

Fatalities reported in 2018

A large portfolio of companies across high-risk industries

At the end of 2018, CDC's capital was invested in 1,229 companies in 66 countries. Around 852,130 direct jobs were supported by businesses in our portfolio in Africa and South Asia. Given the large number of workers, activities in higher-risk sectors and the challenges of operating in emerging markets, unfortunately it is not unexpected that a number of CDC's fund managers and direct equity / debt investees have reported fatal accidents.

What CDC requires from its fund managers and investees to address serious incidents and fatalities

CDC requires its fund managers / investees to immediately report any incident involving portfolio companies or operations which results in the loss of life, a material effect on the environment or a material breach of the law, and how the incident was dealt with. CDC takes each notification very seriously and follows up with the relevant fund manager / investee to ensure that an effective root-cause analysis is completed and that corrective action plans are implemented to prevent recurrences.

Working with investees to reduce fatalities and achieve improvements over time

In many emerging markets – where occupational health and safety (OHS) norms and regulatory capacity are often weak – serious accidents present a significant challenge. Robust environmental and social due diligence is completed on companies receiving capital from CDC. Where gaps against international standards are found, an environmental and social action plan is used to close those gaps in a timely manner. CDC also works with its fund managers and investees to develop their OHS risk management capacity throughout the life of an investment, including through regular OHS training workshops, guidance materials, site visits and ad hoc support. We believe that strong OHS management systems are part of an employer's duty of care, improve job quality and add value to a business.

A targeted approach

CDC is increasingly focusing its mitigation efforts on companies with a higher risk of fatalities, such as transmission and distribution, logistics and telecoms towers. A proactive and concerted effort to increase OHS performance in these sectors is likely to have a disproportionate impact on serious incident rates. We strive for continual improvement in each investee over our holding period.

Summary

Context of fatality	Employees / contractors	Members of the public	TOTAL
Asset-related	0	9	9
Road-related	13	30	43
Work-related	25	0	25
Security-related	18	11	29
GRAND TOTAL	56	50	106

Asset-related

Fatalities as a result of contact with a portfolio company's assets, such as an electricity distribution line.

Fund / CDC business line	Portfolio company	Fatalities: Employees / contractors	Fatalities: Members of the public	Date of incident	Details
Actis Energy 3C Sub-Feeder LP and CDC direct equity*	Eneo	0	1	24 November 2018	At around 9am, a 25-year-old man was fatally injured when he came into contact with an energised medium-voltage conductor. The conductor was made accessible as a result of a falling defective poll, which fell as the victim was riding his motorcycle along the Mbouda-Bamenda highway in the North-West Region of Cameroon.
Actis Energy 3C Sub-Feeder LP and CDC direct equity*	Eneo	0	1	12 November 2018	At around 5.30am, a 27-year-old man was fatally injured when he came into contact with a downed medium-voltage conductor in Yaoundé. The conductor was brought low due to a defective wooden pole.
Actis Energy 3C Sub-Feeder LP and CDC direct equity*	Eneo	0	1	23 October 2018	On 23 October 2018, a 49-year-old man sustained burn injuries when he came into contact with an energised conductor brought low after it had ruptured. The victim was taken to Douala General Hospital, but passed away on 30 November whilst undergoing medical treatment.
Actis Energy 3C Sub-Feeder LP and CDC direct equity*	Eneo	0	1	16 October 2018	At around 17.00, a 24-year-old man was fatally injured when his head struck an low-voltage pole that had fallen and remained suspended, partially blocking the highway. The victim, a passenger on a motorbike, was projected from the vehicle, falling to the ground and sustaining impact injuries.
Actis Energy 3C Sub-Feeder LP and CDC direct equity*	Eneo	0	1	02 June 2018	At around 19.00, a 9m low-voltage pole fell and injured a 68-year-old man. He was immediately transported to the local district hospital and then - on the same evening - to the University Teaching Hospital in Yaoundé. However, the victim passed away on 5 June 2018 due to his injuries.
Actis Energy 3C Sub-Feeder LP and CDC direct equity*	Eneo	0	1	15 April 2018	At around 5.30am, a 19-year-old woman suffered electric shock injuries when the public transport vehicle which she was travelling in came into contact with an energised medium-voltage line that was crossing the carriageway. The medium-voltage conductor was dislodged from its insulator after four rotten poles fell. The victim was transported to a hospital in Sangmelima (South Region) and then transferred to Douala, where she passed away the following day.
Actis Energy 3C Sub-Feeder LP and CDC direct equity*	Eneo	0	1	14 April 2018	At about 9am, a 27-year-old woman sustained a fatal electric shock near Kombe, Cameroon, when she came into contact with a live medium-voltage conductor that was sagging within reach due to the failure of two wooden poles.

Actis Energy 3C Sub-Feeder LP and CDC direct equity*	Eneo	0	1	05 February 2018	A 12-year-old boy was electrocuted when he came into contact with a downed medium-voltage conductor in Douala. The medium-voltage conductor was accessible due to a fallen rotten pole.
CDC direct equity	Virunga Energy	0	1	25 July 2018	A 5-year-old child was found deceased on a Kimbulu network worksite in the village of Vwerera (near Lubero). The hole had been dug by Virunga for the construction of a medium-voltage line. Wooden boards covering the hole were reportedly stolen and the hole had filled with water. The child is believed to have drowned, while on his own at the time of the incident. The company paid for the funeral and provided compensation. A police investigation found that the company was not liable for the incident because the hole had been covered. An awareness campaign has been conducted locally.
TOTAL		0	9		

* A single incident reported by more than one investee. Double counting removed.

Road-related

Fatalities following road accidents.

Fund / CDC business line	Portfolio company	Fatalities: Employees / contractors	Fatalities: Members of the public	Date of incident	Details
Actis Energy 3C Sub-Feeder LP and CDC direct equity*	Eneo	1	0	10 December 2018	At around 19.30, an Eneo contractor was fatally injured when the truck he was driving came off the road and fell into a 9m-deep excavation, after the driver failed to follow a road maintenance sign. The contractor's truck was transporting wooden poles to Bafia (Centre Region) for network maintenance.
African Infrastructure Investment Fund 2, CDC direct debt, ECP Africa Fund III, Investec Africa Credit Opportunities Fund and Investec Africa Frontier Private Equity Fund II*	IHS Holding / IHS Nigeria/ INT Towers	0	1	05 November 2018	An IHS operational vehicle was involved in accident on the way to a site along Koko-Birnin Kebbi Road, in Kebbi State, Nigeria. The vehicle hit a pedestrian who subsequently passed away.
African Infrastructure Investment Fund 2, CDC direct debt, ECP Africa Fund III, Investec Africa Credit Opportunities Fund and Investec Africa Frontier Private Equity Fund II*	IHS Holding / IHS Nigeria/ INT Towers	0	1	20 July 2018	An IHS truck was involved in an accident that resulted in the death of a passenger in a third-party vehicle.
African Infrastructure Investment Fund 2, CDC direct debt, ECP Africa Fund III, Investec Africa Credit Opportunities Fund and Investec Africa Frontier Private Equity Fund II*	IHS Holding / IHS Nigeria/ INT Towers	0	3	09 April 2018	An IHS vehicle was involved in an accident in northern Nigeria with another vehicle which resulted in the deaths of three members of the public.
African Infrastructure Investment Fund 2, ECP Africa Fund III and Investec Africa Frontier Private Equity Fund II*	IHS Holding / IHS Cote d'Ivoire	1	0	24 February 2018	A lorry carrying diesel (an IHS contractor) was returning from a refuelling trip to eastern Cote d'Ivoire, when an accident occurred in Adzope with another vehicle. The other driver reportedly lost control of his vehicle and veered into the opposite lane. The subcontractor paid for funeral expenses and 12 months' salary to the victim's family. The contractor has increased their focus on fatigue management and speed awareness, while IHS Cote d'Ivoire now includes subcontractors in HSE training programmes.
African Infrastructure Investment Fund 2, ECP Africa Fund III and Investec Africa Frontier Private Equity Fund II*	IHS Holding / IHS Rwanda	0	1	16 January 2018	An IHS field engineer (a contractor) and a cyclist were involved in a road traffic accident. The cyclist reportedly drifted into the middle of the road while turning a corner. The victim hit the vehicle (travelling in the opposite direction) and landed by the side of the road. Traffic police concluded that the cyclist was at fault, but the IHS engineer was nonetheless fined (under Rwandan law a fine is mandatory if there is a road death). Corrective actions included scheduling defensive driver training for all employees and contractors.
African Infrastructure Investment Fund 2, CDC direct debt, ECP Africa Fund III, Investec Africa Credit Opportunities Fund and Investec Africa Frontier Private Equity Fund II*	IHS Holding / IHS Nigeria/ INT Towers	0	1	27 January 2017	A field quality engineer was involved in a collision along the Great North Road towards Mkushi which resulted in the death of an 11-year-old boy. The driver reportedly lost control of the vehicle and hit the boy (a pedestrian) on the opposite side of the road. The driver rushed the boy to hospital, but he was declared dead upon arrival. The driver was charged with dangerous driving and fined by the courts. IHS assisted with the funeral costs and an insurance company provided compensation.
African Infrastructure Investment Fund 2, CDC direct debt, ECP Africa Fund III, Investec Africa Credit Opportunities Fund and Investec Africa Frontier Private Equity Fund II*	IHS Holding / IHS Nigeria/ INT Towers	0	1	08 February 2016	An IHS vehicle was involved in a road traffic accident with a motorbike. The rider was knocked off their bike and then run over by a lorry. IHS paid burial expenses and compensation to the family.
Africa Renewable Energy Fund	ARPE (Achwa 2)	0	1	21 November 2018	At around 21.30, a transport van hired by a sub-contractor (Global Power Generation) to carry workers from the Achwa 2 hydropower plant in Uganda was involved in a serious traffic accident on a public road. The accident occurred 70km away from the project site on a public road. The van hit and fatally injured a pedestrian who had suddenly jumped into the road. Eye-witness accounts indicate that the driver was not at fault; fatigue, mechanical faults, road conditions, speed and alcohol were ruled out as contributing factors. The contractor paid funeral expenses.
Altra Private Equity Fund I LP	Servicios Generales Saturno SAC	0	4	08 April 2018	A convoy of four Saturno lorries was heading to El Brocal mine (Cerro de Pasco) through the central highway when an unlicensed taxi (which was reportedly speeding at 100 km/hr) hit the third lorry from the side while going around a bend. Company GPS data shows that the Saturno lorry involved in the incident was traveling at 30km/hr. Five people were in the unlicensed taxi; four of them passed away and one suffered minor injuries. Corrective actions include continued driver training and greater monitoring of lorry speeds via GPS tracking.

Aureos South East Asia Fund II	Swift Haulage Sdn Bhd	0	1	10 March 2018	At 5.18am a Swift vehicle was driving behind a third-party lorry on a gradual uphill bend. It was raining and the road was unlit. The driver in front of the Swift vehicle hit another lorry ahead of it and came to an abrupt stop. As a result, the Swift vehicle hit the lorry in its rear. The vehicle at the front of the pile-up did not stop. Unfortunately, the third-party driver in the middle vehicle was fatally injured. The Swift vehicle was in good condition, the driver was wearing a seat belt, GPS was active, the driver had attended numerous training sessions on safe driving, the driver had sufficient rest and was not under the influence of drugs or alcohol.
Aureos South East Asia Fund II	Swift Haulage Sdn Bhd	0	1	24 February 2018	At around 21.20, during a routine haulage exercise, a driver was at a junction and heard a noise at the back of the trailer. He got down to inspect the vehicle and discovered a fatally injured motorcyclist. Tests showed that the driver was not intoxicated. The lorry was only a month old, although conditions were wet. The motorcyclist is believed to have lost control of his vehicle.
Catalyst Fund II	Britania Foods Limited	1	0	11 December 2018	At around 4am, a company vehicle hit the back of a lorry. An employee fractured both of his legs and pelvis. Despite receiving surgical treatment, the victim passed away the next day. The root causes were identified as a failure to follow procedures (deliveries started too late in the day), unauthorised night-time driving, poor weather conditions, suspected tailgating at speed and probable fatigue. Corrective actions were identified as increased controls and procedures, and defensive driver training.
CDC direct equity	Feronia Inc	0	2	29 January 2018	At approximately 13.30, a Mitsubishi pick-up truck owned and operated by Feronia veered off a dirt road and collided with a small group of pedestrians. Two people died at the scene. The driver subsequently fled. A crowd, which had gathered at the scene, grew disorderly and attacked the police. Three people subsequently died in the unrest (see security section below). The company arranged and paid for the funerals of all of the deceased. Subsequent examination of the vehicle by independent third parties found that the vehicle had suffered a mechanical failure which is the likely cause of the accident.
CDC direct equity	Grindrod Limited	1	0	25 February 2018	An employee of Grindrod Logistics Africa was fatally injured by a lorry in a company car park. The victim had been taking documents out to the vehicle. While the victim was returning to the office, the driver pulled off and caught the victim between the two rear left wheels, killing him instantly.
CDC direct equity	Grindrod Limited	1	0	02 June 2017	A driver of a fuel tanker was killed in an explosion that destroyed three vehicles. The vehicle was in good condition but reportedly stopped at an inappropriate location.
CDC direct equity	Jumia Group	1	0	08 September 2018	A delivery associate directly employed by Jumia was killed in a collision with a lorry.
CDC direct equity	Jumia Group	1	0	01 September 2018	A delivery associate employed by a contractor to Jumia was killed in a collision with a lorry.
CDC direct equity	Jumia Group	1	0	19 November 2017	A delivery associate employed by a contractor to Jumia was killed in a collision with a mini bus.
CDC direct equity	KELFOODS (Kamponji Enterprises Limited)	1	0	04 January 2018	An employee was delivering eggs in a pick-up vehicle to retail shops. Another employee, who was sat in the back of the vehicle, fell and sustained fatal head injuries. Speed was considered to be a key factor. The driver was convicted of reckless driving. The company has paid for all funeral expenses and assisted the family to claim under the company's group personnel accident policy, which will award the deceased's family 42 months worth of pay as compensation.
CDC direct equity	KELFOODS (Kamponji Enterprises Limited)	0	1	13 December 2017	An employee driving a company vehicle was involved in an accident with two cyclists. The employee reportedly lost control of the vehicle, due to rain and excess speed, and collided with the two victims. One cyclist was killed and the other injured. The driver was convicted of reckless driving. The company paid for funeral and medical expenses. A third-party instructor was brought in to assess the driving skills of employees.
CDC direct equity	Miro Forestry	0	1	12 May 2018	At approximately 6.30am, a Miro lorry carrying workers was involved in a collision with a motorbike, leading to the death of the 63-year-old pillion passenger. The Miro vehicle had slowed down due to a pothole in the road. The motorbike was joining the same road from a side street at high speed, reportedly without looking.
CDC direct equity	Veritas Finance Private Limited	1	0	07 March 2018	The victim was returning from visiting a customer by motorbike with a colleague and collided with another bike. The victim is not believed to have been responsible for the collision. The company has provided compensation to the victim's family. The company's road safety programme has also been strengthened.
Ethos Mezzanine Partners III	Chibuku Products Ltd Malawi	0	1	29 November 2018	A company vehicle was overtaking a cyclist and moved back into its lane too soon, killing the cyclist. The root cause of the accident was identified as driver error (failing to use mirrors properly) and weather conditions (rain). Tests showed the vehicle to be roadworthy and the vehicle was going less than half the speed limit at the time of the incident. Corrective actions included additional training with all drivers, a review of route risk assessments (because the normal road was closed) and a disciplinary hearing.
Ethos Mezzanine Partners III	Chibuku Products Ltd Malawi	0	1	24 September 2018	A five-year-old child climbed onto the back of a logistics lorry (pulling an effluent tanker) without the driver's knowledge. The lorry was exiting a sewage disposal area in Kauma en route to the Lilongwe Brewery. The child fell and hit his head. The driver of the lorry was alerted by the vehicle behind him. The lorry driver took the child to a health centre, where he was pronounced dead on arrival. The driver then reported the incident at a police station.
Ethos Private Equity Fund V LP	Sanitech (Waco International Holdings (Pty) Ltd)	0	1	03 May 2018	A Sanitech vehicle was working in an informal settlement in Stellenbosch, when it reversed over an unsupervised 18-month-old child; the child sustained fatal injuries and passed away. The incident was immediately reported to the police and Sanitech Regional Director. An internal investigation was undertaken which identified Sanitech standard operating procedures (SOPs) were not followed. The driver was dismissed and all drivers and personnel were retrained on SOPs and safe work instructions.

GEF Africa-LC Sustainable Forestry Fund LP	Global Woods	0	1	01 September 2018	A member of the Global Woods management team was involved in a road traffic accident with a pedestrian. The driver was dazzled by the lights of an oncoming lorry and was unable to stop in time as the victim crossed the road. The victim's widow was provided compensation and funeral costs; and chose not to pursue legal action. Global Woods has a number of road safety policies and training programmes in place.
Helios Investors II and Investec Africa Credit Opportunities Fund*	Helios Towers	0	1	29 September 2018	A contractor vehicle en route to refuel a site was involved in a road traffic accident with a motorbike. The motorbike rider was killed in the incident.
Helios Investors II and Investec Africa Credit Opportunities Fund*	Helios Towers	2	0	08 March 2018	Two field technicians died following a head-on collision with a lorry.
Helios Investors II	Vivo Energy	0	2	02 August 2017	The brakes failed on a parked tanker and the vehicle killed two children.
Investec Africa Frontier Private Equity Fund II	San Jose & Lopez (SJL)	0	2	22 March 2018	An SJL lorry collided with a car that had broken down on the motorway. Both passengers in the vehicle were killed. A court ruling on 5 July 2018 found that the driver was free of any responsibility.
Myanmar Opportunities Fund II	MC Easy Microfinance	1	1	28 June 2018	One of MC Easy Microfinance's credit officers was injured and another killed in a motorbike accident. The driver of a third-party motorbike also died. The third-party motorbike came onto the main road from a side exit at speed and hit the credit officers. Eye-witnesses and the police report concluded that the third-party victim was at fault. MC Easy Microfinance's staff were travelling at a normal speed and wearing helmets. The family of the deceased credit officer and injured victim have received compensation through the company's accident at work insurance. MC Easy Microfinance also covered medical expenses and contributed to the funeral. Corrective actions include re-enforcing helmet-wearing rules, providing training on defensive driving and considering emergency response training.
Takura II	Cailogistics	0	1	03 February 2018	Whilst delivering bread at around 8.20am, a Cailogistics lorry was overtaking a motorcyclist on a dirt road and hit the biker in the process. The victim came off his bike and was knocked unconscious. A passer-by and the driver rushed the victim to the closest clinic, but he passed away shortly after arriving. Representatives of Cailogistics' management attended the funeral and the company provided the family with monetary support for the funeral and related expenses. In order to continually improve on safety standards, Cailogistics has ongoing training and driver assessments to ensure that drivers do not take unnecessary risks while on duty. This case was used as a lesson for drivers, who have been advised to sound their horns when they suspect another road user is not aware of their vehicle's presence.

TOTAL 13 30

* A single incident reported by more than one investee. Double counting removed.

Work-related

Fatalities during tasks directly related to work or at the site of the company.

Fund / CDC business line	Portfolio company	Fatalities: Employees / contractors	Fatalities: Members of the public	Date of incident	Details
Actis Energy 3C Sub-Feeder LP and CDC direct equity*	Eneo	1	0	06 October 2018	At around 15.00, a contractor was fatally electrocuted during line maintenance in Sangmelima, South Region.
Actis Energy 3C Sub-Feeder LP and CDC direct equity*	Eneo	1	0	02 August 2018	At around 11am, a 32-year-old contractor was fatally electrocuted after coming into contact with the loose ends of energised low-voltage conductors during transformer replacement operations.
Actis Energy 3C Sub-Feeder LP and CDC direct equity*	Eneo	1	0	29 March 2018	At 16.10, a contractor technician was fatally injured while climbing a mixed pole (holding both low-voltage and medium-voltage lines) in an attempt to connect low-voltage customers.
African Development Partners II	Eaton Towers	1	0	29 September 2018	A contractor standing under a tree (around 10m from the base of a tower) was killed by a falling metal object. The object was being hoisted into position at a height of around 20m when the rope snapped. Unfortunately a first aid kit was not available and the nearest hospital was 80km away. An investigation found that Eaton Towers' contractor had sub-contracted work to a firm that had weak health and safety systems. Compensation and funeral costs were paid by Eaton Towers. Correct actions included: stopping work on site during the investigation, ceasing engagements with the contractor responsible in Uganda until improvements were made and providing additional training.
African Development Partners II	Général Emballage	1	0	05 February 2018	The incident took place at Général Emballage's Setif site when the site's waste paper compactor experienced a blockage at approximately 3am. An employee and his supervisor climbed onto the machine in an attempt to fix it. Reportedly, the machine had not been locked off while the employees carried out the work and once the blockage was cleared the machine began running as normal. During this time, both men had been standing on a section of the machine that did not support their combined weight and failed, causing both employees to fall into the machine. One of the employees managed to climb out, while the other was unfortunately killed.
African Infrastructure Investment Fund 2, CDC direct debt, ECP Africa Fund III, Investec Africa Credit Opportunities Fund and Investec Africa Frontier Private Equity Fund II*	IHS Holding / IHS Nigeria/ INT Towers	1	0	08 December 2018	Two contractors were working on a new IHS site simultaneously: MEC Projects was carrying out civil works, while Huawei was installing a generator and diesel tank. At about 16.00, the tank installation was completed. Diesel was then pumped into the tank. The Huawei power installer then asked the welder to weld the top of the tank to install a diesel level sensor - an activity of which IHS was not aware of initially and had not authorised the welder to undertake. While the welder was welding, there was a sudden explosion resulting from welding sparks and diesel fumes. The welder jumped off the tank and was killed in the process.
African Infrastructure Investment Fund 2, CDC direct debt, ECP Africa Fund III, Investec Africa Credit Opportunities Fund and Investec Africa Frontier Private Equity Fund II*	IHS Holding / IHS Zambia	1	0	29 October 2018	A subcontractor was hoisting a frame on a newly constructed tower at a new site. While doing so, the hoisting rope snapped and fell down, fatally wounding the individual.
African Infrastructure Investment Fund 2, CDC direct debt, ECP Africa Fund III, Investec Africa Credit Opportunities Fund and Investec Africa Frontier Private Equity Fund II*	IHS Holding / IHS Nigeria/ INT Towers	1	0	25 September 2018	A contract carpenter working at the Enugu regional office was electrocuted to death. The victim was working in heavy rain and was therefore asked to stop and unplug his equipment. Unfortunately, the equipment appears to have malfunctioned and electrocuted him. IHS worked with the contractor's family to provide support.
African Infrastructure Investment Fund 2, CDC direct debt, ECP Africa Fund III, Investec Africa Credit Opportunities Fund and Investec Africa Frontier Private Equity Fund II*	IHS Holding / IHS Nigeria/ INT Towers	1	0	15 September 2018	A security guard was found dead in Ebonyi State, Nigeria, following a night shift. The victim appears to have been electrocuted by an extension plug while charging his phone. The family of the deceased objected to an autopsy or a police investigation. Security guards were instructed not to use electricity from site generators.
African Infrastructure Investment Fund 2, CDC direct debt, ECP Africa Fund III, Investec Africa Credit Opportunities Fund and Investec Africa Frontier Private Equity Fund II*	IHS Holding / IHS Nigeria/ INT Towers	2	0	22 May 2016	A site maintenance contractor and a security guard were electrocuted to death on a site in Edo State, Nigeria. The contractor was attempting to re-connect the site back to the public power supply, when both of the victim's were electrocuted. Following the incident, engineers have been advised not to assign work to security guards. Burial expenses and compensation were paid to the respective families.
African Infrastructure Investment Fund 3	DSM Corridor Group (DCG)	1	0	29 December 2018	The incident occurred at about 15.40 at the Malawi Cargo Centres Limited (MCCL) yard, which is owned by Malawian government. An MCCL casual worker (not a DCG employee) was hit by one of DCG's reach stackers, a vehicle that stacks shipping containers. Following an additional risk assessment, a number of mitigation measures were put in place.

Africa Infrastructure Investment Fund 3	Albatros Energy Mali	1	0	04 September 2018	A contractor was working on site adjacent to the Albatros power station when a truck slid off a jack, which was not properly secured. The truck then rolled over his chest. The mechanic was quickly removed from under the truck and taken to the hospital in Kayes. After being examined, he was discharged from hospital the same day, but returned the next day as he was not feeling well. The hospital sent the victim to another hospital in Bamako for further evaluation. Sadly, he passed away on Friday 7 September at the Bamako hospital.
Catalyst Fund I	Yes Brands	1	0	12 January 2018	The victim was attempting to repair a faulty machine in the packing area at Phase III (Watto). The employee was underneath the machine when the sensor on the gate either malfunctioned or was bypassed causing the robot arm to become energised, causing fatal head injuries. The victim was rushed to Alemgena Specialized Clinic, where he was pronounced dead. Corrective actions were identified as reviewing the E&S management system (especially safety standards) and re-training maintenance staff.
CDC direct debt	Gulpur Hydro (Mira Power Limited)	2	0	30 June 2018	At around 17.50, two carpenters were working on a platform, which collapsed. The resulting 30m fall led to both workers being seriously injured. They both died en route to hospital. A number of root causes were identified, including: a locking pin not being installed, no written technical procedure for installing the steel formwork, unauthorised workers performing rigging duties and an independent lifeline was not installed for harnesses. Several corrective actions were identified, including training, installing life lines / safety nets and hiring trained carpenters / riggers.
DI Frontier Market Energy & Carbon Fund	Rwaza Hydropower Limited	1	0	07 January 2018	The victim worked for Vizor International Ltd, the EPC contractor, and was involved in an electrical accident. The victim was alone for a short period and appears to have connected a light to a power supply. Frontier's ESG Manager visited the site two days after the incident to conduct an investigation and quickly implement corrective actions.
Ethos Private Equity Fund V LP	Sanitech (Waco International Holdings (Pty) Ltd)	1	0	20 June 2017	An employee was cleaning portable toilets in an informal settlement when the trailer of a third-party lorry (that had separated from the vehicle) struck the employee, who was around 2m from the road. The root causes were identified as the tow hitch shearing off and the trailer not being equipped with a safety chain. The vehicle was also reportedly speeding.
GEF Africa-LC Sustainable Forestry Fund LP	Compagnie de Bois du Gabon (CBG)	1	0	24 April 2018	An employee of CPGB (a veneer factory managed by CBG) was run over by a Caterpillar wheel loader. The accident occurred at approximately 9.40am. The loader was moving several 3.25m log sections from the mill and stacking them in the yard. The driver has been employed as a machine operator at CPBG since 2011. He had received training in February 2018 on the operation of the Caterpillar, which was a new machine. The victim had been helping to stabilise a stack of logs. As the vehicle reversed, it hit and crushed the victim. At the fund manager's request, the company retained an outside expert to assist with the accident investigation
GEF Africa-LC Sustainable Forestry Fund LP	Compagnie de Bois du Gabon (CBG)	1	0	15 February 2018	A worker was struck by a dead branch. The victim's co-worker found him soon after the incident (about 30m away from the base of the dead tree). The victim's colleagues pulled him from underneath the branch, but unfortunately he passed away soon after.
GEF Africa-LC Sustainable Forestry Fund LP	MTO Forestry	1	0	05 February 2018	At around 13.00, the victim was overtaken by a forest fire. The victim was a crew leader for the government-run Working on Fire (WOF) programme. The victim was an experienced and well-trained firefighter. The victim's vehicle was stopped in its tracks by the fire. Despite warnings from an MTO foreman and other firefighters, the victim refused to leave his vehicle and evacuate on foot. The root causes were identified by the WOF's independent fire expert as including: the victim's poor judgement in not following others to safety, harvesting debris left at the edge of the road (which added to the excessive heat) and the Winelands Fire Protection Association's decision not to respond more quickly to MTO's request for aerial support.
India Agribusiness Fund II Limited	Global Gourmet Private Limited	4	0	02 December 2018	Four subcontracted workers entered the buffer tank of an effluent treatment plant (ETP) for cleaning and fainted. According to the company's investigation report and an external EHS consultant, the supervisor had instructed the four contract workers to reach the ETP plant and wait for him for further instructions. However, the supervisor was called away to deal with a water leak in an administration block. After waiting for some time, two workers decided to enter the tank on their own and did not wear appropriate personal protective equipment (PPE), which was available on site. As there was no response from the two workers who had entered the tank, a third worker entered the tank to try and save his colleagues. After a few minutes, a fourth worker also entered the tank. Meanwhile, the supervisor was informed about the situation and rushed to the scene. He advised one of the employees to put on the appropriate PPE and enter the tank. The four unconscious workers were then pulled from the tank. They were rushed to a nearby hospital, but subsequently declared dead. Failure by the workers to (a) wear appropriate PPE and (b) follow instructions from the supervisor were identified as root causes of the incident. All four workers had received training and the PPE was available and functioning. Immediately after the accident, the company reviewed its health and safety procedures and put in place physical safeguards to prevent unauthorised access to the ETP tanks. More recently, the company upgraded its ETP system which eliminates the need for workers to enter tanks for cleaning.
TOTAL		25	0		

* A single incident reported by more than one investee. Double counting removed.

Security-related

Fatalities occurring due to security incidents (directly or indirectly) associated with company operations.

Fund / CDC business line	Portfolio company	Fatalities: Employees / contractors	Fatalities: Members of the public	Date of incident	Details
8 Miles	Biyinzika Poultry International Limited (BPIL)	0	3	15 December 2018	At around 2am, a group of more than 10 thieves broke into Kigunga Valley Farm with the aim of stealing broiler chickens. A private security guard saw the thieves loading chickens into sacks. The thieves then spotted the security guard and began firing shots. The guard then called for back-up. Three thieves subsequently died when security staff discharged their weapons in the belief that their lives were at risk. Investigations by civil authorities concluded that there was no illegal activity by the guards or company. A thorough review of security and community management has been undertaken.
8 Miles	Biyinzika Poultry International Limited (BPIL)	1	0	21 July 2018	At around 22.15 in Mukono District, four contract security guards were involved in an altercation with a company (employee) security guard. A machete was used and a weapon discharged, leading to the death of the employee. All four security guards were subsequently arrested and remain incarcerated.
African Lion 3 Ltd	Hummingbird Resources	0	4	29 May 2018	Four people were killed in a clash between the Malian National Guard and people protesting against the planned expansion of Hummingbird's operations. The company plans to expand within its permit area and had an agreement in place with community leaders, local and national government. African Lion 3 had a 0.4 percent listed stake in Hummingbird at the time of the incident.
African Infrastructure Investment Fund 2, CDC direct debt, ECP Africa Fund III, Investec Africa Credit Opportunities Fund and Investec Africa Frontier Private Equity Fund II*	IHS Holding / IHS Nigeria/ INT Towers	1	0	11 November 2018	A site security guard was killed in a village in Kaduna State, Nigeria. The site is isolated and in a high-risk area, notorious for armed robbery. The attackers gained access by cutting the palisade fence. While the attack was going on and the site guard was shouting for help, a guard at an adjacent site ran to a police outpost some distance away. By the time the police had arrived, the guard was lying lifeless with machete cuts on his head.
African Infrastructure Investment Fund 2, CDC direct debt, ECP Africa Fund III, Investec Africa Credit Opportunities Fund and Investec Africa Frontier Private Equity Fund II*	IHS Holding / IHS Nigeria/ INT Towers	1	0	30 September 2018	The incident occurred in Anambra State, Nigeria. A security guard who worked for a subcontractor for one of IHS's site maintenance vendors was attacked and died on site. The company reported that the police were notified and all relevant assistance provided.
African Infrastructure Investment Fund 2, CDC direct debt, ECP Africa Fund III, Investec Africa Credit Opportunities Fund and Investec Africa Frontier Private Equity Fund II*	IHS Holding / IHS Nigeria/ INT Towers	1	0	23 September 2018	A security guard was murdered in Kano State, Nigeria. A gang of thieves broke the palisade fence to gain access to the site. IHS paid burial expenses and compensation to the family.
African Infrastructure Investment Fund 2, CDC direct debt, ECP Africa Fund III, Investec Africa Credit Opportunities Fund and Investec Africa Frontier Private Equity Fund II*	IHS Holding / IHS Nigeria/ INT Towers	1	0	17 July 2018	A security guard was murdered in Lagos State, Nigeria, during a night shift. The security guard spotted the armed robbers attempting to break into the site and immediately called for back-up. The victim also blew a whistle to draw attention to the incident while fleeing. Unfortunately, the robbers chased and killed the security guard before fleeing the scene. IHS paid burial expenses and compensation to the family.
African Infrastructure Investment Fund 2, ECP Africa Fund III and Investec Africa Frontier Private Equity Fund II*	IHS Holding / IHS Cameroon	1	0	03 June 2018	Two security guards working for an IHS security contractor on an IHS site were attacked by a group of unknown assailants early in the morning. One was killed and the second was seriously wounded. IHS is working to provide support to the deceased's family and to ensure that the wounded guard receives appropriate medical attention.
African Infrastructure Investment Fund 2, CDC direct debt, ECP Africa Fund III, Investec Africa Credit Opportunities Fund and Investec Africa Frontier Private Equity Fund II*	IHS Holding / IHS Nigeria/ INT Towers	1	0	02 June 2018	A security guard was murdered in Rivers State, Nigeria, during a night shift. The attackers scaled a fence before tying up and killing the victim.
African Infrastructure Investment Fund 2, CDC direct debt, ECP Africa Fund III, Investec Africa Credit Opportunities Fund and Investec Africa Frontier Private Equity Fund II*	IHS Holding / IHS Nigeria/ INT Towers	1	0	05 April 2018	A security guard was killed in Kwara State, Nigeria, after being hit by a stray bullet during an armed robbery on a bank. Six banks were reportedly robbed in the spree, leading to 33 deaths. IHS paid burial expenses and compensation to the family.
African Infrastructure Investment Fund 2, CDC direct debt, ECP Africa Fund III, Investec Africa Credit Opportunities Fund and Investec Africa Frontier Private Equity Fund II*	IHS Holding / IHS Nigeria/ INT Towers	1	0	11 November 2017	A security guard was murdered by a gang of thieves in Kebbi State, Nigeria. IHS paid burial expenses and compensation to the family.

African Infrastructure Investment Fund 2, CDC direct debt, ECP Africa Fund III, Investec Africa Credit Opportunities Fund and Investec Africa Frontier Private Equity Fund II*	IHS Holding / IHS Nigeria/ INT Towers	1	0	22 July 2017	A security guard was murdered in Abia State, Nigeria. IHS paid burial expenses and compensation to the family. The new guards were instructed not to confront thieves and call for support.
African Infrastructure Investment Fund 2, CDC direct debt, ECP Africa Fund III, Investec Africa Credit Opportunities Fund and Investec Africa Frontier Private Equity Fund II*	IHS Holding / IHS Nigeria/ INT Towers	1	0	21 July 2017	A security guard was murdered in Rivers State, Nigeria. IHS paid burial expenses and compensation to the family. The new guards were instructed not to confront thieves and call for support.
African Infrastructure Investment Fund 2, CDC direct debt, ECP Africa Fund III, Investec Africa Credit Opportunities Fund and Investec Africa Frontier Private Equity Fund II*	IHS Holding / IHS Nigeria/ INT Towers	1	0	08 July 2017	A security guard was murdered in Rivers State, Nigeria, during a night shift. IHS paid burial expenses and compensation to the family.
African Infrastructure Investment Fund 2, CDC direct debt, ECP Africa Fund III, Investec Africa Credit Opportunities Fund and Investec Africa Frontier Private Equity Fund II*	IHS Holding / IHS Nigeria/ INT Towers	1	0	09 March 2017	A security guard was murdered in Rivers State, Nigeria, during a night shift. The thieves destroyed the palisade fence before stealing 24 back-up batteries. IHS paid burial expenses and compensation to the family. Additional training was also provided to security guards.
African Infrastructure Investment Fund 2, CDC direct debt, ECP Africa Fund III, Investec Africa Credit Opportunities Fund and Investec Africa Frontier Private Equity Fund II*	IHS Holding / IHS Nigeria/ INT Towers	1	0	28 November 2016	A security guard was murdered in Ogun State, Nigeria, during a night shift. The security guard challenged armed robbers as they broke a palisade fence to steal batteries. The victim was killed by a blow to the head. IHS paid burial expenses and compensation to the family.
African Infrastructure Investment Fund 2, CDC direct debt, ECP Africa Fund III, Investec Africa Credit Opportunities Fund and Investec Africa Frontier Private Equity Fund II*	IHS Holding / IHS Nigeria/ INT Towers	1	0	05 October 2016	A security guard was murdered in Ebonyi State, Nigeria, during a night shift. Four armed men killed the victim, while a second security guard managed to escape and call the police. Following the attack, lighting was increased and additional security deployed.
African Infrastructure Investment Fund 2, CDC direct debt, ECP Africa Fund III, Investec Africa Credit Opportunities Fund and Investec Africa Frontier Private Equity Fund II*	IHS Holding / IHS Nigeria/ INT Towers	1	0	17 August 2016	A security guard was murdered in Ondo State, Nigeria, during a night shift. An unknown group of assailants broke a palisade fence to steal batteries. The security guard was killed during the attack. Additional guards were deployed to the site. IHS paid burial expenses and compensation to the family.
African Infrastructure Investment Fund 2, CDC direct debt, ECP Africa Fund III, Investec Africa Credit Opportunities Fund and Investec Africa Frontier Private Equity Fund II*	IHS Holding / IHS Nigeria/ INT Towers	1	0	30 April 2016	A security guard was murdered in Imo State, Nigeria, during a night shift. There was no sign of forced entry or theft from the tower. IHS covered the cost of funeral expenses and provided compensation to the family.
CDC direct equity	Feronia Inc	0	3	29 January 2018	Following the road accident noted above, the police attended the scene to investigate the accident and try to control what had become an angry mob. It is believed that threats were made towards the police by members of the public and that a police officer discharged his firearm into the air in an attempt to regain control. A young man (understood to be the brother of one of the vehicle accident victims) is then believed to have attacked a police officer with a machete. The young man was shot dead by the police officer at the scene and the police officer died of his injuries in hospital later. The following morning, a second police officer was found dead. The company's immediate response included offering assistance to the victims' families, providing medical support for those injured and negotiating with local community leaders to restore calm.
CDC direct equity	KELFOODS (Kamponji Enterprises Limited)	1	0	23 October 2018	At around midnight, a group of thieves broke into a site and tied up three night guards. The guards were beaten and asked to provide information about any cash on the site. Two guards managed to escape and alert the police. The third guard died from asphyxiation. Three of the assailants were arrested and charged. The company paid for all funeral expenses and assisted the family to claim under the company's group personnel accident policy, which will award the deceased's family 42 months worth of pay as compensation.
Helios Investors II and Investec Africa Credit Opportunities Fund*	Helios Towers	0	1	01 October 2018	Two alleged robbers entered a site in North Kivu province (a conflict-affected area of DR Congo) late at night. One of the alleged robbers climbed the tower to steal an aircraft warning light, while the other remained on the ground. Two security guards spotted the alleged robbers. The alleged robber on the ground fled. However, his accomplice on the tower descended and allegedly attacked a security guard with a machete. The alleged robber died in the resulting incident.

TOTAL	18	11
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* A single incident reported by more than one investee. Double counting removed.