advisors Emeriti



Raj Gautam Mitra
UN Economic Commission
for Africa (UNECA) - Retired



Prof. Dr. Rafael Capurro
African Centre of Excellence
for Information Ethics

The ID4Africa Code of Ethics

ID4Africa holds its staff accountable to a code of ethics that reflects our values and beliefs.

1. We recognize that all people are born free and equal in dignity.
2. We respect and recognize the fundamental human rights with which each person is endowed.
3. We respect and recognize the moral values, religions, customs, traditions and the cultures of the communities we work with, and the religious freedom of all individuals.
4. We conduct our activities with the highest ethical standards, to ensure integrity, honesty, and moral values in all of our dealings.
5. We recognize that all people are entitled to recognition of their identity through the protection and rule of law and through a reliable, trusted identification system that does not discriminate and that safeguards their liberty and rights, including their privacy and the protection of their personal data.
6. We are committed to communicating accurate and pertinent information regarding identity systems.
7. We use merit to select among competing propositions and options related to our events and actions. We will never be a willing partner to corruption, bribery or any other financial improprieties, illegalities or misconduct.
8. We strive to act at all times in accordance with the humanitarian principle of Do-No-Harm. As a consequence, we do not support any identity system that negatively impacts the well-being of the people we are trying to help.
9. We strive to ensure that our activities maintain our respect for and avoid a negative impact on the environment.
10. We are not part of or controlled or influenced by any government or intergovernmental agency nor are we affiliated with any political party. (Although we may agree and support policies and legislation in support of the adoption of identity systems)

The ID4Africa General Secretariat

(FOR THE 2017/2018 FISCAL YEAR)

THE EXECUTIVE COMMITTEE



Dr. Joseph J. Atick
Executive
Chairman



Veronica Ribeiro
Director



Greg Pote
President

THE BUREAU



Julia Li
Event
Manager



Shauna Taylor
Marcomm
Manager



Amandine Bellier
Brand Identity &
Design Manager



E. Malick Diouf
Development &
Program Manager



Grace Ren
Assistant Manager
(Marketing)



Tyndale Gore Jr.
IT Developer



Yilia Yu
Data Intelligence
Officer



Margaret Van Cleve
Program
Management



Elaine Li
Business
Development
Manager

ID4Africa is also supported by a body of volunteers and interns who are passionate about Africa and about our initiatives that make a positive impact through identity as a driver for socio-economic development, humanitarian action, security and facilitation.

Acknowledgment

ID4Africa’s ongoing record of progress, particularly in producing the Annual Meetings at the scale and quality to which we do, is not possible without the serious engagement of many partner institutions and individuals that champion our mission within their organization.

We take this opportunity to acknowledge with sincerest thanks all the identity stakeholder agencies in Africa, who continue to support our efforts by providing us with valuable input and information and help us spread the word within their countries to sensitize the public and the leadership.

We offer deepest thanks to The World Bank and the ID4D team for their continued partnership over the years, our Board of Advisors and our Ambassadors for their dedication to the cause and direction of the Movement, and to the many representatives of development agencies who continue to share their passion and vision for the development of identity programs in Africa through their active participation. We thank the Secure Identity Alliance for their engagement and on-going initiatives in developing an industry code of conduct and all those who continue to uphold industry ethics which we also support in this domain.

We further express immense gratitude to the government of Nigeria, our host country in 2018, and the National Identity Management Commission (NIMC) for their exceptional hospitality and well-rounded support given to ensure we all enjoyed another highly successful event. We also thank the 2018 Annual Meeting speakers and the industry for their exhibition and sponsorship, and all participating delegates for their engagement, passion and enthusiasm.

We also wish to thank our trusted media partners,

with special mention to Biometric Update and The Silicon Trust for their exceptional support over the years, to our airline partners Ethiopian and Turkish Airlines for their cooperation and flexibility with flight arrangements catered specially for delegates attending the Annual Meetings.

Last but not least, we thank all those who volunteer their time and energy with heartfelt purpose and vision towards the promising future of the ID4Africa Movement. We look forward to building deeper and stronger relationships and friendships as we journey onward together.



Thank you all!



BECAUSE IDENTITY MATTERS

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