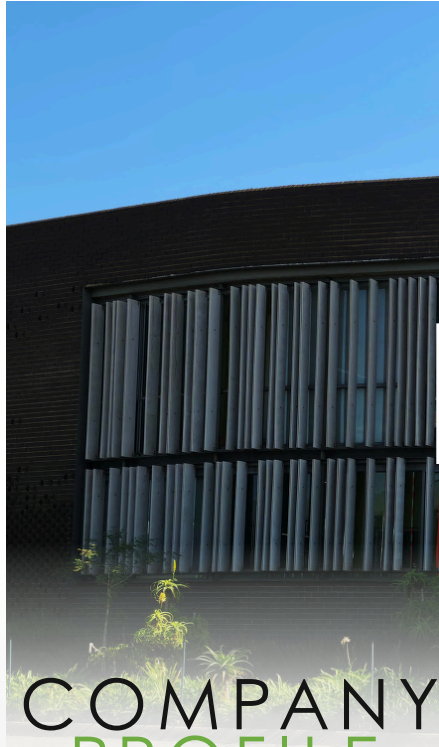
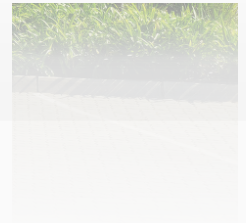


"change that doesn't cost the earth"



COMPANY
PROFILE



WWW.I-CAT.CO

ABOUT I-CAT

I-CAT was established in 2009 and is a leading environmental management company providing specialised services, innovative solutions and quality environmental products. Our commitment to the environment is matched by our commitment to our clients, enabling us to develop practical solutions to address environmental challenges across the industries we serve.

Our business culture is centred around our clients, our people and the markets in which we operate. What distinguishes I-CAT is our people-focused approach and strong commitment to delivering results. In an ever-changing and demanding world, this culture enables us to remain responsive and innovative while maintaining high standards of service.

We believe lasting success is built on genuine, long-term relationships with our clients. By understanding their operations and challenges, we develop practical solutions that add real value. We regard every relationship as an opportunity to gain insight, improve our offering and better serve our clients.

I-CAT is committed to the industries and markets we serve, providing the right solutions, information, products and support when needed. Our aim is to be a trusted environmental partner, delivering quality, innovation and sustainable results.



“Environmental solutions built on trust, innovation and results.”

VISION & MISSION

To be a trusted environmental partner, working collaboratively with our clients to deliver innovative and sustainable solutions that support regulatory compliance, improve productivity, reduce costs and minimise health, safety and environmental risks.

To build and grow a responsible, high-performing company founded on honesty, integrity, trust and diligence, where clients, employees, suppliers and all stakeholders have confidence in our business and take pride in being associated with I-CAT.

THE HISTORY OF I-CAT

I-CAT's journey in dust suppression began in 2009, when a challenge at the gold mine tailings near Soccer City ahead of the 2010 FIFA World Cup sparked the development of its first dust suppression solution. Through extensive testing and formulation, I-CAT developed a more effective, durable and cost-efficient product, soon expanding its application to haulage roads at mining operations across South Africa. The successful implementation of our product at several mining sites, established I-CAT as an innovative and trusted solutions provider.

Building on this foundation, I-CAT continued to invest in research and product development. In 2012, I-CAT developed a more effective and environmentally friendly alternative product, combining natural plant-derived materials to deliver superior road dust suppression at a lower cost. In 2014, I-CAT developed GreenBit, combining emulsified bitumen with lignosulphonate to create a high-performance solution for primary haulage roads. The success of GreenBit led to I-CAT securing the more primary roads contracts, marking a significant milestone in the company's growth and establishing its reputation as a leading innovator in mining dust management.

Since these early successes, I-CAT has continued to expand its capabilities and product portfolio. I-CAT subsequently also introduced dust misting systems and fire suppression systems to the market. Our geographic footprint expanded into Africa, establishing representation and partnerships across several countries. Today, I-CAT combines years of industry experience with ongoing innovation to deliver practical, environmentally responsible solutions to our clients.



OUR People

From humble beginnings in 2009, I-CAT has grown into a dynamic organisation employing more than 120 people. We believe that our greatest asset, is our people.

Our multidisciplinary team includes engineers, environmental specialists, road builders, project managers, financial professionals, marketing executives and skilled technicians. Together, their diverse expertise, experience and practical knowledge enable us to develop innovative, effective solutions tailored to our clients' needs.

We believe that investing in our people drives sustainable growth. Their commitment, expertise and passion are the foundation of I-CAT's success and the value we deliver to our clients.

LEADERSHIP & Management

I-CAT is guided by a six-member Executive Board, bringing together extensive experience and expertise across the key areas of the business. Collectively, the Board provides strategic direction, sound governance and industry insight, while ensuring that I-CAT remains focused on sustainable growth, innovation and long-term value creation. Each director contributes specialised knowledge within their respective portfolio, supported by a shared commitment to the company's vision, its people, its clients and the markets in which it operates.

The board's combined experience provides I-CAT with a balanced leadership structure encompassing operational management, business development, financial management, international expansion, marketing, corporate compliance and legal governance.



Winston D Warries
Managing



James J van Reenen
New Business
Development



Ndivhuho 'Sidis' Sidimela
Finance



Anton D van der Merwe
International
Business Development



Lourens J van Rensburg
Marketing



Johannes 'Joe' Phamodi
Compliance & Legal

OWNERSHIP & B-BBEE

I-CAT has a four-shareholder ownership structure with majority Black ownership, reflecting the company's commitment to inclusive growth, transformation and broad-based economic participation. The ownership structure supports I-CAT's long-term business objectives while promoting meaningful participation within the South African economy. I-CAT currently holds a B-BBEE Certified Level 3 rating, demonstrating its continued commitment to empowerment, responsible business practices and sustainable transformation.



OUR Products & Services

I-CAT delivers advanced products, specialised services and innovative solutions across the mining, industrial, engineering, agricultural and forestry sectors. Our solutions include:

DUST Solutions

I-CAT provides innovative, environmentally friendly solutions for dust suppression, road stabilization, and wastewater evaporation. Our systems reduce water usage, lower vehicle running costs and improve road conditions.

- Primary Haulage Roads
- In-Plant Low-Pressure Misting Systems
- Secondary Haulage Roads
- Water Evaporation Systems
- Tailings Dams



FIRE Solutions

I-CAT provides certified fire suppression solutions engineered for reliability, safety and performance across the industrial, mining and commercial sectors.

- Mining
- Oil & Refinery
- Industrial
- Commercial
- Manufacturing
- Agricultural
- Aerospace
- Telecommunication
- Military
- Power Distribution
- Solar Installations
- Yellow Equipment



PLANTING Solutions

I-CAT develops and manufactures a wide range of innovative, cost-effective planting additives and solutions for the agricultural, horticultural, and forestry industries.

- Agriculture
- Nurseries
- Horticulture
- Forestry
- Landscaping



ADVANCED ROADS

Management System

Good haul roads lower operating costs, boost productivity, and improve site safety.

I-CAT offers tailor-made dust suppression products and technologies for the mining and road construction companies. I-CAT the OEM (Original Equipment Manufacturer) produces products in sustainability, while raw materials are sourced from reputable suppliers. I-CAT always considers the impact of its products on the environment.



Why Good Roads Matter in Mining

- Increase in production cycles. (Faster Cycle Times) Allow trucks to travel safely at higher average speeds, increasing total tonnage moved per hour.
- Lower fuel and energy consumption. Smooth, well-maintained roads decrease rolling resistance, which cuts diesel and energy consumption for heavy haul trucks.
- Extended equipment life. High-quality surfaces reduce severe stress and vibrations on critical truck components like frames, suspensions, and drivetrains.
- Better tyre and rim longevity. Smooth paths prevent premature tyre wear, punctures, and blowouts, lowering the need for frequent replacements.
- Enhanced Safety. Less dust means a healthier working environment for operators and communities.
- Improved dust and water control. Treated surfaces require less frequent watering for dust suppression, saving water and improving visibility for drivers.
- Saving on maintenance. Smooth surfaces cut down severe vehicle vibrations and shocks, lowering stress on the drivetrain, frame, steering components, and suspensions systems. Reduced carbon footprint. Efficient vehicle operation and lower fuel burn directly scale down total greenhouse gas emissions on site.
- Decreased rolling resistance. Decreasing rolling resistance in mining operations, resulting in lower fuel costs, faster haul speeds, extended equipment lifespan, and reduced carbon emissions.

Applications

- Permanent Haulage Roads
- Semi-permanent Haulage Roads
- Secondary & Pit Haulage Roads
- Material Handling Plants
- Tailings Facilities
- Stockpiles and Overburden



INCREASE
PRODUCTION



LOWER FUEL & ENERGY
CONSUMPTION



EXTEND EQUIPMENT
LIFE



BETTER TYRE &
RIM LONGEVITY



ENHANCED
SAFETY



IMPROVED DUST &
WATER CONTROL



SAVING ON
MAINTENANCE



REDUCE CARBON
FOOTPRINT



DECREASED ROLLING
RESISTANCE

DUST Solutions

I-CAT Dust Solutions provides tailored dust-suppression technologies for the mining and construction industries. We develop, manufacture and implement effective dust-mitigation solutions designed to control harmful emissions across a range of environments, including haul roads, in-plant areas, and both active and dormant tailings facilities. Our solutions are engineered to address site-specific conditions, improve environmental performance and support safer, more sustainable operations.

RDC 20™ ROAD DUST CONTROL

RDC 20 is a sustainable and advanced blend of emulsified copolymers and ionic modifiers, specifically developed for use on secondary haul roads and pit roads.

GreenBit™

GreenBit is an SS60 emulsified bitumen-based product specifically developed for primary haul roads, offering both stabilizing effects and surface sealing performance.

SS60

Anionic Bitumen Emulsion

I-CAT operates its own emulsification facility, producing SS60, a versatile, low-viscosity anionic bitumen emulsion widely used in road construction and dust suppression.



BIOBASE HAULAGE ROAD DUST PALLIATIVE

BioBASE is a cutting-edge, biologically derived soil stabilization solution developed to control dust while enhancing the strength, density, and durability of gravel roads.

TDS2000 TAILINGS DAMS SOLUTIONS

TDS2000 is a specialized formulation for the effective suppression of harmful dust emissions on tailings facilities. It is developed for application on tailings dams and exposed soil areas.

Misting SYSTEMS

I-CAT provides customized dust suppression solutions, engineered to control fugitive dust emissions at transfer points, crusher plants, and material handling operations.

FIRE Solutions

I-CAT's Fire Division provides innovative, certified fire suppression solutions engineered for reliability, safety, and performance across industrial, mining, and commercial sectors. Our systems ensure rapid fire detection, efficient extinguishing, and minimal downtime, protecting valuable assets and creating safer working environments.

Designed to comply with NFPA 750, ISO 9001:2015, and SAQCC Fire standards, our range of manual and automatic fire suppression systems are trusted across South Africa and beyond. We offer a complete dust management solution to our clients which includes:

- Mining
- Industrial
- Manufacturing
- Aerospace
- Military
- Oil & Refinery
- Commercial
- Agricultural
- Telecommunication
- Power Distribution
- Yellow Equipment
- Solar & Wind Farms

We offer a complete fire management solution to our clients which includes:



CONVEYOR SUPPRESSION

Critical Conveyor Protection

I-CAT's advanced conveyor belt system is designed for various fire scenarios on conveyors. The design considers stationary localised fires, moving belt fires, smoke generation as well as belt burn-through and breakage.



TRANSFORMER SUPPRESSION

Critical Equipment Protection

I-CAT's systems incorporate AQUA COLLISION® technology to create a fine atomised mist, charged with kinetic energy to penetrate the heat radiation caused by fire, it leads to gradual cooling without causing thermal shock.



LOCALISED SUPPRESSION

Critical Equipment Protection

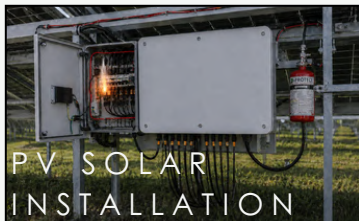
The I-CAT's Localised Suppression System (LSS) was designed to protect your valuable production and industry equipment such as transformers, generators, hydraulic power packs, conveyor belts (high risk areas like tail, head etc).



VEHICLE SUPPRESSION

Critical Vehicle Protection

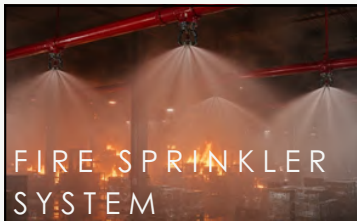
I-CAT's systems incorporate leading international misting technology. The system incorporates AQUA COLLISION® technology to create fine atomised mist, charged with kinetic energy to penetrate the heat radiation caused by fire.



PV SOLAR INSTALLATION

Critical Fire Risk Protection

I-CAT's system is engineered to address the most common fire risks, as identified by leading international authorities (NFPA, ISE, UL, IEA, SAPVIA). The I-CAT System is a holistic ecosystem designed to work in unison, isolate, detect, suppress and alert.



FIRE SPRINKLER SYSTEM

Advanced Sprinkler Solutions

I-CAT Fire Solutions is a trusted partner in Fire Safety Compliance to SANS, ASIB, NFPA, and FM Standards. I-CAT delivers advanced sprinkler solutions to protect your property, combining technology and compliance.



WATER & FOAM MIST EXTINGUISHERS

Class A, B, C and F Fires

Water Mist Technology extinguishes live electrical equipment with no risk of electrocution to firefighters under. Water Mist Technology causes no thermal shock to equipment. No risk of damage to sensitive and costly elements.



ROTO-FIRE-PAC®

Emergency Quick Response

The ROTO-FIRE-PAC® unit incorporates Water Mist Technology. This technology is currently at the forefront of fire suppression innovations internationally, extinguishing class A, B, C and F fires by utilising a foam agent.



BLAZE BUSTER®

Mobile Rapid Response

The BLAZE BUSTER® can be supplied as a skid unit, fitted onto a single or extra cab pickup or pre-installed on a customised trailer. The high-performance cannon has a discharge range of up to 45 metres with a retractable hose.



I-PROTECT®

Automatic Detection System

The I-PROTECT® low pressure automatic fire suppression system is a direct, quick response system. The system consists of linear heat detection tubing, pressurised with an extinguishing agent from a fire suppression.



I-FLOOD®

Total Flooding System

Safeguard your mission-critical environments with I-CAT's Total Flooding Clean Systems. Rapid, residue-free fire suppression ensure the safety of your data centres, server rooms, without compromising equipment or operations.

PLANTING Solutions

As a products supplier, I-CAT develops and manufactures a range of innovative, cost effective planting solutions for the Agricultural, Horticultural and Forestry industries. We conduct research and development for advanced planting solutions specifically targeting the rootzone environment during the planting phase to limit transplanting stress, promote optimal growth and increase plant survival in for optimal plant survival and growth for commercial growers, farmers and gardeners.

We offer a complete planting management solution to our clients which includes:

- Water Retainers
- Insecticides
- Fertilisers
- Hydrogels



DENDRO®

Enriched Absorbent Polymer

DENDRO™ acts as a soil conditioner and a water and nutrient reservoir.

It is a potassium (K)-based superabsorbent polymer containing essential nutrients.

Water and nutrients remain available within the root zone.



PLANT'NGO®

Fertilizer Tablet

Plant'nGo is suitable for use in forestry, horticulture and agriculture. It is used as a planting supplement for seedlings, young or mature trees. Its slow-release properties assist with the development of healthy roots and vigorous top growth.



EXL-GEL®

Water Retainer

EXLGEL acts as both a soil conditioner and fertilizer aid, supporting the long-term preservation of moisture for trees and various crops during transplanting and growth stages, while providing a steady release of water and micronutrients.



EXL-GRO®

Non-Ionic Surfactant

EXL-GRO® is a non-ionic, low-foam penetrating surfactant that provides improved coverage of spray solutions and enhances penetration.

EXL-GRO® is compatible with most formulations dosed through spray systems.



SUPPOSITREE®

Systemic Insecticide

A systemic tablet insecticide for the long-term control of Psyllids, Gall Wasps, Beetles, White Grub, Cutworm, Termites and Bark Beetles. Imidacloprid is designed to be effective by contact or ingestion. It is a systemic insecticide following application.



iFIRE®

Anionic Surfactant

I-CAT iFire is an innovative anionic surfactant that has been extensively researched and developed over several years.

iFire is a macromolecule that acts as an active surface agent to lower the surface tension of water and other liquids.

MANUFACTURING & Innovation

I-CAT is the Original Equipment Manufacturer (OEM) of its products and solutions, giving us direct control over design, manufacturing, quality and continuous improvement. Our production facility near Rayton, Gauteng, manufactures our own range of dust-suppression palliatives and incorporates a state-of-the-art emulsified bitumen mill, supported by more than 300 tonnes of storage capacity.

Our misting and fire-suppression systems are designed and engineered in-house by our experienced technical and engineering teams. Through ongoing research and development, product testing and continuous innovation, we continually refine our technologies and develop solutions that respond to the evolving requirements of the industries we serve.

From concept and engineering to manufacturing and deployment, I-CAT maintains control of the complete product lifecycle, enabling us to deliver reliable, fit-for-purpose solutions backed by local expertise and manufacturing capability.

OUR Footprint

I-CAT is a proudly South African company with deep African roots. Our experience and understanding of the continent's diverse operating environments give us a unique perspective when developing and delivering practical, reliable solutions for African industries.

I-CAT has grown its footprint to serve clients in more than 20 countries across Africa. Our African heritage, combined with local expertise, technical capability and an understanding of the challenges faced by industries across the continent, positions I-CAT to deliver solutions that are practical, adaptable and suited to African conditions.

OUR Clients

I-CAT serves a diverse client base across the mining, industrial and engineering sectors, including leading multinational mining groups such as Anglo American, Glencore and Rio Tinto. We also provide specialised fire suppression systems to major equipment manufacturers such as CAT and Bell, while partnering with leading consulting engineering firms involved in mine development and mining start-ups. This diverse client base reflects the breadth of our expertise and our ability to deliver fit-for-purpose solutions to the market.





'change that doesn't cost the earth'

ENVIRONMENTAL SOLUTIONS IN



FIRE



DUST



PLANTING



I-CAT IS A



ISO

9001:2015
MANAGEMENT
SYSTEM

COMPANY

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