



SAMWOH

**INNOVATE.
SUSTAINABLE.**





  **DANGER**
BLIND SPOT
KEEP CLEAR



“After over 40 years of construction excellence, Samwoh continues to be at the forefront of the industry with sustainable business development; pushing the boundaries with class-leading applied research and development, innovative technologies, and green solutions for our nation and the world”

INTRODUCTION

In 1975, Samwoh started its journey as a logistics company transporting construction materials, growing in tandem with the development of Singapore. By the mid-80s, the company began investing in asphalt production and services, expanding into civil and infrastructure construction.

The leap into the next millennium brought new challenges and opportunities. Spearheading research into building materials and recycling construction wastes unveiled unprecedented breakthroughs and technological innovations.

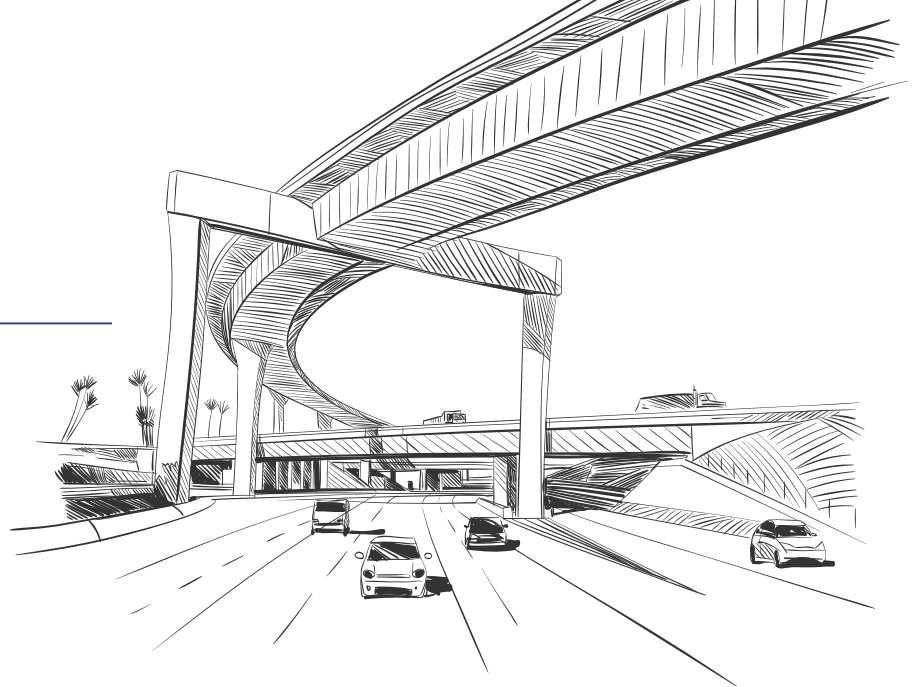
Today, Samwoh stands as a market leader with a distinct differentiation in Singapore’s construction sector. Unmatched in its category, Samwoh leads with its multi-disciplinary expertise and experienced professionals delivering vertically-integrated solutions that are innovative, sustainable, and productive.



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VISION 愿景

The Market Leader in creating sustainable values for all stakeholders.

可持续性价值观念的企业领航者。

MISSION 使命

We provide innovative solutions and services for the construction industry with passion and professionalism.

用专业与热忱的服务，为建筑行业提供可行性的创新方案。



VALUES 价值观

Sustainability 持续创新

We achieve sustainable growth through innovative value-added products and services.

我们不断开创新理念的产品与服务，实践可持续性业务的发展。

Accountability 责任义务

We discharge our duties with honesty, fairness and commitment.

秉着诚实，公平与承诺来履行我们所赋予的职责。

Motivation 勉励促进

We provide our people a balanced work-life and good career advancement.

我们确保员工拥有优良的工作环境与发展。

Workplace Safety 安全意识

We think and act safely in our daily work.

安全第一是我们每天执行任务的首要指标。

Ownership 归属拥有

We undertake our work with pride, passion and professionalism.

我们承诺以高度的专业精神，热忱与自豪来执行我们的职责。

Harmony 和睦共处

We respect each other and embrace harmony.

我们互相尊重，和谐共处，共勉之。



ADVANCED INFRASTRUCTURE ENGINEERING

CIVIL & INFRASTRUCTURE CONSTRUCTION

We are in the business of nation-building, by connecting Singapore with an impeccable infrastructure on which a strong economy thrives on.

As a top-tier A1 contractor with the capability to bid for civil engineering projects with no limit to the tender sums, we undertake diverse and complex projects in the construction of the large network of Singapore roads, expressways, flyovers, underpasses, airport runways, geotechnical works, and pipeline jacking which involves deep excavation.

Our significant achievements such as the Sentosa Gateway Tunnel, West Coast Highway Flyover and Upper Paya Lebar Underpass, rank us as a major and preferred contractor for many large-scale projects commissioned by our esteemed clients including the Changi Airport Group, Land Transport Authority, JTC Corporation, Public Utility Board, Housing & Development Board, PSA Singapore, and Defence Science & Technology Agency.

In addition to our achievements, the company is certified with OHSAS 18001 and ISO 14001 quality standards which are diligently upheld in every worksite and project.







AIRFIELD & ROAD MAINTENANCE

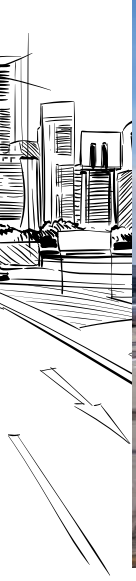
Proper maintenance demands more than just manual labour. It requires a combination of intricate analysis, well-tailored solutions and timely execution.

As a major maintenance contractor for airfield and road networks, Samwoh is equipped with a full suite of specialised machinery and staffed with a professional and dedicated crew tasked to respond and resolve emergencies within a very small window of opportunity.

At the core of our fast turnaround service is the expeditious mobilisation of our resources and the precision execution of our meticulous work plan bolstered by the utilisation of our technologically advanced equipment.

Our relentless pursuit of innovation sees us introducing cutting-edge technologies to increase our productivity, deepen our skillset, and ultimately raise service levels for our customers. With Singapore Changi Airport, we remain the first in the world to cut trapezoidal grooves on the airfield runway, offering better performance in skid resistance, water evacuation, and durability.





SUPPLY OF SUSTAINABLE MATERIALS





ASPHALT

Samwoh is a leading producer of high-quality asphalt with a comprehensive range of products to meet the diverse demands of the market and stringent requirements of the authorities. Our production capacity and storage facilities enable us to respond swiftly to exigencies and interruptions due to changing schedules and inclement weather. Our impressive track record has won us praise, cementing our leading position among the authorities and civil engineering contractors.

At the same time, we are innovative and 'green conscious'. We were among the first to have the technical know-how to utilise reclaimed asphalt pavement (RAP) for the production of asphalt. Our plants are equipped with advanced warm-mix technology, capable of producing asphalt at a reduced temperature of at least 30°C.

Through extensive research, we have gone beyond producing conventional mixes. Our array of speciality products include creating the only qualified asphalt mix for the Singapore Formula One circuit and the Stone Mastic Asphalt exclusively used by Changi Airport.

Above all, not only do we have the production capabilities to churn out high-quality asphalt but also the expertise to install them for a wide range of infrastructure requirements with our dedicated milling and paving teams.





AGGREGATES

We are a key supplier of essential materials for the industry. Ownership of our overseas granite quarries set us apart from the competition, enabling us to have full control over the entire supply chain from quarrying, blasting, crushing, to the storing and distribution via two aggregate terminals in Singapore.

Our diverse sources and operating capacities enable us to deliver a steady supply of wide-ranging aggregates including concreting sand, graded stones, armour rocks, and various grades of granite materials to our customers at very competitive prices.



PRECAST CONCRETE PRODUCTS

Our precast plant is fully equipped with casting and lifting facilities. The plant is managed by a core group of professionals with extensive experience in designing and manufacturing various precast elements for building, civil, and infrastructure works.

By being factory-cast, our precast concrete products are manufactured with stringently controlled quality, higher productivity, and a safer production environment. Our full range of products includes road kerbs, U-drains, safety barriers, and cable slabs

which are manufactured using sustainable materials under the GreenCast range and certified by the Singapore Green Labelling Scheme (SGLS) for being environmentally friendly.

We are also registered with the Building and Construction Authority (BCA) and Housing Development Board (HDB) of Singapore as an approved precast concrete product supplier for all public projects.

READY-MIXED CONCRETE

Poised to meet the increasing demands of the industry, our Ready-Mixed Concrete (RMC) plants are strategically located around Singapore.

A forerunner in developing sustainable products, our continuous research with the Building and Construction Authority (BCA) enabled us to be the first in Singapore to supply eco-concrete using up to 100% recycled concrete aggregates for structural applications. Our eco-concrete is certified by the Singapore Green Labelling Scheme (SGLS).

Our RMC plants are capable of producing a wide range of cost-effective concrete products and speciality mixes including high strength, fast or delayed-setting, temperature-controlled, water-proofing, high density, lightweight, and other specialised mixes. These mixes are rigorously tested at our plants to ensure consistency and quality.

In addition to product excellence, our mixer trucks are equipped with Global Positioning Systems to ensure safe, timely, and efficient deliveries.



RECYCLED CONCRETE AGGREGATE

We are the force behind the push for zero concrete waste in Singapore.

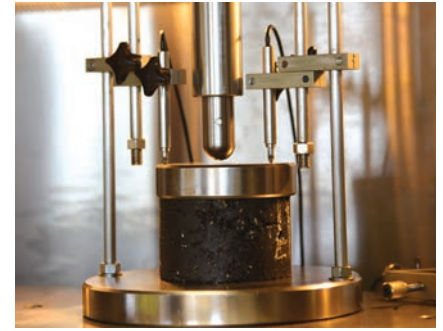
In support of the nation's drive for a sustainable future, Samwoh began investing heavily in green technologies and advanced recycling facilities as early as the 2000s. We spearhead the eradication of all concrete waste, recycling more than 1 million metric tons of waste per year. The huge amount of construction waste once regarded as useless by-products found a new lease of life as valuable materials for the construction sector. Our success has resulted in almost zero concrete waste in the present day.

More importantly, the relentless recycling effort from Samwoh is helping to alleviate land-fill shortages in Singapore and making the world a little greener.



INNOVATIVE SOLUTIONS





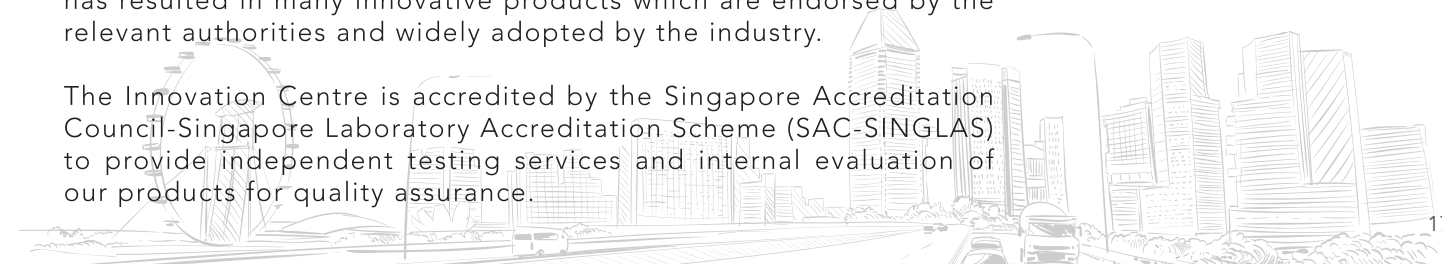
RESEARCH & DEVELOPMENT

Our Research and Development (R&D) forms the foundation for the business eco-system in Samwoh. Equipped with state-of-the-art research facilities and managed by a team of highly qualified researchers, the Innovation Centre is actively engaged in joint research studies with government agencies, institutes of higher learning, and the private sector.

One of the most notable research grants we have received was from the Ministry of National Development to research and build the first Eco-Green Building in this region using up to 100% of recycled concrete aggregates. The successful completion of the Eco-Green Building has won us prestigious awards such as the Singapore Top 50 Engineering Feats 2016 @ IES-SG50, ASEAN Outstanding Engineering Achievement Awards 2015, and the Minister for National Development R&D Award 2013. It has become an iconic building to showcase the breakthrough in green construction and paved the way towards greater sustainability and corporate social responsibility in the industry.

Over the years, we have gained renown for our applied research that has resulted in many innovative products which are endorsed by the relevant authorities and widely adopted by the industry.

The Innovation Centre is accredited by the Singapore Accreditation Council-Singapore Laboratory Accreditation Scheme (SAC-SINGLAS) to provide independent testing services and internal evaluation of our products for quality assurance.



PAVEMENT CONSULTANCY

Our scope of work goes beyond materials research and testing. By sharing technology and industrial know-how, Samwoh supports its multinational partners, including government agencies, in important projects with an emphasis on airport consultancy.

Equipped with an extensive array of testing equipment and the latest technology, Samwoh offers multi-disciplinary consultations for pavements including condition assessments, distress diagnostics, and civil engineering material analysis. We are the only company in Singapore with a complete set of pavement condition assessment equipment. Our expertise allows us to deliver innovative solutions, carry out industry-driven research, and provide comprehensive training for our clients.

With this capability, Samwoh regularly assists the regulatory bodies in developing pavement management systems for a cost-effective maintenance programme. We also maintain a presence at both local and overseas airports.



WE CAN HELP YOU WITH



OUR SERVICES



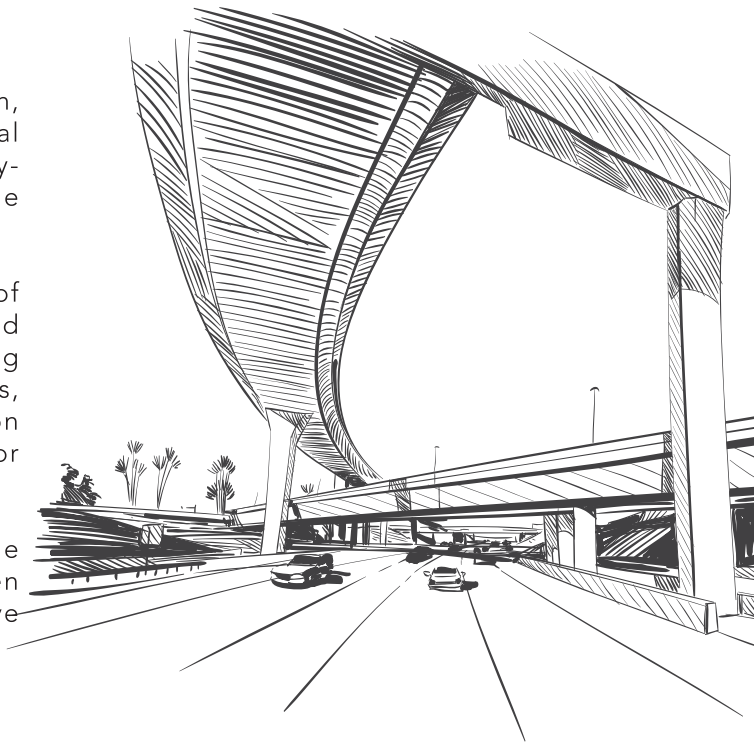


GREEN TECHNOLOGIES & PRODUCTS

In championing for sustainable construction, Samwoh paved the way by spearheading several R&D works on the transformation of industrial by-products and wastes into first-of-its-kind sustainable materials for construction applications.

A significant milestone was reached when many of these sustainable materials began to be accepted by the regulatory bodies, eventually gaining industry-wide adoption. Due to Samwoh's efforts, the sustainability landscape in the construction sector has flourished, opening up a new chapter for Singaporean construction.

Samwoh continues leading the industry into the future through the continual development of green technologies and products to further improve resource efficiency and lower carbon footprints.





SPECIAL PAVEMENT PRODUCTS

As a pioneer in the push for innovative pavement products, Samwoh has spurred great interest in the industry.

Greater improvement in productivity, reduction in material waste and maintenance cost, enhancement in functionality, and durability of pavement are among the many reasons for the adoption of these new products.

Special pavement products are easy to maintain and retain the benefits and characteristics of traditional products.

Our expertise and professional guidance help stakeholders, which include the Land Transport Authority, Housing & Development Board, and Changi Airport Group to develop customised solutions to meet their needs. These products were utilised in various iconic projects, including Marina Bay Sands, Sentosa, and Gardens by the Bay. We have also specially developed a polymer-modified Colour Relay™ upon request for Changi Airport Terminal 4.





Our wide variety of special products include,

- RENEW-CRETE® Decorative Flooring System is a modified cement-based alternative flooring and surface restoration system for new or existing concrete surfaces. This system consists of Stamped Concrete & Overlays, SprayCoat, Acid Staining and Roll Coat & Re-sealing.
- Samiphalt is a semi-flexible pavement system uniquely combining the best technical advantages of both concrete and asphalt. This composite is specially formulated to withstand heavy vehicles and high traffic at road junction, bus terminal, roundabout, seaport and airport, as well as storage places.
- RELAY™ is a water-based polymer that can be used for ultra-thin bond resurfacing, deep patch and overlay applications. It is ideal for repairing and texturing old, worn or damaged surfaces while improving their skid resistance. It can also be coloured with pigments to suit the required designs and purposes.
- RoadDeck is a fibre-reinforced and rapid-curing polymer that creates a durable, skid and abrasion-resistant wearing surface for new and used concrete pavements. As such, it minimizes the need to remove existing concrete which in turn reduce waste.



CONTACT

SAMWOH CORPORATION PTE. LTD.

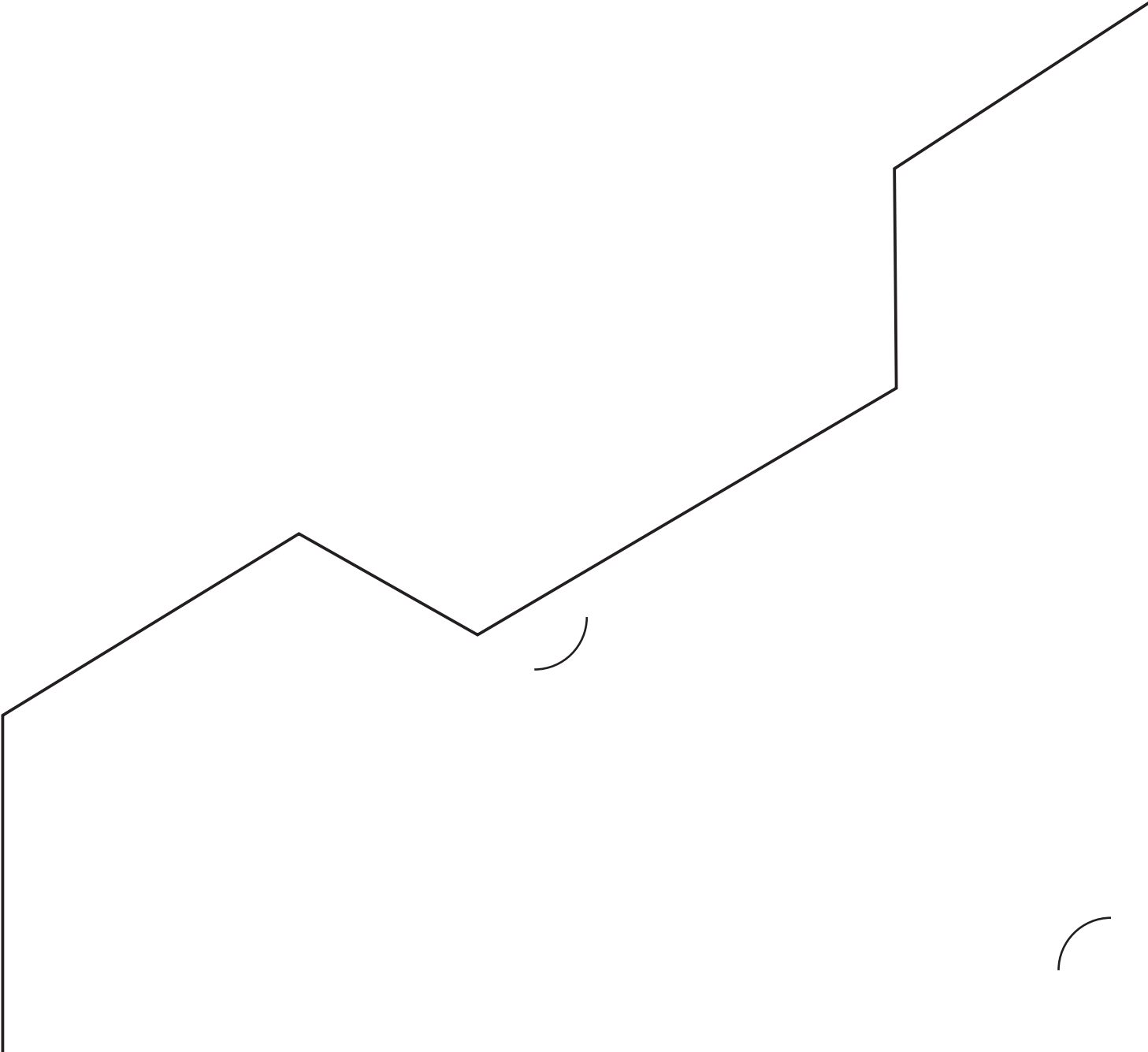
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