DuPont in Sub-Saharan Africa
DuPont is a world leader in science and innovation. By putting science to work, we create sustainable solutions essential to a better, safer, healthier life for people everywhere.
A multinational in Africa - a continent with endless opportunities

Sub-Saharan Africa is one of the fastest growing markets in the world. Ongoing positive development in a number of countries within this region has resulted in increased investment, while recent economic downturn has also highlighted the resilience of the diverse economies of Africa.

Some of the key drivers of economic growth in the region include a fast growing population, rapid urbanisation, an abundance of natural resources and government commitment to improving the living standards of people.

As a market-driven science company with a legacy of more than 200 years, DuPont continuously seeks to make a difference, by collaborating with thought-leaders to meet the challenges faced by emerging markets.

We believe in working through partnerships - we are engaged with local companies, industry leaders, academic institutions and government to produce innovative solutions.

By improving the quality of life today and laying the foundation for a world-class, dynamic infrastructure, DuPont, in collaboration with local partners, will help achieve a sustainable environment and contribute to economic growth in Sub-Saharan Africa, for generations to come.

At DuPont we say “Welcome to the Global Collaboratory”.

Carlman Moyo
Regional Director, DuPont Sub-Saharan Africa
Our presence in **Sub-Saharan Africa**

**DuPont presence**
- Angola
- Ethiopia
- Ghana
- Kenya
- Nigeria
- South Africa - Head Office
- Tanzania
- Zambia
- Zimbabwe

**Production sites**
- Ethiopia, Addis Ababa
- South Africa, Port Elizabeth
- South Africa, Rosslyn
- South Africa, Cape Town
- Zimbabwe, Harare
- Zambia, Lusaka

**Research stations**
- Kenya, Nairobi
- South Africa, Delmas

**Short-term expansion**
- Ivory Coast
- Senegal
- Cameroon
The Sub-Saharan Africa subsidiary of DuPont International was founded more than 50 years ago, primarily to serve the needs of the South African agriculture industry.

Over the years, we have grown at a steady rate of 20% annually and have expanded our focus significantly. Today, we operate across the food, agriculture and nutrition industries, as well as the building, construction, automotive, energy, safety, protection, packaging and printing industries, to name but a few.

We boast more than 400 highly skilled employees across the Sub-Saharan Africa region and our geographic presence has expanded to over 10 countries, enabling us to reach key economies in the region.
THE city of DuPONT, products that make everyday life possible.

- Improving oil & gas extraction.
- Enabling high performance of recreational sports vehicles & providing solutions for sporting equipment.
- Bringing high performance, aesthetics & safety together for mining experts.
- Advancing plant genetics & controlling agro disease.
- Advancing sophisticated military electronic systems & body armour.
- Improving power generation & distribution components.
- Solving water disinfection, waste disposal & pollution control challenges.
- Improving aircraft & aerospace technologies.
- Enhancing roads infrastructure & paving applications.
- Manufacturing electrical equipment & components, appliances & tools, apparel & textiles.
- Improving paper designs & compositions to bring printing mediums suitable for outdoor.
- Providing innovative materials for photovoltaic applications & modules.
- Increasing wind turbine’s component reliability.
- Meeting the needs of the turf professionals with lawn & landscape management.
- Developing soy-based technologies, enhancing food packaging & ensuring quality.
- Protecting people's lives with high-technology fibers & shield first responders from hazards.
- Protecting fire fighters from thermal hazards & supplying equipment finishes.
- Advancing healthcare while minimizing product development delays & risks.
- Investing in our community.
- Improving workspace furniture, office equipment, stationary supplies, climate control building membranes, carpet backing products & more.
- Increasing the performance of building systems & creating more sustainable structures in commercial construction.
- Meeting the needs of Government for more than 200 years.
- Bringing innovation to the residential, commercial & industrial building & construction industry.
- Enabling breakthroughs across display & film technologies.
- Servicing commercial transportation with plastics, polymers, paints & car covers.
- Inventing a print medium for durable documents, envelopes, tags & labels.
The DuPont City - a view of how our products work in everyday life.
Through science...
the world is safer,
more efficient
and more comfortable -
a better place.
Sustainable, safe and creative design is achievable with DuPont™ Corian® solid surfacing, one of the most versatile materials in the global market-place today. Retail and food stores across Sub-Saharan Africa, as well as over 100 Nigerian Bank outlets, several hotels and the Murtala Mohammed Airport in Lagos, have commissioned this material for its striking cosmopolitan look, flexible design, durable resistance and minimal maintenance needs. In addition, the Ivory Coast is the proud host of one of DuPont’s latest innovations, where DuPont™ Corian® is used for external cladding of the Hotel Ivoire Congress Centre, in Abidjan – the southern hemisphere’s largest conference centre.

Building\on\Science

When it comes to infrastructure development and maintenance, DuPont's solutions enhance the physical performance and durability of building materials. Our dynamic range includes landscaping systems, flooring products, climate control building membranes as well as high-performance geotextiles and bitumen modifier.

That is why DuPont is at the forefront of building science.
Sustainable infrastructure development
Using the most appropriate materials and techniques is crucial in ensuring that a road's surface meets the highest specifications, according to the design. DuPont™ Elvaloy® RET is the first bitumen modifier that chemically reacts with bitumen and is specifically designed to combat rutting, fatigue cracking, cold cracking and binder stripping. DuPont™ Typar® is highly effective in combating road stress and erosion, by enabling effective separation and filtration of soils and water drainage. The combination of these two products, enable DuPont to reduce surface wear and tear and promote longevity of road infrastructure. In addition, it also contributes toward sustainable infrastructure development, which has been responsible for more than half of Africa's recent improved growth performance.

Although Tanzania has an extensive road and rail network, the need to improve its transportation infrastructure is a major challenge the country faces in its drive to boost economic growth. Good roads are essential for Tanzania to develop its agriculture, mining and tourism sectors and maintain foreign investment. It is for this reason that DuPont partnered with the Tanzania National Roads Agency to widen and resurface the 125km of road that link Tanzania and Kenya.

**Tanzania, on the road to improvement**
DuPont is a leader of sustainable food solutions and innovations, essential to a healthier life for people everywhere – with a range of food ingredients, packaging and graphic solutions, safety and quality consulting, protective clothing and more.
As a result of the rapid urbanization in Africa, combined with the fast changing consumer landscape, and recent food price increases, consumers need safer, fresher and more convenient food. At the same time, food and beverage industry leaders are demanding ever-greater innovations in packaging technology that can deliver on the promise of freshness.

Through research and technological innovation, DuPont is constantly finding new ways to help make sure packaged food stays fresh, pure and flavorful, while meeting the demand of greater speed and efficiency. From the strength, clarity and anti-leak performance of DuPont™ Surlyn®, to the high performance broad temperature range adhesion of DuPont™ Bynel®, and the easy peeling, hermetic seals of DuPont™ Appeel®, DuPont offers a complete line of high-performance polymers and additives to meet a wide range of packaging needs to major food companies across Sub-Saharan Africa, such as Kelloggs, Bokomo, Tiger Brands and Enterprise Foods.

With the DuPont™ BAX® System – an advanced automated DNA-based pathogen testing system – we are also able to detect bacteria and other organisms in raw ingredients, finished products and environmental samples to prevent the circulation of contaminated goods. This system has been implemented successfully at various microbiology and food testing labs in South Africa, Nigeria and Namibia.

That is why DuPont is a global leader of food innovation.
DuPont advances sustainable agriculture for a growing world by developing and manufacturing a wide range of safe, high-quality crop protection and seed products, as well as providing land management solutions.
DuPont Crop Protection and Pioneer are recognised as leading developers and suppliers of agriscience, and one of the region’s biggest success stories. Our in-depth understanding of the current and future needs of commercial and small scale farmers; and our ability to deliver customised solutions to crop markets throughout Sub-Saharan Africa have given us the leading edge.

With a presence spanning more than five decades, DuPont Crop Protection was the first company in Southern Africa to launch products for disease control in maize and soybeans. We are also known for our range of herbicides, fungicides and insecticides. Our overall market share is growing at a steady rate, in line with our aim of being recognised as one of the four largest multi-national suppliers of agrochemicals in Southern Africa by the end of 2012.

Pioneer – a DuPont business and the world’s leading developer and supplier of advanced plant genetics to farmers – introduced the *Early Corn Early* planting model to South Africa in 1996, to encourage small scale farmers to plant new varieties and to help determine yield potential by establishing water-holding capacity in soil. As a result, the local farmers’ net income improved in both wet and dry years, the land’s real-estate value increased in areas where soil has a good water-holding capacity and yield increased by a massive 112 percent.

*That is how DuPont enables farmers to raise the quantity and quality of their crops.*
Sustainable food solutions
The rapid growth in global population continues to challenge the world’s ability to provide adequate proteins. As one of the most crucial issues for human development, food production must increase to offset hunger and poverty as well as social unrest. In recognition of this local and global challenge, DuPont has established the need for increased high protein-food production as a megatrend that we can respond to, both as an opportunity and as a solution. For this reason, Solae – a joint venture between DuPont and Bunge, the world leader in developing innovative soy protein technology and ingredients for food, meat and nutritional products – continuously investigate ways in which it can establish soy protein-fortified solutions that encourage healthy living and combat Africa’s characteristically low protein-intake. In addition to significant success achieved in the Sub-Saharan Africa market, Solae in partnership with prominent beverage companies in Nigeria, recently launched high protein ready-to-drink beverages that act as a nutritional supplement for consumers to complement protein intake in their daily diet.

Soy’s natural nutrition goes to Nigeria

To achieve global food security in a sustainable way and without further environmental impact, agricultural productivity has to improve. This is why DuPont invests in raising the productivity of agriculture. By converting open pollination seeds to Pioneer hybrid seeds, we were able to increase the productivity and profitability of small-scale local farmers’ yield from 500 kg/ha to over 2,000 kg/ha – a 300% improvement since the inception of the programme in 1996. Today, these farmers are able to maintain self-sustainable and highly productive land.

Boosting agriculture production in Ethiopia
DuPont drives the automotive industry to new performance goals by bringing innovative ideas, leading-edge technology and material solutions to every major system of the vehicle.
In South Africa, DuPont holds a leading market share with automotive manufacturers thanks to a majority owned joint venture with Freeworld Automotive Coatings. By partnering with this powerful duo in 2006, Rosslyn-based BMW was the first car manufacturer in Africa to introduce environmental friendly waterborne base-coat technology. Shortly thereafter, Mercedes Benz introduced waterborne basecoat and primer technology. Today, our Environmental Management Systems are ISO 14001 certified and we supply coatings to South Africa’s largest OEM manufacturers such as BMW, Volkswagen, Toyota, General Motors, Mercedes Benz and Nissan.

In addition to meeting the technology needs of South African motor manufacturers, we continuously work with stakeholders in Kenya and Nigeria to develop a full and versatile assortment of corrosion and stain-resistant paints that can be used in the harsh climatic conditions found throughout Sub-Saharan Africa.

*That is how DuPont helps its customers outpace the competition.*
DuPont delivers low-carbon, clean solutions, essential to increasing energy efficiency and reducing global greenhouse gas emissions.
The energy sector in most parts of Africa is characterised by a lack of access, low purchasing power, low energy efficiency and an over-dependence on the traditional biomass for meeting basic energy needs. Since access to affordable energy is the central determinant of economic growth and poverty reduction efforts, Africa continues to face critical challenges related to this sector. At DuPont, we recognise the ongoing drive for clean energy solutions and materials and have identified it as a megatrend, which we respond to through our capabilities as a science company.

Our continent is endowed with a mass of natural resources that can be harvested for their energy capabilities. Countries off the west coast of Africa, such as Nigeria, Angola and Equitorial Guinea, have in recent years discovered massive new oil fields, most of which remain unexploited. In support of fuelling Africa’s growth, we are working with several major oil suppliers to introduce innovative solutions and the latest technologies. In addition, we use our science to help transform the sun’s potential into clean, efficient energy, by providing some of the world’s most innovative materials for photovoltaic applications and modules. And, offer high-quality materials that contribute to the performance, reliability and long-lasting operation of wind turbines.

That is how DuPont uses the power of science to dramatically improve people’s lives and protect the planet.
DuPont discovers and develops innovative solutions needed in Africa.
Due to Africa’s unique requirements and need for speedy penetration within the energy industry, DuPont Sub-Saharan Africa was a key contributor in developing Project Thermal – an innovative downstream model that presents the key oil and gas companies with ready-made DuPont™ Nomex® flame- and heat-resistant garment solutions. As a result of the overwhelming success of this initiative in Nigeria and Angola, the programme was extended to utility companies within the region. It is this creative model that enabled us to achieve a key end-user specification from one of the largest utility companies in Africa. We were also recognised by the global DuPont Excellence Awards in 2009, the highest honor within DuPont globally.
As a world leader in operational safety, DuPont offers a range of science-based solutions to protect people, property, operations and the environment.
Mining is one of the biggest industries in Africa and has been identified as one of the sectors with the highest growth and investment potential in the continent. It is also a tough and extremely hazardous industry. That is why DuPont continues to be the partner of choice in protective apparel and safety consulting for mining giants across Sub-Saharan Africa.

Our wide range of innovative solutions, implemented by AngloGold, Anglo-American, AngloPlat, Goldfields and Harmony, consist of some of the most trusted brands in the industry. These include DuPont™ Tyvek®, for dry particulate hazards, the extensive DuPont™ Tychem® range, for a higher level chemical protection and DuPont™ Kevlar®, for cut and abrasion protection. In South Africa, which produces 70% of the world's platinum, DuPont is the leading supplier of limited use garments, for the protection of workers against platinum dust.

Our Safety Resources business provides specialised safety consulting to companies like Lafarge WAPCO Nigeria, in support of establishing a safety culture and improving safety performance levels.

That is why DuPont is the partner of choice in the mining industry.
As the leader in innovative personal protection technologies, DuPont continuously responds to the growing need for increased safety and security.
Protecting our Protectors

Safety has been a core value of DuPont for more than 200 years. And, as such, we have identified the demand for greater safety and security of people around the world as one of our megatrends. Our range of proven, science-based solutions reflect our commitment to protecting people. DuPont™ Nomex® is one of these solutions – a revolutionary, heat- and flame-resistant fibre used to protect fire fighters and emergency personnel from thermal hazards. DuPont™ Nomex® is being used extensively in police riot control gear for the World Cup in 2010.

DuPont™ Kevlar® bullet resistant body armour is another protective apparel application. According to Supt L Visser from the South African Police Service, “All you need to justify the use of DuPont™ Kevlar® is saving the life of one policeman.”

Between now and 2015, DuPont will introduce at least 1,000 new products or services to the market to help protect people from harm or threats, globally.

That is why DuPont ranks first in protective materials and solutions for safety and security personnel.
DuPont advances healthcare with protective garments, accessories, non-porous durable surfaces and various material and packaging solutions used in medical and pharmaceutical devices.
With South Africa, Nigeria, Kenya and Tanzania emerging as important developing market economies, the governments of these countries have highlighted the importance of developing the healthcare industry. Accordingly, government and donor funding is aimed at the improvement of healthcare infrastructure and accessibility, thus providing key opportunities for pharmaceutical manufacturing and medical device participants.

Applying science to fulfill human needs (such as the need for fabrics that help prevent contamination during surgery) is part of the DuPont integrated science strategy. Our materials enhance healthcare, while minimising product development delays and risks. An increasing number of hospitals in the region are beginning to use DuPont™ Sontara® spunlaced fabric in surgical gowns and drapes, for its unique combination of natural fibre for comfort, and synthetic fibre for cleanliness and strength.

That is why healthcare professionals and patients rely on the performance of DuPont’s materials, day in and day out.
DuPont™ Tyvek® brand protective material, a material so strong and durable, it easily withstands the most grueling conditions. In fact, it is virtually indestructible.
DuPont™ Tyvek® is an iconic product with a unique combination of lightweight strength and durability, as well as a smooth surface which is both printable and writable. This 100% recyclable material is used in both government and private sectors for outdoor print media, durable documents, tags and labels, envelopes and industrial packaging. The South African Department of Health has been using DuPont™ Tyvek® for almost a decade for a long-lasting data card – The Road to Health Chart, to track children’s health history. Due to the overwhelming success of this application, the Department of Health has since specified DuPont™ Tyvek® as the only printing substrate to be used for this card nationally.

That is why DuPont is known to be an innovator of a printing substance unparalleled in the market.
At DuPont, we are dedicated to maximizing our most valuable asset – our employees. We do so by embracing diversity and offering opportunities to the multiplicity of cultures in Sub-Saharan Africa. We also bring talent in from all over the world for knowledge of foreign markets, while constantly searching for new ways to empower our people through our employment practices, sustainable development policies, ongoing professional training and development programmes.

That is how DuPont fosters a culture of high-quality and lifelong learning opportunities within the company and contributes toward the continent’s economic growth.
DuPont promotes science in the classroom with the distribution of periodic tables (Printed on the tear-resist DuPont™ Tyvek®) and school visits across Sub-Saharan Africa.
Investing in our community

At DuPont, we believe strongly in giving back to the communities in which we operate. For this reason, we are continuously looking for different ways in which we can grow the skills and competencies of future generations through our commitment to education, skills development and training across Sub-Saharan Africa.

For more than 27 years we have supported, both financially and through volunteer work, the SOS Children’s Village South Africa – a member of SOS Kinderdorf International, the largest private welfare organisation for children in the world. We provide funding for the upkeep of the residence and also contribute towards medical care, food, trauma counselling, schooling and training.

“I feel privileged to be part of a company that sees corporate social responsibility as imperative from both a business and moral point of view. Through our initiatives we are able to make a real and visible difference for children who have become victims of the AIDS pandemic,” says Audrey Mogatusi, 2009 DuPont Volunteer Honoree.

That is how DuPont improves the quality of life and enhances the vitality of the communities in which we operate.
Our Mission: To increase shareholder and societal value, while reducing our environmental footprint along the value chains in which we operate.
Sustainability is central to DuPont’s total value proposition and influences every part of our business. We design products and processes that pass rigorous criteria for reducing the use of energy, water and materials. We also encourage the development of products based on renewable resources. We believe this is a direct route to a successful, profitable business that adds value to our customers, their customers, consumers, and the planet.

DuPont partnered with Africa Harvest Biotech Foundation International to help improve the nutritional value of sorghum, by using technology as a tool to fight hunger, malnutrition and poverty in Africa. This powerful duo also helps farmers in Kenya increase their banana harvest by introducing new disease and pest-free banana tissue culture technology with the *Cura Village Community Project*.

*That is how DuPont encourages innovation in ways that drive energy and resource efficiency, reduce greenhouse gas emissions, develop a more sustainable infrastructure and encourage job creation.*

**Our Green Goal**

By 2015 we will further reduce greenhouse gas emissions by at least 15% and air carcinogen emissions by 96% compared to the base year 2004. We will furthermore ensure that all our off-site vehicles and trucks use leading technologies for fuel efficiency and fossil alternatives.
Welcome to the global collaboratory

Together, we can solve Africa's greatest challenges.

+27 (0)11 218 8600
www.dupont.co.za

Copyright © 2009 DuPont. All rights reserved. The DuPont Oval Logo, DuPont™, The miracles of science™ and all products denoted with ® or TM are registered trademarks or trademarks of E. I. du Pont de Nemours and Company or its affiliates.

DuPont is a science-based products and services company. Founded in 1802, DuPont puts science to work by creating sustainable solutions essential to a better, safer, healthier life for people everywhere. Operating in more than 70 countries, DuPont offers a wide range of innovative products and services for markets including agriculture and food; building and construction; communications; and transportation.

This information corresponds to our current knowledge on the subject. It is offered solely to provide possible suggestions for your own experimentations. It is not intended, however, to substitute for any testing you may need to conduct or determine for yourself the suitability of our products for your particular purposes. This information may be subject to revision as new knowledge and experience becomes available. Since we cannot anticipate all variations in actual end-use conditions, DuPont makes no warranties and assumes no liability in connection with any use of this information. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent right.