

key industries in the Cooperation Zone, and the integrated circuit industry in Hengqin has been growing rapidly. The Guangdong-Macao Integrated Circuit (IC) Design Industrial Park in Hengqin has opened, with an occupancy rate of nearly 40 percent. Also, Traditional Chinese Medicine and Macao branded industries have seen steady development. With the improved management of the Traditional Chinese Medicine Science and Technology Industrial Park for Cooperation Between Guangdong and Macao (GMTCM Park), 229 enterprises were registered in the park, 59 of which were Macao enterprises, demonstrating the agglomeration effect of the industry.

Over the past year, since the establishment of the Cooperation Zone, the new neighbourhood for Macao residents to live and work in has a new look. China's first one-stop social security counter for Guangdong and Macao has become operational, offering Macao residents free access to 14 essential public health services, including medical check-ups for the elderly and treatment for chronic diseases. Macao students in the Cooperation Zone can enjoy Macao's education subsidies. The special cooperation between Guangdong and Macao on "One Examination, Multiple Accreditations" for vocational skills has officially commenced.

The Macao New Neighbourhood in Hengqin is an integrated community with housing, education, healthcare and social services. The topping out of the project's first tower was completed at the end of September 2022, with 4,000 residential units scheduled for sale in 2023. The overall planning and design of the project aim to create a living environment akin to Macao, providing Macao citizens with more convenience for studying, employment, entrepreneurship and livelihoods in Hengqin.

Optimising Municipal Facilities and Building a Green, Liveable Environment



The Macao Special Administrative Region Government strives to enhance the modernisation of urban governance, realise high-quality urban development, build multi-type and multi-level recreational areas, continue improving people's livelihoods and well-being, create a more liveable environment, and provide happier and more fulfilling lives for residents.

Facilitating improved commuting for the people

The Pedestrian System Surrounding Guia Hill – which includes a pedestrian tunnel, a pedestrian flyover, an elevator and a related equipment room – passes through Guia Hill and connects the area around Avenida de Horta e Costa and the surrounding crossings of NAPE District. It is a livelihood project that benefits the overall community. In 2022, this long-awaited project was officially opened on 1 October.

Among the facilities, the most notable is the Guia Hill pedestrian tunnel, which passes through Guia Hill from south to north, offering a new, convenient route for residents of New Port Area and Horta e Costa. The design and decorations integrate with nature, and use Macao's world cultural heritage as their theme, creating a comfortable walking space for busy city people.

Since its launch, the pedestrian system has improved the walking environment in the area. The walking distance between NAPE District and Avenida de Horta e Costa has been shortened from about 1,100 metres, around Guia Hill, to about 400 metres. The pedestrian tunnel is equipped with a pedestrian conveyor system, and is connected to a nearby elevator. The project has also optimised the surrounding pedestrian crossing environment, and has won the appreciation of the general public.

Optimising Leisure Space in Response to Demand

In tandem with societal development, residents' demand for children's leisure and play area is increasing. In recent years, many new and improved leisure areas and playgrounds have opened or reopened. Following projects such as the newly built Kun Iam Statue Waterfront Park Leisure Area and the optimised Camoes Garden, in 2022 the MSAR Government continued increasing and optimising residents' recreational spaces, and completed the construction and optimisation of several municipal facilities.

In order to make good use of land resources, the Municipal Affairs Bureau has used four idle plots on Avenida Marginal do Lam Mau to build a temporary leisure area. Built in phases, with a total area of 6,220 square metres, it integrates comprehensive sports, recreation and children's playground facilities, and optimises the walking route environment and greenery. The project has created a variety of recreational spaces for residents of Lam Mau Tong and Fai Chi Kei.

The Temporary Leisure Area on Avenida Marginal do Lam Mau includes leisure and recreational facilities such as a children's playground, a court for ball games, a comprehensive fitness area, a multi-function square, and a roller skating rink, providing a variety of activity choices for the public including young people. The comprehensive fitness area was the first of these facilities to open, in August 2021, and the children's playground and roller skating rink – covering an area of about 2,300 square metres – officially opened on 9 November, 2022. The children's playground introduced parent-child inclusive play equipment, and features the first outdoor sand pit on the Macao peninsula, creating an environment where children can interact, play and help each other,

and boost their creativity through fun with water and sand-building games. Since its opening, the children's playground has become very popular, and is now another top parent-child destination in Macao, after the Kun Iam Statue Waterfront Park Leisure Area.



In addition, the children's playground in Guia Recreation Square reopened on 5 March, after optimisation. The children's playgrounds in Zones A and B of the Reservatorio Park were reopened on 1 October and 15 December, respectively, after improvement works. This large-scale playground optimisation project has provided more recreational facilities suiting for the developmental needs of children of different ages, while increasing the joy of parent-child interactions, and optimising the green landscape and auxiliary facilities of the park, to truly meet residents' needs.

Promoting Environmental Protection and Sustainability

In 2022, the MSAR Government continued promoting the application of green energy. In addition to compiling the plan to promote electric vehicles in Macao, the subsidy scheme for replacing old motorcycles with new electric motorcycles was launched. Vehicle owners were encouraged to replace their old and highly polluting motorcycles with new electric motorcycles, to increase the electric motorcycle penetration rate, and further improve air quality and meet the carbon emissions target.

The subsidy scheme started accepting applications on 1 March, with a total maximum subsidy and fee waiver of 8,800 patacas. By the end of 2022, the scheme had received a total of 1,169 applications, and 828 old motorcycles had been handed in, resulting in 676 new electric motorcycles being registered. The scheme has led to a significant increase in the ratio of electric motorcycles in Macao, and promoted the introduction of more brands and models in the market, further increasing the penetration rate of electric motorcycles. The MSAR Government then extended the funding

application deadline to 31 March, 2023, to encourage more motorcycle owners to participate.

At the same time, the MSAR Government urged bus companies to replace old buses with new ones, and required all public entities to – ideally – replace existing combustion engine vehicles with electric vehicles, and ensure any further vehicles that are purchased are electric. All newly built government buildings and public housing must be equipped with charging facilities for electric vehicles. To support the use of electric vehicles, by December 2022, the MSAR Government had added more than 2,100 light vehicle charging stations and installed 500 electric motorcycle charging stations in 42 public parking lots, to respond to the demand for facilities supporting electric vehicles.

In order to further promote the policy on restricting use of plastic, the MSAR Government started to ban the import of non-degradable disposable plastic straws and drink stirrers from 1 January, 2022; it also further implemented energy conservation, pollutant reduction and environmental protection in multiple ways, aiming to build a green, liveable city.

Safeguarding National Security and Continuing to Develop Patriotic Education



National security is the cornerstone of protecting citizens' lives and properties. As such, the security of the MSAR relies on the fundamental protection of national security. To this end, the MSAR Government has always been committed to giving priority to the work of safeguarding national security and public safety.

Amending the Law on Safeguarding National Security to Keep Abreast of the Times

2022 saw worrying changes in the security situation worldwide and regionally, and with the recurring pandemic, Macao faced a number of security challenges. Since the enactment of Law No. 2/2009 – Law on Safeguarding National Security, the Macao SAR has fulfilled its obligation set out in Article 23 of the Basic Law of the Macao Special Administrative Region of the People's