

## PROGRAMME FOR INFRASTRUCTURE DEVELOPMENT IN AFRICA (PIDA) WEEK

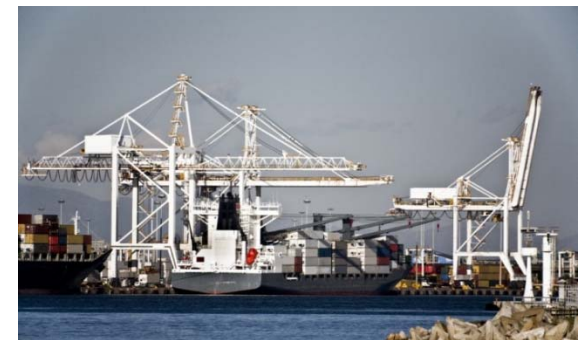
PANEL ON PIDA'S IMPACT ON THE AGENDA 2063 ASPIRATIONS

Abidjan, 14 November 2015



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## PIDA Impact on the Agenda 2063 Aspirations

### Infrastructure and Energy potential contribution to meeting Aspirations (1)

It is well known that for Africa, Infrastructure and energy are key enabler to ensure Physical and Economic development and Integration. Indeed, appropriate regional infrastructure is :

- Contributing to swell trade within Africa and between Africa and the rest of the world. In addition play vital role in all sector socio economic development;
- Required to support free movement of people and goods as African continent is very wide (30 million km<sup>2</sup> )
- Making possible the formation of large and competitive markets in place of the present collection of small, isolated and inefficient ones and to lower costs across production sectors.

In that context “How Energy, ICT and Transport can make the African Union Aspirations/Vision 2063 happen? In other words, what are Energy, ICT and Transport projects/programmes impacts on the AFRICAN ASPIRATIONS? ”

To respond to this question, the mapping on key Infrastructure and Energy initiatives and related services/applications/products contributing to the aspiration is as follows:



## PIDA Impact on the Agenda 2063 Aspirations

### Infrastructure and Energy potential contribution to meeting Aspirations (2)

Aspirations	Key Concepts of the Aspirations	Infrastructure and Energy initiatives and related services applications/products contributing to the aspiration
I. Prosperous Africa based on inclusive growth and sustainable development	High standard of living and quality of life, sound health and well-being	<ol style="list-style-type: none"> <li>1. ICT Broadband services, e-Health, e-Education, Smart Cities Environment, security and safety, .</li> <li>2. Increased access to quality basic services of water, sanitation, electricity, etc. for at least 70% of the population;</li> <li>3. At least 50% waste recycled and access to electricity increased at least at 50% of current level by 2023</li> </ol>
	Well educated citizens	<ol style="list-style-type: none"> <li>1. ICT support education(on line library, internet, e-School,</li> <li>2. Schools and training centers built and connected to electricity</li> </ol>
	Access to all the basic necessities of life (shelter, water, sanitation, energy, transport);	<ol style="list-style-type: none"> <li>1. Public utilities (Transport, Energy, Water, ICT) provided to all citizen through development of integrated infrastructure</li> <li>2. Home, Health and education centers connected with modern energy including off-grid energy technology</li> </ol>

### Infrastructure and Energy potential contribution to meeting Aspirations (3)

Aspirations	Key Concepts of the Aspirations	Infrastructure and Energy initiatives and related services applications/products contributing to the aspiration
I. Prosperous Africa based on inclusive growth and sustainable development	Decent jobs and economic opportunities;	<ol style="list-style-type: none"> <li>1. Energy industry (power generation, transmission and distribution)</li> <li>2. Large opportunity of job creation thanks to ICT business and industry sector</li> <li>3. Smart Road corridor and air transport liberalization to support industrialization and trade and therefore jobs creation;</li> </ol>
	Modern agriculture for increased production, food security.	<ol style="list-style-type: none"> <li>1. e-Agriculture (meteorology and rainfall forecast to support farmers, land management through Satellite/GIS ,....)</li> <li>2. Development of rural infrastructure including energy</li> </ol>
	Investments in science, technology, research and innovation;	<ol style="list-style-type: none"> <li>1. Research &amp; Innovation in ICT and in transport (high speed and transport system)</li> <li>2. New energy technologies acquisition</li> </ol>
	Gender equality, youth empowerment	<ol style="list-style-type: none"> <li>1. ICT contribution to empower Women and Youth</li> <li>2. Access women to appropriate transport services (MDGs)</li> </ol>



## PIDA Impact on the Agenda 2063 Aspirations

### Infrastructure and Energy potential contribution to meeting Aspirations (4)

Aspirations	Key Concepts of the Aspirations	Infrastructure and Energy initiatives and related services applications/products contributing to the aspiration
<p>2. An integrated continent, politically united based on the ideals of pan Africanism and the vision of Africa's renaissance</p>	<p>Politically United Africa</p>	<p>1. Improved connectivity between major cities, countries and regions through modern road, rail , airlines and ICT broadband Networks</p>
	<p>World class, integrative infrastructure that criss-crosses the continent supporting intra African trade and growth of Pan African companies .</p>	<p>1. Programme for Infrastructure Development in Africa (PIDA) covering ICT, transport, energy and water will set up High-speed railway networks, roads, shipping lines, sea and air transport, ICT broadband cables, energy pipelines and transboundary water infrastructures supporting intra African trade and growth of Pan African companies .</p>
	<p>Increases in trade and investments amongst African countries and strengthen Africa's place in global trade.</p>	<p>1. e-Commerce increased through improved mobile and internet network 2. Infrastructure and energy networks and services supporting trade(FTRA) notably Smart transport corridor and airlines connection .</p>



## PIDA Impact on the Agenda 2063 Aspirations

### Infrastructure and Energy potential contribution to meeting Aspirations (5)

Aspirations	Key Concepts of the Aspirations	Infrastructure and Energy initiatives and related services applications/products contributing to the aspiration
<p>2. An integrated continent, politically united based on the ideals of pan Africanism and the vision of Africa's renaissance</p>	<p>A continent of seamless borders.</p>	<ol style="list-style-type: none"> <li>1. Improved intra and inter African connectivity of ICT and transport (joint border post and projects of dismantled all non physical barrier, ... ) networks;</li> <li>2. Improved energy connectivity (interconnections between countries and between regional power pools).</li> <li>3. Pan African Power network, Regional Power Pools fully operational by 2020 and interconnected</li> <li>4. Increased power generation and distribution (by adding more than 42GW by 2020 mainly from Hydro and other Renewables)</li> </ol>
	<p>An integrated, united, sovereign, independent, confident and self-reliant continent</p>	
	<p>Free movement of people, goods and services</p>	



## PIDA Impact on the Agenda 2063 Aspirations

### Infrastructure and Energy potential contribution to meeting Aspirations (6)

Aspirations	Key Concepts of the Aspirations	Infrastructure and Energy initiatives and related services applications/products contributing to the aspiration
<p>3. An Africa of good governance, democracy, respect for human rights, justice and the rule of law</p>	<p>Affordable and timely access to independent courts and judiciary</p>	<p>1. Open-government enabled by free-flow and access to information ( e-gov network) and to modern energy services</p>
	<p>End Corruption and impunity.</p>	<p>2. Support Youth and Women entrepreneurship in ICT , Transport and energy sectors</p>
	<p>Institutions are at the service of its people.</p>	<p>3. Ensure Efficiency of Public Utilities</p>
	<p>Participation of Citizens in social, economic and political development and management.</p>	<p>4. Energy Charter enhancing the rule of law in the energy sector, namely in the area of investments, trade and transit.</p>



## PIDA Impact on the Agenda 2063 Aspirations

### Infrastructure and Energy potential contribution to meeting Aspirations (7)

Aspirations	Key Concepts of the Aspirations	Infrastructure and Energy initiatives and related services applications/products contributing to the aspiration
<p>4 Peaceful and secure Africa</p>	<p>By 2020 all guns will be silent: Continent free from armed conflict, terrorism, extremism, intolerance and gender-based violence</p>	<p>1. Deployment of Broadband connectivity for peace and security programmes including Social and Mass Media Network for education</p>
	<p>Mechanisms for peaceful resolution of conflicts will be functional at all levels.</p>	<p>2. Encouraging cooperation and partnership between neighboring countries in the management and development of trans boundary water and energy resources and other natural resources (oil, gas, etc) promoting joint operating agreements</p>
	<p>A culture of peace and tolerance shall be nurtured in Africa's children and youth through peace education.</p>	<p>3. Transport corridor with joint border posts to support integration and cross border trade</p>
	<p>Prosperity, security and safety for all citizens observed;</p>	<p>4. Closed Communication Networks</p>
	<p>Universal principles of human rights justice and the rules of law observed</p>	<p>5. Pan African TV and Radio 6. Satellite Broadband, African Social Networks</p>



## PIDA Impact on the Agenda 2063 Aspirations

### Infrastructure and Energy potential contribution to meeting Aspirations (8)

Aspirations	Key Concepts of the Aspirations	Infrastructure and Energy initiatives and related services applications/products contributing to the aspiration
5. An Africa with a strong cultural identity, common heritage, values and ethics	Pan Africanism shall be fully entrenched; and The African Renaissance has reached its peak.	1. ICT and Energy to support Broadcasting and media technologies 2. Development of transport and energy infrastructure supporting tourism
	Adaptation to social and cultural change.	Air transport industry to support tourism and integration
6. An Africa where development is people-driven, unleashing the potential of its women and youth	Youth full access to education, training, skills and technology, jobs and economic opportunities,	Deployment of Affordable Broadband connectivity ; Social and Mass Media Network
	Young men and women to contribute significantly to innovation and development	ICT Research & Innovation to support entrepreneurship



## PIDA Impact on the Agenda 2063 Aspirations

### Infrastructure and Energy potential contribution to meeting Aspirations (9/

Aspirations	Key Concepts of the Aspirations	Infrastructure and Energy initiatives and related services applications/products contributing to the aspiration
	A major social, political and economic force in the world, and with her rightful share of the global commons resources (land, oceans and space,).	<ol style="list-style-type: none"> <li>1. e-Applications and Services for efficiency and effectiveness activities;</li> <li>2. Smart Cities (Environment, security and safety communication and transport systems, etc....)</li> <li>3. Energy Services including off-grid energy technologies (smart villages,...)</li> </ol>
7. Africa as a strong, united and influential global player and partner	Advance international cooperation that promotes and defends Africa's interests, is mutually beneficial and aligned to our Pan Africanist vision;	<ol style="list-style-type: none"> <li>1. Outer Space Applications and Services</li> <li>2. Energy Charter, Sustainable Energy for all (SE4ALL), Africa Renewable Energy Initiative, IRENA Africa Clean Energy corridors,</li> <li>3. Africa-EU Energy Partnership and Infrastructure Partnership and Bilateral Partnerships</li> <li>4. Air transport policy and industry developed in line with Africa interests</li> </ol>
	Speak with one voice and act collectively to promote our common interests and positions in the international arena.	Coordination of all African Stakeholders for common position and speaking with one voice in the international arena;



## PIDA Impact on the Agenda 2063 Aspirations

### How to make the contribution happen

To ensure Infrastructure and Energy initiatives and related services applications/products contributing to the Agenda 2063 aspirations, **the following strategies will be implemented:**

1. Accelerating Implementation of PIDA Priority Action Plan (PAP) that will change the gap of infrastructure and give lessons and basis for the mid and long term PIDA programme deployment in the context of the Agenda 2063 Aspirations. PIDA will :

- Allow countries to meet forecast demand for infrastructure services
- Boost trade, create jobs, transform the way business is done and enhance Africa's competitiveness within itself and in the global economy;
- Large opportunities investment for Public and Private Sector: investment, manufacturing, construction, production, etc...
- Deliver **New Infrastructures and Upgrade the existing**

Indicators	PIDA 2040 (2020 FOR ICT)
<b>Modern highways</b>	<b>37 300 KM</b>
<b>Modern railways</b>	<b>30 200 KM</b>
<b>Port Added ton capacity</b>	<b>1,3 billion tons</b>
<b>Hydroelectric power generation</b>	<b>61 099 MW</b>
<b>Interconnecting power lines</b>	<b>16 500 KM</b>
<b>New water storage capacity</b>	<b>20 101 hm3</b>
<b>ICT International Broadband Capacity</b>	<b>6 Terabits</b>



## PIDA Impact on the Agenda 2063 Aspirations

### How to make the contribution happen

1. Contributing to the first 10 years Implementation Plan of Agenda 2063, notably by implementing the following first flagship infrastructure projects:

- The Continental and Integrated High-Speed Train Project;
- The full implementation of the Yamoussoukro Decision (YD) and the establishment of the Single African Air Transport Market
- The Grand Inga Hydropower Project of continental impact: with generation capacity of 44 000 MW;
- The Pan African e-Network providing Tele Medicine and Tele Education to 48 Member's States thanks to South-South cooperation with Indian Government;

2. Ensuring smooth coordination of initiatives in each sector aiming at implementing AU Vision through the Agenda 2063;



## Way Forward

There is no doubt that the implementation of the Agenda 2063 Aspirations will largely rely on the development of Infrastructure and Energy initiatives and related services/applications/products. To that end implementing PIDA is vital.

In addition, some initiatives and vision of key African Development Stakeholders are very important support to the Agenda 2063. These include among other the five pillars of the vision presented by Dr Akinwumi A. Adesina, President of AfDB that is "Lighting Africa, integrating Africa, feeding Africa, industrializing the continent and improving the quality of life of Africans".

In conclusion we believed that the ASPIRATIONS will be implemented for the 100<sup>th</sup> Anniversary of AU/OAU in 2063 because of strong leadership and commitment as per the Solemn Declaration of the 50<sup>th</sup> anniversary already demonstrated .

*MERCI*  
*OBRIGADO*  
*THANK YOU*

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