



## In Service for Life

*Water wells in spring; clouds changes in summer; the moon lofts in autumn; mountains delight in winter.*

*Earth's beauty changes in seasons. Earth is the sole blue gem in the universe.*

*Filled with life as much as uncertainty, life is infinite and immense as well as vast and profound.*



*Life is a blessing and a gift from above. The enormous life on Earth gave birth to mankind. Yet, it is the human race that sabotages nature, along with numerous lives! All lives have challenges. The human life is even a challenge in need of solution incessantly. The human life is given a limited time, which shall not be squandered in vain! The meaning of life is mainly to create more possibilities and future for the life yet to come.*

*The life on Earth is the sum of all organisms, including all the flora, fauna, fungi, and microorganisms. The life on Earth is extremely diversified, estimated to be over 8.7 million taxa at minimum.*

*The life on Earth is supported by solar energy. Plants requires the light from the Sun for photosynthesis, thus producing the food and oxygen necessary for the survival of all other organisms. Upon death of flora or fauna, fungi and microorganisms recycle all matters.*

*All life is precious, for each and every life is unique and irreplaceable. All life has their values. However insignificant or trivial it may appear, each life has its purpose in nature.*





*Every life is mutually connected with other lives. Like quantum entanglement, it is beyond a clear explanation. All life is the most precious gift bestowed divinely upon Earth, which should be cherished and respected.*

*All life on Earth is interconnected. Species depend on one another for survival and a balance of the environment.*

*Nevertheless, ever since the Industrial Revolution, humans have been rapidly pumping greenhouse gases (GHGs) into Earth's atmosphere. The massive increase of GHGs led to global warming as well as extreme weather events, rising sea levels, and other impacts to our environment. These changes will have direct impacts to the civilians of humanity tomorrow. For instance, extreme weather events like flood, drought, and heat waves will result in issues such as food shortage, population displacement, and health. A rising sea level may lead to flooding along the coast and displacement of communities by coastlines. In addition, climate change can also bring about changes in the availability of water and other natural resources and possibly changes in disease spread. All these changes can have grave impacts to the human race and its ability to survive and thrive in the future.*

*The human activities on Earth are causing drastic changes in the environment, leading to habitat devastation and species extinction. It is not natural selection proposed by Darwin, nor survival of the fittest claimed by the economist Herbert Spencer. It is even no way near to the notion of the strong prey on the weak; nor is it selfishness or egoism. The opposite makes the truth about survival. In fact, mutual consideration, symbiosis, and altruism make the best path to true survival and development in nature.*

*The world economy in the future must be a circular economy. A circular economy is a social model, in which wastes are minimized, and resources are recycled or reclaimed, to create new products or services. It is defined as "a system that uses resources in the most effective and sustainable fashion via systematic elimination of wastes with all materials recycled or reused ultimately." Circular economy aims to minimize the environmental impacts of products and wastes and improve economy through reducing costs in waste collection and management and improve the natural ecology on Earth in the process.*

*TCC has been committed to reducing the carbon emissions from our cement and concrete products these years. TCC is also engaging in the energy transition efforts in the world to increase the energy efficiency in use and decrease the carbon emissions from energy. Meanwhile, TCC endeavors to support the society in waste treatment and reduction.*

*For energy transition, TCC has also invested in a new energy company listed in France, NHOA (Noah) in Europe. The name implies that the development of new energy shall give the human race a new horizon filled with hope (New Horizons Ahead).*

*Owing to the worldwide outbreak of COVID-19 in the last three years, along with the rocketing number of natural disasters in the world thanks to the accelerated climate change. In the first two months of 2023 in particular, unprecedented natural disasters emerged across the globe, inflicting harms to countless lives.*

*Hence, the theme for the work of the year for TCC is "In Service of Life." With that, TCC seeks to direct public attention more onto the balance of nature and the protection of the stable development of all life in the world.*

*In parallel with the improving environmental awareness of humanity and circular economy, there is still hope for life on Earth to create a nature, where they are protected and have a future.*

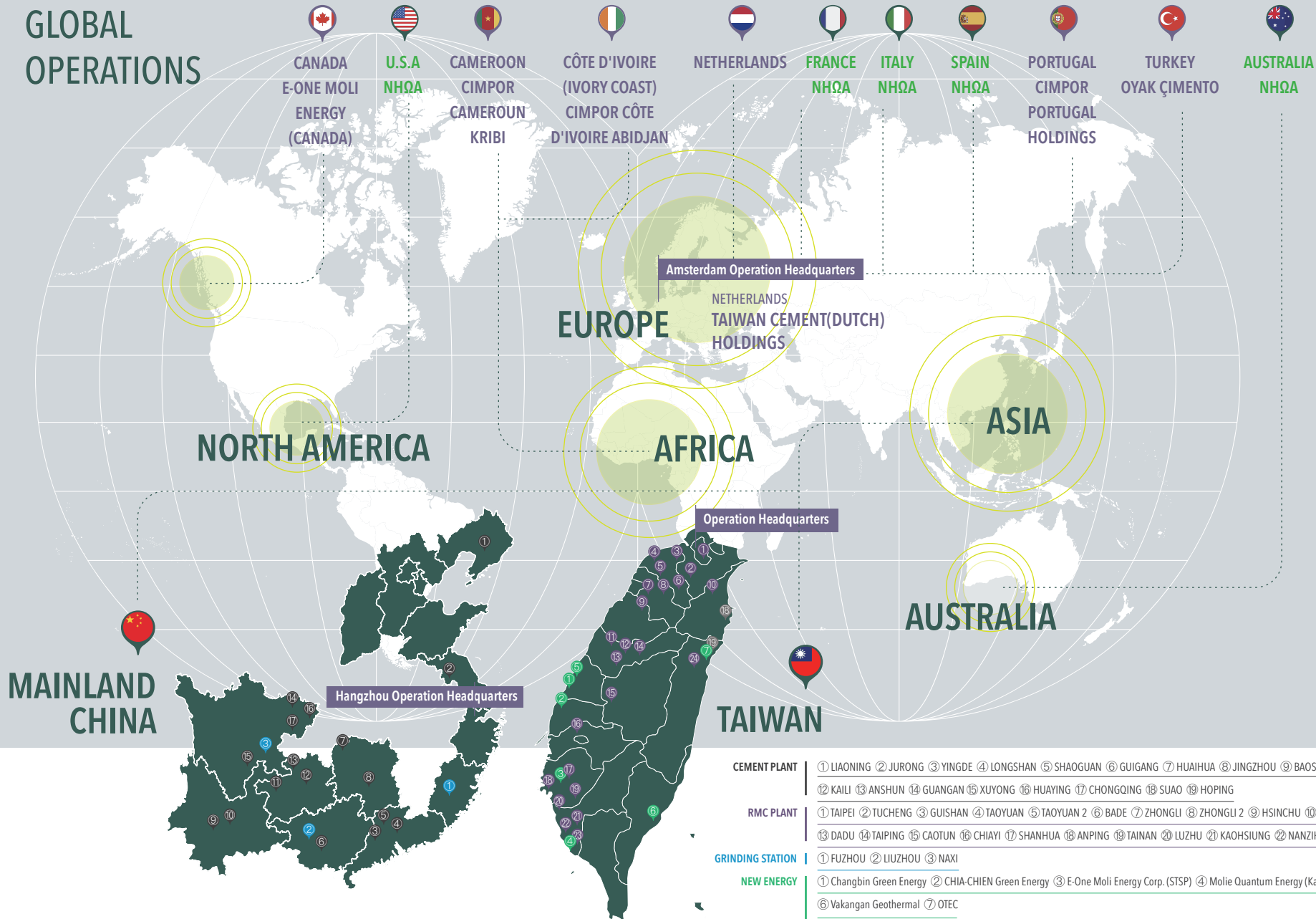
*Nature is borderless, the Sun voiceless, and the wind shadowless.  
Creation is flowless, fragrance colorless, and life priceless.  
Benevolence is speechless, love demand-less, and cement formless.*

Zuo Ren 



Nelson An-ping Chang  
Chairman  
TCC

# GLOBAL OPERATIONS



- CEMENT PLANT**
- ① LIAONING ② JURONG ③ YINGDE ④ LONGSHAN ⑤ SHAOGUAN ⑥ GUIGANG ⑦ HUAIHUA ⑧ JINGZHOU ⑨ BAOSHAN ⑩ ANNING ⑪ GANGAN ⑫ KAILI ⑬ ANSHUN ⑭ GUANGAN ⑮ XUYONG ⑯ HUAYING ⑰ CHONGQING ⑱ SUAO ⑲ HOPING
- RMC PLANT**
- ① TAIPEI ② TUCHENG ③ GUISHAN ④ TAOYUAN ⑤ TAOYUAN 2 ⑥ BADE ⑦ ZHONGLI ⑧ ZHONGLI 2 ⑨ H SINCHU ⑩ YILAN ⑪ TAICHUNG ⑫ SHENGANG ⑬ DADU ⑭ TAIPIING ⑮ CAOTUN ⑯ CHIAYI ⑰ SHANHUA ⑱ ANPING ⑲ TAINAN ⑳ LUZHU ㉑ KAOHSIUNG ㉒ NANZIH ㉓ SIAOGANG ㉔ HUALIEN
- GRINDING STATION**
- ① FUZHOU ② LIUZHOU ③ NAXI
- NEW ENERGY**
- ① Changbin Green Energy ② CHIA-CHIEN Green Energy ③ E-One Moli Energy Corp. (STSP) ④ Molie Quantum Energy (Kaohsiung) ⑤ Changbin Energy Storage ⑥ Vakangan Geothermal ⑦ OTEC



### 3 CORE BUSINESSES & 10 INDUSTRIAL SERVICES

The state-run Taiwan Cement Corporation, TCC, was founded in 1946, officially privatized in 1954, and became the first listed company in Taiwan in 1962. In 1974, the Ten Major Construction Projects commenced. TCC, by expanding our services in line with concerned policies which enabled TCC to grow in sync with the industry and the society, takes pride in being a leading brand in Taiwan.

Mr. Nelson An-ping Chang assumed the office as the Chairman in 2017. TCC undertook a full-scale overhaul in 2018, transforming our characteristics from cement manufacturing and sales into green environmental engineering, dedicated to the handling of the complex relationship between human civilization and Nature. With the three development focuses, i.e.



TCC strives to be an ECO-SOLUTION PROVIDER that actively addresses environmental issues and promotes the sustainability initiative EARTH HELPER.

