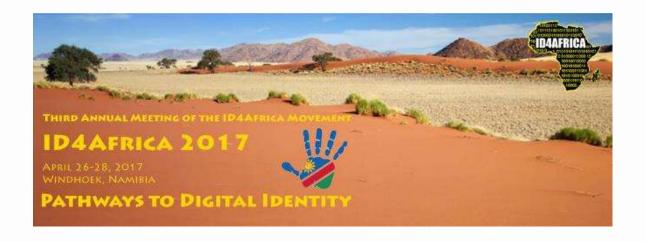
Day 2, Thursday, 27 April, 2017 16:30 – 18:30 elD4Africa inF8 Cross Fertilization between e-ID & e-Gov



- Alain Ducass (energeTIC & Secure Identity Alliance): Does African e Gov need e ID, what for and when?
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- **Prof. Lourino Chemane** Mozambique eGovernment and Communication Infrastructure Project (MEGCIP)

elD4Africa inF8 Cross Fertilization between e-ID & e-Gov

Alain Ducass
SIA expert,
Chairman of "energeTIC"



dedicated to energetic and digital transformation of Africa with a global vision after 40 years as a French Civil servant in various Ministries & Agencies, incl. Prime minister office

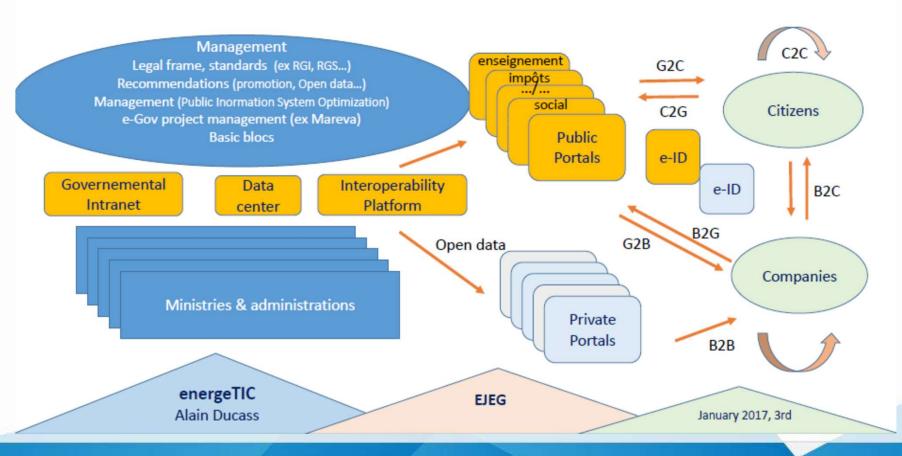


Does African e-Gov need e-ID, what for and when?

- 1) Overview of African e-Gov
- 2) Overview of African e-ID
- 3) Correlations between e-ID & e-Gov
- 4) Technical links between e-ID & e-Gov
- 5) Where to find valuable resources?
- 6) The floor to the other speakers

e-ID is a key block of brick to build up e-Gov (Cf. EJEG)

Chart of an e-Gov strategy & action plan



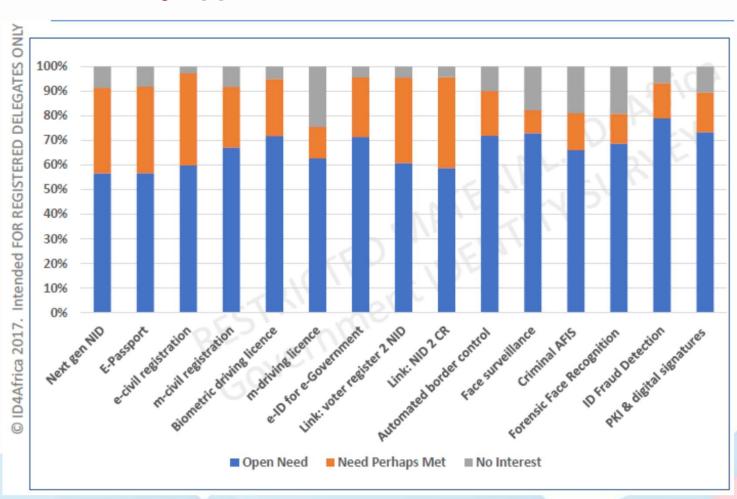
e-Gov is a key application from e-ID

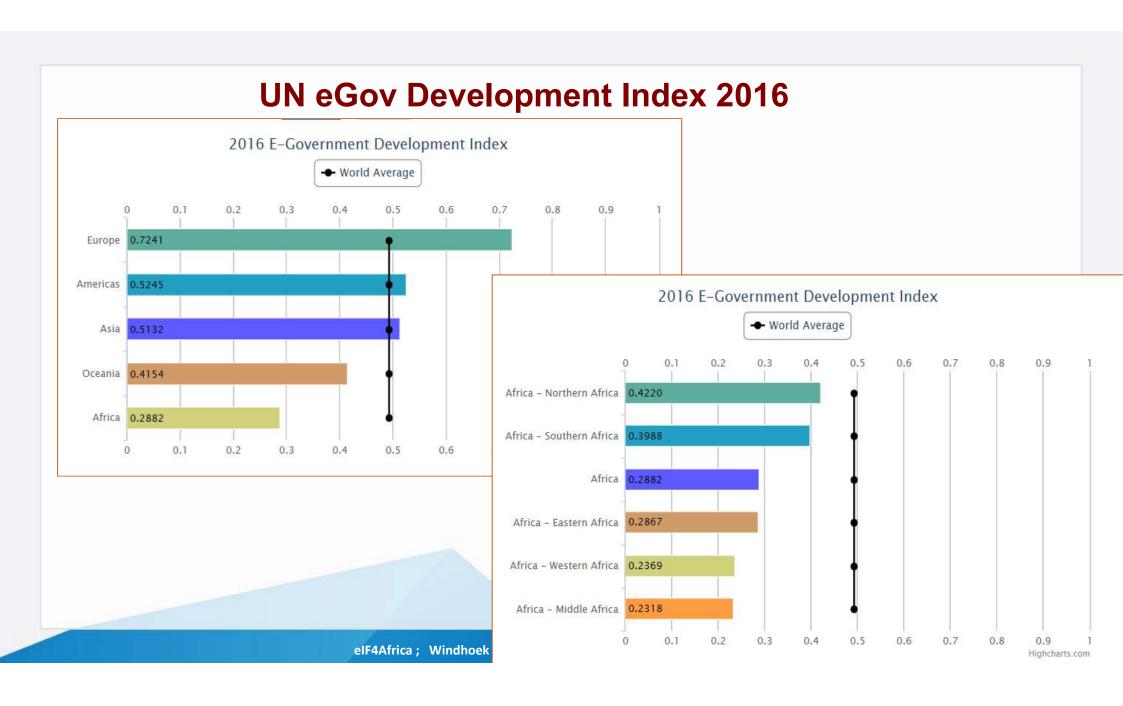
From the ID4Africa's survey, it appears four main categories of needs:

- e-Gov
- e-documents
- Registers
- Cybersecurity

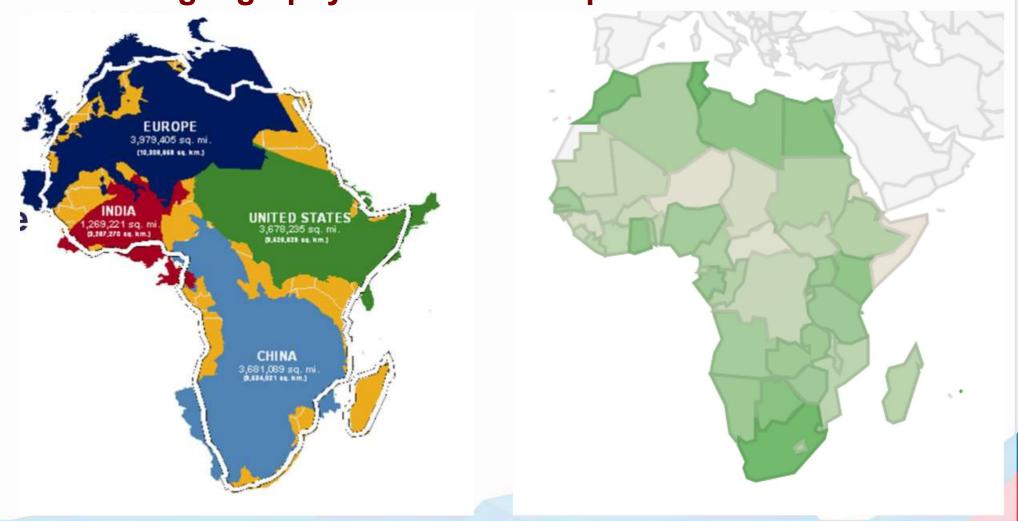
So, e–Gov is a key factor for e-ID

Let us look at African e-Gov





African geography & eGov Development Index 2016



African countries' egdi evolution from 2014 to 2016

- Algeria 136 -> 150
- Angola 140 -> 142
- Benin: 180 -> 177
- Bostwana 112 -> 113
- Burkina Faso 178 -> 185
- Cameroon 144 -> 155
- Comores 177 -> 176
- Congo 160 -> 162
- Congo RDC 183 -> 180
- Cote d'Ivoire 171 -> 175
- Ethiopia 157 -> 157
- Gabon 131 -> 129

- Ghana: 123 -> 120;
- Guinea: 190 -> 187
- Kenya 119 -> 119
- Lesotho 153 -> 154
- Madagascar 155 -> 163
- Malawi 166 -> 166
- Mali: 181 -> 182
- Mauritania 174 -> 184
- Mauritius 76 -> 58
- Morocco 82 -> 85
- Mozambique: 164 -> 172
- Namibia 117 -> 125

- Nigeria: 141 -> 143
- Rwanda: 125 -> 138
- South Africa: 93 -> 76
- Senegal: 151 -> 144
- Sierra Leone 186 -> 186
- Swaziland 138 -> 136
- Tanzania 146 -> 130
- Togo 162 -> 147
- Tunisia 75 -> 72
- Uganda 156 -> 128
- Zambia 163 -> 132
- Zimbabwe 126 -> 134

Overview of the African e-ID

In 2014 « Bearing point »
analyzed the 17 African
biometric registers
but most country did not implement them between
2014 & 2016

(source = Bearing Point, CIO Mag n° 35, mars 2015)

For 2017, we gathered some information on e-ID card but not on e-ID

For 2018, we hope the ID4Africa community to build and feed an e-ID index such as the e-Gov index



elF4Africa; Windhoek April 27th 2017; alain

Correlation between e-Gov & e-ID cards in Africa

	Without e-ID cards	With e-ID cards
Decreasing EGDI	Algeria, Burkina, Cameroon, Madagascar, Mauritania, Mozambique, Namibia, Rwanda, Zimbabwe	
Stable EGDI	Angola, Benin, Botswana, Comores, Congo(s), Côte d'Ivoire, Ethiopia, Gabon, Guinea, Kenya, Lesotho, Malawi, Morocco, Sierra Leone, Swaziland	Ghana, Mali, Nigeria,
Increasing EGDI	Mauritius, Senegal, Tanzania, Togo, Tunisia, Uganda, Zambia	South Africa,

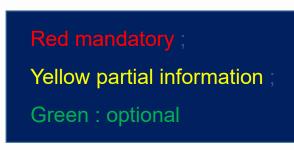
With the data we collect, countries with e-ID cards, do not increase their EGDI more than the others

Correlation between e-Gov & e-ID in Europe

It is the same in Europe: the ten most advanced European countries in the field of eGov,

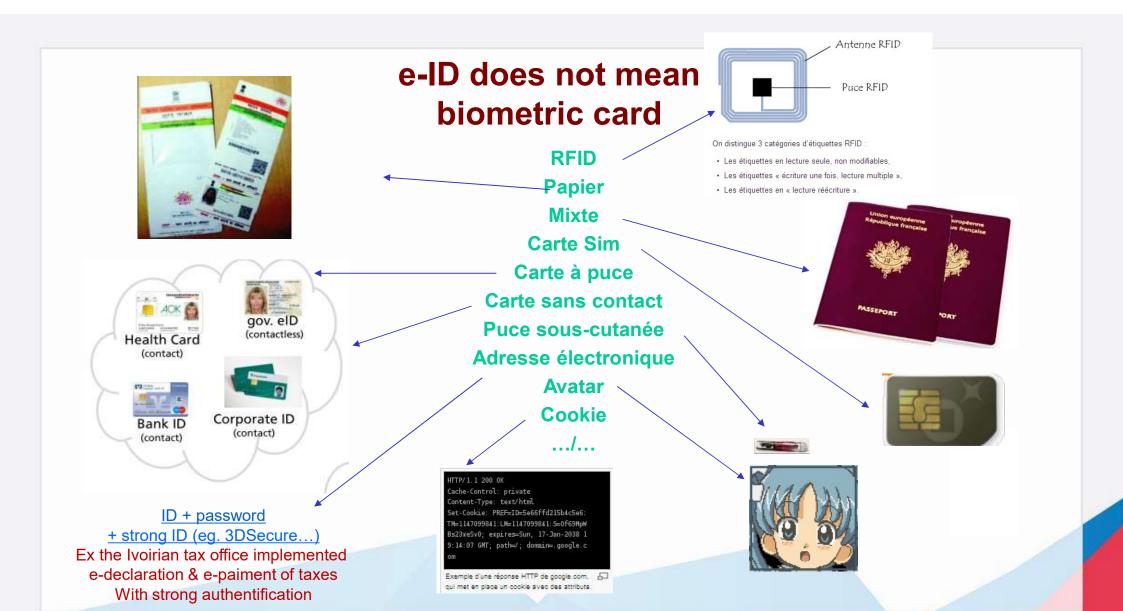
all have e-ID but not always e-ID cards

Rank	country	Solutions
1	United Kingdom	Gov.UK verify
5	Finland	
6	Sweden	
7	Netherland	
9	Denmark	
10	France	France connect
13	Estonia	e-ID Card
15	Germany	e-ID Card
16	Austria	
17	Spain	e-ID Card









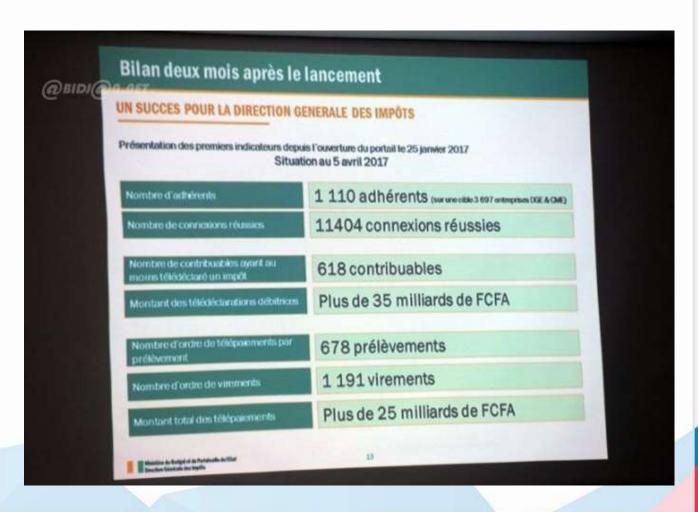
Big issues such as e-finance need various e-ID

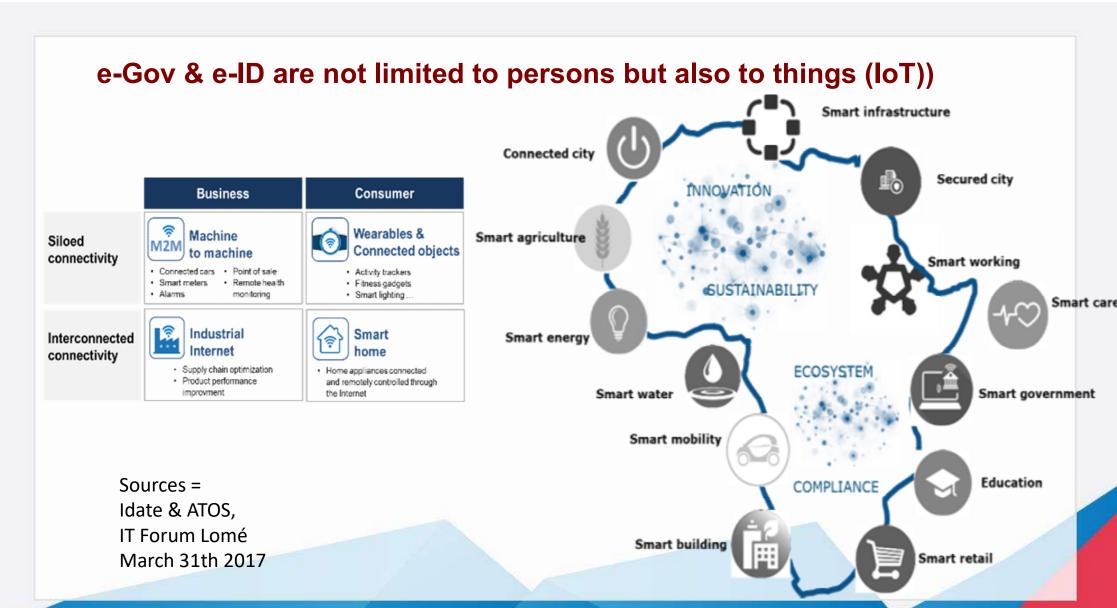
En Côte d'Ivoire,

The Ivoirian tax authority (Direction générale des impôts) got a success for its first of edeclaration & payment of taxes, with a strong e-IDs for:

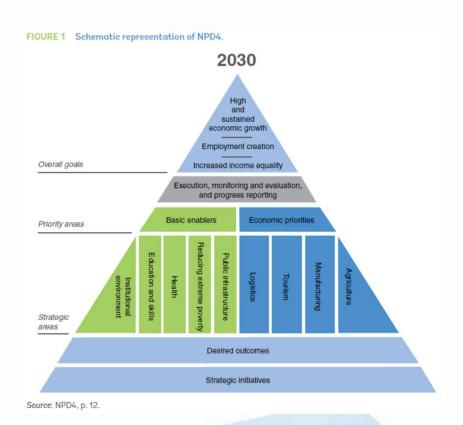
- the companies
- the appropriate persons within the companies
- the banking accounts & banks
- the various type of taxes.

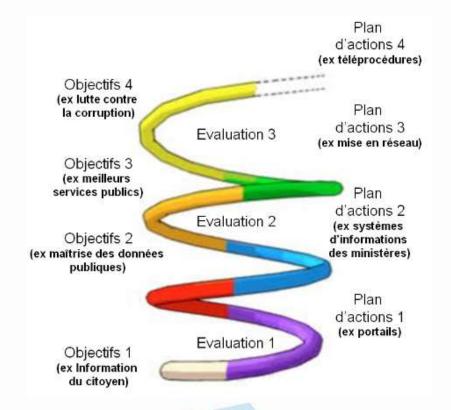
This result has been reached with the help of Ansut, Expertise France and IKA conseils.





e-ID takes time as well as e-Gov both short and log term issues have to be taken in account





On the left extract from the Namibia e-ID report

On the right, extract for the REGNUM masters

international recognition is necessary for e-ID & for e-Gov

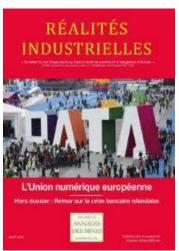
The Worldbank guide only focuses on American standards. It does not include the strong potentiality brought by the **EU e-IDAS regulation for** international recognition of eGov.

Règlement (UE) n ° 910/2014 du Parlement européen et du Conseil du 23 juillet 2014 sur l'identification électronique et les services de confiance pour les transactions électroniques au sein du marché intérieur et abrogeant la directive 1999/93/CE

Let us imagine:

How much the African travel from a country to an other one, and how useful it can be if their national e-ID would be recognized by other African countries, not only for travel documents?

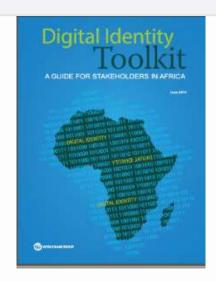
how an e-IDAS compliant e-ID would simplify acces for African students into European Universities or any public services!





Ressources on e-ID for e-Gov in Africa

- The Worldbank digital identity toolkit
- 2. The EU e-IDAS regulations
- 3. International private bodies such as
 - GSMA
 - Secure identity alliance
 - ID4Africa
- 4. Publications such as the electronic journal of eGov or « realités industrielles »
- 5. International experts in the field of e-ID and in a larger field with a global view.
- 6. To my point of view, a secured social network is needed to foster the activity of the virtual communities of African leaders, including e-ID communities, which is allowed by e-ID and will contribute to open silos!

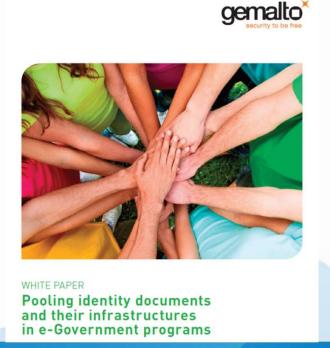




Secure identity Alliance

Many producers and users are providing valuable information about e-ID for e-Gov but they are not always convergent

The Secure Identity Alliance is trying to analyze them and make a synthesis available African government could participate on a multiple stakeholders approach.

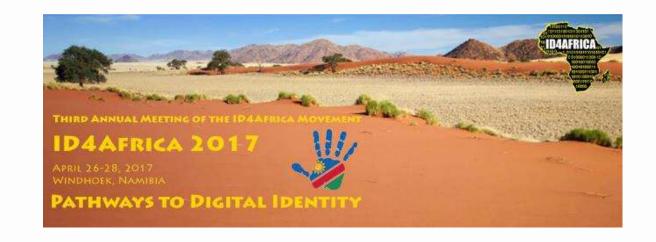




Cross Fertilization between e-ID & e-Gov

Thank you for your attention!

Now let us move to the other speakers



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