

Good morning, Speaker Lai, Deputy Speaker Guo and fellow councilors.

My team and I came here today to deliver a policy address at the eighth regular meeting, which is the last meeting, of the second session. First, I would like to thank the Tainan City Council for your continuous support and supervision of our administration, so that we could provide municipal services, activate major constructions and make significant progress.

On December 25<sup>th</sup>, 2010, Tainan City and County merged to become a special municipality, which was a historical moment in Tainan's development. We thank the citizens, the city council, and all sectors of the community for your support and cooperation with the city government to build a better Tainan.

In the past 8 years, during Premier Lai's tenure as mayor of Tainan City, he upheld the principle of "the first term, build foundation; the second term, make progress" and led the government team to overcome difficulties with the spirit of "solve the problem instead of explaining it". We gradually started major constructions crucial to urban development so that people can see Tainan's improvement and its transformation. At the same time, we created innovative administrative culture and constructed an incorruptible and capable government, simultaneously developing the six major industries including green energy, biotechnology, quality agriculture, cultural creativity, fashion, and tourism.

In the first four years, we launched the "New Ten Flagship Projects", laying foundation for building Tainan with "overall review of land planning, the rapid transit systematization of public transportation, improved water and flood control, and the upgrade of old industrial areas". In the next four years, we planned the specific constructions of the "New Ten Flagship Projects" on the foundations established in the first four years. We further linked the projects with the central government's forward-looking infrastructure, actively developing concrete construction projects and striving for forward-looking construction funds, gradually realizing the four visions of

Tainan—a city of culture, a city of tourist paradise, a low carbon city, and a smart city.

The government team promotes public constructions in a down-to-earth manner, which has been widely acknowledged. In the past 8 years, the city government has had 263 domestic and international awards and 2,179 good evaluation results, including 1,494 first place, excellent performance, outstanding awards and good performance. This is a demonstration of the government's outstanding execution in carrying out policy measures.

As to the achievements from 2015 to May this year, please refer to the written report. During the past eight years after Tainan became a special municipality, we have made ten main accomplishments:

1. Demonstrate outstanding execution with honesty and diligence.

Upholding the principles of “meritocracy—the right person in the right place” and “cultivate your own talents”, we implemented the country's first “Training System of Reserve District Executives” to establish a model of civil service training. We have finished 5 courses and have assigned 32 district executives. At the same time, we set up the public principal selection of primary and secondary schools and the promotion systems of school officers, nurses, and dietitians. Since 2012, we have also carried out the Unified Enrollment Examination of “Contract Employees and Temporary Workers” to provide the capable with an opportunity for fair competition and perfect the human resources mechanism. Moreover, we have an outstanding performance in innovative civil service training. Apart from receiving the 2015 Best HRD Practice of the Global HRD Awards of IFTDO (International Federation of Training and Development Organizations), Tainan is also the only city in Taiwan that has been awarded the gold medal of TTQS (Talent Quality-management System) for 6 consecutive years. In addition, the Civil Service Development Institute received the 2016 National Talent Development Awards, making it the first and only one in the country.

Sustainable financial development is the foundation of urban construction. Based

on the spirit of “zero-based budgeting”, the city government adheres to the three major principles of budgeting—A penny saved is a penny earned; spend only on the necessities; maintain fiscal discipline. We carry out the policy of reducing expenditure through budget planning and implementation. The measures include revitalizing 122 idle city assets to reduce the purchase of office space and property by about 6.745 billion NT dollars; cutting the current budget (by 10% in 2011 and 20% in 2013); consolidating organizations and streamlining manpower; stopping holding unnecessary activities, eliminating unnecessary plans, canceling the fireworks display on New Year’s Eve, prioritizing major policies, establishing an online announcement mechanism of small value procurement, and re-examining non-statutory projects, etc.

At the same time, we carry out the policy of increasing revenues to increase financial resources and promote taxation. We actively attract public investment in public constructions, and up until June this year we have signed 24 contracts with a total investment amount of about 30.1 billion dollars. Working hard to “reduce expenditure before increasing revenues”, we have been cutting the budget deficit year after year. We had a budget surplus in 2015, the first time in 16 years, and we have also maintained a budget surplus in the next two years (2.081 billion in 2015, 33 million in 2016, and 3.171 billion in 2017). Moreover, the total budget for 2018 has reached a break-even point for the first time, without debt financing. Up until the end of 2017, the remaining debt is 83.2 billion dollars, which is 17.5 billion less than the 100.7 billion after the merge. At the same time, the debt limit has been increased significantly, from 0 dollars to 65.7 billion dollars.

We construct an incorruptible and capable government to meet the basic requirements of “integrity”. Apart from carrying out anti-corruption projects such as job rotation and the sunshine law, since 2013 we have been promoting the “Anti-corruption Trilogy, holding the Symposium of Anti-corruption Foundation Projects, Performance Bond Symposium, and Anti-corruption Practice Symposium”, so that junior civil servants and companies can develop the concept of the rule of law. Up until now, we have held 125 anti-corruption symposiums.

In 2015, when Premier Lai was mayor of Tainan City, he promoted the “Open Government” with the three major principles of “Transparency, Participation, and Public-Private Partnership”, reflecting the democratic values of public participation. The “Tainan City Government Open Data Platform” was created by the international mainstream open-source software CKAN and directly connects with the global world. Having more than 3.64 million visits and using open data in smart applications such as the prevention and treatment of dengue fever and the bird flu epidemic, and the disaster relief of the 0206 Tainan Earthquake, it has been highly praised by institutions such as the Open Knowledge Foundation. In 2013, the Tainan City Road Excavation Inspection and Reporting System was developed and has been continuously updated according to service needs. Since April 2015, the country’s first “OPEN Tainan 1999 Innovative Smart Application” has provided diverse reporting systems and made public its application programming interface, improving service quality through public-private partnership. It has received the “2017 Smart City Innovative Applications Award” and the first “Government Service Award”.

Open decision demonstrates the citizens’ power. Through democratic deliberation, we have promoted the “Open Decision of Feiyan New Village Urban Renewal Plan” and the “Open Decision of the New City Hall Site Selection” and held the country’s first district forums to listen to public opinion and address their difficulties. In the past 8 years, we have held 95 forums, closing 4,896 cases out of 5,075 with a clearance rate of 96.47%.

In terms of improving service quality, we promote the spirit of serving the people through award mechanisms performing its three functions—serve the people, stabilize the society, and build the country. Throughout these years the government has received 11 “Government Service Quality Awards”, and has won more awards in the 2018 first “Government Service Award” than any other local government. In the 2018 overall competitiveness survey of Global Views Monthly, Tainan’s ranking has moved up 2 places among the six major cities and 4 places in the 19 cities and counties, receiving the Best Improvement Award.

## 2. Attract investment and build a Greater Tainan.

We implement the core value of governance—People’s livelihood is the first priority. The city government established a business investment service center as a single window to attract investment. To help resolve investment problems, we held monthly investment committee meetings to track investment projects of over 200 million dollars. Apart from the TSMC investment projects of 3 Nano Factory and 5 Nano Factory at the Southern Taiwan Science Park, with a total amount of 1.1 trillion dollars and 11 thousand job opportunities, we have monitored 60 investment projects with a total investment amount of 153.3 billion dollars. In the past 8 years, we have attracted 2,160 investments with a total amount of 931.7 billion dollars, an annual production value of 1 trillion 674.8 billion dollars and an estimated number of 103,523 employees. The Greater Tainan Expo & Convention Center (including the arena) will start its construction in September this year and is scheduled to finish in January, 2021. It is estimated to provide 2,780 job opportunities and will become the industry exchange platform of southern Taiwan.

We strive for central government funds and work with the public to create a good investment environment. We invested 379 million dollars in the improvement of existing old industrial areas, including 29.7 km of road, 24.9 km of drainage system and 2 new service centers. We have attracted 297 more companies with a total investment amount of 11.8 billion and 3,831 job opportunities.

As for industrial zone development, 103 companies have been stationed from zone 1 to 4 at Sin Ji Industrial Park, Taiwan’s first industrial zone with zero wastewater discharge. It has sold 46.52 hectares, with an average sell rate of 78%, and the service center building construction will be finished at the end of the year. The detailed plan of Cigu Technology Industrial Park has been sent to the Ministry of the Interior for examination. The Madou Industrial Zone Land Readjustment Project started its construction on May 31<sup>st</sup>, 2018. Activated in 2016, Shalun Green Energy Science Park is one of the government’s flagship projects. The “Green Energy Technology Policy

and Research and Development Center”, the “Green Energy Technology Demonstration Area” and the “Autonomous Car Test Field”, which could become a new “engine” of technology, started their construction in March this year. Moreover, we continue to promote the orchid industry, developing the land of the fourth and fifth phase of the Taiwan Orchid Plantation. Orchid companies have increased from 57 before the merger to 83.

We promote industrial and commercial development, increasing employment rate. In the past 8 years, the factories, companies and businesses in Tainan has increased by an average rate of 16%, and tourism factories have increased from 3 to 24, accounting for 17% in Taiwan, which is higher than any other city. The number of visitors has exceeded 1 million, with a turnover of 570 million.

We help citizens find jobs and companies find employees. Every year, we hold 4 large-scale, 2 medium-scale and more than 300 small-scale job fairs, attracting almost 20,000 people every year. The city’s unemployment rate fell from 5.2% before the merger to 3.8% at the end of 2017, and the labor force participation rate increased from 59.4% to 61.5%. We also increase the employees’ competence by organizing courses such as orientation training, on-the-job training and training centers. From 2011 to 2017, Tainan has been awarded the gold medal of TTQS (Talent Quality-management System), making it the only public sector to receive the gold medal for 7 consecutive years.

In terms of youth entrepreneurship, we launched the first government maker base combining Co-working Space & Maker Space—Tainan Digital Creative Park (TDCP). Its TDCP Academy has held more than 769 activities, with more than 9,000 students. It has coached 84 groups, including entrepreneurial-oriented and community management-oriented teams, and it further connects with the AI robot base of Southern Taiwan Science Park to cultivate youth entrepreneurs. The dream-come-true youth entrepreneur base Big O<sub>2</sub>, founded on September 19<sup>th</sup>, 2015, now has 6 youth entrepreneur companies stationed in independent offices and 3 youth entrepreneurs

renting co-working spaces. It has also held 54 courses and lectures with about 1,463 participants.

Tainan is a major agricultural city. Promoting the “New Farmer, New Farm, New Agriculture” policy, we have increased the agricultural production value from 42.9 billion in 2010 to 62.4 billion in 2017. We have recruited 1,040 new farmers, 104 of whom have an annual income of more than 1 million. 80 communities in Tainan have been included in the Rural Rejuvenation Project, which is more than the other five municipalities. We have reduced fallow land from 50,000 hectares to 16,000 hectares, with a rejuvenation rate of 68%. We increase the international competence of the orchid industry by holding the annual Taiwan International Orchid Show, which has attracted more than 1.97 million visitors, and the export orders in the next 3 to 5 years amount to 74.334 billion. We also established the Taiwan Orchid Varieties Commercial Center (TOVCC), integrating Taiwan’s orchid breeding energy and setting Taiwan’s exclusive variety certification standards. In addition, we signed the memorandum of understanding on “Revitalization of Smart New Agriculture in the Sabei Area” with National Cheng Kung University to establish the “Smart Agriculture Research Center” and the “Orchid Biotechnology and Biological Resource Center”. Taikang JSM Green Field ROT, which started running in September, 2015, saves an annual cost of 409,000 dollars, and has an annual income of royalties of 320,000 dollars and an annual income of land rental of 114,000 dollars, with a total number of 48,048 visitors.

### 3. Balance different regions to achieve co-prosperity.

Urban and rural areas coexist on the great land of Tainan. Through the preparation of major public constructions on the basis of balanced regional development, we strive for central government funds to work towards the goal of co-prosperity of different regions.

Regarding the Freeway/Expressway Network, we have completed Provincial Highway 86 and 84, Liouying and Dawan Interchange, Provincial Highway 61, Rende

Interchange, Taijiang Boulevard, and the 2<sup>nd</sup> phase of the Sinhua District HSR Shalun Station Access Road construction. We also expect to finish the city's fourth east-west express arterial road—Tainan Metropolis North Outer Ring Road by the end of 2021, as the new transportation route to link the industrial zones. Also, to ensure better access to Anping area, we have started to plan the construction of the bridge connecting the Anping fishing port and commercial port.

A complete public transportation system is the perfect means to shorten the distance between urban and rural areas. Since 2013, we have been promoting the rapid transit systematization of public transportation, providing 6 main bus routes and 112 bus routes spread across 37 districts. In 2017, there were a total of 20.58 million passenger counts, which is a 175% increase compared to 2010. We have also planned the blue line, green line and red line priority road network of the advanced transportation system, which is the last mile to complete Tainan's public transportation system.

We have been actively promoting the development of transfer stations since 2014, and 9 in 17 have been completed. The "Sinying District Transfer Station", whose groundbreaking ceremony was held on February 13<sup>th</sup> this year, is scheduled to finish in March, 2019. It symbolizes that Sinying's transportation and urban development have reached a new milestone. And "Tainan Transfer Station", located in the former Tainan Arsenal Factory in North District, started its construction on February 24<sup>th</sup> and is scheduled to be finished in 2019. We are striving for central government funds for Rende District Transfer Station; Heshun Transfer Station is in the process of basic design, and we are attracting investments for Kaiyuan Transportation Center.

The Railway Underground Project started its construction on March 15<sup>th</sup>, 2017, which is a major step forward in history. We will improve 9 level crossings, 8 underpasses and 5 land bridges, and add two new stations—Linsen Station and Southern Tainan Station, in order to promote railway rapid transit systematization. The professional Residential Care Project was completed in February, and since March 15<sup>th</sup>,

the houses have been handed over to 112 households, fulfilling the promise of “relocate first and demolish later”. As for the “Extension Project of the Tainan Railroad Grade Separation Project to Shanhua”, which will be linked to the Tainan railway underground constructions, its feasibility study has been approved.

We promote land development, carrying out 15 land development projects since the merger with a surplus of about 28.392 billion dollars. Moreover, the zone expropriation for the Chinatown and Canal Nova Project, the zone expropriation for Yongkang Artillery School, the zone expropriation for Yanxing Junior High School, the sixth phase of the Jhangsheng Camp Land Readjustment Project, the Yongkang Logistics and Transshipment Zone Land Readjustment Project, and the Madou Industrial Zone Land Readjustment Project will be finished in the next 3 years, bringing profit to the government.

Regarding the improvement of regional infrastructure, we increase the penetration rate of tap water in rural areas, benefiting 809 households, with a penetration rate of 99.09%. In the past 8 years, we have invested 4.53 billion dollars in the improvement of farm roads, canals and waterways in land readjustment zones and non-land readjustment zones, which is more than any other city. We also spent 254 million dollars on the fishing port construction. We have completed 67,543 meters of the living sphere road system, 125 km of road construction, 53 bridge constructions, 171 km of the road-smoothing project and, about 700 km of the road improvement construction.

As for landscape construction, the Yuejin Harbor Improvement Project has a total funding amount of 847 million dollars. The project includes the Yuejin Harbor Water Environment Improvement Project and the Sinying-Yanshuei City Heart Construction Project. We will establish 2 core areas in Northern Tainan to balance up the prosperity between northern and southern Tainan and reach a balanced development between urban and rural areas. The right bank landscape of the Jhu River Green Gallery Project was finished on July 16<sup>th</sup> this year, and the water treatment plant and the left bank landscape are under construction. The Haiian Road Landscape Design Plan will be

finished in August, and the Hainan Art Avenue Landscape Art Project and the Suehirochō Landscape Art Project are scheduled to open on August 18<sup>th</sup>. In 2011, we activated the “One District, One Park” project to build a beautiful city of gardens, creating parks larger than a hectare in 15 districts. Among those, Pinshi Park received the 2017 FIABCI-Taiwan Real Estate Excellence Awards in the Best Environmental Culture category. We also finished 66 parks with a total area of 57.9157 hectares. There are 471 parks in Tainan, with a total area of 651 hectares. We promote the Sustainable Regeneration Plan of Tainan Park so that this century-old park can readily embrace the next one-hundred years. We promote canal cruises, which officially set sail on December 18<sup>th</sup>, 2017, and the number of passengers has exceeded 7,000. We planned the Elegant New Tainan Project, which includes 45 work assignments such as improving the entrance image of tourist attractions, community greening, high quality public toilet project and barrier-free pedestrian area, all of which were aimed to build a beautiful cityscape. We promoted the Pedestrian Sidewalk Free-flowing Project, having completed 80 sections spanning 19 districts over the past 6 years, with a total length of 33.2 km. The goal of “pedestrians walk safely, stores make money” has thus been achieved.

#### 4. Promote public welfare to build a warm Tainan.

We build an age-friendly and healthy city, establishing 370 community care centers, 80 eldergartens and 40 day care centers, which are more than any other city. In 2016, we reached the new milestone of Long-term Care 2.0, opening 37 tier A Community integrated service centers to provide the elderly with holistic health care. In the past 8 years, 12,229 people have received long-term care, with a total of 6,884,757 counts.

We prompt medical care in remote areas and the mobile hospital, running 870 service activities with more than 235,000 participants in the past 8 years. We provide pneumococcal vaccine for people over 65 years old for free. A total of 97,315 people have received the vaccine, and the Invasive Pneumococcal Disease infection rate

decreased significantly by 48.4%. We fit complete removable dentures for people over 65 years old and indigenous citizens over 55 years old, and 61,567 cases have been approved. We build a comprehensive healthy city, increasing life expectancy by 1.32 years after the merger, which is longer than the other five municipalities. For this, we have received domestic and international awards more than any other city.

In response to sub-replacement fertility, we provide maternity grant, nursery subsidies, and childcare allowance, establish community-based public nurseries and promote affordable childcare policies, founding public preschools. Starting from 2017, the preschool education vouchers for children from 2 to 4 years old have increased to 30,000 dollars per academic year. This year, the city government started the trial of the country's first "Private Preschool Subsidies Policy" in order to relieve the burden of parents and encourage childbirth, demonstrating that the government and the family share the childcare responsibility.

We combine the power of the general public to harness the energy of "kindness". Since the merger, we have had 1,398 voluntary service teams and 55,969 volunteers, each of which provided service for 286.81 hours in 2017, which is more than the other five municipalities. Our volunteers have provided service for a total of 520,000 hours. We also work with charitable groups from 37 districts to take care of disadvantaged groups, helping 219,448 disadvantaged families. Furthermore, Tainan has 144 small rehabuses, three times more than the 30 vehicles before it became a special municipality. Also, in the past 8 years, we have received 97 ambulances donated by the people and planned 12 social welfare centers (10 have been established) to provide integrated community service.

Holding the principles of transparency and making good use of funds, we have listed 56 projects and approved 2 billion 554.94 million dollars for the 0206 Tainan Earthquake. For the Happiness Building, Dajhih Market and the Weiguan Building, which were most seriously damaged, we provide 100% subsidy for the demolition and reconstruction. The reconstructions started in 2017 and are scheduled to finish in 2020.

We have finished the geological improvement and the jack-raising of 95 buildings (with 930 households) damaged due to soil liquefaction. We have repaired 560 dilapidated buildings. From 2017 to 2019, we will also spend 3 billion 124.55 million dollars on the restoration and reconstruction of 204 school buildings. Furthermore, the “One Family, One Case, Full Company” program has also continued to provide support and assistance in life, mental health, schooling, employment, competence, and referral services.

## 5. Build a cultural capital full of diversity.

The greatness of a city lies not in the towering buildings. Only its cultural and historical heritage will be remembered. We implement the country’s first plan for historical district empowerment and old house subsidy policy, announcing the “Yanshuei Historical District Project” as the first historical district of Taiwan in 2015 and “Tainan Historical District Project” as the city’s largest historical district in 2017. The Ministry of Culture followed suit and carried out the Conservation and Regeneration Plan of Historic Buildings in 2018. A total of 66 old houses were repaired, and a total of 137 private housing subsidies were approved, with a subsidy of 23 million dollars, and a private investment of 140 million dollars.

On March 19<sup>th</sup> 2018, we activated the country’s first preventive archaeological center—Tainan Archaeological Center. In the past 8 years, we have designated 139 historic monuments, registered 66 historic buildings and hung up the plates of 20 former residences.

We respect diverse ethnic cultures and pass down our languages to the next generation. From children, students to adults, we satisfy the needs of indigenous peoples to learn their native language. The indigenous students in Tainan City have had the highest passing rate of the mother language certification for 13 consecutive years. 2,607 people from 50 preschools have participated in the promotion of the Hakka language, and the city government has held 34 basic Hakka courses and certification

courses with 1,013 participants, 292 of which passed the Hakka language certification. To revive the Siraya language, we include language courses in the city's education system, holding 42 classes in 18 schools.

We support the Siraya name rectification movement. On August 17<sup>th</sup>, 2017, the Executive Yuan passed the draft revision of the "Status Act for Indigenous Peoples". On May 4<sup>th</sup>, 2018, the Supreme Administrative Court heard the appeal of the administrative litigation of the Siraya's aboriginal identity, reversed the original judgment and sent the case back to the High Administrative Court, so that the Siraya name rectification movement is finally recognized by both administrative and judicial institutions. In 2017, to further promote the policy of mainstreaming ethnic groups, the city government issued the "Tainan City Ethnic Mainstreaming Policy Implementation Guidelines" and the "Establishment Directions for the Tainan City Government Ethnic Mainstreaming Promotion Committee" respectively, recognizing the subjectivity of different ethnic groups and constructing an ideal environment for their sustainable development. Moreover, we promote the nation's first "N-in-one Window for Indigenous People to Change Back to Their Traditional Names", highlighting the cultural capital's respect for diverse ethnic groups.

As a city of culture, we promote art and cultural education. Since 2012, we have held annually the most international and the most local Tainan Arts Festival, with a total of 885 shows and more than 360,000 spectators in the 7 years. In the past 8 years, "Arts to District" has held 214 shows with over 150,000 spectators, going deep into the districts. Between 2011 and 2017, the biennial Nanying International Folklore Festival has invited performance groups from 24 countries across 5 continents to Tainan, so that the number of spectators has grown from 9.338 million in 2011 to 21.781 million in 2017.

We also support cultural construction. Among the five cultural parks, Tavocan Cultural Park and Tapani Park have been completed and opened, and Tsailiao Fossil Cultural Park, Chihkan Cultural Park and Shuijiaoshe Cultural Park are under

construction. We completed the 5-year plan of Xinying Art Park, forming the art and cultural core of Chianan Plain. The iconic and highly anticipated Tainan Art Museum will not only open officially at the end of the year but is also the first museum in Taiwan to operate as an administrative legal person institution, becoming the pioneer of administrative institutions established by the local government. Taijiang Cultural Center, the first cultural center established by the local government, combining the three functions of culture, education and community development, and establishing a model of community participation in cultural construction, will also be completed in November this year. The Shanshang Garden and Waterworks Museum, which creates a humanistic eco-city garden, is expected to complete the restoration project by the end of 2018. The New Main Building of Tainan Municipal Library, which is the “new world of humanities in the industrial city and the new oasis of knowledge in the ancient capital of culture”, will be completed in January 2020. These major cultural constructions not only enrich the city’s inner qualities but also realize the ideal of building Tainan as a city of culture.

## 6. Build Tainan as a low carbon green city.

Green Technology is the global trend of energy development. Tainan is uniquely endowed with the advantages of high solar irradiance and sunshine hours, giving it the potential to use solar energy. In 2011, we activated the “Tainan Solar City Project,” and up until June this year, it has received 4,950 successful applications, with a total installed capacity of over 511 MW and an annual electricity generation of over 660 million kWh, which is about the annual electricity generation of 2.4 Zengwen hydroelectric power stations. It can reduce about 350,000 tons of carbon a year, which equals the amount reduced by the 1,076 parks in Tainan, exceeding all the other cities. It also won the gold in the “Low Carbon Model Towns” category of the third APEC Energy Smart Communities Initiative (ESCI) Best Practices selection.

In addition, on June 1<sup>st</sup>, 2018, the city government activated Taiwan’s first indoor aquafarm cum power plant. The nation’s biggest floating solar installation, located in

the Public Detention Ponds 1 and 2 at the junction of the three districts of Anding, Shanhua and Sinshih, also started the test run in April this year. At the same time, Liouke the country's biggest floating solar installation in industrial zones was completed in Liouke Detention Pond. We established the public bicycle system, setting up 55 T-Bike rental stations with a dual function of commuting and recreation. There are 1,520 T-Bikes in total and more than 1.2 million user counts, demonstrating Tainan's resolution to build a green and sustainable low carbon city.

We carry out the low carbon life, taking an unprecedented step in adopting the "Tainan City Self-Government Ordinance for a Low-Carbon City" in 2012, cooperating with the central government to carry out air pollution control. In 2014, the city government promoted the Blue Sky Project Action Plan, Taiwan's first inter-office project to reduce suspended particulates, formulating 25 action strategies to strictly control the city's air pollution sources. After more than three years of implementation and review, in 2017 it expanded to 50 actions plans with 9 major aspects, and it has reduced 7.48 million metric tons of CO<sub>2</sub> in the past 8 years. Additionally, the PM<sub>2.5</sub> concentration has been greatly improved by 37% in the past 10 years. The average annual concentration of PM<sub>2.5</sub> has decreased from 36.7µg/m<sup>3</sup> in 2011 to 25µg/m<sup>3</sup> in 2017, with an improvement rate of 32%. In May, 2018, the average concentration of PM<sub>2.5</sub> decreased to 17µg/m<sup>3</sup>, which is a new low for this month. From 2015 to 2017, the annual average and daily average concentration of PM<sub>10</sub> were lower than the air quality standard, and in 2018 Tainan was announced a Class 2 control region that has met air quality standards.

We set up the Incinerator Bottom Ash (IBA) Reuse Plant, promote the reuse of idle public landfill sites, carry out the solar city project, and use recycled aggregates as building materials. The bricks are made by blending 20% of recycled aggregates and used in the pavement of Chengsi phase zero Solar Photovoltaic Power Plant, allowing the IBA to become an eco-friendly resource. Taking into account both the environment and green energy, we promote the Mercury Lamp Sunset Plan, replacing mercury street lamps with LED street lamps. We finished changing 142,000 street lamps in 2015,

making Tainan the first city in Taiwan to complete the replacement. We continue to promote the elimination of two-stroke motorcycles, discarding 330,000 used bikes since 2012. We assist in the replacement of oil-fired boilers, substituting 66 industrial boilers with natural gas boilers, and out of the 56 applications to substitute commercial boilers, 23 have been completed. We give Chengsi Landfill a new life by developing the solar photovoltaic system, with an estimated revenue of 7 million dollars every year, which equals the annual CO<sub>2</sub> reduction amount of 3.2 Tainan Parks.

The sewerage system construction is an indicator of urban development. Since the merger, we have invested about 10.1 billion dollars in construction (about 1.3 billion every year), completing 6 water recycling centers including Anping, Huweiliao, Liouying, Guantian, Rende and Yanshuei BOT, Annan District, which can handle up to 181,500 CMD of wastewater. In 2017, Yongkang Wastewater Treatment Plant was officially approved by the Executive Yuan to upgrade to the water reclamation plant, which is the first in the country to provide for high-tech parks and solves the problem of water shortage in Tainan City. After the merger, it has taken over 128,000 households, which is 200% more than before, and the penetration rate has increased from 8.48% to 18.67%.

## 7. Create a smart city of technology.

We also combined new smart technology with traditional culture. Since the merger, the city government has been promoting the “New Ten Flagship Projects—Smart City Project in Greater Tainan”. Since 2015, we have been promoting the 4G Smart City Project, combining the power of academia and industries to make progress in six areas including smart transportation, smart education, smart tourism, smart medical treatment, smart disaster prevention and operation management center. We build a smart city that “solves problems for the citizens instead of developing technology just for the sake of it”, and this effort has been acknowledged both in Taiwan and abroad. Last year, Tainan participated in the Intelligent Community Forum for the first time and entered the Top21 of the Intelligent Communities of the Year. This

year, we have made new progress and have entered the Top7 Intelligent Communities of 2018.

In terms of smart transportation, we plan the Tainan Smart Transportation Center based on the structures of smart public transportation, smart traffic control, smart parking management, smart vehicle sharing and smart cloud platform. It is scheduled to be completed by the end of October this year. Tainan takes an unprecedented step in installing QR code virtual smart bus stops and Beacon Bluetooth reporting system at almost 4,000 bus stops and in completing free Wi-Fi installation at 1,600 intersections. In 2018, Smart T-Bike system, Taiwan's first public bicycle system with the Internet of Vehicles, was officially activated. In addition, 65 "off-street parking lots" including Haian Road Underground Parking Lot and Dasyue Road Parking Lot were completed, and the nation's first "Smart Roadside Parking Billing System" enables citizens to enjoy the highly efficient smart city applications. We complete the priority signal for the six main bus routes and improve punctuality and speed, increasing the passenger usage rate.

As for smart education, the wireless network coverage rate of the classrooms of 271 primary and secondary schools has reached 85%, creating the first "Green Data Center" in Taiwan and in the Asia-Pacific region, achieving the goals of teaching resource sharing, energy saving and carbon reduction. The Industrial Technology Research Institute (ITRI) developed the "CloudPlay for Education Video Platform", combining it with Qualcomm's "Wireless Reach" program, and Tainan's CloudPlay for Education Project was the first in Taiwan to be selected.

Regarding smart tourism, we launched the Tour Tainan APP in 2013, providing nearly 8,000 tourist information results and transportation inquiry function. In 2015, we integrated the information of all the legal hotels and B&Bs, setting up the "Tainan Hotels" website.

As for smart medical treatment, we have established the cloud smart health service

system, with 300 healthy community services bases, from which a total of 25,985 citizens have benefited. In terms of smart disaster prevention, for important water level locations, we set up 27 image stations, 23 rainfall stations, and 77 regional drainage water level stations, along with the flood control warning system so that we could grasp the current situation. Tainan Water Information App includes information such as the real-time monitoring of rainfall, river water level, and mudflow and river conditions. We developed 15 sets of 4G broadband wearable image device to improve disaster prevention.

Smart Technology is integrated into the citizens' daily life. Tainan City has established 19,000 beacons and 3,187 Wi-Fi hotspots, with 126,226 members. Up until the end of 2017, the app has been downloaded 1.033 million times. 562,153 citizen cards, which provide "electronic payment" service to facilitate smart living, have been issued.

## 8. Build Tainan as an international tourist paradise.

Tainan's unique cultural customs, natural scenery and urban heritage have successfully shaped the city's brand image as a "Tourist Paradise". The number of tourists has increased from 19.14 million in 2010 to 23.27 million in 2017.

After 3 years of hard work, the country's first legal tourist area—Tainan Two-fort Zone set a new milestone in Tainan's tourism development in 2016. Now there are 220 legal B&Bs in Tainan, 134 of which are located in tourist areas.

"Tainan Double-decker Bus" started its operation on February 10<sup>th</sup>, bringing tourists a whole new sensation. We adopted the nation's first Tourism Raft Self-governance Articles, successfully leading 21 rafts from 3 companies to operate legally. We planned two hot spring areas, Guanziling and Gueidan, helping all the hot spring companies obtain the hot spring label. We also combine local elements to promote Taiwan's No.1 city with high-quality hot springs, successfully creating a brand of Tainan. The number of tourists of Guanziling Hot Spring exceeded one million in 2016

and reached 1.31 million in 2017. It is the 2018 champion of the “Taiwan Top 10 Hot Springs Awards” by the Tourism Bureau and the representative of the southern area.

“Summer High Party”, which integrates the major summer activities of Tainan, features marketing videos employing creative techniques. Related events include the Cigu Seafood Festival and the Summer Music Festival—Jiangjyun Roar, providing clam digging experience, local travel, food banquets and music performances, all of which aim to promote coastal tourism industry. Combining with the music industry, Taiwan’s first show case music festival—the 2017 Tainan City Music Festival held 10 forums and had 35 professionals from more than 10 countries and 50 bands participating in the event. The one and only Tainan New Year’s Eve festivities include watching the last sunset at Jingzijiao, Beimen District, the countdown party, watching the first sunrise at Erliao, and a flag-raising ceremony and a hiking activity at Hu-Tou Pei on the first day of 2018. Hundreds of thousands of people participate in the festivities every year.

Taiwan’s most magical Yuejin Lantern Festival has become a large-scale cultural event not to be missed during the Chinese New Year, attracting more than 2.5 million visitors in the past 8 years. The Yanshuei Beehive Fireworks, one of the three major folk festivals in the world and also the only Asian festival in the “Ten Best International Festivals” by Australian magazine *Get Lost*, attracts tourists from all over the world every year.

Since 2013, we have started providing service for three international routes including “Tainan-Hong Kong”, “Tainan-Osaka” and “Tainan-Ho Chi Minh City”, integrating Tainan into the international community and opening the city’s diplomatic portal. The average boarding rate in the past 6 months is over 70%, and the total number of passengers is over 470,000. In addition, we redesigned and expanded the “Tainan Travel Website” in 2016, and provide foreigners with the 24-hour “Tainan visitor info” LINE service, which includes Chinese, English, Japanese and Vietnamese language.

In respect of tourism construction, the structural work of B1-B3 and 1F-12F of the West Central District Jiansing Section Business 4-1 Development Project was completed on May 29<sup>th</sup>, 2018, and the “Construction of the 12F Top Floor Project” is underway. The BOT Case of Anping Waterscape Park and Surrounding Land successfully finished the investment process on April 7<sup>th</sup>, 2017, and is scheduled to start the construction on May 1<sup>st</sup>, 2019. In 50 years, it is expected to have an income of land rental of 300 million dollars, an income of house tax of 280 million dollars, and an income of royalties of 800 million dollars. In July 2018, the comprehensive review meeting of the selection committee was held for the BOT case of Hu-Tou Pei Lakeside Hotel. The best applicant for this case has been selected. The investment process of this future international resort center will be completed before the end of the year. Anping Port, which promotes the development strategy “Tourism in the North and Free Trade in the South”, is invested and developed by Argo Yacht Club, which introduces Banyan Tree of Singapore to create the largest international-level coastal resort hotel. It plans to design a 500-meter waterfront recreation trail to create a new highlight in the coastal area.

We expand city diplomacy, participating in international affairs to increase the city’s international visibility. After the merger, we have signed friendship exchange agreements with 11 cities from the United States, Japan, Australia and Austria, demonstrating the diplomatic power of Tainan. 28 Sister Cities, Friendly Cities and international cities visited Tainan, coming from the United States, Japan, the Netherlands, Austria, Malaysia and Korea. We in turn visited 23 cities in the United States, Israel, Korea, Japan, Malaysia, Indonesia and Singapore. We also participated in the Global Mayors Forum, the ICLEI Resilient Cities, the World Orchid Conference, the UN Climate Summit, the World Cities Summit and the League of Historical Cities, increasing the international visibility of Tainan.

## 9. Build a safe and livable Tainan.

Safety is the basic condition of urban development. We do our best to fight crime,

putting equal emphasis on prevention and treatment. With care, counseling, and assistance, we gradually improve the problem of street racing in Tainan City, reducing the number of street racers from 263 to 0. In the past 8 years, in order to build the city's public security network, we have established new monitoring systems in 795 places, with 10,314 security cameras.

We improve road safety, cracking down on major traffic violations, dangerous driving and drunk driving, and carry out the illegal parking zero tolerance project to reduce traffic accidents. Compared to 2014 (before the project), traffic accidents with casualties in 2017 has reduced by more than 20%. We increase parking spaces. Up until the second quarter of 2018, there have been a total number of 109,523 parking spaces, which is 49,062 more than that in 2011, with an increase of 81%.

To improve the efficiency of food safety inspection, we set up the Laboratory Division in the Public Health Bureau on January 1<sup>st</sup> this year, ensuring food safety. We start from expanding the scope of inspection. The self-executed inspection items have reached 916 in 88 categories, which is more than 3.5 times higher than the 260 items in 2011. We also expand the scope of cooperation, establishing inter-office collaboration with the Agriculture Bureau, the Finance and Local Tax Bureau, the Police Department, the Bureau of Education and the Water Resource Bureau, providing diverse inspection services. We guarantee inspection quality. Passing the certification of 383 items in 5 categories of TAF and 696 items in 24 categories of TFDA, the quality conforms to international standards. We have obtained perfect scores from the inspection of the central government for 7 consecutive years.

In the prevention and control of drug use, we work with the third-party police force to sweep drug-related areas, and each officer's improvement in drug enforcement and performance is the first in the six municipalities. With the highest total score in the country, Tainan won the gold medal of the "2017 National Drug Prevention and Control Awards". According to the survey of Public Security Satisfaction, Tainan ranked number one among the six municipalities in all the 8 indicators. We construct a "Public

Friendly Reporting System”, working with the citizens to create a drug free community.

We build a safe campus. In the past 8 years, we have approved 415 school requests for safety systems, including security cameras, electronic fences, and the police-citizen on-line system. We have also established the campus security notification operation mechanism, solving criminal cases with a total of 1,054 teenager counts involved. We also build 64 disaster prevention campuses.

We establish the Labor Standards Inspection Center specialized in working conditions, occupational safety and health inspection to ensure labor safety. We carry out the plan of “Public Supervision of Public Works”, completing 100% of the projects. Since 2012, we have received the outstanding award from the Public Construction Committee, Executive Yuan for 6 consecutive years. We implement water quality monitoring and river and marine pollution audit and inspection, working with schools and community volunteers to rectify rivers. The length of the heavily polluted rivers in Tainan has been shortened from 66.3 km in 2011 to 43.5 km in 2017.

As for epidemic prevention, we work with the central government on the prevention and treatment of dengue fever. Up until 2017, there haven’t been local confirmed cases for 20 years. We combine the power of academia and business and use smart technology to improve the effect of epidemic prevention, using the “Tainan City Dengue Fever Geographic Information System” (GIS) to visually target high-risk areas of vector mosquitoes, “The Mosquito Man APP” as a means for citizens to report dirty areas, and the “Smart Mosquito Lamp” to analyze mosquito breeding grounds. In response to the bird flu epidemic, we advocate biosafety and carry out inspection work in poultry farms. The bird flu epidemic cases have decreased from 122 in 2015 to 5 in 2018. We have successfully prevented the spread of the virus and reduced agricultural damage.

Water control has always been one of the main goals of the city government. Utilizing the geographical characteristics of the water systems, we adopt a

comprehensive water control strategy of emergency renovation and treatment, along with detention ponds, rainwater drainage systems and water pumping stations, reaching the country's water control standards—from 10-year to 25-year flood control. After the merger, we have invested 17.84 billion dollars in water control, establishing 689.31 km of rainwater drainage system, with an implementation rate of 69.77%. Before the merger, the 0612 torrential rain in 2005 resulted in a flooded area of 18,375 hectares, while on July 31<sup>st</sup>, 2017, Tropical Storm Haitang caused a flooded area of 629 hectares. Take Rende and Yongkang Sanye River for example, before the merger, the 0612 torrential rain in 2005 brought an accumulated precipitation of 200mm in 24 hours, resulting in a flooded area of 585 hectares. More than 2,300 households reached a flood depth of 30 cm, and the total flood depth was 70 to 80 cm. The 0620 torrential rain this year brought the same amount of precipitation, but only less than 10 hectares were waterlogged, and only one house in a low-lying area was flooded, showing that our water control has had a significant effect.

In the face of the combined disaster threats such as droughts, floods, mudflow and earthquakes, the city government teams up with 37 district offices and the Disaster Prevention Research Center of National Cheng Kung University to promote the city's "Disaster Prevention and Rescue Plan". From 2011 to 2016, we received the "National Excellence Award" for 6 consecutive years, making Tainan the only six-peat special municipality. We improve the rescue mission mechanism and promote the city's Command and Control of Incident Operations (CCIO), obtaining the country's only ISO9001 certification disaster relief command mode. From 2011 to 2014, Tainan won the first place with the highest matching rate in Category 1 of the Joint Supervision of Public Safety by the Ministry of the Interior for 4 consecutive years and was recognized as the city that "thoroughly implements security inspection". The 2016 "Every Second Counts—Let the Heart Beat' Improve the First Aid Success Rate of OHCA Patients" had an outstanding performance. We were invited to the Alliance for Healthy Cities (AFHC) to present the project, receiving international attention.

10. Create a reading society with education.

Our education policy is to give children wings to pursue their dreams through education. We promote diverse education to achieve the goal of “No Child Left Behind”. In the 2017 academic year, normal class grouping was implemented in the first, third, fifth and seventh grade of public and private elementary and secondary schools. We promote the 12-year basic education enrollment system. The total admission rate of the exam-free admission and the special examination admission of high schools has increased year by year, reaching 98.7% in the 2018 academic year. Seven elementary schools such as Hushan Elementary School were designated as experimental schools to complete the experimental education of diverse school types.

We improve the quality of teaching and promote the Teaching Excellence Project in schools. Since the merger, Tainan City has received 19 golden awards, 16 silver awards and 9 honorable mentions of the Teaching Excellence Award by the Ministry of Education. We construct a reading environment. A total of 38 schools have received the Award for Best Reader by the Ministry of Education, and Tainan won the most awards in 2017 and 2018. To create a high-quality reading environment in school libraries and reading corners, we have enhanced 263 primary and secondary school libraries and invested 217.01 million dollars in buying books to increase reading power. We also activated Yuwen Library in East District and Yancheng Library in South District and enhanced 28 district libraries including Rende District Library.

As for the improvement of the schools’ hardware facilities, in the past 8 years, we have enhanced 871 20-year-old toilets from 280 elementary and secondary schools. We invested 650 million dollars in the improvement of the facilities of public preschools and independent preschools (former public nurseries), and 584.41 million in 581 improvement requests of school sports venues. We also approved 377 requests to create a barrier-free environment on campus. We ensure the safety of school buildings, investing 3.6 billion dollars in the construction, reconstruction and reinforcement of elementary and secondary school buildings in the past 6 years. The city government received 29 awards in the Taiwan Real Estate Excellence Award and 16 awards in the Yuan Ye Awards.

We promote sports and build Tainan as a baseball city. Yonghua National Sport Center, the first indoor multifunctional sports center in Tainan is scheduled to finish at the end of July this year, and it will provide the citizens with “cheap price and high-quality sport facilities and service”. The Asia-Pacific International Baseball Training Center, with a total fund of 2 billion 276 million dollars, started its first phase construction in March 2018, which is scheduled to finish in June 2019, and the second phase construction is in the design and bidding process. In addition, we held the WBSC U-12 Baseball World Cups in 2015 for the first time and obtained the hosting rights for 3 Baseball World Cups in a row (2015, 2017 and 2019). In March 2018, the WBSC association approved our request to host 4 Baseball World Cups in a row (2021, 2023, 2025, 2027), so we have successfully obtained the right to host 7 consecutive WBSC U-12 Baseball World Cups.

We promote English as the second official language, laying the foundation and enhancing the language skills of the citizens. We conducted a trial to extend English education to the first grade with 61 schools participating. We promoted the nation’s first bilingual education in diverse fields, integrating English into various subjects. 8 elementary schools participated in the trial in the 2017 academic year, and we will expand the project to 13 schools in the 2018 academic year. For the 2017 academic year, we took an unprecedented step in establishing two experimental elementary schools with bilingual education—Tainan Municipal Simen Experimental Elementary School and Tainan Municipal Nanzih Experimental Elementary School, where children would be immersed in the English environment. In 2018, the Educational Testing Service (ETS) provided 1,500 free spots of the TOEIC Bridge for Tainan citizens, with a sponsorship value of 1.65 million dollars, which is unprecedented in Asia. We lay a solid English foundation, helping the 10 major industries to establish an English friendly environment and improve their English speaking ability, and assisting 14 companies to improve their English, build English websites and design English propaganda materials.

## Please support the 2019 General Budget Proposal of the city government!

Regarding the 2019 General Budget Proposal of the city government, apart from adopting the contractionary policy with the spirit of zero-based budgeting, we also maintain fiscal discipline and carry out the policy of “increasing revenues and reducing expenditure”, keeping our promise to the citizens, and working to make ends meet. The total budget for next year has reached a break-even point with a total expenditure budget of 86,318,744,000 dollars, which is the same as the revenue. We do not expect to have debt financing. The revenue budget mainly comes from taxes, with a total budget of 47,291,944,000 dollars, accounting for 54.79%. As for the expenditures, the greatest expense will be the “educational, scientific, and cultural” expenditure, with a total budget of 29,434,967,000 dollars, accounting for 34.1%. The second is the expenditure for “economic planning and development,” with a total budget of 19,730,482,000 dollars, accounting for 22.86%.

In addition to the funds for water control, and the construction and maintenance of roads and bridges, the 2019 General Budget Proposal of the city government is also in line with the funds of the central government’s infrastructure plan, with a total of 9,593,901,000 dollars, including the city government’s matching funds of 1,726,632,000 dollars. We have prepared a total of about 12 billion 298 million dollars for social welfare expenditures, which is a significant increase from the 11 billion 862 million dollars this year. Among these, the budget for the long-term care project has increased by more than 600 million dollars, and the maternity grand for the third child has increased from 12,000 dollars to 30,000 dollars per child. These funds are arranged to bring about better urban development and to give the people living here the best care. I look forward to your full support.

**Conclusion—Light up Tainan and move towards a better future.**

In the past 8 years, with the support and supervision of the citizens and the Tainan City Council, the city government has worked together with all sectors of the

community to accelerate urban construction at a firm and steady pace. Step by step, from the foundation to major constructions, we create the brand of Tainan and witness the “progress and beauty of Tainan”.

We thank the citizens for your support, which has become the strongest backing for Tainan’s development. We thank all members of the City Council for your support and supervision, which is essential for our improvement. We thank all parties that have worked hand in hand with the government team to achieve the four visions of Tainan—city of culture, tourist paradise, low carbon city and smart city. Let us light up Tainan and move towards a better future. Finally,

I wish everyone good health and good luck.

May the meeting be a complete success.

Thank you!