Alliance 360 INSIGHTS

September 2026

THE FUTURE IS HERE

How AI and Robotics Are Reshaping the Way We Work

Innovation & Digital

From Traditional Inspections to Intelligent Operations

Innovation has always played an important role in helping Alliance evolve and meet the demands of a changing industry. As digital technologies continue to advance, we are accelerating our transformation journey with AI-powered inspections, autonomous drones, robotic dogs, and advanced analytics. These technologies are helping us streamline processes, strengthen decision-making, and unlock new ways of working. More importantly, they enable our teams to focus on higher-value activities while leveraging real-time data and insights to improve operational excellence.

Traditional inspections provide only periodic snapshots of site conditions. By integrating AI-enabled technologies, Alliance can continuously monitor operations, identify risks earlier, and deliver real-time insights that support faster decision-making and more proactive issue prevention.

AI Cameras: Continuous Monitoring

AI-enabled cameras monitor key operational areas and automatically identify potential safety, environmental, and operational concerns.

- PPE compliance issues
- Restricted area access
- Housekeeping hazards
- Blocked emergency exits
- Unsafe behaviours
- Environmental observations

Robotic Dogs: Safe and Consistent Inspections

Alliance's robotic dog autonomously inspects the plants, collecting real-time data while improving inspection consistency and reducing exposure to high-risk areas.

- Restricted area access
- Blocked fire exits
- Housekeeping issues
- Equipment abnormalities

Drones: Expanding Inspection Coverage

The drone provides an aerial view of site operations, enabling efficient inspection of hard-to-reach areas while improving coverage and supporting maintenance and operational planning.

- Rooftops
- Silos
- Stockpiles
- Elevated structures
- Site infrastructure

Safer, Smarter Operations with AI

- **Reduce employee risk** with drone and robotic inspections in hazardous areas.
- **Detect hazards early** through AI-powered image and data analysis.
- **Enable faster response** with real-time safety and compliance alerts.
- **Improve inspection consistency** through automated monitoring.
- **Boost operational efficiency** by reducing manual inspections.
- **Support better decisions** with reliable data and actionable insights.

Alliance 友盟

A joint venture company between and Heidelberg Materials

Building a Stronger Safety Culture Together

In 2026, Alliance further strengthened its commitment to Health, Safety and Environment (HSE) by engaging both employees and business partners through two milestone seminars. Alliance's Annual HSE Seminar, held in June under the theme "**Safety in Every Step**", reaffirmed that safety is a core value embedded in every aspect of the company's operations. To broaden this commitment throughout its value chain, Alliance convened its **first HSE Seminar for Contractors and Suppliers** in September, which brought together key business partners to promote a shared responsibility for health, safety, environmental protection, and business integrity.

Across both events, management emphasized that safety remains Alliance's top priority and highlighted the importance of collaboration in fostering a strong safety culture, creating safer workplaces and supporting sustainable business operations.

1. Alliance Annual HSE Seminar 2026: Safety in Every Step

Seminar Highlights

- Dynamic risk assessment in practice
- Leadership in safety and safe productivity
- Contractor project management and risk controls
- Smart safety systems and innovation
- Driving safety and accountability
- Environmental performance and social licence to operate
- Review of 2025 HSE performance and key learnings
- Launch of HSE Innovation Award 2026
- Recognising outstanding safety leaders and worksites

2. Strengthening HSE Partnerships : HSE Seminar for Contractors and Suppliers

Seminar Topics

- Contractor management and critical risk controls
- High-risk worksite activities and holiday works
- Driving safety and case sharing
- Barge and depot safety & environmental requirements
- Business integrity and ethics

Around 30 contractors and suppliers participated in the seminar, which featured practical sharing sessions on contractor management processes and key risk controls across various work activities. Participants also received **a newly launched Contractor HSE Booklet** outlining key health, safety and environmental requirements. The event strengthened collaboration across the supply chain and reinforced a shared HSE commitment.

Supporting Hung Shui Kiu/ Ha Tsuen New Development Area and MTR Hung Shui Kiu Station 1801

Alliance supported the Hung Shui Kiu / Ha Tsuen New Development Area (HSK/HT NDA) and MTRC's Hung Shui Kiu Station (Contract No. 1801) with a reliable supply of aggregate solutions. As a flagship development under Hong Kong's Northern Metropolis strategy, HSK/HT NDA will serve as a major modern services hub in the western New Territories.

Supplied

30,000

tonnes of rock products

During Q2 2026, Alliance supplied over 30,000 tonnes of rock products for critical site formation and backfilling works, including the backfilling of a significant karst cave beneath MTR Hung Shui Kiu Station.

Despite tight project timelines and complex logistics, our team successfully coordinated and delivered the required materials within a compressed timeframe, ensuring uninterrupted construction progress. This achievement underscores Alliance's capability to provide dependable, large-scale material solutions that support Hong Kong's strategic infrastructure development.

Driver HSE Hotline Strengthens Safety Communication

Alliance launched the Driver HSE Hotline to encourage drivers and logistics operators to report HSE concerns and improvement suggestions through hotline, email, and Teams channels.

The hotline covers issues related to workplace safety, driving safety, welfare facilities, environmental incidents, and other potential HSE risks. All reports are reviewed confidentially by independent management personnel, with follow-up actions taken where necessary.

The initiative has already generated valuable feedback, including concerns about road conditions near our Tsing Yi Concrete Hub, with improvement actions underway. By strengthening communication with frontline employees, Alliance continues to foster a proactive and inclusive safety culture.

Heat-Stroke Safety Promotion 2026

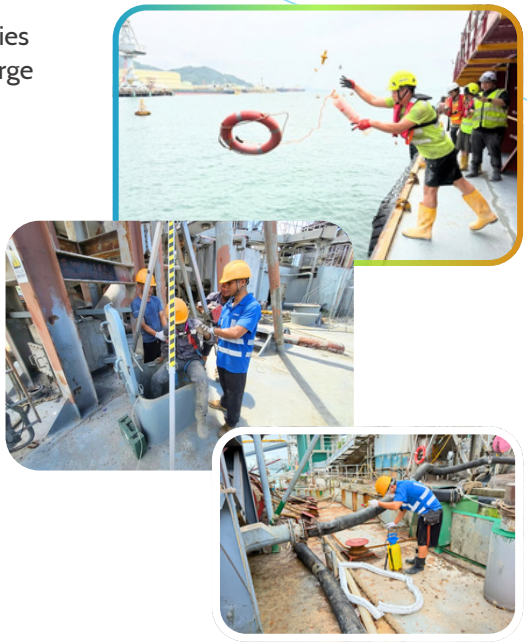
To protect operational staff and drivers during the summer months, Alliance launched its Heat-Stroke Safety Promotion 2026 in August, reinforcing awareness of heat-related risks and the importance of staying safe while working outdoors.

The campaign included safety memos, onsite posters and awareness materials, alongside safety briefings and direct engagement with drivers. Key messages focused on hydration, rest breaks, recognising signs of heat stress, and reporting symptoms promptly.

To support the initiative, cold drinks, cold packs and other safety materials were distributed to frontline workers. Special attention was given to driver activities involving prolonged heat exposure, such as vehicle inspections, unloading operations and waiting in marshalling areas.

Emergency Drills Strengthen Marine Safety Readiness

To enhance HSE awareness and emergency preparedness, Alliance launched a series of emergency drills on aggregates and cement barges in collaboration with two barge operators from April 2026.



Aggregates Barges - Fire and Man-overboard Incident Drills

- Crews were well briefed and communicated effectively before the drills
- AED equipment was deployed onboard to strengthen rescue preparedness
- AI tools were used to enhance HSE communication and engagement

Cement Barges - Cement Leakage Incident Drills

- Absorbent materials and emergency response kits were prepared and tested during the drills
- Training was provided to all operators before the exercise

The drills demonstrated strong teamwork, rapid response, and a deeper understanding of emergency procedures, reinforcing Alliance's commitment to safe and resilient marine operations.

Alliance Strengthens Fall Prevention with 3-Point Contact Campaign

To reduce risks of falls, slips, and trips among drivers, a series of 3-point contact safety promotion initiatives has been launched across operations.

Drivers are reminded to follow the 3-point contact rule when climbing or descending ladders, vehicles, or equipment, maintaining three points of contact at all times:

2 Feet + 1 Hand + **2 Hands + 1 Foot**

A Safety Alert was issued to all drivers, supported by safety posters and vehicle stickers promoting the 3-point contact rule to prevent falls from vehicle cabins. Safety conversations with truck and loader operators further reinforced dynamic risk assessment and safe work practices, particularly in response to changing site and vehicle conditions. The initiative aims to strengthen safe behaviours and reduce fall-related incidents across operations.

HSE Award Recognises Outstanding Logistics Partners

To promote a proactive safety culture, Alliance launched the **HSE Award Scheme for Aggregates and Cement Logistics Vendors** in May 2026. The programme recognises logistics partners for outstanding HSE performance, including hazard reporting, continuous improvement, and active participation in HSE initiatives.

May Award Winner

- Conducted dynamic risk assessments for every berthing operation
- Delivered confined space safety training to barge operators

June Award Winner

- Organised and participated in emergency drills on aggregates barges
- Completed certified first-aider training
- Developed HSE awareness posters to promote safety onboard

Alliance Recognised at HKCA Hong Kong Construction Environmental Awards 2025

Alliance has been honoured with two prestigious accolades at the HKCA Hong Kong Construction Environmental Awards 2025, reaffirming its long-standing commitment to sustainable construction and environmental excellence. The awards were presented at the Awards Presentation Ceremony in April 2026.

Presented in the milestone 20th anniversary year of the Environmental Awards, the **HKCA Environmental Excellence Grand Award** recognises construction companies that demonstrate outstanding environmental performance and sustained contributions to green building development in Hong Kong. **Alliance has been recognised under this award scheme more than 15 times, underscoring its consistent leadership in environmental stewardship.**

The Environmental Merit Award further acknowledges Alliance's strong compliance with environmental regulations, as well as its effective implementation of a sustainable management system aligned with international standards.

Awards

- 2025 HKCA Environmental Excellence Grand Award
- 2025 Environmental Merit Award

Alliance Joined the Hong Kong Green Building Council's Exclusive Policy Luncheon 2026

Alliance was pleased to participate in the Hong Kong Green Building Council's (HKGBC) Exclusive Policy Luncheon 2026, held in July. This year's luncheon focused on the Hong Kong Government's strategic planning, development, and implementation of the Northern Metropolis, a cornerstone initiative that will play a pivotal role in shaping the city's long-term growth and development.

Alliance welcomed the opportunity to engage with government representatives and industry peers from the construction and building sectors, exchanging views on emerging trends, opportunities, and challenges related to sustainable urban development. Alliance reaffirmed its commitment to advancing a greener and more resilient built environment.

Organized by the HKGBC, the annual luncheon brings together government officials and industry leaders to foster high-level dialogue and meaningful exchanges on key policy directions shaping Hong Kong's built environment. The event serves as a valuable platform for strengthening mutual understanding and promoting collaborative efforts toward a more sustainable future.

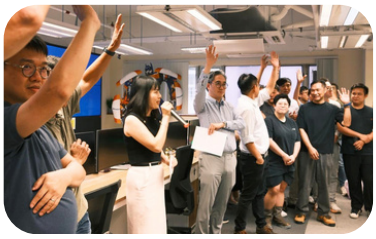
Event Day Video

Alliance Celebrates STW1 Plant's 10th Anniversary

In July 2026, more than 70 staff came together to celebrate the 10th anniversary of the STW1 Plant, marking an important milestone in the plant's journey.

The celebration brought together colleagues from across the business for an evening of appreciation and camaraderie, while recognising STW1's impressive achievements over the past decade, including producing over 6.6 million m^3 of concrete while maintaining an outstanding zero Lost Time Injury record. The management expressed sincere gratitude to all staff for their dedication, professionalism, teamwork and unwavering commitment to safety, which have made STW1 one of the cornerstones of Alliance's operations.

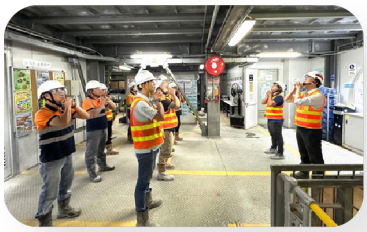
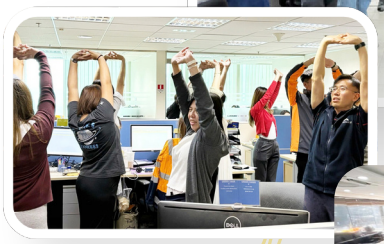
During the event, a video showcased STW1's remarkable 10-year journey, featuring colleagues from across the business sharing stories behind the plant's success. Staff enjoyed refreshments and a special cake-cutting ceremony, while reconnecting and celebrating a decade of achievements together.



Alliance's Green Office Promotion Encourages Healthy Habits Among Staff

Recently, Alliance staff took part in Green Office promotional activities organised by the Green Office Committee.

The staff joined simple stretching exercises during the event, reminding them to take regular breaks, relax, and avoid prolonged sitting. These activities aim to improve staff wellbeing and reduce occupational health issues such as back pain. The promotion was well received by staff and generated positive feedback.

The Alliance Green Office Campaign aims to enhance staff occupational health, mental health, environmental conservation and recycling practices in the workplace. The campaign will continue with periodic promotions, with the Green Office Committee visiting different departments each quarter to deliver interactive activities and raise awareness.

During the event, a variety of fresh fruit was distributed to colleagues to promote healthy eating. Following the promotion, a fruit rack has been placed in the pantry and will continue to provide fresh fruit to the head office staff every week.