

# Green Move New Emblem: Huizhou Characteristic Town under the Concept of Green Ecology

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## Abstract

Characteristic town is a new development concept and the product of the new industrial policy forerunner, existing policy makers and policy object two-way mutual benefit and win-win characteristics, and the concept of green ecology will be green building technology and characteristic culture town organic combination is an important embodiment of the concept of sustainable green development, is also build one of the core concept of characteristic culture town. In the face of severe resources and the environment, prominent social contradictions, and the transformation of economic development, upholding green development is an inherent requirement. The rise of Huizhou characteristic towns has also driven the diversified development of surrounding industries. Therefore, the combination of green environmental protection concept and the development of Huizhou characteristic towns has become an important direction for the sustainable development of the town.

## Keywords

Green Ecological Concept; Huizhou Culture; Characteristic Town; Hui-Style Architecture.

## 1. Social Background of Building a Characteristic Cultural Town

The third Plenary Session of the 18th CPC Central Committee put forward the strategy of "building a strong socialist culture and strengthening the country's cultural soft power". After the 18th CPC National Congress, the CPC Central Committee has taken the inheritance of folk culture as the fundamental force for realizing the "Two Centenary Goals" and realizing the Chinese dream of great national rejuvenation. Since the beginning of the 21st century, aims to further recommend the construction of characteristic tourism town, about encouraging the development of tourism and combined with the development of urbanization policy, improve the characteristic tourism town policy continue to deepen reform, by the end of 2017, in terms of specification regional characteristic town, the National Development and Reform Commission, the ministry of land and resources, environmental protection, housing urban and rural development jointly issued on the specification of the construction of small towns and other relevant laws and regulations, etc. At the macro level, the promulgation of each standard and detailed rules reflects the country's close attention to the construction and development of characteristic towns. It is an important exploration in the process of rural revitalization and development in China, and also the only way to pursue the goal of common prosperity. Adhering to the innovation and development concept and the concept of new industrial structure adjustment, characteristic town construction and development effectively shows the regional coordinated development, the theme of the transformation and upgrading of industrial structure, with policy makers and policy object two-way mutual benefit and win-win characteristics, its concept comes from the transformation and upgrading of traditional industries and high-end elements agglomeration realistic needs. At present, with the improvement of social and economic level and the support of national policies, China's policy guidance for the construction of characteristic towns is becoming more and more obvious, and the demand for strengthening regional environmental protection in urban and rural

development is becoming more and more strong. These are all opportunities and challenges for the development of green ecological civilization characteristic towns.

And concrete implementation to the construction and development of characteristic town in Anhui province, Anhui has been the focus of the characteristic town, Anhui characteristics of Huizhou culture as one of China's three regional culture and later typical specimens, engraved the beauty of the unique Oriental culture, including Chinese society folk unique geographical and historical factors make the vientiane human appearance. Anhui characteristic town adhering to the focus of the dissemination of cultural knowledge and humanistic spirit, Formed an economic, social, cultural combination system form, Under the substantive encouraging measures in terms of policy support and taxation, Relying on the unique geographical and historical factors, Provincial sports town, provincial cultural tourism town, health town, etc., jointly selected by relevant departments, Have a clear planning blueprint for the characteristic town construction, Have a professional team to follow up the whole process of the town construction, Successfully planned the modern and characteristic coexistence of characteristic Huizhou town, Among them, Xihe Ancient Town, Xidi Ancient Town, Hongcun Ancient Town, Fanchang 3D Printing Town, Squirrel Town and so on are the most forward-looking and exemplary characteristic cultural towns.

## **2. The Requirements of the Times to Absorb the Characteristic Cultural Towns with Green Building Technology**

The organic combination of green building technology and characteristic cultural town is an important embodiment of adhering to the concept of sustainable green development, and also one of the core concepts of building characteristic cultural town. On the road of building characteristic cultural towns and promoting rural revitalization, Guided by Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era, Thoroughly implement the Party's 20th guiding principles, To fully implement Xi Jinping's thought on ecological Progress, Firmly establish and practice the concept that lucid waters and lush mountains are mountains of gold and silver, To implement the basic principles of giving priority to ecology, taking culture as the root, putting people first, integrating development, and orderly, Combine green building technology with characteristic cultural town, The specific application is reflected in the selection of green building materials, the recycling of green energy, the innovative technology design of green energy, the combination of modern technology and the combination of green towns. The party's 20th report profoundly elaborated that the harmonious coexistence between man and nature is an important feature of Chinese modernization, It is clear that by 2035, " extensive green production and life style, After the peak, carbon emissions will decrease, The ecological environment is fundamentally improved, The goal of building a beautiful China has been basically achieved." The characteristic cultural town integrating green building technology is also an indispensable part of this historic process, Not only stays at the theoretical level of green ecological development, Instead, a benign ecosystem oriented by green building technology and characteristic culture, Such as the use of GIS, RS and other technologies for resource statistics and data rapid reproduction analysis of the distribution of green resources, Select the new material PP module to build the reservoir, Take the roof greening, Install rainwater and sewage hanging basket device and other means to achieve rainwater recovery and other detailed measures. In the current green characteristic cultural towns in the current market, there are widespread phenomena such as serious industrial homogenization, imperfect system and mechanism, worrying level of cooperation and sharing, and low concept innovation ability. In the process of exploration and practice, we avoid the above problems and find a more feasible development path. Above policy and theoretical basis illustrates the characteristic culture on the market town in focusing on cultural factors at the same time, the fusion of green

ecological concept should also be as a research focus, is an important value orientation in the process of green ecological civilization development in China, is the way of time background, from policy calls to case practice, are committed to break through the possibility of characteristic culture town development, create new conform to the market development trend of cultural town, further promote rural revitalization.

### **3. Path of Green Development of Huizhou Town**

In the face of severe resources and the environment, prominent social contradictions, and the transformation of economic development, upholding green development is an inherent requirement. Because the gradual rise of Huizhou characteristic towns has driven the rapid economic and development of their surrounding industries, how to combine the concept of green ecology with the development of Huizhou characteristic towns has become an important direction of current research.

#### **3.1. Rainwater Recovery**

In terms of the coordinated reuse of resources, rainwater recycling is an important link, and it is subdivided into roof recycling and ground recycling. About the treatment of the roof rainwater, it is appropriate to take the roof greening, vertical greening and other ways. The process is to plant low ground cover or vines on the roofs of the town residents, so as to control the water source of rainwater and reduce the rate of rainwater runoff. Then through the simple filtration device installation at the rain drop pipe mouth, the filtered rainwater can be transported into the reservoir through the pipeline. For the construction of the reservoir involved, the new material PP module can be selected, and the appropriate scale reservoir can be built according to the local rainfall situation and site factors. The rain on the treatment of the ground, you can choose in the town existing road dig groove, the ground water collects the circulation, then according to the combination of the rain and rain flow filter device for the ground rainwater for sewage, flow and filtration, eventually through the pipeline transport into the reservoir. The collected rainwater can be used in the daily life of the town people, such as road cleaning, irrigation of vegetation, etc. The rainwater recovery system built evaporates water with the help of solar radiation in summer, which can play a certain cooling effect and help optimize the overall air humidity of the town and reduce the adverse impact of dust on the air environment of the town. At the same time, the process of rainwater recovery also reduces the possibility of water pollution caused by the rain and sewage confluence and the pressure of sewage treatment, and realizes certain ecological and economic benefits.

#### **3.2. Garbage Classification**

From the perspective of sustainable development, garbage classification can promote the utilization of renewable resources and the high utilization of land resources, and also reduce the environmental pollution. As is known to all, garbage classification is the best solution to deal with garbage public hazards, so garbage classification has become the only way for a country to achieve sustainable development. Therefore, the promotion and implementation of garbage classification in characteristic towns will also become the only way for green and sustainable development of characteristic towns. Its feasible measures are roughly as follows:

The classification policies formulated by town management should be connected with the "acquaintance society". In the so-called acquaintance society, the rules of village regulations and the concept of face play an important role in the daily code of conduct of residents. Through the classification of residents to certain material and spiritual rewards, and according to the classification of dynamic adjustment reward mechanism, take different degree of unclassified family criticism, but also need village cadres or classified neighbors "acquaintances" to the door

advice and guidance, this move will effectively improve the town garbage classification level and quality.

Garbage classification can also be incorporated into residents' cultural activities through different forms, so as to improve people's familiarity with garbage classification and their popularity in the town, and then conduct more publicity and education. I believe that every town resident wants to make their "home" more beautiful. At the same time, we should also actively organize volunteer activities for college students in small towns to return to their hometown to tell our relatives and friends from the perspective of new youth in the new era that garbage classification can bring them health or even "income", and also improve the practical significance of the living environment in small towns.

### **3.3. "Double-carbon" Aspect**

In response to the "dual carbon", that is, to achieve the "dual carbon" goal and vision of carbon peak by 2030 and carbon neutrality by 2060. In this context, the adjustment of industrial structure, the optimization of energy structure and the change of lifestyle have become important ways to reduce carbon emissions, and the low-carbon lifestyle of residents has become the core content of building a green and low-carbon economic and social system. Therefore, the concept of low-carbon life should be actively advocated in the town, and the concept of low-carbon consumption of town residents should be initially established through blackboard newspaper publicity, voluntary publicity activities of college students returning home and the model of village cadres, so as to improve the awareness of every town resident about resource conservation and low-carbon environmental protection. Among them, for the original firewood consumption in the town, we should increase the implementation and application of firewood stove and solar water heater. In addition, the lifestyle of low-carbon diet should be promoted in the small town, so as to realize the purpose of saving food, reducing energy consumption and other fuel and cultivating residents' healthy life concept, and actively carry out outdoor activities such as walking, fishing or playing table tennis.

The carbon emission of the town has a huge potential to decline, and also has rich new energy resources. Therefore, the town management should increase the support for residents in low-carbon life, and promote the promotion of low-carbon life in the town through corresponding means, so as to help achieve the "double-carbon" goal in China.

## **4. Huizhou Small Town Characteristic Development Path**

### **4.1. Hui-style Architecture**

#### **4.1.1. Characteristics of Hui-style Architecture**

##### **(1) Space form of architecture and gardens**

In the feudal period, influenced by ethics and clan system, Huizhou people lived in a settlement, and the architectural layout was characterized by symmetrical distribution and independent courtyards. Symmetry refers to the north as the top, the south as the bottom, with the center, the top as the top, with both sides as the side chamber, the city faces south layout, from south to north to draw a central axis, all the main buildings are strictly symmetrically arranged on the central axis, tall, majestic and magnificent. The buildings on the central axis and on both sides of the central axis face south, thus setting off the main building courtyard on the central axis is composed of the middle patio, hall and wing rooms on both sides. Each courtyard is separated by the horse-head wall, which is flexibly arranged according to the function, scale and terrain, with a sense of rhythm.

Huizhou area is pleasant scenery, many mountains and rivers. The ancient villages in Huizhou will be considered in the site selection. The local terrain, landform, water flow and wind

direction are usually settled in places with near mountains and rivers, beautiful environment and smooth traffic, so that the building is integrated with the environment.

One major feature of Hui-style architecture is the use of color of white walls and black tiles. Flexible use, black, white and gray of ink painting form a sense of space and dynamic with the natural environment, green mountains, green water, white walls and black tiles complement each other, plain and elegant, making the whole space level more rich, let people's vision get quiet and unique enjoyment.

#### (2) Representative shape and system

The horse-head wall is one of the representative shapes of Hui-style buildings. So it is called the "horse-head wall" because it changes with the slope of the roof, and it looks like the horse's head. The common forms of horse head wall are "magpie head type", "seal bucket type", "sitting kiss type", "Chao wat type" and "gold seal type". The building house is divided into the front and back slopes, forming a style lower than and higher than the left and right gables. According to the slope of the roof, the horse head wall forms the ladder level, so that the length of the eaves of the house and the depth of the building change at the same time, forming the sense of hierarchy and dynamics of the building space. The more important role of the horse head wall is to block the fire source, because the ancient wooden structure of the house has poor fire performance, once the fire, the whole village will be destroyed, so the horse head wall is also known as the "fire wall".

Archway is a very important part of Huizhou architecture. It is known as the "Three wonders of Huizhou Ancient architecture" together with residents and ancestral temples. It has a long origin, originated in the Spring and Autumn Period and the Warring States Period, and was originally used as a door in the village, called "Heng Gate". Archway, also known as archway, mainly of stone, imitation wood structure.

#### (3) decorative patterns

"Three carvings" is the main decorative pattern of Huizhou architecture, namely wood carving, brick carving and stone carving. "Three carvings" usually adopts the multi-layer transparent carving craft technique, involving, rich themes, mainly can be seen in the architectural components and interior decoration, is a symbol of the local culture. The art of "Three Carving" is good at using the essence of raw materials to show the characteristics of pattern elements, so that the materials and patterns complement each other and harmonize, making it not only as fresh and elegant as ink painting, but also add the architectural texture and ancient charm. In particular, the wood carving technology, more antique architecture icing on the cake.

### **4.1.2. Application of Hui-style Architecture in the Design of Characteristic Towns**

#### (1) Planning and layout

In order to adapt to the local nature, climate and water source, most of the buildings are built on water. The use of river resources not only makes the axis of the ancient town clear, but also conducive to the development of green ecological concept. The buildings of the town still continue the settlement characteristics of ancient villages, with high group density. The construction of the water makes the town buildings gather together, forming a living environment of water melting and symbiosis.

The town is divided into two parts. One part is a static living area dominated by academies, teahouses, exhibition halls, hotels and residential areas, and the other part is a dynamic business district dominated by restaurants, studios, opera houses and commercial streets. On the premise of not disturbing the life of the aborigines, the static living area will build new Hui-style buildings, especially the exhibition halls and hotels to be built into original Hui-style buildings. The dynamic business district is the area with the largest passenger flow, covering a large area, including a commercial street, a cultural street, several alleys hidden in the building

and a river running through the city, allowing tourists to experience the ancient and natural scenery of Huizhou.

## (2) Architectural style

Except for the residence of the aborigines and the historic family building, the other buildings are all new buildings of the project. These new buildings make full use of the iconic elements in Hui-style buildings, such as horse-head walls, memorial archways, and patios. The horse head wall is used to divide the residential areas and academies, teahouses, exhibition halls, so that the business activities do not affect the lives of residents. Large buildings in the living area, such as exhibition halls and hotels, use fourth and fifth step horse-head walls, and small buildings all use second or third steps. The horse-head wall of the library is designed as "gold seal" and "chaoat", reflecting the pursuit of reading and learning. The hotel is designed as "magpie tail" and "sitting and kissing" to express the meaning of joy and nobility.

The entrance of the commercial district is equipped with memorial archway, and on both sides of the commercial street are small modern buildings with Hui-style architectural elements. The architectural appearance, interior decoration and memorial archway all adopt stone carving technology. Most of the patterns are traditional decorative patterns, and a few are modern simplified patterns. In the wall, gate building using auspicious cloud pattern "" lotus grain ", expressed the desire of auspiciousness, festival, happiness and the beautiful yearning for life. Furniture uses "gourmet waste grain" and "wishful grain" to express the expectation and blessings of a happy life.

## (3) Building materials

Most of the architectural decoration materials are taken from the local town, such as wood and stone. Wood is made to make furniture and carved with delicate and vivid wood carvings to create a simple and elegant atmosphere. With stone as the raw material for archway, doors and steps, it is unified with the black, white and gray of the ancient town, creating a sense of elegance and calm. In addition, the local clay is also used to fire black tiles and ceramics as building materials and decorative materials. Make full use of the resources and manpower of the town itself, combine modern craft and traditional craft, make the architecture and environment complement and integrate, so that people can appreciate the style and culture of ancient Huizhou, and get material and spiritual comfort.

## 4.2. Huizhou Traditional Clothing

### 4.2.1. Characteristics of Huizhou Traditional Clothing

Huizhou traditional folk costumes pursue the sense of symmetry and balance, and the patterns are mostly displayed by double numbers, usually upper and down or left and right symmetry, reflecting the beauty of the mean in traditional culture. Huizhou folk costumes use traditional collections of patterns, such as back pattern, triangle pattern, tangled branches, etc. These lines are mostly used in jewelry such as hairpins and earrings with the silk pinching technology, as well as the roots of shoes, which play a role in decorating clothing and filling the gaps, making the composition full and smooth, and improving the delicacy of the costumes.

In terms of patterns, Huizhou folk costumes create a balanced and stable formal beauty through the combination of abstraction and concrete representation. Women often use lotus patterns embroidered in clothing, with the graceful plants to show their beauty and softness. Noble women often use pomegranate, peach blossom and other patterns embroidered on the forehead, with pearl cui embellishment, to show their status and noble gas. Birds are usually symbols of power and status. For example, noble men often use cranes, kylin, lions and tigers embroidered in the front chest to show the elegant demeanor of Huizhou people.

#### **4.2.2. Application of Huizhou Traditional Clothing in the Construction of Huizhou Small Town**

The garments design studio is introduced to deeply study the origin and development of Huizhou traditional clothing, design traditional Huizhou costumes and new costumes integrated with Huizhou elements, for exhibition and sales. In addition to offline sales in the small town, it also uses the Internet to promote and sell, and provide customized services for consumers. In addition, it also provides rental services for tourists. Tourists can rent clothes in the studio and pay to buy makeup services, wear traditional Huizhou clothes to play and take photos in the town, and experience Huizhou culture personally.

### **4.3. Huizhou Opera**

#### **4.3.1. Characteristics of Huizhou Opera**

The main characteristics of Huizhou opera are that the characters are clearly dressed up, pay attention to makeup, gorgeous stage design, superb stage movement technology, rich and colorful stage pictures, and graceful music singing. The emblem cavity is mainly divided into nine categories, namely Qingyang cavity, Siping cavity, Hui kun, blowing cavity, dial, Erhuang, xipi, and flower tone. Blowing cavity, dial and leather spring are the main sound cavity of emblem cavity. The tone is euphemistic and soft, the dial is high and passionate, and the leather spring is popular and smooth. Hui opera is rich in expression forms, easy to understand, and eclectic. Opera singing and dancing, euphemistic and delicate, martial arts is hot and fierce, kung fu is profound, but life is small, the play has a strong local flavor.

#### **4.3.2. Application of Huizhou Opera in Small Town Management**

Theater theater in the center of the business district, which is located in the center of the intersection of the commercial street, operated and managed by a special troupe. Three days a week, the drama book will be published on the bulletin board of the town, the notice board at the gate of the theater, and the official public account of the town and the theater. Once a week, we provide the opportunity to visit the backstage of the theater, and we can interact with the theater teachers closely and watch the makeup process.

## **5. Epilogue**

The design and development of Huizhou characteristic towns should be combined with the concept of environmental protection, but also have the characteristics of regional expression and humanistic connotation. By exploring the green concept and the application of Huizhou characteristic culture in the town, this paper ensures that the Huizhou characteristic towns under the green ecological concept can meet the development requirements of the new era.

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