Healthy Cities in Taiwan

健康城市在台灣
# Healthy Cities in Taiwan

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**Compile and Print:** Healthy City Research Center, National Cheng Kung University

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1. Development of healthy cities in Taiwan

The healthy cities movement began in 1986. It was first promoted by the WHO Regional Office for Europe, and primarily targeted European cities. After almost two decades of work, the results have been very good, and European healthy cities are now exemplars for the world. As a result, WHO regional offices have started to advocate healthy cities for each of their regions.

In Taiwan, the Republic of China decided to participate in the healthy cities movement in the beginning of the new Millennium. The Bureau of Health Promotion (BHP), Department of Health called for a pilot proposal in 2003, a cross-disciplinary team of scholars at National Cheng Kung University won the project, and found collaboration from Tainan City, thus, pioneered the healthy city development in Taiwan. BHP has since continued to fund other local authorities to promote healthy cities, including Miaoli County, Hualien County, Kaohsiung City and Taipei County. Since the results have been excellent, some other counties and cities have also allotted budgets to commission related departments for implementation. Currently, cities promoting the healthy cities project include: Da-an District, Beitou District, Shilin District, Zhongshan District, and Wanhsia District of Taipei City, Tamsui Township and Shuangsi Township of Taipei County, Nantou County, Yunlin County, Chiayi City, Taitung County and Pingtung City (Table 1). Currently, Hsinchu County, Hsinchu City, among others, have also expressed their interests.

### Table 1: Evolution of Taiwan Healthy Cities

<table>
<thead>
<tr>
<th>Budget source</th>
<th>City or county(year)</th>
</tr>
</thead>
</table>
| Initial funding from BHP, followed by local authority’s own budget | 1. Tainan City (2003-2005)  
2. Miaoli County (2006-2007)  
3. Hualien County (2006-2007)  
5. Taipei County (2007) |
| Local authority’s own budget | 1. Taipei City (since 2002)  
2. Taipei County (since 2005)  
3. Nantou County (since 2005)  
4. Pingtung City (since 2006)  
5. Taitung County (2007-2008)  
6. Chiayi City (since 2008) |
2. Promotional models for healthy cities in Taiwan

Because of the organizational differences, especially with the administrative level of the major decision making body, we may divide the healthy cities in Taiwan according to the level of major promoting authority into two groups: the county and city level and township level (as shown in Table 2).

<table>
<thead>
<tr>
<th>Table 2: The county and city level and township level</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>County and city level</strong></td>
</tr>
<tr>
<td>1. Tainan City.</td>
</tr>
<tr>
<td>2. Miaoli County.</td>
</tr>
<tr>
<td>3. Hualien County.</td>
</tr>
<tr>
<td>4. Kaohsiung City.</td>
</tr>
<tr>
<td>5. Taitung County.</td>
</tr>
</tbody>
</table>

| **Township level**                                    |
| 1. Da-an District, Shilin District and Beitou District, Zhongshan District, Songshan District, and Wanhua District, Taipei City |
| 2. Tamsui Township, Shuangsi Township, Pingsi Township, Taipei County |
| 3. Pingtung City, Pingtung County                     |

3. Taiwan healthy city indicators

Taiwan healthy city indicators are primarily constructed on the basis of the 32 indicators recommended by the WHO. These indicators are also regarded by local people as the international healthy cities indicators, they are first reviewed upon validity to the local situations and some are slightly re-formulated, through the process some local indicators have also been suggested by counties and cities, altogether they formed the nation-wide Taiwan healthy city indicator (Table 3). The main purpose of building this nation-wide indicator system is to allow comparative studies among healthy cities in Taiwan, as well as in the international arena.

The primary sources of indicator data for various counties and cities are compiled from:

- The needs and expectations of people toward healthy cities.
- Ideas of experts and scholars regarding healthy cities.
- Practical promotions and experiences by public departments.

Nation-wide healthy city indicators are divided into two tiers:

1. **Township level:**
   - The health group has 13 items (including 9 international indicators), the environmental group has 7 items (5 international indicators), and the social group has 13 items (4 international indicators), with a total of 33 items (18 international indicators).

2. **Municipalities, counties and cities level:**
   - The health group has 15 items (10 international indicators), the environmental group has 17 items (12 international indicators), and the social group has 15 items (4 international indicators), with a total of 47 items (26 international indicators).
Since healthy city indicators are expected to play a crucial role in the dynamic process of healthy city progress, the establishment, monitoring, and testing of the indicators are very important. In Taiwan, BHP encouraged healthy cities to collect data for indicators every year, in order to evaluate and diagnose overall problems and the developmental trends, and makes it possible to manage and improve healthy city strategies. Collection of indicator data can also contribute to the contiguous revision of indicator system, hence to assure the validity of indicators as monitoring tools.

<table>
<thead>
<tr>
<th>Health indicators</th>
<th>Environment indicators</th>
<th>Socioeconomic indicators</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>WHO indicators:</strong></td>
<td><strong>WHO indicators:</strong></td>
<td><strong>WHO indicators:</strong></td>
</tr>
<tr>
<td>A1 Mortality</td>
<td>C1 Atmospheric pollution</td>
<td>D1 Percentage of population living in substandard accommodation</td>
</tr>
<tr>
<td>A2 Cause of death</td>
<td>C2 Water quality</td>
<td>D2 Estimated number of homeless people</td>
</tr>
<tr>
<td>A3 Low birth weight</td>
<td>C3 Percentage of water pollutants removed from total sewage</td>
<td>D3 Unemployment rate</td>
</tr>
<tr>
<td>B2 Percentage of Children fully immunized</td>
<td>C4 Household waste collection quality index</td>
<td>D4 Percentage of people earning less than the mean per capita income</td>
</tr>
<tr>
<td>B3 Number of inhabitants per practicing primary health care practitioner</td>
<td>C5 Household waste treatment quality index</td>
<td>D5 Percentage of child care places for pre-school children</td>
</tr>
<tr>
<td>B4 Number of inhabitants per nurse</td>
<td>C6 Living space</td>
<td>D6 percentage of all live births to mothers &gt;20; 20-34; 35+</td>
</tr>
<tr>
<td>B5 Percentage of population covered by health insurance</td>
<td></td>
<td>D7 Abortion rate in relation to total number of live birth</td>
</tr>
<tr>
<td>B6 Availability of primary health care services in foreign languages</td>
<td></td>
<td>D8 Percentage of disabled persons employed</td>
</tr>
<tr>
<td>B7 Number of health related questions examined by the city council every year</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Domestic indicators:</strong></td>
<td><strong>Domestic indicators:</strong></td>
<td><strong>Domestic indicators:</strong></td>
</tr>
<tr>
<td>TH1 Rate of smoking in adults</td>
<td>TE1 River quality</td>
<td>TS1 Crime occurrence rate</td>
</tr>
<tr>
<td>TH2 Rate of betel nut consumption in adults</td>
<td>TE2 Passage rate of public toilet checks</td>
<td>TS2 Crime solution rate</td>
</tr>
<tr>
<td>TH3 Ratio of population that exercises regularly</td>
<td></td>
<td>TS3 Ratio of automobile accidents</td>
</tr>
<tr>
<td>TH4 Rate of long-term care reception</td>
<td></td>
<td>TS4 Ratio of drunk driving accidents</td>
</tr>
<tr>
<td><strong>Items added by municipalities and counties and cities level</strong></td>
<td><strong>Items added by municipalities and counties</strong></td>
<td><strong>Items added by municipalities and counties and cities level</strong></td>
</tr>
<tr>
<td>B1 Existence of a city health education programme</td>
<td>C6 Relative surface area of green spaces in the city</td>
<td>TS10 Lifelong learning</td>
</tr>
<tr>
<td>TH6 Smoke-free environment number</td>
<td>C7 Public access to green spaces</td>
<td>TS11 Number and growth rate of cultural facilities</td>
</tr>
<tr>
<td></td>
<td>C8 Derelict industrial sites</td>
<td></td>
</tr>
<tr>
<td></td>
<td>C9 Sport and leisure</td>
<td></td>
</tr>
<tr>
<td></td>
<td>C10 Pedestrian streets</td>
<td></td>
</tr>
<tr>
<td></td>
<td>C11 Cycling in city</td>
<td></td>
</tr>
<tr>
<td></td>
<td>C12 Public transport</td>
<td></td>
</tr>
<tr>
<td></td>
<td>C13 Public transport network cover</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TE3 Ratio of maintained empty lots</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TE4 Ratio of sidewalk space</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TE5 Ratio of improvement on accessible sidewalks and arcades</td>
<td></td>
</tr>
</tbody>
</table>

A、B、C、D represent WHO healthy city indicators. TH1、TH2、TH3…represent health indicators in Taiwan, TE1、TE2、TE3…represent environment indicators in Taiwan, TS1、TS2、TS3…represent social-economic indicators in Taiwan.
4. Taiwan healthy cities network

More and more counties and cities in Taiwan have devoted themselves to the promotion of healthy cities. In order to allow the greater efficacy of promotion, expansion of resources, and exchange of information among domestic healthy cities, Tainan City, Taipei City, and Kaohsiung City jointly initiated the organization of a healthy cities network in Taiwan at the end of 2005. On February 24, 2006, Dr. Sheng-mao Ho, the former Minister of the Department of Health, and Mayor Tian-tsai Hsu of Tainan City served as conveners, Mayor Ying-jeou Ma of Taipei City (now President of R.O.C.) and Mayor Chu-lan Ye of Kaohsiung City as co-conveners, they together invited county and city mayors all over Taiwan to participate in the “Taiwan Healthy Cities Network Summit”. At the summit, there were around 70 participants, including mayors, deputy mayors, or representatives from 23 counties and cities. The “Healthy Cities Protocol” was signed, and they agreed that there would be at least one meeting annually, and healthy cities in Taiwan would take turns to host the event.

Taiwan Healthy Cities Network (THCN) was officially established on January 1, 2008. Its purpose was to facilitate communications among related departments, local governments, scholars and experts, private organizations, community organizations, as well as urban residents in establishing mutually beneficial partnerships, in order to create better settings for human life. The missions of the Network include:

1. Assist local governments in evaluating city health problems.
2. Integrate local resources; assist counties and cities in constructing healthy cities and healthy communities.
3. Hold symposia and educational training courses to upgrade the planning capacity in creating healthy cities.
4. Establish a platform for healthy cities to exchange information and experience.
5. Evaluate the achievements of healthy cities and collecting such materials to be exposed to the concerned international organizations.
6. Assist counties and cities to engage in the exchange and alliance with international healthy cities and communities.
7. Conduct other activities related to healthy cities or healthy communities.

In order to facilitate its development and operations, Taiwan Alliance for Healthy Cities has four commissions and their responsibilities are divided as follows: 1) Research and Development Group: collection, monitoring, and evaluation of city indicators, 2) Events and Training Group: planning for education and training relating to healthy cities, 3) Award Evaluation Group: planning and selecting awards for healthy cities, and 4) International Exchange Group: international exchange and transmission of information.
In order to encourage local governments in Taiwan to actively integrate resources such as departments, scholars and experts, private organizations, community organizations, and urban residents to work together in the creation of high-quality healthy cities and enhance the domestic capacity to plan and construct healthy cities, THCN has established “Taiwan Healthy City Awards”. It is hoped that through the selection of novel issues and evaluation of healthy city-related achievements, best practice will be collected from member cities, and the sense of honor would inspire creative competition and exchange of ideas among member cities.

The selection of novel issues and the items of awards for “Taiwan healthy city awards” have taken reference from what have been promoted by the WHO and AFHC. Another key reference has been the major domestic healthy issues and promotion directions. “Taiwan healthy city awards” are divided into three types: Healthy City Outstanding Award, Innovative Performance Award (selected by issues), and Outstanding Contribution Award. Considering the resources available for promoting healthy cities, these awards are divided by level of local governments when necessary. The following section will briefly introduce the 2010 awards winning cities and townships in Taiwan.

1. Outstanding Awards at City and county level:

(1) Tainan healthy city

Tainan City began promoting the healthy city project in July 2003. Because there is no concerned previous experience in Taiwan, The NCKU think tank decided to start from reading and introduction of WHO and foreign literature, the knowledge gained were then disseminated among academia, Tainan City Government and local communities through various seminars and workshops, leading to the formation of commonly agreed promotion framework of Healthy City Tainan Project.

Healthy City Tainan project can be divided into three phases. Phase I (2003-2005) is the establishment and rooting of the project. Phase II (2006-2008) is a period of continuous implementation with evaluation. Phase III begins from the year 2009, aiming at finding new frontiers. Healthy City Tainan project emphasizes the usage of strategic partnerships. The strategies include: healthy self-perception, promote strategic projects, revitalize interdepartmental events, increase community participation, promote reform and innovation, and construct healthy public policy.
Major achievements of Healthy City Tainan project 2003-2008 include:

1. Establishment and collection of healthy city indicators: Tainan City had 84 healthy city indicators in Phase I, 32 were international indicators, 52 were domestic indicators; these indicators were divided into three groups (health, environment, society). In 2006, the indicators were reorganized into 117 items with a new title as “Healthy, Sustainable and Green City Indicators for Tainan City”; and the fourth category “industry and economy” was added to cope with the perceived need of fostering industrial development.

2. Interdepartmental collaboration: in order to tackle healthy city related issues in a long-term and comprehensive manner, Healthy City Tainan project cultivated professional ability in the city government and established interdepartmental collaboration mechanisms through holding various consensus camps, group meetings, demonstrative projects, and the co-compilation of the White Paper for Healthy City Tainan.

3. Promotion of community participation: in order to effectively promote community participation in Healthy City Tainan project, the core steering team designed an approach to let beginner communities (communities without much participation experience) to learn from the experienced communities. The first step was to hold a competition and select Ten Outstanding Communities, and then the award-winning communities were titled as the seeds communities to assist the capacity building and provide counseling services to the less experienced communities in the warming up and preparation of community concerned healthy city activities.

4. Exchange experiences with domestic and foreign cities: in order to demonstrate the value of healthy city policies to other counties and cities in Taiwan, Tainan City held workshops and international symposia at least once a year to facilitate the exchange and sharing of experiences with domestic and foreign healthy cities.

5. Sustainable mechanisms: in order to operate healthy city project continuously, it is necessary to construct an operational model with sustainable mechanisms, Healthy City Tainan project identified relationships between the indicator systems and city government organization, thus makes it easier for the perspective authorities to promote healthy city related programs collaboratively with less confusion.

6. Honor: since the promotion of healthy city project, Tainan City has received various recognitions of achievements both domestically and internationally. These include: various architectural and landscape architectural awards, an invited exhibition to the United Nations’ 2005 World Environment Day, becoming the first Taiwanese city to join the WHO AFHC as an associate member, and an AFHC Award for Innovation in 2007.
In June 2009, the government of the republic of China announced a scheme of spatial re-organization in Taiwan, Tainan City and Tainan County are going to unite as one and upgraded as a “municipality”. Thus, series of spatial and administrative reorganization have been on their way in the year 2010. It is hoped that the healthy city idea will successfully won support from the citizens of the new Tainan City.

(2) Miaoli healthy city

Miaoli County seeks to create a sustainable and high quality environment for residential and urban development, so that residents can actively engage in healthy behavior, in turn resulting in the maintenance, improvement and promotion of general health. It also seeks to provide residents with a high quality hygiene system and medical services, enhance their sense of cultural identity, maintain historical relics and accentuate the Hakka culture unique to Miaoli County. It encourages diverse industrial developments as well as lively and innovative urban economic activities. It also uses Miaoli County’s unique tourism resources to develop green industries and establish stable and sustainable ecological environments. Miaoli County seeks to create a powerful community with mutual support and care, to satisfy the basic needs of everyone who live in Miaoli County through social welfare, to construct “happy living in a mountain city” as the holistic vision, with “healthy, environmental friendly and green, welfare, and humanist mountain city” as the objective of development, so that Miaoli County can have a role on the international stage.

Since the very beginning, the County Magistrate and Deputy Magistrate have provided great support in moving the Miaoli healthy city program forward, and now all departments of Miaoli County Government have begun working with the consensus that the healthy city program items have priority in making Miaoli a truly healthy city. Development of strategies for Miaoli healthy city initially began with healthy culture, environmental industries, and social welfare as framework to elicit mutual support from urban residents. In 2008, the core team of Miaoli healthy city project visited Japan, the experience gained from the trip triggered a change of the healthy city vision, therefore, they expanded the original frameworks of three sectors into five, which are health, safety, environmental resources, culture and education, and industrial development, in order to realize the greatest potential in creating an ideal and healthy city suitable for Miaoli residents. The major achievements of Miaoli healthy city include:

1. Establishment and collection of healthy city indicators: domestic indicators are divided into monitoring indicators and executive indicators. For the executive indicators that have the potential to be improved in short-term, the County Government mobilized its own budget to meet the objectives gradually, so that Miaoli County residents can have better living environment.

2. Interdepartmental collaboration: In 2006, the Healthy City Promotional Commission was established, its primary tasks include: (a) plan and evaluate the County’s healthy city programs and long-term development directions; (b) establish health promotional programs related to healthy city goals; (c) coordinate, integrate, and promote healthy city work; (d) evaluate and discuss the results of healthy city-related work and projects; and (e) promote collaboration with private organizations and foreign organizations. Under the Promotional Commission there are five working groups: health, environmental resources, industrial and construction, safety, and culture and education groups.
3. Promotion of community participation: in 2006 the County Government arranged a promotional funding for the healthy city program; some of the funding could be applied for the community participation projects. In 2007, a conference for experts and scholars was arranged in which they collected County information and related literature to develop sound mechanisms for community participation, including: marketing, evaluation, ranking and award mechanisms, and participatory and subsidy regulations. The selection of healthy city demonstration programs were first proposed by community organizations, followed by paper and on-site evaluation. The chosen demonstration programs were then brought to experts and scholars for training and counseling at various levels, and connections and assistance were enhanced between the existing community health management centers and community participation. Finally, the results of community participation were evaluated and ranked, and press conferences were held to celebrate their achievements.

4. Sustainable mechanisms: there were regular meetings for the core team, experts, and various working teams, and the Promotional Commission was consist of experts and the heads of departments. They discussed the conditions of promotion, and exchanged opinions and learned from each other. Toufen Township and Chunan Township in Miaoli County both held a healthy city camp to get consensus, and healthy city workshops to enabling the township leaders, concerned people, and residents of Miaoli County all understand the healthy city vision and its five major action guidelines. It is considered as necessary to train seed personnel at the grassroots level, deepen their understanding for the five strategic action guidelines of the Ottawa Charter, and obtain consensus among township leaders and residents regarding the importance of having a healthy city. It is hoped that the healthy city can be deeply embedded in the hearts of every township and every resident of Miaoli County.

5. Evaluation mechanism: the evaluation mechanisms are divided into structure, process, and results. The structure aspect includes whether a promotional commission or community participation mechanisms have been established. The process aspect is the holding of various meetings. The results aspect is the accomplishments of promotion, such as increases in budget or the effects of implementing indicators, ascertaining that the healthy city program can be smoothly promoted.
Tamsui Township has a population of 130,000. In recent years, urbanization has made an impact on the health of residents, the environment, and the society. Tamsui Township Mayor Tsai Ye-wei provided a high level of willingness and administrative support in inviting scholars, experts, and community residents to participate in the construction of Tamsui Township healthy city. Thus “Tamsui Township” was selected as a model area for Taipei County’s promotion of healthy cities, and the vision is “healthy township, cultural Tamsui.”

Tamsui Township healthy city project has started since 2007. In the first year, the township-wide community health evaluation and community resource surveys were conducted to understand the health needs. Then, political commitment was obtained from the establishment of the Tamsui Township healthy city promotional association. Public departments, community organizations, and scholars and experts gathered and clarified the major issues to be tackled, the project objectives and strategies, established mechanisms and indicators for evaluating healthy city projects, and compiled the Tamsui Township healthy city white paper.

In the second year (2008), Tamsui Township healthy city officially filed membership application to the AFHC, and continued to use the Tamsui Township healthy city promotional association as the interdepartmental and inter-disciplinary platform to conduct the project. The three major values for Healthy City Tamsui were set as: ecology, living, and life, with eight issue-oriented projects. Issue-oriented projects were used to promote cross-sector participation and cooperation at the Tamsui Township Office. At the same time, community organizations were revitalized, in turn eliciting willingness to participate and improving ability to engage in working toward healthy cities. In addition, Chinese and English websites on Tamsui Township healthy city were founded to enhance the promotion of healthy cities as well as sharing information.

During the second year, it was found that in order to truly realize the vision of healthy cities, there was a need to gather more voices from the people and participation of community organizations. Thus, in the third year (2009), mechanisms for community participation and inter-sectional cooperation in the Township Office were strengthened through the continuous review of health issues.
The “Tamsui Township healthy city promotional association” has acted as an interdepartmental and interdisciplinary collaborative platform, through which various health issues and projects were promoted. The Township Office also adjusted supportive resources for community projects, cultivated issue-based community training projects, thus elevated the ability of community organizations in promoting community health projects and community participation were enhanced. It is expected that the implementation results of the issue-oriented projects will feedback to the revision of evaluation mechanisms and healthy city indicators.

The urbanization of Tamsui Township is continuing. With the promotion of “healthy city” project, local authorities can better understand the health conditions and service needs of the people. Using the project as a core policy, encouraging active community participation, enhancing interdepartmental collaboration, it is hoped that the local capacity and energy would be devoted toward sustainable management, and ultimately achieving “health for all.”

(2) Shuangxi healthy city, Taipei County

Shuangxi Township has a surface area of 146.25 square kilometers, located on the northeast corner of Taipei County, on the outskirts of the Taipei metropolitan area. The operational mechanisms for healthy Shuangxi Township are as follows: (1) invite township offices, private organizations, various academic institutions, and related experts to form a non-government organization (NGO) promotional commission; (2) use symposia and questionnaires to increase consensus among community residents in order to establish common visions; (3) create local health indicators based on WHO accreditation indicators and results of surveys on the features and environment of Shuangxi Township; (4) establish community health projects based on surveys of social resources, social welfare, and health problems, and construct a community health evaluation report; (5) construct the Healthy City Shuangxi issues based on the collection of environmental background data, conducting on-site interviews, and execution of questionnaire surveys.

In 2006, with the strong support from the mayor of Township, Shuangxi began the promotion of healthy city program. In the first year (2006), Shuangxi community resources inventory was examined, and the healthy city concept and ideas were promoted. In the second year (2007), investigations of health needs in Shuangxi were carried out, and the official departments, community organizations, scholars and experts were organized to establish the objectives and strategies of healthy city with a focus on environment and ecology, social security and healthy living; and the evaluation mechanisms and indicators for the healthy city program are also established. In the third year (2008), the Shuangxi Township Healthy City Promotional Association was organized and designated as the responsible department for the program. Connections between official departments, community organizations, and experts were expanded for the continuous promotion of the healthy city. The Shuangxi Township Healthy City White Paper was also completed, and the Township filed membership application to the AFHC.
Based on the foundation laid from the past three years, in the fourth year (2009), Shuangxi Township began to develop township specific features – sustainable environment. It collaborated with the Environmental Protection Agency to promote “Shuangxi Two Rail Low Carbon Tours,” calling upon tourists to visit Shuangxi by train and experience healthy bicycle tourism, or conduct “self-cultivation and self-consumption” urban farming; in order to realize the goal of low carbon daily life.

In February of 2010, Shuangxi Township was accepted as an associated member of AFHC, successfully demonstrating the vision of “Healthy City & Lohas Shuangxi” on the international stage. Furthermore, following the success of Shuangxi Two Rail Low Carbon Tours, community residents gathered their ideas again for the second wave of events within the health and environment aspect - “Fun with Fireflies in Green Meadows,” which leads tourists to know that the fireflies can only exist because of Shuangxi’s good quality water and environment; together with the family protection of firefly ecology and healthy low carbon living events, the activities received very warm recognition. In the processes of development, Shuangxi Township has not only encouraged public departments to reach out and promote the healthy city ideas, but has also aggregated the strengths of local communities, schools and people; cross-consultation of experts from different disciplines also yield fruitful creativity and capacity-building for sustainable management, these forces has jointly contributed to the objective of achieving “sustainable health for all citizens.”
Appendix

I. Themes of Awards and Awardees for the First Taiwan Healthy City Award

(1) **Healthy City Outstanding Award:** Evaluation is based on team organization, operational mechanisms, interdepartmental collaboration, indicator establishment, community participation, and sustainable mechanisms; divided into the county and city group and township and village group.
   1. County and city group: Tainan City Government (Healthy Sustainable Green City)
   2. Township and village group: Taipei County Tamsui Township (Taipei County Tamsui Township Healthy City)

(2) **Innovative Performance Award:** Evaluation is based on issue-oriented promotional strategy, interdepartmental collaboration, innovation, resident participation, and results.
   1. Friendly space: such as urban accessible space design, caring plans that increase convenience for urban life, caring services that target women, babies, and infants, and the design and provision of friendly spaces.
      **Winners:** Taipei City Government, Taipei County Government, Kaohsiung City Government.
   2. Healthy environment: spatial design and environmental planning that support residents in carrying out healthy activities, such as walkways and smoke-free environment.
      **Winners:** Taipei County Government, Chiayi City Government, Tainan City Government.
   3. Healthy living: the actual planning or achievements on how to help residents engage in healthy living, growing, and active aging; and the related steering mechanisms.
      **Winners:** Hualien County Government, Beitou Health Promotion Association (Taipei City).
   4. Environmental reconstruction: such as entry images, urban gardens, greening and beautification, good looking corners.
      **Winners:** Taipei City Government, Tainan City Government.
   5. Energy saving and carbon reduction: concrete actions and measures for energy saving and lowering carbon emission in urban context.
      **Winners:** Wanhua Health Promotion Association (Taipei City), Taipei County Government, Tainan City Government.
   6. Arts, culture and leisure: programs to enhance the participation of arts and cultural activities.
      **Winners:** Taipei County Government, Tainan City Government.
   7. Reduction of unemployment: strategies and planning related to the lowering of unemployment rate.
      **Winners:** Taipei County Government, Tainan City Government.
   8. Community participation: planning mechanisms to enhance urban community participation.
      **Winners:** Taipei County Government, Pingtung City Government.
   9. Creative industry: Unique industries in the city, related consultation mechanisms or research and development.
      **Winners:** Taipei City Government, Tainan City Government.
   10. Urban safety: measures and programs to guarantee residents living safely.
      **Winners:** Hualien County Government, Taipei City Government.
II. Themes of Awards and Awardees for the Second Taiwan Healthy City Award

(1) **Healthy City Outstanding Award**: Evaluation is based on team organization, operational mechanisms, interdepartmental collaboration, indicator establishment, community participation, and sustainable mechanisms; divided into the county and city group and township and village group.
   1. County and city group: Miaoli County Government.
   2. Township and village group: Shuangsi Township Health City Promotion Association (Taipei County).

(2) **Innovative Performance Award**: spatial design and environmental planning that support residents in carrying out healthy activities, such as walkways and smoke-free environment.
   1. Health promotion policies: the establishment and implementation of policies that are beneficial to the health of residents.
      **Winners**: Department of Health, Taipei County Government; Department of Health, Miaoli County Government; Department of Health, Hualien County Government.
   2. Friendly space: caring services for the elderly, women, children, and the physically and mentally disabled, including the facilities or equipments that enhance the friendliness to the environment, promotions or services for a safe atmosphere, accessible spaces, and women’s safety.
      **Winners**: Department of Health, Taipei City Government; Department of Health, Kaohsiung City Government; Police Bureau, Tainan City Government.
   3. Healthy environment: spatial design and environmental planning that support residents in carrying out healthy activities, such as walkways and a smoke-free environment.
      **Winners**: Department of Health, Tainan City Government; Department of Health, Taipei County Government; Department of Education, Chiayi City Government; Pingtung City Government.
   4. Healthy living: the actual planning or achievements on how to help residents engage in healthy living, growing, and active aging; and the related steering mechanisms.
      **Winners**: Department of Civil Affairs, Tainan City Government; Department of Health, Miaoli County Government; Department of Education, Yunlin County Government.
   5. Environmental reconstruction: such as entry images, urban gardens, greening and beautification, good looking corners.
      **Winners**: Department of Environmental Protection, Taipei County Government; Department of Health, Kaohsiung City Government; Department of Education, Taipei City Government.
      **Winners**: Department of Environmental Protection, Tainan City Government; Department of Environmental Protection, Kaohsiung City Government; Department of Environmental Protection, Taipei County Government.
   7. Arts, culture and leisure: programs to enhance the participation of arts and cultural activities.
      **Winners**: Department of Cultural Affairs, Taipei City Government; Tamsui Township Office, Taipei County; Department of Cultural Tourism, Tainan City Government.
8. Community participation: planning mechanisms to enhance urban community participation.
Winners: Beitou District Health Service Center, Taipei City; Department of Social Affairs, Taipei County Government; Department of Urban and Rural Development, Yunlin County Government; Department of Health, Chiayi City Government.

9. Creative industry: Unique industries in the city, related consultation mechanisms or research and development.
Winners: Nangang District Health Service Center, Taipei City Government; Department of Labor Affairs, Tainan City Government; Department of Agriculture, Yunlin County Government.

10. Urban safety: measures and programs to guarantee residents living safely.
Winners: Department of Fire Prevention, Tainan City Government; Department of Health, Taipei City Government; Police Bureau, Chiayi City Government.

11. Information technology: provide urban residents with information technologies or platforms for healthy or convenient living.
Winners: Research, Development and Evaluation Commission, Taipei County Government; Department of Health, Taipei City Government; Department of Transportation, Tainan City Government.

(3) Outstanding Contribution Award: concrete achievements regarding to the promotion and execution of healthy city policies, and related major contributors.
1. Public sector: Mr. Tain-Tsair Hsu (Mayor of Tainan City)
2. Expert and scholar: Dr. Susan C. Hu (Associate professor, Department of Public Health, National Cheng Kung University)

III. Contact information and websites of healthy cities in Taiwan

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