

Envisioning a green future with minimal carbon emissions at Chunxi market

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Jiading is actively promoting green and low-carbon development to build a beautiful district where humans and nature coexist harmoniously.

The district government is striving to achieve carbon peaking and carbon neutrality goals; promoting the development of renewable energy; creating the Yuanxiang Lake Low Carbon Development Practice Zone while accelerating the construction of three low-carbon communities.

Additionally, Jiading will undertake comprehensive “zero-waste city” construction, exploring new paths for the reduction, resource utilization and harmless treatment of solid waste.

What does a green, low-carbon future community look like?

By choosing a bag of low-carbon coffee beans shipped by sea from Indonesia, you can reduce your carbon footprint by 116 grams. Grinding coffee beans by bicycle reduces it by 6 grams and charging your phone with solar energy reduces it by 11 grams.

Chunxi market

There is a NEXUS community in Jiading New City that consistently implements green concepts. Every corner and detail of the space reflects a sense of technology and low-carbon environmental protection. The community market, Chunxi, has already been built up and is in operation.

With its steel and wood structure, lush tropical plants, and sunlight streaming through the glass, the Chunxi market exudes a natural ambiance. Two white fans gently rotate, sending waves of comfort and ease throughout the space.

This market is one of the commercial facilities that China Vanke Group has created in the NEXUS development.

“Rather than calling Chunxi a sales office for the property project, it’s more accurate to say it showcases and embodies a community lifestyle,” said Wu Yiqun, chief partner in charge of building performance at Vanke’s development and operations division.

“Many sales offices today are built lavishly but are demolished as soon as the houses are sold, leading to cost waste and increased carbon emissions.”

With a core value of low-carbon and environmental protection, Vanke has been exploring the topic of the



Beyond its tangible natural ambiance, the Chunxi market epitomizes green and low-carbon living through the integration of various environmental technologies. — Photos/Xi Rou

“ideal unit of future cities” since 2018. After years of research and practice, starting with the NEXUS project and expanding from specific points to broader areas, Vanke has found a sustainable development path suitable for communities.

From its inception, the Chunxi market was more than a sales office for the NEXUS project. It embraces the vision of a future market by introducing a diverse array of food and beverage brands and retail shops.

As a brand-new community public space, the market integrates art, nature and life experiences into one, providing residents with diverse shopping and leisure scenes.

In addition to the perceptible natural atmosphere, the building itself embodies the concept of green and low-carbon living, employing various environmental technologies.

A cup of zero-carbon coffee

At the Chunxi market, if you choose a low-carbon mode of transportation, you can use your travel record to exchange for a coffee pack in the Zero-Carbon Coffee area. This pack will indicate the origin of the coffee and the carbon reduction value.

“Coffee production and transportation contribute to various



Chunxi market has introduced a bicycle, primarily made of bamboo, to grind coffee beans instead of using traditional machines.

levels of carbon emissions,” Wu said. “We hope to subtly make everyone aware of the importance of energy conservation and emission reduction by offering coffee with a low-carbon footprint.”

Using machines to grind coffee beans into coffee powder also produces some carbon emissions. Therefore, the Chunxi market has introduced a bicycle made primarily

of bamboo. Customers can grind coffee beans into coffee powder by riding the bike for one minute. After that, the coffee is prepared by steaming, adding water, and waiting, resulting in a cup of zero-carbon coffee.

“The only step that might consume energy is boiling water, and this energy mainly comes from photovoltaics,” Wu explained.