



2021 GM CHINA

SUSTAINABILITY
REPORT



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LEADERSHIP MESSAGE

“Our transition to EVs and AVs is at the heart of our business- and software-driven growth strategy. We will continue to increase our investments in these vehicles and new services as we progress toward decarbonizing our business.”

MARY T. BARRA

Chair and CEO





“‘everybody in’ is the rallying cry of GM’s transition to the all-electric future. GM wants to put everyone in an EV, and our aspiration to be the most inclusive company in the world will accelerate that mission.”

KRISTEN SIEMEN

Chief Sustainability Officer

“China is a cornerstone of GM’s vision of a world with zero crashes, zero emissions and zero congestion. Leveraging GM’s global and local solutions, our goal is to become a leader in electrified and autonomous vehicles.”

JULIAN BLISSETT

*Executive Vice President
GM China President*



WE ARE GENERAL MOTORS

General Motors is Fostering Smart, Safe and Sustainable Communities in China

We pioneer the innovations that move and connect people to what matters
Our vision is a future with zero crashes, zero emissions and zero congestion

Safety is a key priority
Safety is personal, Own it



By **2025**

Plan to have more than 1 million units of electric vehicle capacity in each of China and North America.



By **2030**

Convert more than 50% of the manufacturing footprint in China to be capable of EV production.



By **2035**

Eliminate tailpipe emissions from all new light-duty vehicles.



By **2040**

Become carbon neutral as a company.

POWERING GROWTH WITH PURPOSE

We pioneer the innovations that move and connect people to what matters

General Motors is in the midst of a transformation that includes our accelerated transition to EVs and AVs. We are rethinking how and, in many cases, where we work. We are taking bold actions to make our business carbon neutral, and we are broadening our social impact by aiming to help create a zero-emissions future that is both inclusive and equitable. For these reasons, the timing felt right to revisit the question of **why** we exist and to crystallize and articulate our Purpose.

For each and every one of us at General Motors, it's the answer to why we exist:

We pioneer the innovations that move and connect people to what matters.

It's a simple but powerful statement that honors our heritage of innovation, captures who we are today when we're at our best and looks ahead.



BEHAVIORS

Our eight GM behaviors are the foundation of our culture and how we think and act in service of our Purpose.



BE INCLUSIVE

I create moments every day that value backgrounds, opinions and ideas that may be different.



ONE TEAM

I collaborate cross-functionally to achieve enterprise-wide results.



THINK CUSTOMER

I consider the customers' needs in everything I do.



BE BOLD

I respectfully speak up, exchange feedback and boldly share ideas without fear.



INNOVATE NOW

I see things not as they are but as they could be.



IT'S ON ME

I take accountability for safety and my own actions, behaviors and results.



LOOK AHEAD

I make decisions now with the long-term view in mind and anticipate what lies ahead.



WIN WITH INTEGRITY

I have a relentless desire to win and do it with integrity.



GM One of the World's Most Ethical Companies® in 2021

GM was recognized as one of the World's Most Ethical Companies® in 2021 by the Ethisphere Institute. Four companies from the automotive industry received this award, with GM the only automaker among them.



SAIC-GM Two CSR Awards

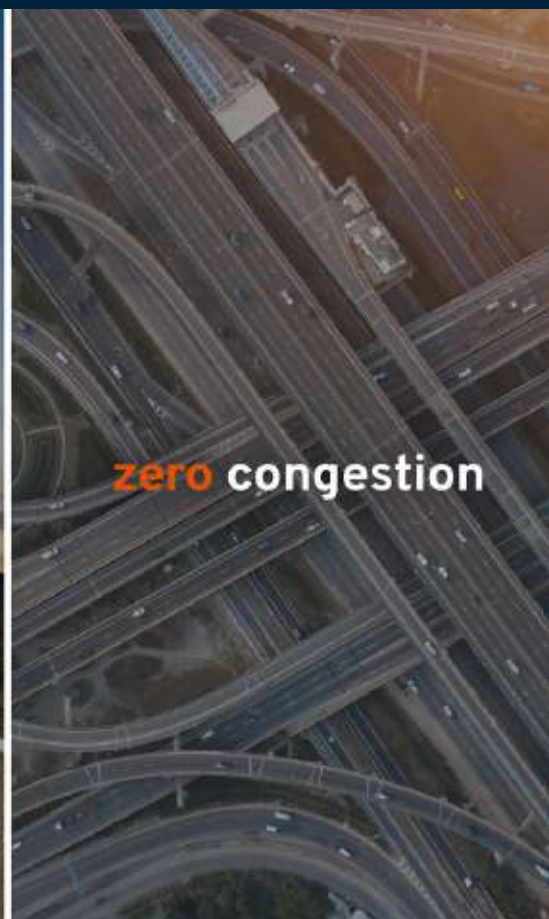
SAIC-GM was once again recognized as one of the most admired companies in China from 2020 to 2021, becoming the only automotive company to receive this honor 17 consecutive years.

SAIC-GM also appeared on the Yicai Corporate Social Responsibility Ranking in China 2021. It has received this honor 13 straight years and once again received the Responsible Corporate Citizen Award as well.

SAIC-GM-Wuling Promoting Biodiversity

SAIC-GM-Wuling's Baojun and Hexi facilities in Liuzhou, Guangxi, Qingdao and Chongqing production sites have received Wildlife Habitat Council (WHC) certification for the preservation and protection of biodiversity.





SUSTAINABLE MOBILITY OF THE FUTURE

GM is redefining how people and goods are moved.
It is focused on electric vehicles and autonomous driving to create a future of
zero crashes, zero emissions and zero congestion.



Path to EV Leadership

Today, as we pursue our vision of zero crashes, zero emissions and zero congestion, GM is once again delivering technologies that redefine how people and goods are moved.

Our business growth model is predicated on leveraging leading positions in electrification, hydrogen fuel cells, autonomy and connected vehicles - positions that are enabling GM's path to EV leadership.

LEADING TRANSFORMATION

Investment of \$35 billion is planned from 2020 to 2025 in EVs and AVs globally. As GM's largest market, China is playing a pioneering role in the company's transformation. GM is fully committed to bringing in the best technologies and products tailor-made for the Chinese market.



everybody in.

- GM is bringing its revolutionary Ultium platform to China. Ultium provides the power, range and flexibility to make almost every vehicle an electric vehicle. Leading up to its major rollout by GM across brands and segments, an action call has been issued worldwide to advance zero emissions as part of the company's global vision.
- Deliveries of the Cadillac LYRIQ, GM's first Ultium-based product for the Chinese market, will be rolled out in 2022. GM plans to have more than 1 million units of electric vehicle production capacity in each of China and North America by 2025.
- GM is converting more than 50% of its manufacturing footprint in China to be capable of EV production by 2030. The first Ultium Center that is assembling battery packs for locally produced EVs opened in Shanghai in October 2021.





PATH TO AUTONOMOUS DRIVING

- GM is pursuing a comprehensive path to autonomous driving. A wide range of solutions and capabilities have been developed, including Ultra Cruise and Super Cruise.
- GM is collaborating with companies around the world to help strengthen its autonomous driving capability and support diverse consumer choices worldwide. In 2021, the company announced the investment of \$300 million in Momena, a self-driving startup in China. It will help accelerate

the development and deployment of next-generation self-driving technologies for future GM vehicles in China.



Working towards an All-Electric Future

With its diverse range of solutions, rich technological capability and innovative business models, GM aspires to create far-reaching and positive long-term benefits for society by driving forward a more sustainable future.



ULTIUM: A PLATFORM FOR AN ALL-ELECTRIC FUTURE

Cadillac: LYRIQ is slated for start of deliveries in 2022

Pre-sales of LYRIQ, Cadillac's intelligent all-electric midsize luxury SUV, began in November 2021. Deliveries will start in 2022. LYRIQ is the first vehicle based on the Ultium EV platform in China and represents a new chapter in Cadillac's electric vehicle innovation. Thanks to the Ultium platform, LYRIQ has an estimated range of more than 650 km on a single charge and supports full life-cycle fast charging to meet the intercity travel needs of users. It will take on the luxury pure EV market with its outstanding performance and configuration.



Chevrolet and Buick: A promising future

In the future, we plan for the Ultium platform to cover a diverse lineup of domestically produced electric vehicles spanning the Chevrolet and Buick brands, with strong power, range and innovation, bringing Chinese consumers more diverse choices and a more "electric" driving experience.

GLOBAL SMALL ELECTRIC VEHICLE (GSEV) PLATFORM

In 2021, more than 450,000 SAIC-GM-Wuling vehicles built on the joint venture's Global Small Electric Vehicle (GSEV) platform were sold, an increase of 160% year on year. They provided their owners with over 143 million convenient all-electric trips totaling about 5.5 billion km and reduced CO2 emissions of more than 1.04 million tons.



Wuling Hong Guang MINIEV EV Sales Leader

The Wuling Hong Guang MINIEV was #1 in sales (over 550,000 units) in the world's largest new energy vehicle (NEV) market since its launch and was the country's best-selling NEV for 2021 as a whole. The Hong Guang MINIEV was also the global NEV sales leader for several months in 2021, according to data from the authoritative market research firm EV Sales.

Baojun KiWi EV A Fashion Icon

In August 2021, SAIC-GM-Wuling's Baojun brand officially launched the KiWi EV. The futuristic-looking fashion icon has been well received by young, well-educated consumers. Those between the ages of 25 and 36 account for 65% of sales, those with a bachelor's or higher academic degree make up 70% of customers, and as many as 77% of owners expressed a willingness to buy another KiWi EV.





A New Service Experience

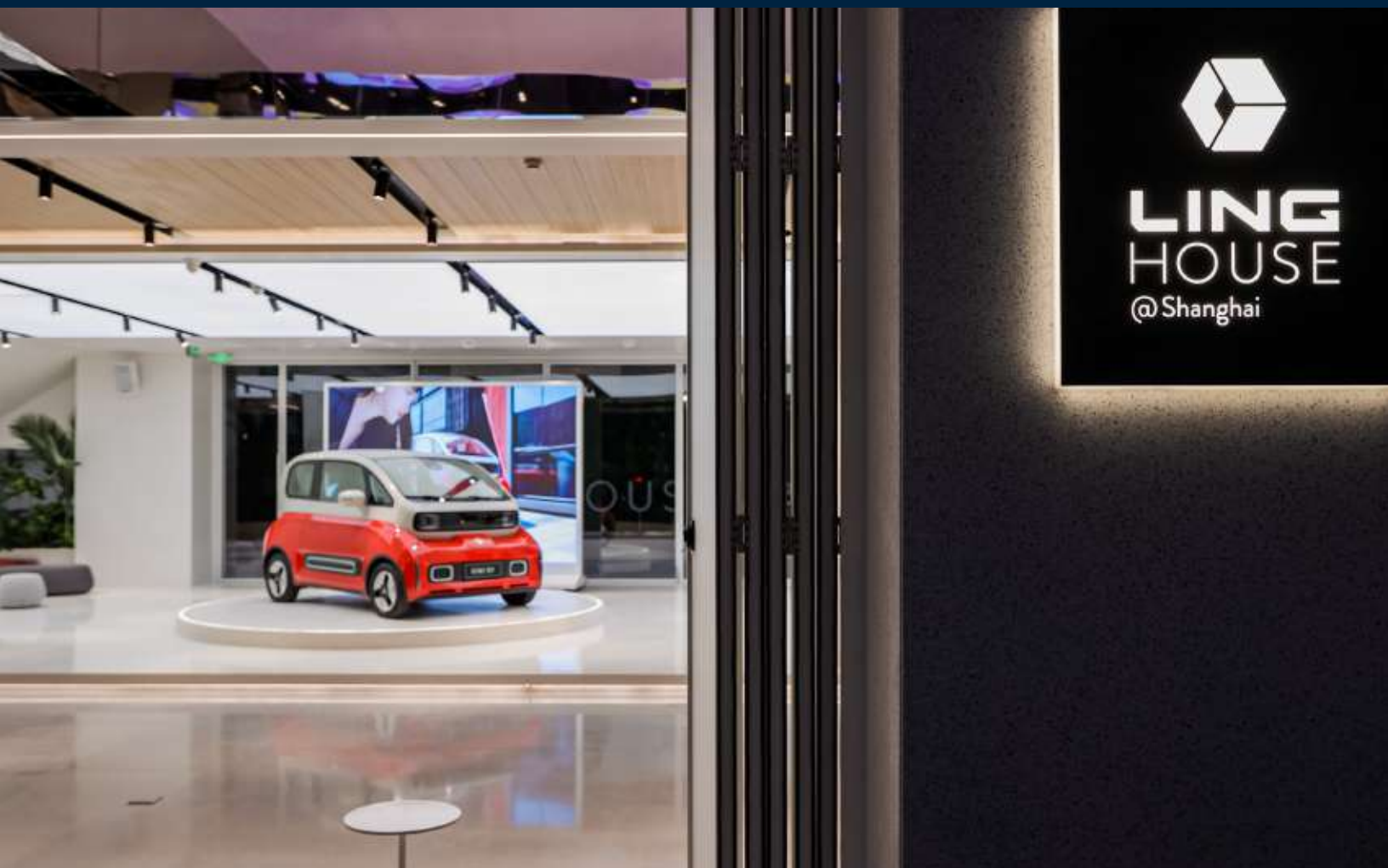
GM is working with its joint ventures to create a new marketing and service model for Chinese consumers that communicates GM's technology and cutting-edge ideas for a more sustainable future.

Cadillac IQ Spaces

- Cadillac IQ Spaces are urban IQ experience outlets in bustling business and residential districts of China built by Cadillac with the new habits and needs of EV users in mind. Cadillac seeks to offer a one-stop shopping experience, including vehicle displays and ordering, to enable consumers to experience more convenient and caring premium services.
- Since opening the first IQ Space in China in September 2021, Cadillac has opened another 11 in

Shanghai, Hangzhou, Nanjing, Zhengzhou, Guangzhou, Shenzhen and Chengdu. It will open 10 more in key cities by the middle of 2022.

- The IQ Space in Shanghai offers a range of exclusive services that provide energy replenishment, parking and rest for LYRIQ customers travelling between Shanghai Hongqiao International Airport and the Hongqiao business district.



LING HOUSE – Wuling NEV Experience Center

In December 2021, the sixth Wuling NEV Experience Center opened in Guangzhou, joining those in Liuzhou, Nanning, Zhengzhou, Shanghai and Hangzhou. Wuling NEV Experience Centers offer one-stop caring services covering test drives, purchases and aftersales communication in a customer-centric manner. They are open, young and trendy, and conveniently located in major business districts for younger consumers to experience Wuling NEV models when they are out shopping.



SUSTAINABLE WORKPLACES

GM values sustainable workplaces that are safe and efficient. This philosophy extends from its corporate culture right down to its daily business and operations, facilitating the attainment of the company's sustainable development goals.



Three GM China Plants Have Received ENERGY STAR Recognition

SAIC-GM-Wuling's Baojun Assembly Plant reduced its energy density by

19.4%

from 2019 to 2020.

SAIC-GM's Dongyue Engine Plant reduced its energy density by

13.5%

from 2018 to 2020.

SAIC-GM Wuling's Qingdao Assembly Plant reduced its energy density by

20.3%

from 2016 to 2021.

Given their outstanding performance, the three sites met the ENERGY STAR Challenge for Industry sponsored by the U.S. Environmental Protection Agency.



GM China's joint venture facilities have met the ENERGY STAR Challenge for Industry



since 2009.

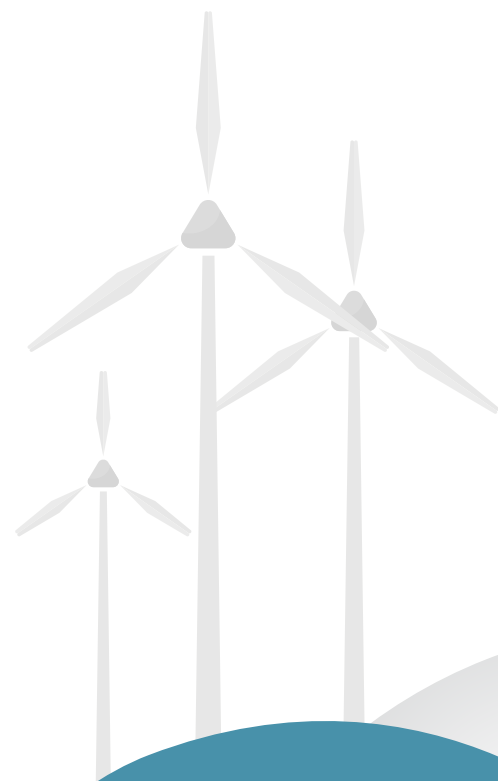


Sustainable Manufacturing Culture

Building a sustainable manufacturing culture is the cornerstone for creating a low-carbon, efficient and cyclical manufacturing system. It is enabling GM to write a new chapter in energy conservation and emissions reduction.

WORLD ENVIRONMENT DAY ACTIVITIES AT SAIC-GM SITES

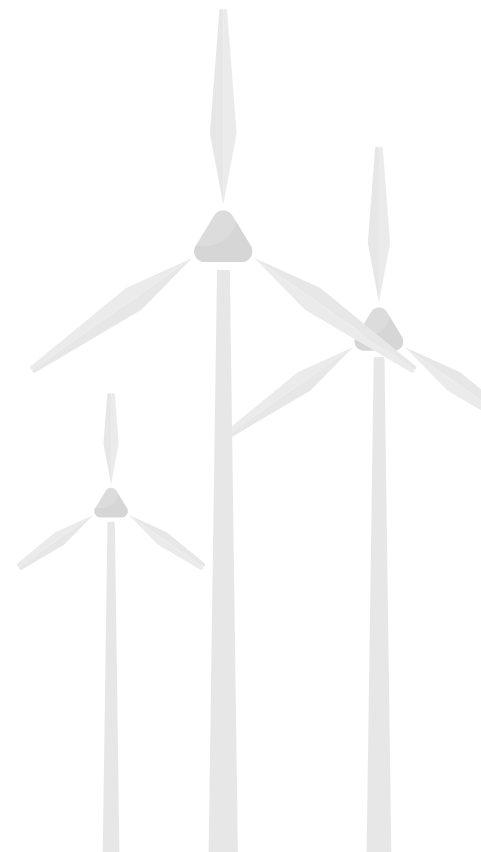
SAIC-GM Dong Yue Motors, SAIC-GM Norsom Motors, SAIC-GM's Wuhan base and SAIC-GM's Jinqiao base actively conduct World Environment Day activities involving educational posters, quizzes, waste-categorization improvement, environmental photography contests, etc. The environmental-focused concept is being promoted throughout the manufacturing system.

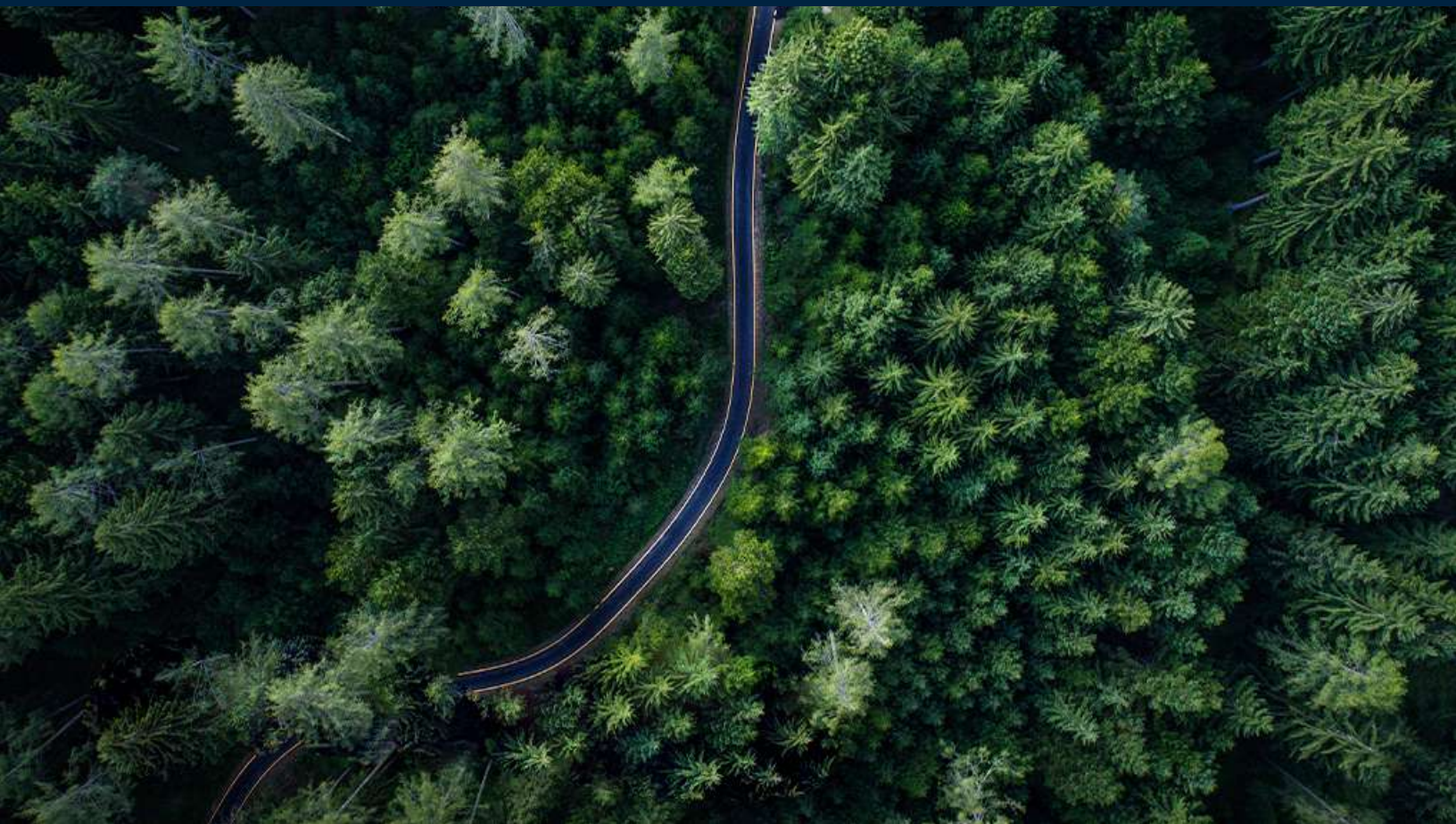




SAIC-GM-WULING EMPHASIZES BUILDING A GREEN MANUFACTURING CULTURE

- Celebrates its first green manufacturing culture promotion month
- Creates an online platform for energy conservation and emissions reduction with the participation of all employees
- Holds a contest based on innovative projects for energy conservation and emissions reduction
- Empowers offline energy saving and environmental knowledge
- Upgrades the Energy Saving and Environmental Protection Volunteer Association





Transforming our Manufacturing Footprint Together

GM has joined efforts with its joint ventures in China to dig deeper into potential energy-saving opportunities through management and technological innovation, energy efficiency improvement, and a focus on building sustainable and healthy intelligent manufacturing.

IMPLEMENTING SUSTAINABLE PRODUCTION BASES

From increased efficiency to even more sustainable concepts, GM is working towards a more sustainable future.

SAIC-GM

- SAIC-GM is furthering its efforts to build green factories. The Jingqiao plant in Shanghai and SAIC-GM Dong Yue Motors were recognized as Green Facilities by the Chinese government. In addition, SAIC-GM Dong Yue Motors and SAIC-GM Dongyue Engine Plant were recognized as Green Facilities by the Shandong provincial government.
- The company's Wuhan base has applied for Green Facility recognition by the Ministry of Industry and Information Technology in 2022.

SAIC-GM-Wuling

- SAIC-GM-Wuling was recognized as a Green Facility by the Chinese government. In 2020, it completed its corporate statement on green manufacturing, which was accepted by the government.

WASTE TREATMENT AND UTILIZATION

GM is working to integrate waste reduction and resource protection into its manufacturing processes, changing the world without harming it.

- SAIC-GM Dongyue Engine Plant has successfully cut the amount of water used for cleaning machines and the amount of liquid waste from oil mist collectors by optimizing the machines' operating frequency to reduce their exhaust volume. At the same time, it is accurately controlling cleaning fluids and the exhaust temperature during GF9 transmission manufacturing. Accordingly, it cut GF9-relevant wastewater emissions by 540 tons, a decrease of 54%, from 2020 to 2021.
- SAIC-GM's Jinqiao South plant has replaced solvent-based intermediate paint coats in the paint shop with environmentally friendly water-based ones. In addition, it has upgraded the automated painting process via air circulation. This has also reduced exhaust generation, creating a clean process in which exhaust is absorbed by zeolite wheels before being incinerated. This can reduce emissions by 50 tons per year on average.
- The paint shop at SAIC-GM-Wuling's Chongqing Base has launched a project to reduce hazardous substances and waste. The generation of sludge and paint residue has been reduced by adjusting the painting process, increasing sludge return and drying, and optimizing inbound and outbound management at its warehouses. This project has resulted in financial benefits of nearly RMB 3.4 million and process improvements.



Everybody in Energy Conservation



In 2021, all GM plants across China are actively carrying out energy conservation, with

225 projects launched.

SAIC-GM

SAIC-GM regularly conducts green workshops throughout the company. It continuously enhances workshop managers' and regular employees' awareness of and sense of responsibility for energy conservation. Production facilities are encouraged to conduct regular energy conservation and emissions reduction activities.

SAIC-GM-WULING

Given supply chain problems associated with the ongoing chip shortage, all SAIC-GM-Wuling sites conduct research on tactics specific to energy use beyond production. They have each made it a priority to switch off energy-intensive equipment when production stops. Efforts have been made as well to promote production equipment start/stop benchmarking and energy conservation checking and tracking.



This has led to standard coal savings of

18,126 tons.



And cost savings of RMB

53.61 million.

GM CHINA

A non-production site, the GM China Campus in Shanghai has meticulously reduced its energy consumption.

The energy consumption and cooling efficiency of its air-conditioning system had been negatively impacted by the heat from servers meeting the cold air produced by the air conditioners.

An investment of RMB 140,000 resolved this problem, resulting in electricity savings of about RMB 94,000 annually.



Hourly power consumption outside production dropped

11.5% year over year.

ENERGY TREASURE HUNT

- In 2021, GM China's energy team held an energy treasure hunt. Through energy indicator benchmarking, the introduction of advanced technology and experience sharing, it helped GM's joint ventures discover opportunities to save energy and promote an energy-friendly culture. Eighteen potential opportunities were identified during the year, with expected cost savings of about **RMB 2.65 million** in 2021.
- GM has been conducting energy treasure hunts in China for four years.

Over the past four years, GM's carbon footprint has been minimized through a continuous review of the working environment and daily processes for details requiring improvement, with a focus on compressed air, factory air-conditioning systems, cooling water and lighting systems, energy-intensive equipment beyond production, manufacturing process modification, equipment start/stop optimization and other aspects where energy conservation is possible. Energy treasure hunts have been carried out at the following sites:

2018:

SAIC-GM's Jinqiao North plant, SAIC-GM-Wuling's Hexi West vehicle plant and engine plant, and the GM China Campus



2019:

SAIC-GM's Wuhan North plant and powertrain facility, and SAIC-GM-Wuling's Qingdao base



2020:

SAIC-GM's Cadillac plant and SAIC-GM-Wuling's Baojun facility



2021:

SAIC-GM-Wuling's Chongqing base



From 2018 to 2021,

a total of **135** opportunities to save

energy were identified at GM China's production sites.



Safety First

GM has adopted a people-first approach to safety, emphasizing employee safety and working to build an even safer future together with its team members.

OUR COMPREHENSIVE GLOBAL WORKPLACE SAFETY STRATEGY HIGHLIGHTS 5 KEY FOCUS DIMENSIONS



GM China has created a strong and comprehensive level of safety in all of its workplaces to achieve its goal of returning people home safely through the five dimensions of culture, knowledge, systems, data and risk control.



SAFETY

GM China is working with all of its stakeholders to create and continually improve safety in all areas of its business.

A Safety-Driven Culture With a Global Focus

GM Global Safety Week

GM's annual Global Safety Week was held in September 2021. GM China and its two manufacturing joint ventures – SAIC-GM and SAIC-GM-Wuling – hosted a number of activities under the theme of “Look Ahead” in order to enhance employees’ awareness of safety and build a safety-driven culture together.

Workplace exercises, health workshops, safety inspections, Safety Week drawing contests, safety training and other activities were conducted throughout the week. Several Safety Heroes were also recognized.

Cybersecurity Month

At GM, October 2021 was Cybersecurity Month. The annual activity, held in China and around the world, was created to raise awareness of the importance of cybersecurity and to ensure all employees have the resources they need to stay safe and secure online while increasing the company’s resilience against cyber threats. Cybersecurity is a priority at GM. Having a strong cybersecurity strategy is critical for enabling the security and privacy of customers, employees, vehicles and partners.

Active Engagement of GM China and Its Joint Ventures

▪ **GM China: Zero Crashes Starts with Me**

The Zero Crashes Starts with Me program was held at the GM China Campus in early summer. Employees took part in a traffic accident case study, experienced for themselves distracted driving and took traffic regulation quizzes. They were also able to read important safety stories shared by their colleagues. Meanwhile, the Kids' Summer Vacation Safety Class offered useful tips for parents. As GM reminded employees, safe driving behaviors play a critical role in helping save lives. They are also critical for achieving the company's vision of a world with zero crashes.

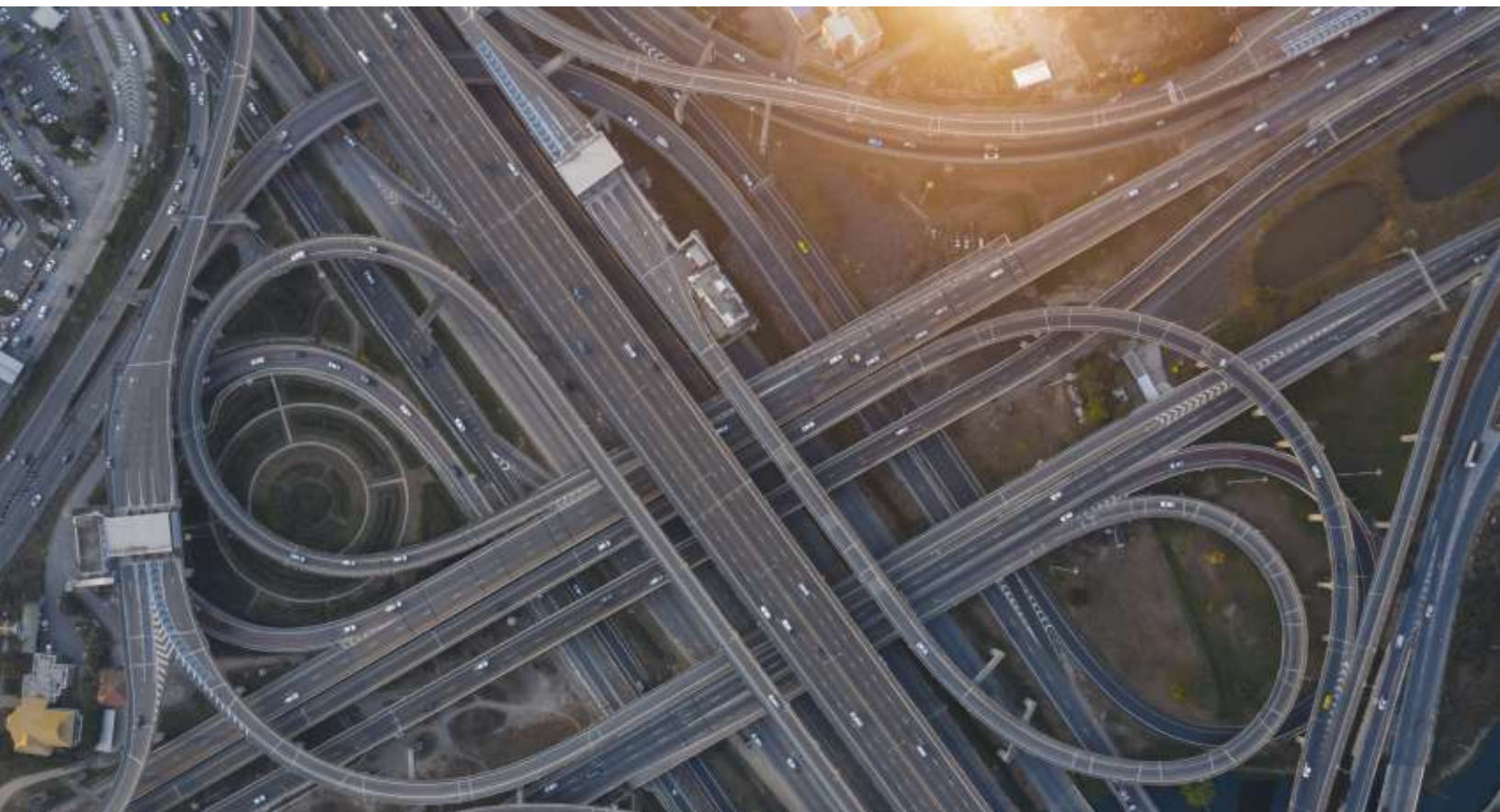
▪ **SAIC-GM and SAIC-GM-Wuling: Just Say No to Distracted Driving**

A safety-themed drawing contest was held for SAIC-GM and SAIC-GM-Wuling employees and their family members. A total of 286 drawings

were submitted, with several used for a 2022 calendar and part of a collection exhibited at the joint ventures. The contest introduced GM's safety-driven culture to employees' families, creating a strong link between the company's culture, employees and their family members. SAIC-GM's Jinqiao plant and SAIC-GM-Wuling's Baojun plant also held exhibitions on the company's safety-driven culture.

▪ **Work Safety Law Learning**

The amended Work Safety Law, which took effect on September 1, 2021, has stricter requirements for workplace safety in China. SAIC-GM-Wuling invited Ye Jian, head of the Guangxi Emergency Management Association, to provide training to over 120 managers and safety team members. Another 678 people received virtual safety training.



Jointly Creating GM's Safety System

- **GM's joint ventures joined the SIF program in 2021**

In 2021, SAIC-GM and SAIC-GM-Wuling joined GM's latest Serious Injury & Fatality-Hierarchy of Controls (SIF-HoC) program, with a vision of jointly promoting high-level safety management to reduce hazards and drive safety. SAIC-GM-Wuling began implementing the Global Design for Health and Safety (G-DHS) project with a focus on offering a safe and reliable workplace early in the project design stage. In addition, with GM China's support, SAIC-GM-Wuling held a workshop on chemical hazards and operability analysis methods to help employees minimize chemical risks during the safety management process.

- **GM China executives participated in a safety workshop**

In December 2021, the GM China Leadership Safety Workshop was held at the GM China Campus in Shanghai, with the participation of 24 function heads and Workplace Safety System (WSS) champions. They discussed building a safety culture as well as WSS continuous improvement and risk mitigation. The executive vice president and president of GM China, and GM China vice president of Quality, co-chaired a panel discussion themed "People First, Work Second." Continuous attention from executives and the participation of all functions from GM China are helping build a strong safety system with the support of the company's joint ventures.

JULIAN BLISSETT

EXECUTIVE VICE PRESIDENT
GM CHINA PRESIDENT





EMERGENCY SAFETY

GM works hand in hand with its joint ventures to strengthen their safety management systems and facilitate the creation of a safety-driven culture.

training to support a safe environment for everyone working with EV components and vehicles.

SAIC-GM

- As we transition to EVs, SAIC-GM continues to ensure that working procedures are updated to address any potential risks associated with new technologies. SAIC-GM has formed a safety management team to help protect its employees. The team invites experts from the Shanghai Fire Research Institute and SAIC for guidance to create standards and develop





SAIC-GM-Wuling

▪ Chongqing base opened a safety emergency training center

After two years of preparation, SAIC-GM-Wuling's Chongqing base officially opened a safety emergency training center in June 2021. It is among the latest examples of the collaboration between GM and its joint ventures in the critical areas of emergency management training and education at their production sites.

The training center has five functional modules: electrical safety, energy locking, lifting, fall protection, and limited space. All five are divided into training and practical exercise areas. Covering relevant theories and practices, they can enhance employees' understanding of accidents, help create safer workplaces, and maintain a safety-driven culture.

▪ Celebrated Fire Safety Month

November 2021 marked both National Fire Safety Day in China and the celebration of Fire Safety Month at SAIC-GM-Wuling. Several fire safety activities were carried out by various production departments at the joint venture. Through theoretical learning and operational training, employees learned how to handle dangerous situations with the goal of ensuring zero safety incidents.



DEVELOPING A TALENTED WORKFORCE

Recruiting, engaging and training talent is crucial for GM's corporate transformation.





“I had an amazing experience at the 2021 Project Fair! It gave me the opportunity to be seen outside my regular work, to be able to network through the cross-functional taskforce, to see the enthusiasm and potential in my colleagues and myself, and more important to support and celebrate with the team a more inclusive culture at GM China.”

OPAL LIU

*Export Manager
Corporate Development, GM China*

GM is dedicated to building a corporate culture that is fair, more open, inclusive, and future-oriented. While making continuous improvements to the office environment, GM China emphasizes listening to employees' voices and continues to explore ways of working and strengthening the overall corporate culture. It offers world-class online and offline training programs for employees to help them grow. Various cross-functional collaboration projects do not just help employees expand their networks and improve communication, but more important they lay the groundwork for employees to plan their own career development paths and gain management experience.





MAINTAINING A WORK-LIFE BALANCE PROMOTES SUSTAINABLE TALENT GROWTH

GM has always cared about the physical and mental health of its employees. GM China Health Week has been an annual activity since 2013. In 2021, GM once again explored and examined methods for improving employees' immunity and ability to protect themselves against COVID-19. GM advocated healthy diets, hosted Chinese- and Western-style health care workshops, supported workplace exercise, and enriched its fitness center, creating a healthy and energizing office environment.

GM has also actively thought about new ways of working in the post-COVID-19 era, launching the flexible working hour system. Employees may work "4+1" - inside the office four days per week and outside the office one day per week. This is inspiring employees in an environment characterized by respect and trust.

The company also launched the Employee Assistance Program to provide employees and their family members with mental health care and assistance.



GM CHINA'S UPGRADED ADVANCED DESIGN CENTER OPENS

In July 2021, the upgraded and expanded GM China Advanced Design Center officially opened. An important addition to our operating global designing network, it doubles the advanced design capacity of GM in China and will contribute to the company's ongoing effort to ramp up battery-electric vehicle development.

The upgraded Advanced Design Center will gradually expand its design team by attracting and cultivating more local vehicle designers, and continue to stay abreast of the latest trends and insights in areas such as automobiles and fashion. The team is focused on China and is working closely with the rest of GM's global design network to grasp the latest automotive design trends and set new forward-looking benchmarks for future mobility.

WORK ENVIRONMENT IMPROVEMENTS INSPIRING CULTURAL CHANGE

In 2021, GM China began the transformation of its offices, adopting a contemporary new layout and



furnishings. The low-partition design enables a daily working environment characterized by seamless communication and integration, setting the stage for convenient brainstorming and greater inclusion and diversity. It also emphasizes efficiency and creativity. Comfortable open areas and a greater number of meeting rooms have improved daily work. More high-tech hardware such as large screens in meeting rooms is addressing today's requirements for efficient collaboration, videoconferencing and global connectivity.



“My daughter learned so much from the summer internship camp. She made friends, studied and worked with others there. But more important she got a broader vision for her life and thought about the future. School would not have been able to provide this type of experience.”

HENRY ZHOU

*Program Manager
Global Product Programs, GM China*

SUPPORTING EMPLOYEES' CHILDREN

GM China provides employees' children, especially those in senior high school, with an opportunity to attend a summer internship camp. Twenty-five students participated in this week-long activity, walking away with a deeper understanding of daily office work, advanced design and industry technologies. A specific project led by company managers brought them an unusual learning and application experience. By integrating theory and practice, this project broadened their horizons. It showed them the many possibilities for their university majors, enabled them to see firsthand what their parents do, and inspired them to dream big.



SUSTAINABLE VALUE
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CREATING SUSTAINABLE VALUE

By leveraging the resources of its joint ventures and other stakeholders, GM is addressing contemporary concerns and benefiting society while empowering a better future. GM works closely with stakeholders across the entire value chain to seek more sustainable possibilities for the industry, local communities and society overall.





Focusing on Future Generations

GM believes that education is the strongest driver for growth and progress.

CHEVROLET RED CHALK PROGRAM ENTERS ITS 15TH YEAR

The Chevrolet Red Chalk Program was launched in April 2006 with the aim of broadening rural students' horizons while enhancing their teachers' competence through innovative teaching activities. In the space of 15 years, over 1,200 volunteers have been sent to 134 schools in 29 Chinese provinces and municipalities, providing more than 39,000 rural students with courses intended to improve their outlook. The project was ranked eighth on Southern Weekly's Top 50 Brand List (Enterprise List) of China Public Welfare Projects in 2021.

Chevrolet Receives the Most Socially Responsible Brand Award 2021 for the Red Chalk Program

- In April 2021, SAIC-GM launched the Chevrolet Red Chalk Rural Teacher Support Program with the Shanghai Municipal Education Commission and Shanghai Education Development Foundation. It assists and encourages “future dream makers”

who are on the front line educating children in rural areas of China through a combination of online and offline activities. It also promotes the development of new educators, taking advantage of proven resources, along with the balanced development of education.

- The Chevrolet Red Chalk Rural Teacher Support Fund was set up alongside the program to motivate and reward rural teachers. It is funded by a sustainable operating mechanism.
- From July to August, the fourth annual Chevrolet Red Chalk “Journey of Enlightenment” Summer Camp was held in Shanghai, providing 10 students from rural schools where the Chevrolet Red Chalk Program had sent volunteer teachers, along with the students' parents, the chance to enjoy some quality time together.
- In August, Chevrolet hosted the Red Chalk 15th Anniversary Volunteer Salon.
- In December, the results of the Chevrolet Red Chalk Ten Most Beautiful Rural Dream Teachers activity were announced. Each winning teacher received a dream fund of RMB 50,000 from Chevrolet in recognition of their contribution to rural education and to inspire more people to support high-quality rural education.

- In 2021, the Chevrolet Red Chalk Program visited six rural primary schools in six Chinese municipalities and provinces, providing nearly 1,000 rural students interesting courses to help them expand their horizons.

SUPPORTING RURAL PRESCHOOL TEACHER TRAINING

- GM China has supported the China Development Research Foundation (CDRF) One Village One Preschool Program, formerly known as the Village Kindergarten Program, since 2016 to help children from the bottom 20% of impoverished families enjoy equal access to a preschool education.
- In 2021, GM China focused on empowering preschool teachers in the countryside through the sponsorship of their online training. The One Village One Preschool Program invited Jiao Jiao, a researcher from a famous Beijing-based preschool education group, to provide rural volunteer teachers with training they urgently needed from November 20 to December 11. She gave four lectures that benefited more than 2,500 teachers.
- “GM China’s financial support and attention are very helpful for the development of preschool education in western rural areas,” said Cao Yan, deputy head of the CDRF. “We are glad to see its participation, which is improving the quality of preschools in more professional ways based on the previous cooperation.”



GM CHINA: SUPPORTING DISADVANTAGED STUDENTS

- Since 2013, GM China has partnered with the nonprofit organization Shanghai Sunrise to support six students from low-income families every year so that they can complete their schooling. Most of the students have done very well. In 2021, one of the students was admitted to university, entering a new stage of their life.
- In April, three employee volunteers from GM China had lunch with three student representatives during the annual Take Your Student to Lunch event. The GM team members shared their experiences and ideas in an accepting and open atmosphere.
- In November, Wang Yuan, a GM China employee representative, attended the Shanghai Sunrise Pairing Ceremony. She met and became friends with a high school student in Shanghai newly backed by the company.





SAFE KIDS SAFE RIDE PROGRAM

Since its launch in 2014, the Safe Kids Safe Ride program has benefited more than 460,000 children and their parents at over 5,100 preschools in 52 Chinese cities. 2021 marked the eighth year of the program. It will continue to serve preschools and communities, while sharing traffic safety knowledge with even more people online.



GM China received the 2021 Outstanding CSR Program Award for the Safe Kids Safe Ride program at the 11th China Charity Festival.

▪ Authoritative safety seat research report

In June 2021, GM and Safe Kids Worldwide (China) jointly published the latest Research Report on the Understanding About and Use of Child Safety Seats. Based on a sample survey of children and their parents in Beijing, Shanghai and Shenzhen, the report offers scientific guidance and serves as a foundation for the further promotion and targeted development of the Safe Kids Safe Ride program.

▪ Children's safety video

In advance of the start of the 2021 school year, GM China partnered with Safe Kids Worldwide (China) and the Traffic Police Corps of Shanghai's Public Security Bureau to launch a child safety video. Featuring cartoons that are popular with children, the video highlights five key points about traffic safety.

▪ More community activities

An interactive Safe Kids Safe Ride program event for parents and children was held at the Huamu Community Service Center in Shanghai in November. A local traffic police officer explained potential risks on the road, how children can avoid them and how parents can educate their children about safety.

▪ High-quality teacher training

GM promoted the Train the Trainer Program as part of the Safe Kids Safe Ride program in the second half of the year. It visited Shenzhen's Nanshan District, providing online and offline safety training to local kindergarten teachers and community volunteer representatives. By the end of 2021, the project had been implemented at over 200 kindergartens throughout the district and benefited more than 40,000 students.





mentioned that GM plans to invest over \$27 billion in autonomous driving and electrification.

▪ Helping young scholars grow

The GM China Science Lab is helping young scholars grow rapidly through a post-doctoral training program created in partnership with the Tongji University School of Mechanical and Energy Engineering. Dr. Hou Zeran, for example, succeeded in applying for a project backed by the Science Fund for Young Scholars under the National Natural Science Foundation of China (NSFC), thanks to guidance from Professor Min Junying of Tongji University and Dr. Wang Jianfeng from the GM China Science Lab. Dr. Hou's project will use certain low-carbon intelligent manufacturing technologies to make hot-stamped body structural components with ultra-high strength.

"The School of Mechanical and Energy Engineering has been cooperating with the GM China Science Lab for over a decade," said Professor Min, who is also the deputy head of the school. "This has significantly fueled our academic growth in automotive lightweight structure research. The forward-looking, sharp and open ideas on technological innovation from GM have had a profound impact on our automotive lightweight structure research and talent training. We expect our ongoing cooperation to produce more results that will promote new changes in mobility."

PROFESSOR MIN JUNYING

*Vice Dean,
School of Mechanical and
Energy Engineering,
Tongji University*



Transforming our Future Through Innovation

Innovation is the driver of the future of zero crashes, zero emissions and zero congestion. GM is helping to create an innovation-friendly environment and cultivating the next generation of innovators.

▪ Supporting the Global Forum on Scientific and Technological Innovation (GSTIF)

In May 2021, GM's executive vice president and president of GM China attended the Global Forum on Scientific and Technological Innovation (GSTIF). He discussed the four key automotive industry development trends of vehicle sharing, electrification, autonomous driving and connectivity. He said that cross-sector collaboration and integration are musts for the growth of the industry as a whole. He also



▪ **2021 Zero Emissions Camp**

From November to December, GM China hosted the 2021 Zero Emissions Camp with Junior Achievement. The activity created a practical learning experience for local high school students. Students from 7 top Shanghai schools were broken into 10 teams. Based on the theme of “Metal Recycling”, they finished their innovation solutions under the guidance of GM China employee volunteers.

▪ **7th Annual Campus Innovation Communication Workshop (ICCG)**

In March 2021, the seventh annual SAIC-GM Campus Innovation Communication Workshop (ICCG) kicked off at the SAIC-GM Experience Center. With the theme of “Just Electric”, the competition invited university students to develop a blueprint for an “electric” life.

▪ **Evolution & Rebirth Forum with the Beijing Institute of Technology (BIT)**

In July 2021, SAIC-GM hosted the Evolution & Rebirth Forum on intelligent battery-electric vehicle technology with the Beijing Institute of

Technology (BIT). Industry experts and leaders led by Sun Fengchun, a member of the Chinese Academy of Engineering and an authority on new energy vehicles, and Xu Ping, executive vice president of GM’s Pan Asia Technical Automotive Center (PATAC) automotive engineering and design joint venture, were on hand to discuss major electrification trends with teachers and students.

▪ **SAIC-GM memorandum on strategic cooperation with Tongji University**

SAIC-GM signed a memorandum on strategic cooperation with Tongji University. By setting up an endowed teaching position and hosting workshops, SAIC-GM will create more opportunities for the university’s teachers and students to participate in technology research and product design within the company, and provide them with support in areas such as product experience, technical guidance, industry analysis and innovation project incubation.

- **SAIC-GM-Wuling partnership with the Liuzhou Vocational & Technical College**

In July 2021, SAIC-GM-Wuling and the Liuzhou Vocational & Technical College held the opening ceremony for the Intelligent Connected Vehicles Industry College, the Intelligent Vehicles Training Center and the Global Service Training Center. The partners will work together in the key area of intelligent connected vehicles.



Designing for the Environment

General Motors is focused on promoting environmentally friendly behavior in its business and across society.

▪ Planting trees in spring

In March 2021, SAIC-GM-Wuling hosted a tree-planting activity. More than 900 volunteers planted about 6.67 hectares of trees.

▪ Taking environmental responsibility in three ways

Every March, the GM China Campus in Shanghai participates in Earth Hour, a global environmental event. It turns off all lights for one hour. In 2021, GM employees shared their environmental best practices in daily life, encouraging more of their colleagues to support environmental protection through energy conservation.

In April, the GM China Campus cafeteria launched a green initiative on Earth Day, permanently replacing takeaway containers and single-use tableware with products that are biodegradable.

In June, the GM China Campus coffee shop made a green move on World Environment Day, encouraging employees to bring their own cups instead of using paper and plastic cups.

▪ Reusing electronics with AmCham

GM China supported the 2021 American Chamber of Commerce (AmCham) Shanghai Annual E-waste Drive on Earth Day. The GM China Science Lab and IT Department donated more than 300 used and obsolete electronic items, including desktop computers and laptops, mice, headsets,



USB cables and chargers, for recycling and transformation.

▪ 5th China University Student Environmental Innovation Incubation Program

The China University Student Environmental Innovation Incubation Program has been held for five consecutive years. A total of 180 environmental organizations from 137 universities across China have participated. They have showcased 306 projects, effectively promoting the application of green solutions, while increasing public awareness of environmental innovation.

Collaborating in Social Development

By leveraging the resources of their stakeholders, GM China and its joint ventures engage in sustainable social development.

▪ Catering for students with disabilities

In 2021, GM China teamed up with the Shanghai Pudong Special School to cater to a special group of teenagers, including those with cerebral palsy, hearing impairment and intellectual disabilities.

▪ Visit by representatives of other Jinqiao-based companies

On the eve of China's National Day, the CSR Corporate Exchange Day event took place at the GM China Campus in Shanghai. The activity attracted 12 representatives from companies and organizations in the Jinqiao Economic and Technological Development Zone. They discussed hot topics such as carbon neutrality, corporate culture, energy conservation and emissions reduction, and sustainability. They received a tour of GM China's headquarters, which is undergoing a transformation.

▪ Drive to Green library opened in Guizhou

In December 2021, the sixth Drive to Green Future Welfare Library opened at Qianjin Wancheng Primary School in Guizhou's Yanhe Tujia Autonomous County. It was initiated by

SAIC-GM and the China Ecological Civilization Research and Promotion Association with the support of 4,528 families, who collected unused children's books along with eco-friendly paintings to create a better reading environment for 176 children in the mountainous area.

▪ Supporting rural medical care

15 years of assistance in rural medical care

SAIC-GM-Wuling has run the Love Charity Campaign for 15 years to support rural medical care. It has assisted in building 393 Love Charity hospitals in 27 provinces, autonomous regions and municipalities. In addition, it has offered 33 rural and grassroots doctor training sessions, benefiting 3,266 doctors. Furthermore, it has maintained online rural doctor training programs that have benefited more than 3,500 doctors and committed itself to improving medical services in low-income regions.

Wuling Cares

In September 2021, SAIC-GM-Wuling held a charitable event with the Chinese Red Cross Foundation in Henan province. It provided 666 NEVs to the city of Zhengzhou and officially began taking applications for free use. That same month, Sanjiang Dong Autonomous County received donated Wuling vehicles for local mothers and their babies. These vehicles are being used for medical and health care purposes, such as pandemic prevention and control, health education, and charitable activities.

In October, SAIC-GM-Wuling set up Wuling caring service stations in nearly 100 Chinese cities to provide customers of Wuling, Baojun and other brands with vehicle inspection and repair services, drinks, snacks and gifts.





Community Development Impact

By leveraging the resources of all of their stakeholders, GM China and its joint ventures engage in sustainable social development.

▪ Cadillac supports medical research

From 2020 to 2021, Cadillac collaborated with its dealer partners to donate RMB 15 million to each of three national medical research institutes in China. Donation in total reached RMB



45 million.

Additionally, for every vehicle sold, Cadillac donated RMB 100 to support their research projects.

▪ SAIC-GM supports anti-flood efforts in Henan

In 2021, a number of cities in Henan province were hit by extraordinarily



heavy rain. SAIC-GM responded rapidly by offering 10 free services.

At the same time, SAIC-GM donated 10 Chevrolet Blazer SUVs for assistance in the areas hit by the floods.

▪ SAIC-GM-Wuling contributes to global anti-pandemic efforts

In early 2021, SAIC-GM-Wuling acted quickly to provide customers in areas hit the hardest by the pandemic with access to free Wuling face masks. Several months later, it donated



500,000

COVID-19 vaccine doses to Indonesia via the Chinese Red Cross and the Chinese Red Cross Foundation to assist in pandemic prevention and control and vaccination.

