

# WHAT'S NEW

AFRICA CUSTOMER MAGAZINE



## FOOTPRINT

ALGERIA · ANGOLA · BOTSWANA · CAMEROON · DJIBOUTI · EGYPT · ETHIOPIA · GHANA ·  
IVORY COAST · KENYA · MOROCCO · MOZAMBIQUE · NAMIBIA · NIGERIA · RWANDA ·  
SENEGAL · SOUTH AFRICA · TANZANIA · TUNISIA · UGANDA

## INNOVATIVE & SUSTAINABLE

SYNERGY  
ACQUISITIONS  
INNOVATION DAY  
SUSTAINABLE SOLUTIONS

## PRESENCE

PEOPLE COMMUNITY  
ENGAGEMENT  
REACH END USER  
CUSTOMER CENTRICITY  
SIKA ACADEMY IN AFRICA

# WHAT'S NEW #6 2022

## EDITORIAL



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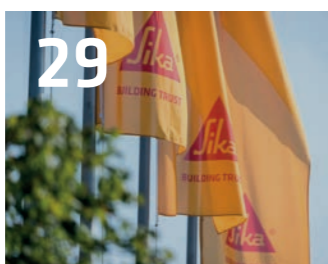


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# EDITORIAL

Dear readers,

There's no doubt that exponential demographic growth is a major challenge for the African continent. Governments must anticipate the local need for infrastructure and residential buildings in the most efficient and sustainable way. An additional element to consider in Africa's megacities is their very young population as well as the needs in terms of health, transport, education, power, and water supply, which are critical. This offers huge potential for the construction sector.

Sika has invested and expanded its presence based on that perspective.

From the beginning of Sika's development in Africa, the primary focus has been on recruiting and training our local employees.

We pursue clear priorities: we are looking for people who think in an entrepreneurial way, who are committed and who enjoy sharing Sika's values while being respectful of the cultural differences. Finding the right people, developing, and retaining them is a clear commitment from the management. Maintaining this approach is key to ensure the future success.

The needs of African markets and customers are very diverse, but we observe that overall, the markets are evolving towards higher quality and more sophisticated solutions. Many projects are specified by European and American engineer offices and architects which require state-of-the-art technologies. There is a clear correlation between the technical maturity level of a market and the GDP per capita in that country.

Entrepreneurial spirit is a value which we extensively spread and develop in Africa. This is a leadership skill that attracts and motivates talents, to innovate in all aspects and to focus our energy on achieving excellence every day. Initiatives, ideas, and innovations are encouraged every-

JEAN DE MARTRES,  
Africa Area Manager



where - our first Africa Innovation Contest and Award illustrates this. It was celebrated last December. The winners were invited to Sika's headquarter in Switzerland in March 2022 to present their projects. We want to encourage our employees to come up with innovative ideas that focus on providing our customers with new solutions that bring clear added value.

Our Africa strategy involves strengthening and expanding our current market leadership and market share on the African continent over the next years. We will continue to invest in our employees to achieve this target. This will strengthen local organizations and bring us even closer to market needs. We need to work even more intensively on improving the level of service we offer. The Sika brand stands for excellence and should be perceived as such - by the smallest craftsmen through to the largest construction company.

Keep safe and best regards.

TUNISIA

# BOU HERTMA DAM



## PROJECT DESCRIPTION

The Bou Hertma dam, first filled with water in 1976, located in northern Tunisia about 20 km north of the town of Bou Salem. The role of this dam is to retain water from Oueds Ellil and Ghezala, to supply water to irrigate areas in the Medjerda valley. The overall cost of this project is approximately 67.672 million dinars, consists of increasing the height of the flood barrier by 3.5 meters as well as the rehabilitation of the 45-years-old galleries.

## SIKA SOLUTIONS

The galleries were flooded due to infiltration from cracks and joints. The height of the water in the dam can reach 40 meters.

Sika offered a tailored waterproofing solution for this structure with engineered advice to protect the full system with a steel plate at the surface. The systems recommended were:

- Crack injection with Sika Injection® -101 RC and Sika Injection® -201 CE.
- Sikadur-Combiflex® SG -20P system.

### SIKA PRODUCTS

- Sika Injection® -101 RC
- Sika Injection® -201 CE
- Sikadur-Combiflex® SG -20P system

- Owner: Ministère de l'Agriculture des Ressources Hydrauliques et de la Pêche - Direction Générale des Barrages et des Grands Travaux Hydrauliques
- General Contractor: HYDROKARST
- Applicator: AZMC

ETHIOPIA

# COCA-COLA SEBETA PROJECT



## PROJECT DESCRIPTION

Coca-Cola Sebeta project located in Sebeta town, 25 km west of the capital Addis Ababa. The project is part of Coca-Cola's planned 300 million dollars investment in the expansion strategy in the country. The project started on June 2019 and expected to be completed in 2022. With an investment of 70 million dollars, the project area is 14.3 hectares of land. Upon completion, the factory is expected to have a manufacturing capacity of 70,000 cases of soft drinks per day.

## SIKA SOLUTIONS

With the project having concrete work, plastering, tiles and floor works, Sika has supplied different products to the customer request. Concrete works has been done with the supplied plasticizing admixture. Flooring works has been divided into different sections, with self-levelling epoxy and floor hardener applied as per the requirement. In addition, cross-selling was possible with supply of tile adhesives and cementitious waterproofing products.

### SIKA PRODUCTS

- Plastiment® BV-40
- Sika Seal® -105
- SikaCeram® -105
- SikaCeram® -205
- Sikafloor® -161
- Sikadur® -504
- Sikafloor® -263 SL
- Sikafloor® -CureHard-24

- Owner: Coca-Cola, East Africa Bottling Share Company (EABSC)
- Main contractor: Elmi Olindo Contractors PLC
- Electromechanical contractor: Alama Engineering PLC

SOUTH AFRICA

## NEW ASHTON ARCH BRIDGE



## PROJECT DESCRIPTION

New Ashton Arch Bridge is the first South Africa concrete tied-arch bridge with a transverse launching method.

This bridge replaced an existing multi-arch bridge built in the 1930s, which no longer fulfilled its functional requirements.

The main goal of this project was to improve traffic and pedestrian safety, as well as improve the flood capacity of the bridge and its resistance to overtopping. The original earth-filled bridge was constructed for single lane traffic and in 1950 a substantial structural retro fitment upgrade was carried out. The new design has taken these issues into consideration and will also facilitate the prevention of debris build up.

New Ashton Arch is complete, with the arch superstructure launched into its final position during August 2021. Completion of the overall project is scheduled early in 2022.

The new tied-arch bridge comprises a cable-supported concrete deck which spans 110 metres between supports with

arching ribs rising 22 metres above the asphalt road surface. The overall height of the bridge is 23 metres.

## PROJECT SPECIFICATIONS

The bridge comprises a cable-supported concrete deck which spans 110 metres between supports with arching ribs rising 22 metres above the roadway. It has a single tied-arch structural configuration, where the typical cross-section of the arch bridge deck provides 4 traffic lanes with 3.4 meters and 2.4 meter sidewalks in both sides. The twin parallel arch ribs are connected via 5 wishbone beams with 15.5 meters beams providing lateral stability to the arch ribs, post-tensioned tie-beams complete the arch structural form.

To achieve a higher level of stability and safety on the temporary concrete support columns, the structural engineers specified SikaWrap® -300 C for additional structural strengthening. This was used to encapsulate the head of

the concrete support columns, using Sikadur® -330. The Sika®CarboDur® FRP Design software, a state-of-the-art external structural strengthening design program was an exceptional added benefit.

The launching of the bridge from its original position to its final position required a perfectly levelled surface. This was achieved by using Sikadur® -42 ZA. Tests with other products were performed prior to application and Sikadur® -42 ZA met all the stringent requirements set out by the Project Engineers.

SikaGrout® -295 ZA, was used in several vital applications. This included the grouting behind the anchor plates and jacking frames and to create the permanent plinths for the permanent bearings. SikaGrout® -295 ZA was chosen for its high flow properties that allowed it to be pumped and poured into position. This facilitated a huge time saving benefit to the project.

## SIKA SOLUTIONS

State-of-the-art bridge analysis software packages were used by AECOM's complex bridge specialists for the design, construction stage and in-service analysis. This allowed an accurate simulation of the time-dependent material behaviour with the possibility of force adjustments during construction.

Using a transverse launching method of a completed concrete tied-arch road bridge is a first in South Africa where more than 8.000 tons of concrete and steel was moved over 24 metres in less than 12 hours. Using Sika products this one-of-a-kind task was made possible.

The dead weight at each abutment of 4.000 tons was moved using the following equipment:

- For 322 ton launching strand jacks
- For pulling cables with 31 strands with a breaking force of 27 tons each
- Supplementary pulling capacity of two 120 tons jacks with 50 mm diameter stress bars
- For temporary launch sliding bearings with 900 mm diameter rotational pots
- For roller side guides to keep the bridge on track

To install the sliding and permanent bearings the 8000 ton deck had to be vertically lifted and lowered by H&I Construction. This was done in phases by installing the bear-



ings at one abutment before repeating the process at the next twelve 500 tons hydraulic jacks were used for lifting and lowering the deck per abutment.

An extensive monitoring plan was prepared for construction and included system identification by full-scale dynamic testing as well as structural behaviour verification by deformation measurements, requiring continuous modelling and monitoring during all construction stages.

## SIKA PRODUCTS

- SikaWrap® -300 C
- Sikadur® -330
- Sikadur® -42 ZA
- SikaGrout® -295 ZA

- Owner: Western Cape Provincial Government Department of Transport and Public Works
- Engineer: AECOM Structural Engineers
- Main contractor: H&I Construction
- Sub-contractor: Allweld Marine & Industry
- Sub-contractor: Amsteele Systems

KENYA

## UPPER HILL CHAMBERS



## PROJECT DESCRIPTION

Upper Hill Chambers is a 26-storey commercial building with 6 levels of parking space where 20.000 sqm of epoxy flooring was done using Sika flooring products together with 9.800 sqm of façade installation. The estimated value of the project was 1 MCHF.

## PROJECT SPECIFICATION

The project required 2 mm smooth epoxy system for parking bays, 2 mm anti-slip finish epoxy system for driveways and anti-slip coating system for ramps. As for the façade installation, we used weather resistant sealant and two component structural silicon on DGI units.

Special treatment for the substrate was required before the application of epoxy flooring system due to poor concrete surface quality.

## SIKA SOLUTIONS

The project required a levelled, durable and aesthetically pleasing floor for vehicular traffic. Sika proposed an epoxy system with 2 mm thickness to ensure proper durability and anti-slip finish to increase abrasion resistance.

Sika solutions proposed for the flooring and façade installation in different areas:

- Parking Bays with self-smoothing system for concrete and cement screeds with medium to heavy wear
- Driveways & Ramps – coloured epoxy resin to be used for concrete and cement screeds with normal up to medium heavy wear and to seal coat for broadcast systems
- Concrete Repair with a moisture tolerant, thixo-tropic, structural 2-component adhesive and repair mortar, based on a combination of epoxy resins and special fillers

- Facade, fenestration and installation – neutral curing silicone adhesive with excellent adhesion to a wide range of substrates, used as a structural glazing adhesive or residential window backbedding /glazing adhesive and for other bonding applications where superior resistance to UV radiation, high temperatures and weathering is required.

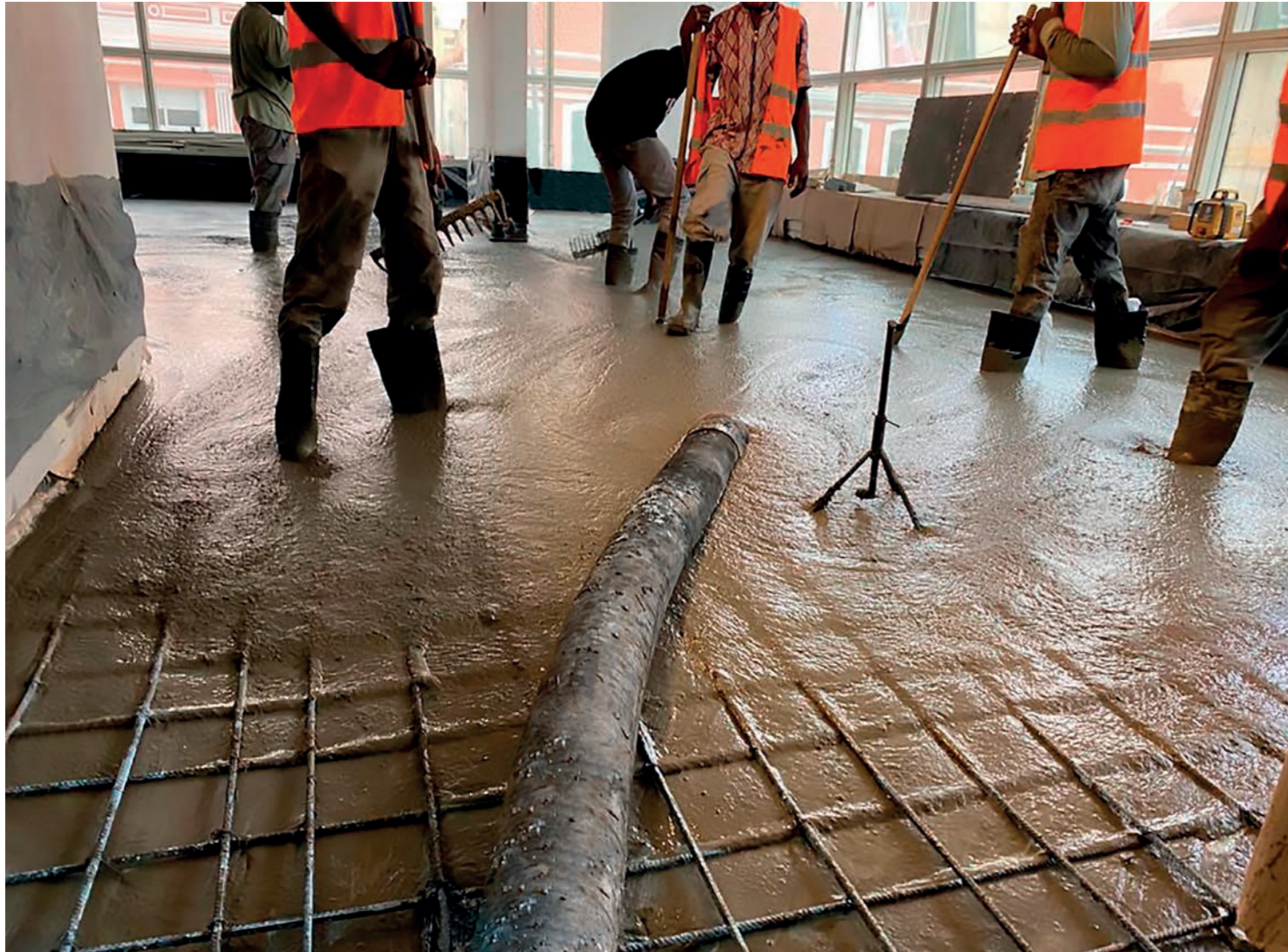
## SIKA PRODUCTS

- Sikafloor® -161
- Sikafloor® -263 SL
- Sikadur® -507
- Sikafloor® -264
- Sikadur® -31CF
- Sikasil S® -G 18
- Sikasil® -WS 605
- Sikasil® -IG 25
- Sikasil® -SG 500 CN
- Sika® Spacer Tape

- Contractor – China Wu Yi Co., Ltd
- Consulting Engineers – Gath Consulting Engineers
- Architects – Adventis Inhouse Africa Ltd
- Flooring Applicator – Triple 3 Holdings
- Façade Contractor – Aluglass Africa Ltd

ANGOLA

# RHEODYNAMIC CONCRETE FOR STRUCTURAL REINFORCEMENT



## PROJECT DESCRIPTION

Sika was requested to present a concrete composition with C40/50-XC1-S4-D15 class, rheodynamic concrete, with 2.5 hour pumped workability.

The Concrete Mix Design was carried out at the Kobeton Concrete Plant, using the New Sika Concrete Mix Design Software.

With the Sika Concrete Mix Design Software it is possible to support our partners to study and develop solutions that fulfill the highest requirements with Sika admixtures.

To fulfill the project requirements, Sika developed a special tailor-made admixture. A C40/50-XC1-S4-D15 with 3.50 hours slump life concrete was achieved.



## SIKA SOLUTIONS

The structural reinforcement was calculated by a designer hired by the owner, whose solution was based on the exclusive use of Sika materials.

The application was carried out by a Moroccan applicator, with extensive experience in structural reinforcement with Sika products.

- Ready Mix Concrete Plant: Kobeton - Onésimo Pereira
- Applicator: Pisonorte Ltda

Carbon plates structural reinforcement solutions were also used, notably with the Sika® CarboDur® product range.

Advantages:

- Elimination of the risk of structural collapse.
- Restoration of initial structural resistance.

## SIKA PRODUCTS

- Sika® ViscoCrete® -1205 UNI
- Sika® Aer 5 AO
- Sikafiber® M-12
- Sika® Antisol® -4 AO
- SikaLatex®

SIKA AFRICA

# SIKA INNOVATION DAY 2021

## INNOVATION DAY - AREA AFRICA

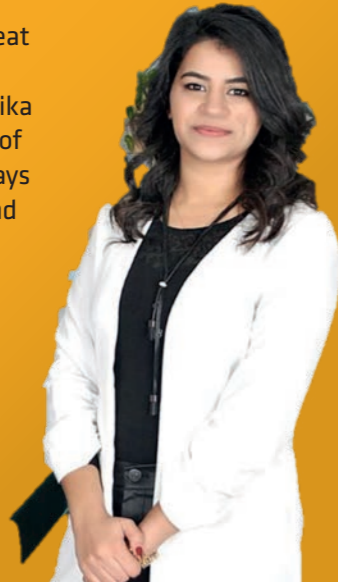
Innovation is key for Sika's success. In 2021, the area Africa put into life the Africa Innovation Day and with that a contest to challenge teams throughout Sika organizations in the area Africa in the domain of innovative project ideas for new products, strengthening sustainability and exploring new paths in marketing and Communication. In March 2022, the winning team was travelling to Switzerland to present and discuss ideas and new approaches.

## CHALLENGING IDEAS FOR THE FUTURE

In the context of the Innovation Day, the process started with the definition of the LIT (local innovation team) in each country of the area Africa. The first milestone was the creation and the evaluation of possible project ideas in each country. There has been a full array of different focus topics ranging from new products, sustainability projects and/or new ways of marketing and communication. This kind of innovation challenge has been open to all Sika employees in the area Africa as innovation is part of the culture.

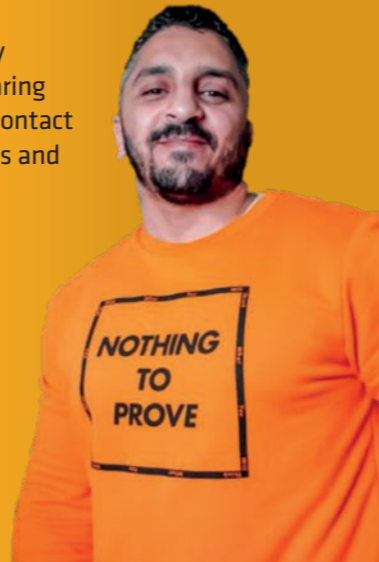
Innovation Day is a great way to drive and push innovation inside all Sika departments. As part of R&D team we are always looking to innovate and bring added value to Sika solutions and to the market.

**Mariz Fares**  
Manager Quality Control and R&D  
SIKA EGYPT



Fantastic experience! I enjoyed listening my colleague's ideas, sharing knowledge, being in contact with different cultures and ways of thinking.

**Ehab Helmi**  
Digital Marketing Specialist  
SIKA EGYPT



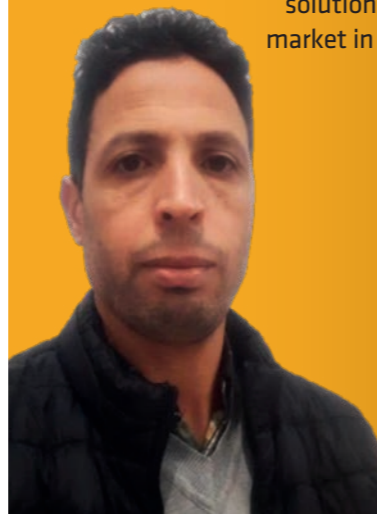
We aim to develop solutions that might be alternatives that allows to reduce waste and protect the environment

**Kamel Ferhati**  
Laboratory Responsible  
SIKA ALGERIA



Our idea is about taking Sika solutions and bringing it to the market in a way that all partners would be able to use it

**Noureddin Habad**  
Business Development Manager  
SIKA MAROC



SIKA AFRICA

# ASPHALT FLOOR JOINT SEALANT SIKAFLEX®



Civil engineering generally deals with the construction, maintenance and repair of all types of utility and infrastructure projects. All of these projects contain joints and connections which need to be securely sealed and protected.

For transportation infrastructure that includes roads, highways and railways along with their bridges and tunnels, docks and harbors, airports and associated stations, terminals and support structures and facilities, Sika added recently in the product range a new solution.

As full access for traffic and normal service needs to be returned as soon as possible - ideally within just a few hours - so that vehicles can pass without delay, a rapid curing solution is needed.

**Sikaflex®-406 KC** is the new solution already presented to the market and many key players are using it for roads, highways, bridges and railways across Africa.

It is a PU self-levelling sealant for elastic floor joint with high mechanical and chemical resistance, that by simply adding a booster, also known as an accelerator, it is possible to open the traffic in 2 hours.

The use of **Sikaflex®-406 KC** with **Sikaflex®-406 KC Booster** provides optimized solutions for safe, reliable joint sealing on all road and pavement projects.

### MAIN USES

- Connection joints between steel, concrete, granite, asphalt and tram line rails
- Movement joints in roads and airport pavement, parking decks, driveways and pedestrian areas

### MAIN ADVANTAGES

- Curing speed is not related to the joint dimensions - the sealant cures homogeneously internally
- Suitable for application in dry conditions - cures independently of the atmospheric humidity
- Not susceptible to moisture - so the system provides bubble-free curing
- Not sensitive to mixing errors - the sealant will always cure
- Adjustable application times - the amount of booster can be varied within certain limits
- EHS friendly and safe to use - the booster is a water based paste

### APPROVALS

- CE: EN15651-4 PW EXT-INT CC 25 HM
- EN 14188-2
- US Federal Specification SS-S-200E
- Chemical resistance tests
- EC1PLUS, A+, LEED v4

Get in contact with your local Sika and request for a sample.

ALGERIA

# SIKA & MORTERO SYNERGY: SIKAWALL® 112 HU



Sika follows a growth strategy by accelerating internal development driven by an innovative and entrepreneurial spirit. Internal growth is accompanied by acquisitions and smooth integration.

Following the acquisition of PAREX in May 2019, Sika Algeria and Mortero are working closely together to offer you the best solutions that are developed with the success of our customers in mind.

SIKA AFRICA

# SUSTAINABILITY IN AFRICA



Sika Africa is committed to continuously improve its social and environmental impacts on the continent, reducing its waste generation, guaranteeing the safety of its employees and partners, improving its products, and providing services to local communities.

Over the past year, Sika's teams worked relentlessly towards a lower environmental impact. In Ivory Coast and in South Africa, some of our cementitious products are now including sustainable bio ashes in partial replacement of cement in the formulas, increasing the properties of the products while dramatically reducing its environmental footprint. Building on the success of this innovation, locally sourced biomaterials will progressively be introduced in our products across the continent, participating in the local economy while reducing our environmental footprint. In 2022, Sika started an energy efficiency program in all its factories in Africa, leading to energy savings and renewable energy implementation: Sika Bouskoura factory in Morocco almost halved its electricity consumption following the deployment of solar panels. Sika is also committed to

reduce its waste generation. For instance, last year, Sika Obour factory in Egypt reduced the amount of industrial wastewater generated by 90% using advanced treatment facilities.

Overall in Africa, we consider health and safety as the most objective to care about people. Sika's local teams are continuously working on increasing the health and safety of our employees across the continent through numerous training sessions, an easy access to the latest protective equipment and a commitment to create and maintain the safest working environment possible in our factories. Sika Africa has also been a trusted partner of local communities for years. Last year alone Sika demonstrated its commitment to local communities through an ever-increasing number of projects, from the waterproofing of the roof of a local school in Senegal to the gathering and recycling plastic waste in South Africa. Between 2020 and 2021, the number of community engagement projects led by Sika Africa more than doubled and is set to increase further this year.



SIKA AFRICA

# SIKAFLOOR® PURCEM® GLOSS

FUNCTIONAL, ECOLOGICAL AND ECONOMICAL FLOORING SYSTEM



**Sikafloor® Purcem® Gloss** is the new generation of functional flooring solutions from Sika. It is sustainable and user friendly as well as highly durable, aesthetically pleasing and easy to clean.

The **Sikafloor® Purcem® Gloss** products and systems are a new addition to the successful Sika HyCem® hybrid polymer technology. **Sikafloor® Purcem® Gloss** systems meet the highest environmental regulations, they combine the advantages of existing polyurethane cement technology and common resin based flooring systems with functionality, ecological and economical benefits.

Suitable to apply in projects ranging from heavy industry to residential floors.

## CERTIFICATES AND APPROVALS

- Taint Potential in Food Production
- Campden BRI, UK Cleanability and Hygiene
- Fraunhofer Test Institute, Germany Flooring in Food Sector
- ISEGA, Germany Indoor Air Comfort – Gold Certificate
- Eurofins, Germany Slip resistance behaviour. MPI Prüfinstitut, Germany

## USES

- Food and Beverage Industry
- Manufacturing and Process Industry
- Warehouses and Logistics
- Commercial Buildings



## MAIN ADVANTAGES

- Glossy appearance
- Hard surface
- Ultra low VOC
- Good Cost performance

- Fire resistance
- Easy and fast application
- Traffic and mechanical wear
- Chemical resistance
- Lining
- Tolerance to moisture

SIKA AFRICA

# INNOVATIVE AND SUSTAINABLE SOLUTIONS

Sika is all about innovation. We pride ourselves by continuously developing new technologies to enhance our product range in the construction industry.

This pro-active commitment to research and development has led to Sika introducing a new and improved range for concrete repair and protection with contribution to reduce Sika's carbon footprint.

Sustainability Portfolio Management (SPM) is the mechanism used by Sika to evaluate and classify its products in defined market segments in terms of both Performance and Sustainability.

With the aim to increase the company's portfolio of "Sustainable Solutions" – products which combine performance with sustainability, Sika contributes also to its customer focus by supporting the sustainability goals of business partners and customers

**SUSTAINABILITY CATEGORIES**

Products assessed under the SPM methodology undergo a rigorous evaluation against 12 Sustainability Categories.

**Supplier Sustain-ability**  
Sharing values for more success

**Risks**  
Addressing current and future reputational & business risks.

**Air Quality & Emissions**  
Products that promote good air quality and minimise emissions.

**Chemical Hazard & Exposure**  
Assessing and eliminating chemical hazards and exposure

**Regulatory Trends**  
Aligning product developments with regulatory trends and stakeholder expectations

**Climate**  
Products that minimise the impact on the climate.

**Health & Safety**  
Products that are healthy, safe and easy to use

**Energy**  
Products that promote energy efficiency principles

**Resources**  
Efficient use of precious resources.

**Packaging**  
Prioritizing the use of responsible packaging for products

**Green Building Standards**  
Products that contribute to world-renowned Green Building Standards

**Cost Savings Downstream**  
Helping customers to directly, measurably and significantly reduce costs during application/use.

**PERFORMANCE CATEGORIES**

Products assessed under the SPM methodology undergo a rigorous evaluation against 6 Performance categories.

<p><b>Technical Performance</b> Achievement of selected technical objectives</p>	<p><b>Ease of Application</b> The product's convenience and ease of use</p>	<p><b>Additional Features</b> Product-technology-specific requirements</p>
<p><b>Aesthetics</b> Well designed, pleasing appearance and effect</p>	<p><b>Cost Benefits</b> Cost-effective solutions</p>	<p><b>Durability</b> Solutions that prove test of time</p>

Here are some examples of products which are assessed to demonstrate both significant Sustainability and Performance benefits qualify as Sustainable Solutions.

**The Sika MonoTop® concrete repair range** is the result of our unique mindset and development efforts where we can proudly prove that, yes, more performance and more sustainable is possible.

**Sika MonoTop® 1010** Performing and sustainable bonding primer and corrosion protection slurry.

**Sika MonoTop® 4012** Durable and sustainable concrete repair and refilling mortar.

**Sika MonoTop® 3020** Performing and sustainable smoothing and levelling concrete repair mortar.



**SikaGrout®-234**  
High performance sealing and padding mortar. Possible to reach 250 mm thickness per layer with ~80 MPa compressive resistance.

**Sikagard®-5500**  
High crack-bridging plus reduced CO<sub>2</sub> emission protective coating. Only protective coating with A5 classification for crack bridging in static cracks.

**Sikadur®-31+**  
Two-part, low-VOC epoxy adhesive for structural bonding and small concrete repair works. According to the EN 1504 for small concrete repair, crack sealing and rigid bonding.



**SikaWall®-180 Viscorep**  
Ultra-fine leveling mortar for walls and ceilings.



**Know more here:** [www.sika.com/en/about-us/sustainability/sustainable-solutions/products--innovation-and-sustainability-.html](http://www.sika.com/en/about-us/sustainability/sustainable-solutions/products--innovation-and-sustainability-.html)

SOUTH AFRICA

OCEAN PLASTIC TECHNOLOGIES SYNERGY



With a strong local and global focus on sustainable solutions, Sika South Africa recently partnered with Ocean Plastic Technologies to do their bit. The synergy between the overall missions both parties share, naturally facilitated Sika's own sustainable environmental strategy. Sika South Africa reached out by sponsoring a training initiative along with volunteering time and effort to assist a great initiative, and to see first-hand how a circular economy is put into practice.

Ocean Plastic Technologies is creating an emerging economy for a new circular plastic waste value chain that empowers industries, consumers and communities across the world to reduce plastic waste. This starts with the company's network of micro recycling plants (MRP), owner-operated plants that recycle and part process reclaimed ocean, landfill and multi-layer plastic for resale back into the existing supply chain where it is remanufactured into new products. It is a sustainable business model that allows communities to monetise waste and helps them facilitate their positive participation within a global circular economy.

The benefits of these MRP's are many, but in short, they financially support the communities in which they operate, and do much to improve the natural environment within these communities – and collectively on a global scale. Ocean Plastic Technologies has partnered with the NPO skills development company, LOTS (Learn Observe Train Serve), to ensure the sustainability of the MRP model by providing ongoing training and mentoring for the owner-operators. Again, the alignment of Ocean Plastic Technologies' founding initiative resonates with LOTS' philosophy of both improving the environment and the upliftment of communities. Each of the currently operational MRPs have created three direct jobs, one hundred community jobs, and clean up approximately 152 000 kilograms of plastic each year!

On 10 November 2021, Sika South Africa volunteered an eight strong staff contingent from head office, to attend their first clean-up day – the beneficiary on this occasion was one of the MRPs in Willowfontein, Pietermaritzburg. Split into two teams, the Sika staff firstly participated in a clean-up collection of rubbish in the surrounding area. They



then switched to a sorting role, where different grades and colours of the plastics needed separating for processing through the recycling plant. On a normal day, Gogos (grandmothers) from the community would be performing these tasks, both earning from it and spending back into the community, a tidy, symbiotic relationship between people, plastic and place.

The Sika team were awed by this recycling concept, excited to both see it in action and to be a part of it. To witness the skills development training of the owner-operator entrepreneurs first-hand, and the downline job creation they facilitated, was reward enough for Sika's sleeves-up team! Sika look forward to the next clean-up.



Oliver Nudds, managing director at Ocean Plastic Technologies, sums it up for us: "We have to rethink and redesign the waste plastic circular economy. Investing in communities is key and by taking recycling to source, we're working to advance a sustainable and inclusive waste plastic economy that drives entrepreneurship, wealth creation and community development. Our mobile Micro Recycling Plants (MRPs) are located at the source of waste plastic – with a network of collectors cleaning up their communities which ensures that the waste doesn't enter waterways and end up in our oceans. It's a win-win all round and essential to our circular economy."

- Enhancing network consisting of NGOs, local communities and Sika
- Build brand awareness in terms of Sika's sustainability approach
- Integrating Sika staff and departments
- Creating and strengthening SIKa SPIRIT culture

**THEMATIC FOCUS**

- Environment/Water

**BENEFICIARIES**

- 3 direct jobs at the MRP
- 100 community jobs created
- Indirectly: 5,000-10,000 community members benefit (Willowfontein site)

**SPEND**

- CHF 937 towards training
- CHF 5326 volunteer time
- More to donate towards the end of the year (ongoing project)

ANGOLA

# ONDJOYETU MISSION

(MEANING "OUR HOUSE" IN LOCAL LANGUAGE)



Sika Angola participated in a project to help to renovate a village located in an area difficult to access. This action

was completed on houses and water tanks to provide better conditions for the community.

### THEMATIC FOCUS

- Sustainable Housing & Drinkable Water

### BENEFICIARIES

- Community in the Center of the country
- 35,000 people
- Very difficult access
- 9h far away from the main village (15h when it rains)
- Limited drinkable water, electricity and medical cares

### MISSION PURPOSE

- Support the development of a people
- Give some conditions to the village
- Offer our product
- Networking with other companies to support this project with non Sika Products



### WATERPROOF BLOCKS FOR BUILDING HOUSES

The blocks for building houses are made out of argila, cement and sand. Sika solutions were used to enhance the durability of this blocks and construction technology.

### SIKA SOLUTIONS

- Sika®Plastocrete -05 (for the concrete mix)
- SikaCeram® -50 AO (for blocks adhesive)
- Sikaflex® (for multiple bonding)
- SikaGrout® - 212 AO (for grouting)



### REFURBISHMENT & WATERPROOFING WATER-TANKS FOR POTABLE WATER

For old watertank from the 70's in very bad condition, refurbishment and waterproofing operations were done.

### SIKA SOLUTIONS

- Sika® Icosit K -101 N
- Sika MonoTop® -620 AO
- Sika MonoTop® -412 AO
- SikaTop Seal® -107
- SikaLatex®



ALGERIA

# ENVIRONMENTAL AWARENESS

SIKA DAY, A DAY THAT REMAINS IN THE MINDS



Sika El Djazair, joined the hundred of subsidiaries around the world to celebrate the “Sika Day”, under the slogan “We love Sika”, all our staff participated in the success of this unforgettable day. We started by welcoming the students of the college Salah Eddine El Ayoubi of the eucalyptus trees, our staff was with the small care to provide the necessary explanations, related to the various processes of manufacture. The students were delighted to visit the various production workshops and the laboratory.

The next day, we headed for Boumerdes, this charming city in the east of Algiers, where we were welcomed with open arms. Armed with our cleaning tools, and above all with our will, we started cleaning one of the most beautiful beaches of this city. All afternoon, our colleagues have combed the beach. The result was dozens of large garbage bags filled. These contributions, however small, reflect our company’s commitment to the community. Sika always remains true to one of its core values “Sustainability and integrity”.



ALGERIA

# ERA EXHIBITION 2021



Sika Algeria aims to keep active and present in the market with solutions to overcome the challenges in the renewable energy industry.

Certain of the growth of renewable energies in Algeria, Sika El Djazair has chosen to participate in the 11th edition of the international exhibition of renewable energies, clean energies and sustainable development ERA. A major annual meeting gathering more than 40 professionals operating in this sector as well as visitors interested in it. It took place at the Oran Convention Center.

Our objective is to support our customers with our most innovative solutions and to provide them with our knowl-

edge in order to improve their productivity at the best cost and quality ratio.

TANZANIA / IVORY COAST

# AFRICA EXPANSION IN TANZANIA & IVORY COAST



**Sika has moved into a new site in the East African country of Tanzania and is now locally producing mortars in addition to concrete admixtures. The site also offers space for further growth in operations. Sika has likewise increased the size of its plant in Western Africa's Ivory Coast: A site that is now double the size compared to before is home to new warehousing capacities and offices, as well as to laboratories and additional manufacturing facilities. With these investments, Sika has positioned itself for further dynamic growth in the two African countries.**

The significant expansion of production and warehousing zones at the Dar es Salaam and Abidjan plants marks another important milestone in the implementation of Sika's growth strategy on the African continent. Demand for Sika

solutions is rising sharply. The primary growth drivers are increasing industrialization, rapid population growth, and a strong shift toward urbanization accompanied by significant needs in terms of infrastructure. While Africa has a current population of around one billion, this is set to double by 2040, opening up huge business potential for Sika.

The recent expansion in production in Tanzania allows Sika to now supply customers with locally produced mortars and tile adhesives in addition to concrete admixtures. This eliminates the need for long transport routes and ensures rapid and reliable deliveries to customers.

The site extension in Ivory Coast will allow the company to double production capacities in tile adhesives and repair



mortars while simultaneously increasing warehousing capacities. Sika also intends to supply the neighboring countries of Burkina Faso, Togo, Benin, Mali, and Sierra Leone from the site in Abidjan.

Ivo Schaedler, Regional Manager EMEA: "With Sika subsidiaries in 18 African countries and 22 plants on the continent, we are investing in the long term and sending a strong signal in terms of our commitment to sustainable business activities in the region. In our two expanded sites, we are producing high-value solutions used in major infrastructure projects. Examples of such projects are the Metro project and port expansion in the Ivory Coast city of Abidjan as well as the Standard Gauge Railway and the Julius Nyerere hydro-power station in Tanzania."

## INFRASTRUCTURE EXPANSION FUELS GROWTH IN CONSTRUCTION INDUSTRY

The construction industries in both Tanzania and Ivory Coast are being boosted by public-sector investment in major infrastructure projects. Average annual growth in excess of 10% is forecast for Tanzania's construction industry between now and 2025, while the growth figure for Ivory Coast is put at 6%.

GHANA

NEW AFRICA SUBSIDIARY IN GHANA



Sika is continuing to expand its presence in Africa and has established a new national subsidiary in Ghana. By adding this latest company to its network, Sika is taking a further step towards implementing its growth strategy in Africa. With more than 30 million inhabitants, Ghana is West Africa's second most populous country. Thanks to strong cocoa exports and a wealth of natural resources, its economy is flourishing.

The country's growing construction market gives Sika the opportunity to contribute to its economic development. For several years, Sika served the Ghanaian market from its subsidiaries in neighboring countries and thereby built a local customer base. Given the large volume of business and high demand, Sika has now opened its own national sub-

siary to manufacture locally and provide technical support. Sika Ghana based in Accra Tema Industrial Zona, will have available a wide range of solutions to offer and will start local production with concrete admixtures and grinding aids and, followed by engineered mortars and tile adhesives.

The Ghanaian economy is expected to grow by more than 4% in the current year. Investors' confidence is based on government stimulus programs and the Ghanaian government's proactive economic development plans to promote local businesses. Major infrastructure projects include several important rail lines, upgrading the port of Tema near Accra, expansion of the existing road network, and health-care infrastructure.

SIKA AFRICA

ACQUISITION OF MBCC



In November 2021, Sika signed a binding agreement to acquire the MBCC Group (the former BASF construction chemicals business). With sales of CHF 2.9 billion, the MBCC Group is a leading supplier of construction chemicals and solutions worldwide. The acquisition will complement and broaden Sika's portfolio in four of five core technologies and seven of eight Sika Target Markets, while further strengthening the company's geographic footprint, especially on the African continent, in Egypt, Algeria, Morocco, Kenya, Tanzania, South Africa and Nigeria. The transaction will give rise to a major player supporting greater sustainability.

The market for construction chemical products and solutions is set to grow to around CHF 80 billion over the next few years. As this market is heavily fragmented, it will continue to offer substantial growth opportunities, particularly in the area of sustainability. MBCC generates around

53% of its sales in the construction systems sector and the remaining 47% in the concrete admixtures segment. The acquisition is subject to approval by the authorities. Sika is confident it will receive all required clearances in a timely manner and will cooperate closely with the authorities to this end. The closing of the acquisition remains targeted for the second half of 2022.

"Two sustainability champions will join forces. Sika is first in class for sustainable solutions across the entire construction industry, and similarly, sustainability stands at the core of MBCC Group's business. Together we will reinforce our complementary range of products and services across the entire construction life cycle. With our combined portfolio, we will enable and accelerate the future of sustainable construction for the benefit of customers, employees, shareholders, and coming generations." Thomas Hasler, CEO of Sika

MOROCCO  
**LES HAKALINES INTERVIEW**



**Who are you and why did you join this adventure?**

We are the Hakalines, team 266

Céline Aujoulat, I am 41 years old. I am a firefighter and I have 2 children. I have been familiar with the world of rallies since I was a child because I followed the Paris-Dakar with my father. Even when I was very little, I dreamed of such an event for women. When the first edition of the Aicha des Gazelles Rally was held, the dream of taking part had not left me. I signed up for it in 2015, but unfortunately the race was cancelled because of the terrorist acts. When I met Hakima, we took on the challenge, and here we are now.



Hakima Legrand, I am 42 years old. I am a private nurse and mother of 3 children. I have been dreaming of this rally for 20 years. For a long time I thought it was an impossible dream, until I met Céline during an operation at the hospital. We talked and knew right away that we would join forces

**What does this race mean for you?**

This rally promotes the values that are important for both of us: humanitarian values, helping people, women, going beyond our limitations and ecological values, because it is not a speed race and the waste management is very strict.

**Tell us about your vehicle**

We tried to borrow a vehicle, and then we rented one, but each time the event was postponed or cancelled. We finally bought this Pajero from the team that won the rally in 2017. This specially-equipped 4x4 has taken part in the Aicha des Gazelles Rally since 2014.

It will be our house and our workshop. The back is specially outfitted to store all of the tools that we will need for our day-to-day life and also for minor repairs if necessary. The space is calculated with millimetric precision.

**How did you prepare for it?**

We had mandatory trainings : in navigation, to learn how to use maps and a compass in the old-fashioned way, in driving and in mechanics. The goal of the latter is to allow us to repair breakdowns that are not too severe. Our safety will be guaranteed of course, and we can call for mechanical assistance if necessary.

**There is much talk about ecology. How will you preserve this while driving a 4x4?**

This is not a speed race, on the contrary, you must drive as few kilometers as possible. We will find our bearings in the old-fashioned way, with maps and compasses. The impact will therefore be less substantial.

In addition, all wastes produced during the bivouac are recycled. We will leave absolutely no trace of our journey in the desert.

Furthermore, the Aicha des Gazelles Rally is the only one which is ISO 14001 certified.

**Tell us about your association and the collaboration with Sika**

To take part in the rally, it is necessary to create an association which is the only organization authorized to collect funds. We founded our association "Gard aux Gazelles" in 2018. Our association is sponsoring the *CŒuvre des Pupilles* for the Orphans of Firefighters of France, and all profits linked to the sponsoring will go to this charity.

Hakima works with Sika as a nurse, that's how we were able to share our project with you. Sika's sponsoring will allow us to finance the expenses linked to the Rally. We will also be able to test some products, such as Sikaflex 221, Sikaflex 551 UV, Sika Multi Oil or Sika Surface Cleaner. Throughout the entire race, a student from a school of

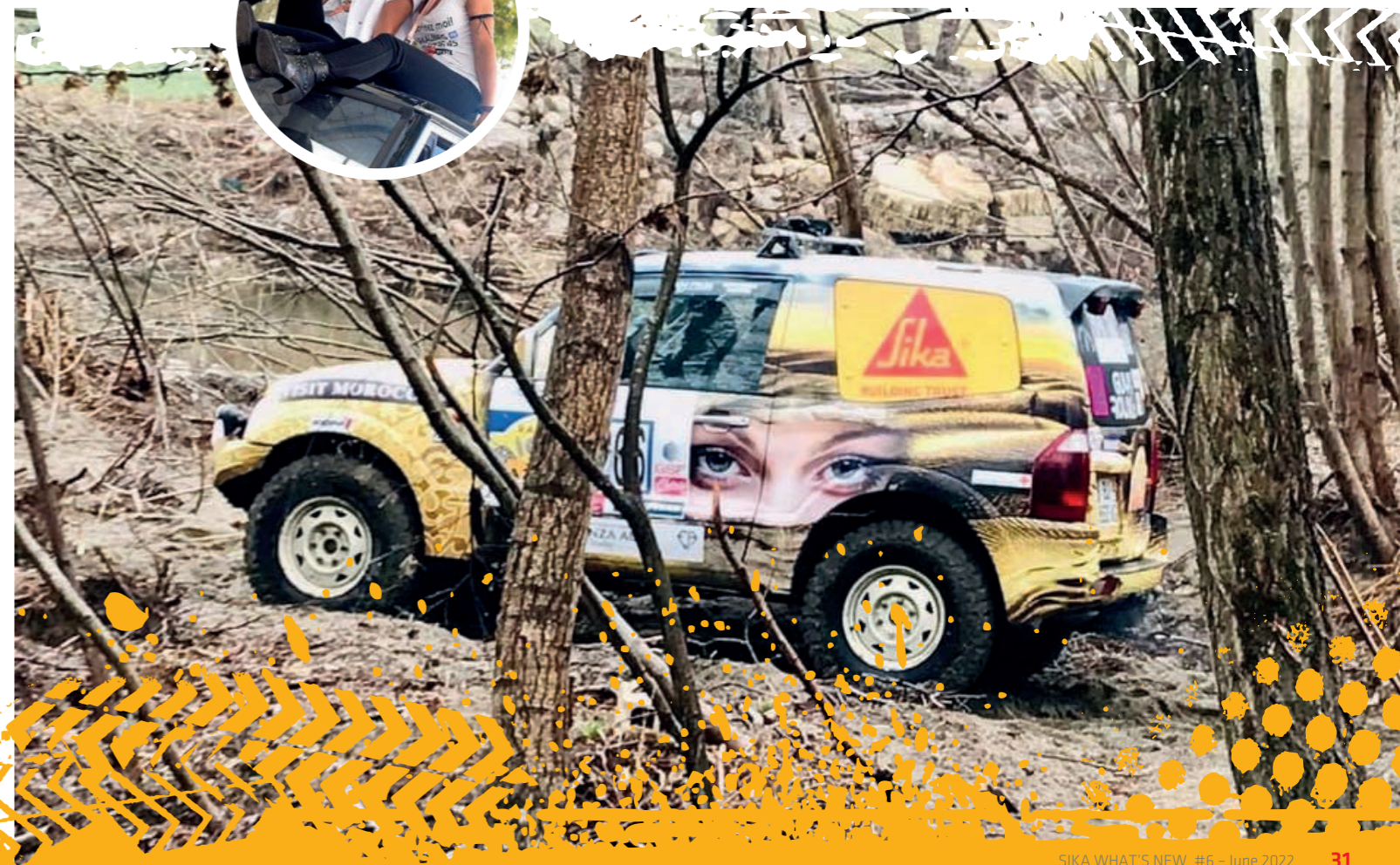
communications will relay our adventures on the social networks. It's an event that is followed by people all over the world. We hope that we will make all our sponsors proud. You can follow us on the social networks:

- <https://www.facebook.com/hakimaceline/>
- [https://www.instagram.com/les\\_hakalines/?hl=fr](https://www.instagram.com/les_hakalines/?hl=fr)
- <https://www.linkedin.com/in/les-hakalines-team-rallye-a%C3%AFcha-des-gazelles-3302381b1/?originalSubdomain=fr>

After the race, we will have time to meet with the women of Sika Morocco, and we will be able to talk about the value of your products with customers.

**In conclusion, what message would you like to send?**

This rally is very symbolic for us: We started from nothing, with many obstacles. We had many setbacks, but we didn't give up. With a lot of work and tenacity, we will live our dream. It's magic! Our families will join us at the arrival point, and we will be proud and happy to share these moments with them. You must believe in your dreams, and with hard work you can get there.





KENYA

# WOMEN IN REAL ESTATE



Sika Kenya as a partner of Wire, participates in the training program series for women in construction. Women in Real Estate (*Wire*) is an industry premier networking organization dedicated to advancing the achievements of women in the built industry. One of the activities took place in Sika Kenya factory, where we have SIK ACADEMY in KENYA. In this academy our partners can try and learn more about our solutions for construction industry by sharing knowledge.



ETHIOPIA

# SIKA ACADEMY IN ETHIOPIA

**Beyond the Expected trough Sika Academy in Ethiopia**  
Among the core belief of Sika Abyssinia is the transfer of knowledge to the market. Sika's high-end technology solutions are developed based on high level quality control procedures and focused on market trends and customer needs. To deliver this solutions, Sika Abyssinia conduct a numerous trainings for professionals and partners on several topics to support customers about Sika products and solutions.

We had more than 180 trainees from different business section which are Distributors, Applicators and Consultants. At the end of the trainings, each participant receives a certificate of completion of the training. This is one of the ways we continue to Building Trust with our customers.



**Ethiopia, Sika Abyssinia's 1st Customer Award**  
On Feb 11, 2021, Sika Abyssinia organized its first ever customer award ceremony, held at the Hyatt Regency Addis Ababa Hotel. The celebration was aimed in recognizing our customers and partners effort in the year 2020 as it was one of the pillars to the success achieved during the fiscal year. We had 60 attendees which were comprising of customers, partners and other important stakeholders. The award was categorized based on the different customer groups. Among them were, Best Distributor of The Year, Best Applicator of The Year, Best RMC of The Year and Best Contractor of The Year. In addition to the award ceremony Sika Abyssinia introduced new product ranges that will be available in 2021 as well as overall future strategies.





**CONCRETE**



**WATERPROOFING**



**ROOFING**



**FLOORING**



**SEALING  
AND BONDING**



**REFURBISHMENT**



**BUILDING FINISHING**



**INDUSTRY**

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