

## **7) Develop Guidelines for an Age-friendly City**

### **(1) Development of Guidelines**

The guidelines shall be based on the overall direction presented by the WHO, analysis of current status, diagnosis of age-friendliness, feedback from the monitoring team, and opinions collected from citizens and experts to derive appropriate and feasible strategic tasks.

- Issues were identified and strategic tasks developed through survey analysis and collection of opinions to create an age-friendly environment throughout Gongju in terms of the urban area, society, economy, culture, and health. Based on a review of the eight major areas set by the WHO and analysis of other cities' cases, we classify the tasks for Gongju into eight major areas: volunteer work and jobs; community support and health; outdoor space and buildings; housing; transportation; social respect and consideration; communication and information; social participation.

As the aging society progresses, it is necessary to prepare measures in various areas such as health and medical support, economic and social participation, activities and safety in external spaces. Above all, it is necessary to view aging as an opportunity, not a problem.

- The most important considerations in creating an age-friendly city are the economic conditions and health of the elderly. In order to enable the elderly lead an energetic and healthy life, it is necessary to promote high-quality jobs, health, and social support from a long-term perspective.
- To solve depression and lethargy among the elderly population and activate exchanges between generations, it is important to strengthen measures of social respect and consideration such as improving access to social participation, protecting the elderly's rights, and convenience of using public institutions. These will help develop Gongju as a city for all generations.
- In order to create a pleasant and safe environment in Gongju, external spaces and buildings must be developed in a way that takes into account safety culture in daily life and ensures safety of citizens. It is also necessary to look into elderly-friendly public transportation and safety driving considerations for the elderly, and elderly-friendly residential environment.
- Therefore, the overall goals of creating an age-friendly city are to ensure a vibrant and healthy life after retirement, create a safe and comfortable living environment, and realize social integration through respect and communication.

The priority areas are categorized according to these three objectives as follows:

- Activity and Health
  - Volunteer work and jobs, Community support and health
- Pleasant and Safe Environment
  - Outdoor space and buildings, Housing, Transportation
- A Community Where Everybody Wants to Live
  - Social respect and consideration, communication and information, social participation

## (2) Key Issues and Strategic Tasks by Area

### (7) Activity and Health

■ There are two areas: Volunteer work and jobs; Community support and health

#### ① Area 1 : Volunteer Work and Jobs

■ Goal: Creating volunteering opportunities and jobs for the elderly

■ [table 1] Key Issues and Tasks for Area 1

Detailed objectives	Key issues	Strategic tasks
Volunteer activities for the elderly	<ul style="list-style-type: none"> <li>• Volunteer activities for the elderly are not diverse and are difficult to participate in</li> </ul>	<ul style="list-style-type: none"> <li>• Promoting social participation for independent living of the elderly</li> </ul>
Creating jobs for the elderly	<ul style="list-style-type: none"> <li>• The desire for jobs is increasing every year, but there is a lack of support system.</li> </ul>	<ul style="list-style-type: none"> <li>• Providing good quality jobs to the elderly</li> <li>• Establish systems such as activation of the Center for Supporting Employment for the Elderly, budget support, reemployment consultation, follow-up management, etc.</li> <li>• Provide jobs by separating the general elderly and the poor elderly</li> <li>• Develop systems to continuously re-educate the elderly, promote work motivation, and maintain jobs for the elderly</li> </ul>
Fair employment environment for the elderly	<ul style="list-style-type: none"> <li>• Lack of opportunities to participate in jobs for the elderly and unfair treatment in hiring and maintaining employment</li> </ul>	<ul style="list-style-type: none"> <li>• Establishing an environment without discrimination against the elderly in hiring, maintaining employment, and promoting elderly persons;</li> <li>• Prepare workshops for employment maintenance, and facilitate information exchange and capacity building education</li> </ul>
Training services for the elderly seeking employment	<ul style="list-style-type: none"> <li>• Difficulty in obtaining training and information for reemployment after retirement</li> </ul>	<ul style="list-style-type: none"> <li>• Training and information support for adaptation and reemployment of the elderly after retirement</li> </ul>

② Area 2 : Community Support and Health

■ Goal : Expansion of customized medical welfare facilities and accessibility; Contribution to improving health in the community

■ [table 2] Key Issues and Tasks for Area 2

Detailed objective	Key issues	Strategic tasks
Providing customized medical services	<ul style="list-style-type: none"> <li>• Lack of customized medical welfare facilities</li> <li>• Procedures and standards are too complex</li> </ul>	<ul style="list-style-type: none"> <li>• Simplification of medical and health care facility and procedures</li> <li>• Expansion of accessibility for low-income earners with an outpatient fixed-rate system for the elderly</li> <li>• Maintaining health through medical and health programs for the elderly</li> <li>• Create positive impact on various fields, such as support costs for the elderly, resolution of family conflicts, and social activities</li> </ul>
Visiting services for the elderly and emergency measures	<ul style="list-style-type: none"> <li>• It is difficult to receive visiting services and emergency measures for the elderly</li> </ul>	<ul style="list-style-type: none"> <li>• Quick emergency measures such as installing a rescue request bell</li> <li>• Expansion of visiting health projects for continuous health education and counseling</li> <li>• Training for preparation and countermeasures for the elderly in the event of a natural disaster or fire</li> </ul>
Expanding community care services for the elderly with dementia	<ul style="list-style-type: none"> <li>• Lack of community care services for the elderly with progressive dementia</li> </ul>	<ul style="list-style-type: none"> <li>• Community-level dementia prevention activities and protection of the elderly with dementia</li> <li>• Establishing a network of local residents</li> </ul>

## (L) Pleasant and Safe Environment

■ There are three areas: Outdoor space and buildings; Housing; Transportation

### ① Area 3 : Outdoor Space and Buildings

■ Goal : Establishing safety culture in daily life and creating a safe environment for citizens

■ [table 3] Key Issues and Tasks for Area 3

Detailed Objective	Key Issues	Strategic Tasks
Create a safe pedestrian environment	<ul style="list-style-type: none"><li>• The width of the walkway is narrow, and the floor obstructions cause inconvenience in moving.</li><li>• Crosswalks are not equipped with traffic lights or emergency bells for the elderly, causing safety problems.</li></ul>	<ul style="list-style-type: none"><li>• Establish regulations on the width of walkways</li><li>• Activate emergency bell and voice guidance-enabled traffic light system considering the physical characteristics of the elderly in order to create safe walkways</li></ul>
Safe living environment	<ul style="list-style-type: none"><li>• There is a risk of crime in the neighborhoods, and the system for responding to events such as falls and injuries is insufficient</li></ul>	<ul style="list-style-type: none"><li>• Install safety facilities in parks and elderly facilities to prevent accidents.</li></ul>
Convenient facilities	<ul style="list-style-type: none"><li>• Lack of information and convenience facilities for the elderly and citizens who are uncomfortable walking in public buildings</li></ul>	<ul style="list-style-type: none"><li>• Need a reception desk for the elderly in public institutions and facilities</li><li>• Application of universal design without elements that cause physical restriction</li></ul>
public services	<ul style="list-style-type: none"><li>• Cleanliness of public toilets and installation of safety facilities is insufficient.</li></ul>	<ul style="list-style-type: none"><li>• Age-friendly design and safety installation for the elderly and whole local residents</li></ul>

## ② Area 4 : Housing

### ■ Goal : Creating a pleasant residential environment

■ [table 4] Key Issues and Tasks for Area 4

Detailed Objectives	Key Issues	Strategic Tasks
Supply elderly-friendly houses	<ul style="list-style-type: none"> <li>• Inadequate supply of elderly - friendly houses</li> </ul>	<ul style="list-style-type: none"> <li>• Supply housing such as rental houses for the elderly or elderly group homes</li> </ul>
Create an elderly-friendly house structure	<ul style="list-style-type: none"> <li>• It is difficult to purchase housing renovation equipment suitable for the elderly, and is the available systems are vulnerable in the event of a natural disaster.</li> </ul>	<ul style="list-style-type: none"> <li>• Support for the improvement of housing and the installation of safety facilities for the elderly persons who are living alone</li> </ul>
Provide elderly-friendly residential services	<ul style="list-style-type: none"> <li>• Lack of services such as housing renovation or consultation on housing issues</li> <li>• Lack of various welfare and housing facilities for the elderly</li> </ul>	<ul style="list-style-type: none"> <li>• Establishment of residential welfare centers that can manage and operate housing welfare-related affairs</li> <li>• Attempt to renovate facilities for the elderly and convert them into living facilities and care centers for the low-income elderly</li> <li>• Provision of housing and welfare centers for the elderly</li> <li>• Attaching health condition check stickers to the elderly residential houses</li> </ul>

## ③ Area 5 : Transportation

### ■ Goal : Creating a better city to live in

■ [table 5] key issues and tasks for area 5

Detailed Objective	Key Issues	Strategic Tasks
Elderly-friendly public transportation	<ul style="list-style-type: none"> <li>• Lack of elderly-friendly public transportation</li> </ul>	<ul style="list-style-type: none"> <li>• Supplying low-floor buses, free shuttles, volunteer vehicles</li> <li>• Assign inspectors to identify problems such as departure before boarding and leaving, not stopping for the elderly, unkindness, reckless driving, and failure to carry out announcements.</li> </ul>
Considering aged drivers' safety	<ul style="list-style-type: none"> <li>• Priority parking area for the elderly is not secured</li> <li>• Lack of safety considerations for elderly persons who are driving, such as the absence of self-driving information boards for the elderly.</li> </ul>	<ul style="list-style-type: none"> <li>• Securing preferential parking areas for the elderly</li> <li>• Promote activities for the elderly to help prevent traffic accidents through the granting of silver marks and education.</li> <li>• Education on safe driving and changed traffic laws for elderly drivers</li> <li>• Educate local residents to expand their awareness and provide consideration for aged drivers.</li> </ul>

## **(C) A Community Where Everybody Wants to Live**

- There are three areas: Social respect and consideration; Communication and information; Social participation**

### **① Area 6 : Social Participation**

- Goal : Cultivate a culture of dignity**

**■ [table 6] key issues and tasks for area 6**

Detailed Objectives	Key Issues	Strategic Tasks
Ease of access to social engagement	<ul style="list-style-type: none"><li>• It is difficult to understand the methods and procedures for participating in social activities, and there is inadequate traffic information to visit the places of activities.</li></ul>	<ul style="list-style-type: none"><li>• Strengthen accessibility and various promotional activities to encourage social activities</li><li>• Ensure that various generations can participate by selecting promotional methods and locations.</li></ul>
The mingling of different generations in the community	<ul style="list-style-type: none"><li>• Lack of opportunities and space for generational harmony and conflict resolution</li></ul>	<ul style="list-style-type: none"><li>• Hosting events and providing places to promote harmony, communication between generations, and interest in elderly issues.</li></ul>

### **② Area 7 : Social Respect and Consideration**

- Goal : Set the foundations for social integration with a comfortable retired life**

■ [table 7] key issues and tasks for area 7

Detailed Objectives	Key Issues	Strategic Tasks
<p>Creating a generational bond within the community</p>	<ul style="list-style-type: none"> <li>• Lack of opportunities to participate in events and programs provided by local communities and schools</li> <li>• Lack of bond between generations</li> <li>• Lack of positive awareness of the elderly</li> </ul>	<ul style="list-style-type: none"> <li>• Preparation of programs for communication between the elderly and the younger generation</li> <li>• Improving the positive image of the elderly through various media and contents</li> <li>• Providing opportunities to reinforce the perception that the elderly can work as members of society</li> </ul>
<p>Promote respect for the elderly and spread a positive image of the elderly</p>	<ul style="list-style-type: none"> <li>• Lack of efforts to reflect the needs and preferences of the elderly in the community</li> </ul>	<ul style="list-style-type: none"> <li>• Expanding social participation for the physical, social, and mental health of the elderly</li> <li>• Expansion of various systems to promote economic independence and health of the elderly</li> <li>• Activities and campaigns for respect and consideration for the elderly in the local community</li> </ul>
<p>Establishing a community environment to protect the elderly's rights</p>	<ul style="list-style-type: none"> <li>• Lack of active community efforts to prevent abuse and discrimination against the elderly</li> </ul>	<ul style="list-style-type: none"> <li>• Prioritizing projects to raise local residents' awareness of elder abuse and human rights</li> </ul>



③ Area 8 : Communication and information

■ Goal : Recreation of cultural spaces such as spaces in public facilities

■ [table 8] key issues and tasks for area 8

Detailed Objective	Key Issues	Strategic Tasks
Provide elderly-friendly information	<ul style="list-style-type: none"> <li>• Not considering the elderly's interests and understanding in the media</li> </ul>	<ul style="list-style-type: none"> <li>• Visual and auditory consideration for the elderly in public institutions and facility announcements</li> <li>• Various social participation activities and sharing health-related information with reference to the elderly's cultural and leisure life, volunteer activities, and jobs through various media</li> </ul>
Elderly-friendly information on information technology	<ul style="list-style-type: none"> <li>• Difficulty in learning and using the Internet and computers in public institutions</li> </ul>	<ul style="list-style-type: none"> <li>• Extending opportunities to improve the informatization ability of the elderly</li> </ul>
Improve the convenient use of public institutions and information	<ul style="list-style-type: none"> <li>• It is not convenient to use public institutions and there is inadequate information that is beneficial to the elderly.</li> </ul>	<ul style="list-style-type: none"> <li>• Placement of information officers in consideration of the elderly who have difficulty working with the Internet in public facilities</li> </ul>

## ㄱ) Action Plan for Creation of an Age-friendly City

### (1) Basic Conception

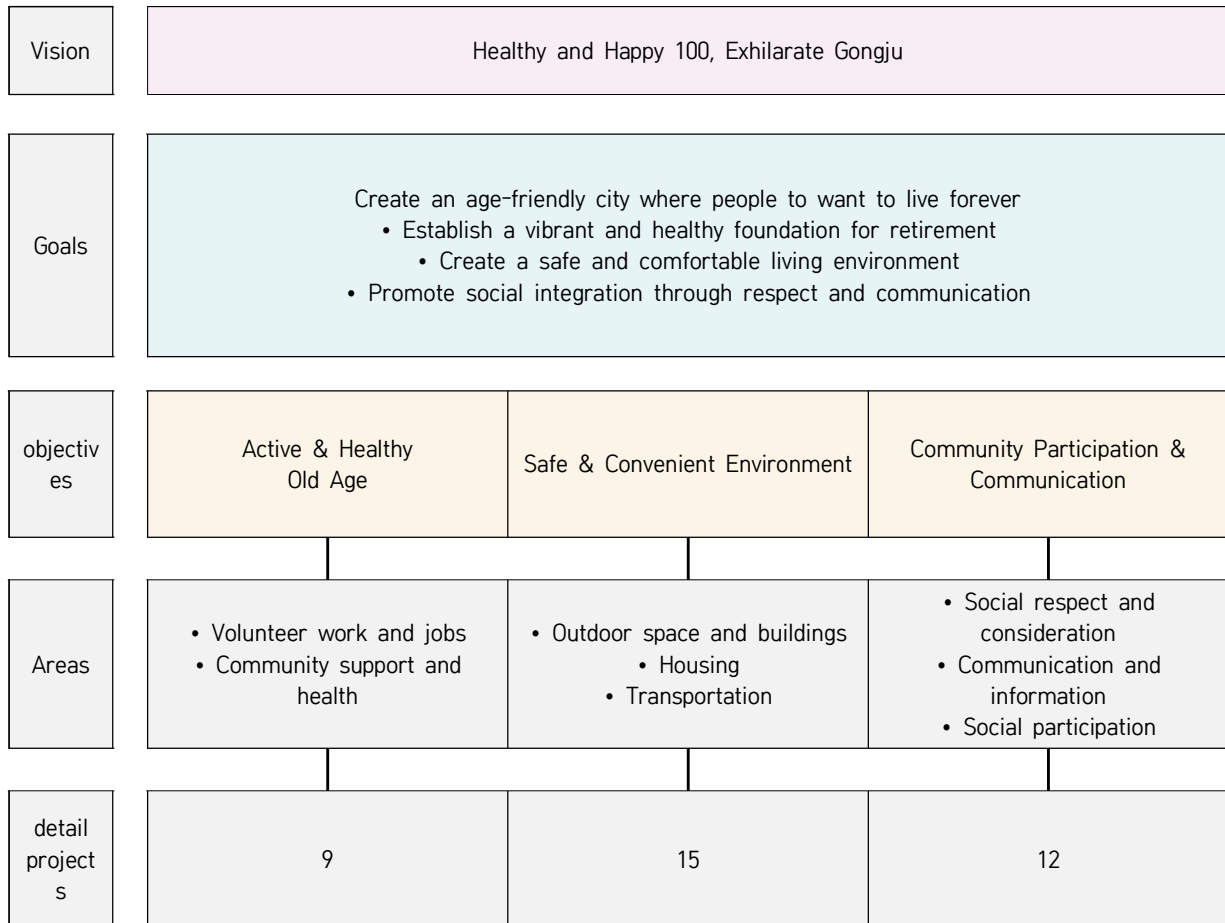
#### (㉠) SWOT Analysis

<b>Strength</b>		<b>Weakness</b>
<ul style="list-style-type: none"> <li>• Strong will to create an aged-friendly city</li> <li>• Promoting various health and welfare policies for the elderly</li> <li>• Gongju provides easy access to large cities as a major center of road transportation</li> <li>• Expanding social participation activities of the elderly</li> <li>• Thirty detailed projects are being implemented to achieve the four core implementation strategies in the 4th Community Security Plan.</li> <li>• Spreading social participation activities for senior citizens centered on senior clubs, creating leisure cultural facilities for senior citizens in the neighborhood, and supporting customized lifelong learning</li> <li>• Expanding social participation through community recovery</li> </ul>		<ul style="list-style-type: none"> <li>• Insufficient social awareness/preparation for aging</li> <li>• Lack of outside spaces, age-friendly transportation amenities, residential facilities, and services for the elderly in preparation for their retirement</li> <li>• Lack of educational welfare for the elderly, cultural leisure facilities, insufficient care system, welfare facilities, and nursing facilities for the elderly</li> <li>• Vulnerable old-age income security system such as public pensions and support to prevent poverty among the elderly</li> <li>• It is urgent to create jobs for senior citizens in the areas of public and private sector.</li> <li>• Lack of consciousness and communication to resolve conflicts between generations</li> <li>• Restrictions on accessibility to information</li> </ul>
<b>SWOT</b>		
<ul style="list-style-type: none"> <li>• Changes in social perception regarding the elderly</li> <li>• Expanding policy support for improving the quality of life for the elderly</li> <li>• Expanding the establishment of an elderly-friendly environment as part of the promotion of an age-friendly city</li> <li>• Expanding the creation of a pleasant walking environment and public parking lot</li> <li>• Making public health facilities infrastructure based on health demands</li> <li>• Expanding strategic urban regeneration in old downtown areas</li> </ul>		<ul style="list-style-type: none"> <li>• Increased health threats for the elderly due to the COVID-19</li> <li>• Low financial independence compared to cities of similar size</li> <li>• High crime rate and anxiety in the community</li> <li>• Poor access to urban living conditions and transportation</li> <li>• Aging society due to a decrease in the total population along with a continuous increase in the proportion of elderly population</li> <li>• Poor traffic service between the center and periphery of city</li> <li>• Increasing number of elderly persons living alone</li> <li>• Increased social burden due to the aging index and increased support costs</li> <li>• Demand for welfare of senior citizens has soared</li> <li>• Decline in the culture of respecting the elderly and reduced opportunities for integration among generations</li> </ul>
<b>Opportunity</b>		<b>Threat</b>

■ [picture 1] SWOT Analysis of Gongju's Age-friendly Development

## (L) Vision and Objectives

The vision and objectives for the creation of an age-friendly city in Gongju were established through the 'Diagnosis Results for the 8 Areas of the WHO Guidelines' and 'Monitoring Results for Experts and Citizens'.



■ [picture 2] Vision system for age-friendly city, Gongju

## (1) Three Objectives and Eight Areas

### (C) 3 objectives and 8 areas

Three Objectives and Eight Areas The three main objectives of the age-friendly city are: Activity and health; Pleasant and safe environment; and A community where everybody wants to live. We further divided these objectives into eight areas.

- Activity and Health
  - Area 1 : Volunteer work and jobs
  - Area 2 : Community support and health
- Pleasant and safe environment
  - Area 3 : Outdoor space and buildings
  - Area 4 : Housing
  - Area 5 : Transportation
- Community that everybody wants to live in
  - Area 6 : Social participation
  - Area 7 : Social respect and consideration
  - Area 8 : Communication and information

■ [table 9] 3 objectives and 8 areas

Objectives	Areas	number of detail projects
Activity and health	• Area 1 : Volunteer work and jobs	2
	• Area 2 : Community support and health	7
Pleasant and safe environment	• Area 3 : Outdoor space and buildings	6
	• Area 4 : Housing	1
	• Area 5 : Transportation	8
A community where everybody wants to live	• Area 6 : Social participation	3
	• Area 7 : Social respect and consideration	3
	• Area 8 : Communication and information	6
total		36

## (2) Detail projects

### (7) Activity and Health

■ [table 10] strategic goal map

objective	area	detail project	2021	2022	2023
Activity and health	Volunteer work and jobs	Promoting the expansion of jobs for senior citizens to allow them lead a vibrant retirement life	◎	◎	◎
		Operation of volunteer programs by life cycle		◎	◎
	Community support and health	Enhancement of the local residents' health partnership and the "100-year-old health room" function	◎	◎	◎
		Creating a healthy city of well-being and well-dying	◎	◎	◎
		Providing high-quality care services for happy retirement	◎	◎	◎
		Establishment of Public Health Facilities Infrastructure by health demand	◎	◎	◎
		One-Stop Dementia Integrated Management Project	◎	◎	◎
		Safe City for the Elderly with Smart Technology	◎	◎	◎
Creating a playground for the elderly	◎				

### ① Volunteer work and jobs

■ [table 11] Details of Volunteer work and jobs

No.	project name	project contents
1-1	Promoting the expansion of jobs for senior citizens to allow them lead a vibrant retirement life	<ul style="list-style-type: none"> <li>Improving a stable sense of belonging to the society in old age by expanding jobs for senior citizens</li> </ul>
1-2	Operation of volunteer programs by life cycle	<ul style="list-style-type: none"> <li>Social contribution of various elderly people to create positive results, such as successful community integration, etc. £</li> <li>Expanding opportunities for volunteer activities</li> </ul>

## ② Community support and health

■ [table 12] Details of Community support and health

No.	project name	project contents
2-1	Enhancement of local residents' health partnership and the "100-year-old health room" function	<ul style="list-style-type: none"> <li>• Continuous health education, counseling, and visiting health management</li> </ul>
2-2	Creating a healthy city of well-being and well-dying	<ul style="list-style-type: none"> <li>• Spreading the culture of an elderly-friendly healthy city through continuous health care, education, counseling projects and visiting services for the elderly who may live up to the age of 100 due to the extension of their life span</li> </ul>
2-3	Providing high-quality care services for happy retirement	<ul style="list-style-type: none"> <li>• Improving the treatment provided by long-term caregivers to ensure happy retirement of senior citizens in nursing homes and protecting the human rights of senior citizens</li> </ul>
2-4	Establishment of Public Health Facilities Infrastructure based on Health Demand	<ul style="list-style-type: none"> <li>• Strengthen public health functions, expand public health facilities by health demands, and provide specialized health and medical services by health sector</li> </ul>
2-5	One-Stop Dementia Integrated Management Project	<ul style="list-style-type: none"> <li>• Social care for the elderly with dementia and prevention of progressive dementia</li> </ul>
2-6	Safe City for the Elderly with Smart Technology	<ul style="list-style-type: none"> <li>• Prevent lonely deaths of elderly living alone through smart inspection and realize a safe and happy city where senior citizens can live safely</li> </ul>
2-7	Creating a playground for the elderly	<ul style="list-style-type: none"> <li>• Creating a barrier-free playground where children and seniors can hang out together</li> </ul>

## (L4) Pleasant and safe environment

■ [table 13] Strategic Task Roadmap

objective	area	detail projects	2021	2022	2023
Pleasant and safe environment	Outdoor space and buildings	Improvement of the sidewalk environment for the creation of a street where one feels safe to walk	◎	◎	◎
		Improvement of park facilities for safe enjoyment	◎	◎	◎
		Public Toilet Management	◎	◎	◎
		Creation of Healing Forest Leisure Green Area		◎	
		Installation of various convenience facilities in the City Hall and Community Center	◎	◎	◎
		Installation and management of public relations facilities	◎	◎	◎
	housing	Creating a safe and pleasant housing environment	◎	◎	◎
	transportation	Provide safe and convenient public transportation services	◎	◎	◎
		Expanding opportunities for social participation to guarantee transportation rights for the weak and elderly	◎	◎	◎
		Safety education for prevention of bicycle traffic accidents	◎	◎	◎
		Creating parking lots	◎	◎	◎
		Expansion and operation of citizen-centered transportation facilities	◎	◎	◎
		Refurbishing old bus shelters & building new ones	◎	◎	◎
		A project to improve protection zones for the elderly	◎	◎	◎
	A project to create an atmosphere of consideration for elderly driving their vehicles	◎	◎	◎	

① Outdoor Space and Buildings

■ [table 14] Outdoor Space and Buildings - Detailed Projects

No.	Project Name	Project Contents
3-1	Improvement of the sidewalk environment for the creation of a street where one feels safe to walk	<ul style="list-style-type: none"> <li>Improvement and maintenance of old and damaged sidewalks to create a pleasant walking environment that is convenient for the elderly and the weak to move</li> </ul>
3-2	Improvement of park facilities for safe enjoyment	<ul style="list-style-type: none"> <li>Attempting to change parks continuously into a healing space in the city where visitors can experience culture in a safe environment and pursue a healthy and leisurely life</li> </ul>
3-3	Public Toilet Management	<ul style="list-style-type: none"> <li>Creation of a safe environment by installing universal design signs with increased visibility and seat belts in case of emergency in the public toilets</li> </ul>
3-4	Healing Forest Leisure Green Area Creation	<ul style="list-style-type: none"> <li>Expanding the creation of barrier-free spaces and themed healing forests for senior citizens</li> </ul>
3-5	Installation of various convenience facilities in the City Hall and Community Center;	<ul style="list-style-type: none"> <li>Protection of the elderly's life and property rights using the government office building by installing and strengthening elderly-friendly safety facilities and convenience facilities</li> </ul>
3-6	Installation and management of public relations facilities;	<ul style="list-style-type: none"> <li>Express in calligraphy and images and place on the signboards of overpasses, messages such as the honor of the elderly, and publicize related phrases or poems related to the experience-friendly environment</li> </ul>

② Housing

■ [table 15] Housing - detail projects

No.	Project Name	Project Contents
4-1	Creating a safe and pleasant housing environment	<ul style="list-style-type: none"><li>• Improvement of the environment, such as the long-term cotton of residential facilities, and the creation of a residential environment satisfied by the whole generation through consulting on apartment management</li></ul>



### ③ Transportation

■ [table 16] Transportation – detail projects

No.	Project Name	Project Contents
5-1	Provision safe and convenient public transportation services	<ul style="list-style-type: none"> <li>• Improvement of bus services to the satisfaction of the elderly by establishing an appropriate bus operation order and operating the bus law by addressing complaints and establishing standards for implementing bus services</li> </ul>
5-2	Expanding opportunities for social participation to guarantee transportation rights for the weak;	<ul style="list-style-type: none"> <li>• Additional introduction of special transportation methods to provide transportation convenience for the weak and ensure efficient operation to improve welfare of the weak and provide them opportunities for social participation</li> </ul>
5-3	Safety education for prevention of bicycle traffic accidents	<ul style="list-style-type: none"> <li>• Operation of bicycle lanes and preferential roads for pedestrians</li> </ul>
5-4	Creating parking lots	<ul style="list-style-type: none"> <li>• Securing parking areas for senior citizens when establishing parking lots to ease parking difficulties</li> </ul>
5-5	Expansion and operation of citizen-centered transportation facilities	<ul style="list-style-type: none"> <li>• Installation of transportation facilities in consideration of the weak and elderly</li> </ul>
5-6	Refurbishing old bus shelters & building new ones	<ul style="list-style-type: none"> <li>• Preparation of rest facilities to provide safety against heat and cold in bus stops</li> </ul>
5-7	A project to improve protection zones for the elderly	<ul style="list-style-type: none"> <li>• Prevention of traffic accidents by installing traffic safety facilities such as vehicle speed restrictions, installation of signs in protected areas, installation of anti-slip facilities, etc.</li> </ul>
5-8	A project to create an atmosphere of consideration for elderly persons driving their vehicles	<ul style="list-style-type: none"> <li>• Securing parking areas that provide preferential parking for senior citizens and educating local residents in consideration of the elderly's driving</li> </ul>

## (C) Community that everybody wants to live in

■ [table 17] Strategic task roadmap

objective	area	detail projects	2021	2022	2023
Community that everybody wants to live in	Social respect and consideration	100-year-old Happy City	◎	◎	◎
		Establishment of an action plan to encourage the elderly to be happy and respected;	◎	◎	◎
	communication and information	Informatization education for the disadvantaged information class	◎	◎	◎
		Operation of aged-friendly public library services	◎	◎	◎
		Operation of the Senior Policy Monitoring Press Group	◎	◎	◎
	social participation	Operation and programming of the hub senior citizen center	◎	◎	◎
		Expansion of sports facilities centered on citizens	◎	◎	
		Creating sports conditions for everyone to enjoy;	◎	◎	◎
		Improvement of public sports facilities and enhancement of utilization rate;	◎	◎	◎
		Operation of the Aging-Friendly Life Support Center	◎	◎	◎
		Region IN - Successful Retirement Project		◎	◎

### ① Social respect and consideration

■ [table 18] Social Respect and Consideration - Detailed Projects

No.	Project Name	Project Contents
6-1	Free meals for elderly facilities	• Revitalization of senior citizen centers and elimination of concerns over the disappearance of vulnerable elderly people due to the increase in the proportion of elderly population
6-2	100-year-old Happy City	• Prevention of elder abuse by expanding citizens' interest in elder abuse and awareness of human rights of the elderly
6-3	Establishment of an action plan to encourage the elderly to remain happy and respected;	• Commendation to encourage exemplary and meritorious persons engaged in elderly service and elderly welfare that have contributed to society and induce citizen participation to reinforce the 'Filial Duty Culture' (Hyo, in Korean).

## ② Communication and information

■ [table 19] Communication and Information - Detailed Projects

No.	Project Name	Project Contents
7-1	Informatization education for the information-disadvantaged class	Collective informatization education to assist the information-disadvantaged class
7-2	Operation of aged-friendly public library services	Creating an elderly-friendly space in the library to operate participatory cultural programs and provide preferential reading services for senior citizens
7-3	Operation of the Senior Policy Monitoring Press Group	Ensure visual and auditory consideration of the elderly in public institutions and facility announcements; reinforce efforts to share information on the elderly's cultural and leisure life, volunteer activities, and jobs through various media

## ③ Social participation

■ [table 20] Social Participation - Detailed Projects

No.	Project Name	Project Contents
8-1	Operation and programming of the Hub Senior Citizen Center	Mid-hub-type senior citizen center for welfare centers and senior citizen centers to accommodate the new elderly population
8-2	Expansion of sports facilities centered on senior citizens	Expansion of sports facilities for easy access
8-3	Creating sports conditions for everyone to enjoy	Creating customized living sports and lifelong sports activities centered on elderly consumers
8-4	Improvement of public sports facilities and enhancement of utilization rate	Increase the stability and utilization rate of senior citizens using facilities by improving facilities
8-5	Operation of the Aging-Friendly Life Support Center	Expand support for the successful post-retirement life of baby boomers by creating jobs, strengthen communication between baby boomers, encourage the retired persons to contribute to society, and provide opportunities to participate in talent donation
8-6	Region IN - Successful Retirement Project	By providing comprehensive information focusing on the region through the production of regional debut guidebooks, the project prevents secondary problems during the transition period and supports the healthy and energetic design of baby boomers' second life.

## C) Project Implementation Plan

### (1) Activity and Health

There are two areas: Volunteer work and jobs; Community support and health.

### (7) Volunteer work and jobs

#### ① Promoting the Expansion of Jobs for Senior Citizens for a Vibrant Retired Life

■ [table 21] issues and Strategic Tasks 1

Area	No.	Issues	Strategic tasks
Volunteer work and jobs	1-1	Realization of the best welfare (job) by supporting various jobs and social activities for senior citizens who wish to work	Improving a stable sense of belonging to the society by expanding jobs for senior citizens

#### Background and Necessity of Implementation

- Increasing number of senior citizens who lose their income between early retirement and high life expectancy
- The elderly are highly willing to work and participate in society.
- The diagnosis of Gongju's age-friendliness revealed that there is a high level of dissatisfaction among senior citizens with regard to employment opportunities. It is necessary to preserve old age income and increase the opportunity to participate in society by expanding jobs for senior citizens.

#### Promotion Plan

- Create diverse jobs
- Expand support for jobs and social activities tailored to the elderly (public interest, market type, manpower dispatch type, social service type)
- Selection of private institutions by region
- The project is carried out such that senior citizens in the jurisdiction can participate evenly.
- Development of a competency-building program to maintain employment of senior citizens
- Operation of the Silver Talent Center for the Elderly (employment, employment counseling)

#### Expected Effects

- Increase opportunities for senior citizens to participate in society by expanding

job opportunities after retirement

- Contribute to an active retired life, by measures such as improving health, promoting social relationships, and supplementing income;

## ① Operation of Volunteer Programs by Life Cycle

■ [table 22] Issues and Strategic Tasks 2

Area	No.	Issues	Strategic tasks
Volunteer work and jobs	1-2	<ul style="list-style-type: none"><li>• There aren't many volunteer activities in which senior citizens can participate.</li><li>• Difficulty in participating in volunteer activities</li></ul>	<ul style="list-style-type: none"><li>• Database establishment for elderly volunteers</li><li>• Development and connection of customized volunteer programs</li><li>• Expanding volunteer education for senior citizens</li></ul>

### Background and Necessity of Implementation

- As of 2020, the number of senior citizens in Gongju was 27,778, accounting for 24.8% of the total population. The region has witnessed the emergence of social problems as a result of the entry into the super-aged society.
- Economic backwardness due to retirement from work
- Loneliness due to alienation from society or family
- Failing health due to aging
- Sense of loss caused by exclusion from economic and social roles
- In particular, since this sense of loss can trigger other kinds of pain, urgent measures should be taken. One of these measures is to promote volunteer activities in which the elderly can participate.

### Promotion Plan

- Improve and promote awareness of volunteer services for senior citizens through business agreements with senior citizens' organizations
  - Efficient connection and management of volunteering through establishment of a database
  - Promotion of customized volunteer activities suitable for the elderly
  - Settlement of volunteer activities through continuous follow-up management
- Expected Effects
- Giving diverse opportunities in which the elderly can participate
  - Improving the self-esteem and confidence of the elderly, improving their life

satisfaction, and establishing a positive image of the elderly in society

- Expanding opportunities for social contributions and volunteer activities of elderly people who can produce positive results, such as successful integration of the community

## (L4) Community Support and Health

### ① Enhancement of Local Residents' Health Partnership and the "100-year-old health room" Function

■ [table 23] Issues and Strategic Tasks 3

Area	No.	Issues	Strategic tasks
Community support and Health	2-1	<ul style="list-style-type: none"> <li>Lack of customized medical welfare facilities and complicated procedures and standards</li> </ul>	<ul style="list-style-type: none"> <li>Continuous health education, counseling, and home visits</li> <li>Expanding health projects for health care</li> </ul>

#### Background and Necessity of Implementation

- Need to establish a public health and medical institution that is easy for the elderly population to access, given the increase in the population of single elderly people and senior citizens
- Extend life expectancy and serve as a health guardian for local residents who will lead the healthy 100-year-old era.
- Promotion Plan
  - Set up as a primary health care institution for the local residents
  - Visiting health care at senior citizen centers
- Expected Effects
  - Improve local residents' self-health management by building a database of the results of basic health examinations conducted periodically
  - Improving the quality of life for the vulnerable and reinforcing health equity

### ① Creating a Healthy City of Well-being and Well-dying

■ [table 24] Issues and Strategic Tasks 4

Area	No.	Issues	Strategic tasks
Community support and health	2-2	<ul style="list-style-type: none"> <li>Increasing number of elderly people taking multiple drugs due to chronic diseases</li> <li>The need to live a healthy life until death and protect the right to human dignity and self-determination of life-long medical care</li> </ul>	<ul style="list-style-type: none"> <li>Training for safe use of medicines</li> <li>Visiting drug businesses</li> <li>Promotion, consultation, and education on self-determination regarding life-saving medical care in advance</li> <li>Spreading the culture of an elderly-friendly city</li> </ul>

#### Background and Necessity of Implementation

- The need to strengthen the health of the elderly living with diseases, physical discomfort and emotional anxiety for a large amount of time in their old age is recognized as an important challenge of the times.
- Health awareness and paradigm shift have highlighted need to protect the value of human dignity along with the right to self-determination of life and longevity.
- Promotion Plan
  - Continuous health care education and counseling
  - Visits of drug businesses and training for safe use of medicines (senior citizen center, welfare center, elderly living alone, etc.)
  - Visiting services are provided for vulnerable people and elderly people who are not comfortable with the behavior of the attendants available to them.
  - Spreading the culture of aged-friendly healthy city
- Expected Effects
  - Improving the management of chronic diseases and self-health management skills of senior citizens who take multiple drugs for medication
  - Protect the right to self-determination and the value of human dignity for life-long care and create an environment where people can end their lives comfortably.

## ② Providing High-quality Care Services for Happy Retirement

■ [table 25] Issues and Strategic Tasks 5

Area	No.	Issues	Strategic Tasks
Community support and health	2-3	<ul style="list-style-type: none"> <li>• Increased cases of elder abuse in facilities</li> <li>• Raising a request for improvement of treatment and status of poor long-term care workers</li> </ul>	<ul style="list-style-type: none"> <li>• Promotion of projects for prevention of elder abuse in facilities</li> <li>• Establishment and operation of a long-term care support center</li> </ul>

### Background and Necessity of Implementation

- Local governments' roles and responsibilities for elderly care services are emphasized in view of the rise in the proportion of the aging population.
- Long-term care workers who provide direct services to the elderly should be trained appropriately to prevent abuse of the elderly in the facilities through continuous education to strengthen their capabilities and improve awareness of elder abuse.
- Most long-term care centers are in poor working conditions due to lack of interest and institutional support for long-term care centers, which are direct



providers of service for senior citizens.

- Promotion Plan
  - Enactment of the Ordinance on the Improvement of the Treatment and Status of Long-Term Care Workers
  - Establishment and operation of a long-term care support center
- Expected Effects
  - Providing high-quality care services for senior citizens who enter the hospital by improving the treatment and working conditions for long-term care workers
  - Contribute to the happy retirement of senior citizens in the facility and ensure the protection of human rights

### ③ Establishment of Public Health Facilities Infrastructure by Health Demand

■ [table 26] Issues and Strategic Tasks 6

Area	No.	Issues	Strategic tasks
Community support and health	2-4	<ul style="list-style-type: none"> <li>• Ensuring accessibility to public health care to realize a change from a supplier-oriented to consumer-oriented system</li> <li>• Remove hurdles in seeking follow-up treatment, and work on the need to establish a regional public health model through public and private cooperation</li> </ul>	<ul style="list-style-type: none"> <li>• Establishment of infrastructure for public health facilities</li> </ul>

#### Background and Necessity of Implementation

- Considering the current situation in which one in ten elderly people is a dementia patient, public health facilities such as centers for dementia patients and rehabilitation centers for senile dementia should be established in preparation for a new era of people aged 100 years
- Providing customized public health services to address health inequality of citizens, encourage people to have children, and promote health
- Promotion Plan
  - Specialized health functions for each target in line with the concept of age-friendly cities;
  - Expansion of public health facilities for the benefit of citizens;
- Expected Effects
  - Strengthen public health functions and improve citizens' convenience and access to medical services

#### ④ One-Stop Dementia Integrated Management Project

■ [table 27] Issues and Strategic Tasks 7

Area	No.	Issues	Strategic Tasks
Community support and Health	2-5	<ul style="list-style-type: none"> <li>• Negative perception of dementia in the community</li> <li>• Lack of community care services</li> </ul>	<ul style="list-style-type: none"> <li>• Social care and prevention of progressive dementia for the elderly with dementia</li> <li>• Community-level dementia prevention activities</li> <li>• Establish projects to support dementia diagnosis costs and treatment costs</li> </ul>

##### Background and Necessity of Implementation

The number of dementia patients is increasing rapidly due to the increase in the proportion of aging population, and the need to contain dementia through early detection and continuous management

##### Promotion Plan

- Detection and management of cognitive impairment through early examination to diagnose dementia
- Improving the negative image of dementia among local residents through projects to improve community awareness
- Expected Effects
  - Reduce prevalence of dementia and prevent severe dementia
  - Improving the quality of life for dementia patients and their families by reducing the burden of support for families with dementia patients

#### ⑤ Safety City for the Elderly with Smart Technology

■ [table 28] Issues and Strategic Tasks 8

Area	No.	Issues	Strategic tasks
Community support and health	2-6	<ul style="list-style-type: none"> <li>• Increased loneliness of elderly living alone</li> </ul>	<ul style="list-style-type: none"> <li>• Prevention of lonely death by applying smart meter technology to water meters, gas meters, electric meter, etc.</li> </ul>

##### Background and Necessity of Implementation

- As of 2019, there are 7,736 elderly people aged 65 or older living alone, and the numbers are steadily increasing.
- Increased loneliness of single-person households with long-term elderly and disconnected family relationships

- Need to resolve the problems of old age, such as relieving the fear of lonely death among the elderly living alone;
- Promotion Plan
  - Health notifications and emergency safety notification project using IoT
  - Establishment of a smart meter reading system
    - Establish a system to visit and monitor households of elderly people living alone without gas meter, electric meter, and water supply for a certain period of time
  - Establishment of a system for social welfare workers, such as administrative welfare centers;
- Expected Effects
  - Solving social problems by measures such as prevention of lonely deaths of elderly living alone through smart inspections
  - Implement a safe and happy city where senior citizens can live with confidence

## ⑥ Creating a playground for the elderly

■ [table 29] Issues and Strategic Tasks 9

Area	No.	Issues	Strategic tasks
Community support and health	2-7	<ul style="list-style-type: none"> <li>• Lack of exercise space for the elderly population</li> </ul>	<ul style="list-style-type: none"> <li>• Creating a playground where the elderly and children can exercise together</li> <li>• Placement of rides tailored to the elderly</li> </ul>

- Background and Necessity of Implementation
  - As of 2019, the city has 7,736 elderly people aged 65 or older who are living alone, and the numbers are steadily increasing.
  - Increased loneliness of single-person households with long-term elderly and disconnected family relationships Need to resolve the problem of old age, such as relieving the fear of lonely death among the elderly living alone;
- Promotion Plan
  - Health notifications and emergency safety notification projects using IoT
  - Establishment of a smart meter reading system
  - Visits to check on the households of elderly persons living alone with no use of gas, electricity and water for a certain period of time
  - Establishment of a system for social welfare workers, such as administrative

welfare centers

○ Expected Effects

- Solving social problems by measures such as prevention of lonely deaths of elderly persons living alone through smart inspection
- Implement a safe and happy city where senior citizens can live with confidence

**(2) Pleasant and Safe Environment**

- There are three areas: Outdoor space and buildings; Housing; Transportation

**(7) Outdoor Space and Buildings**

**① Improvement of the Sidewalk Environment for the Creation of a Street where One Feels Safe to Walk**

■ [table 30] Issues and Strategic Tasks 10

Area	No.	Issues	Strategic tasks
Outdoor space and buildings	3-1	• Risk of pedestrian safety due to bumps and subsidence caused by old pavement materials and root containers for street trees	• Improvement of pavement quality and the pedestrian environment

Background and Necessity of Promotion

- Pedestrian inconvenience due to damage to sidewalks caused by root containers of old street trees and vehicles invading sidewalks
- Promotion Plan
  - Creating a convenient and pleasant walking environment for women, the elderly, and the transportation-vulnerable through the maintenance of old and damaged sidewalks
- Expected Effects
  - Reduced emissions from private cars due to the increase in the pedestrian population by improving the pedestrian environment
  - Promote the health of the entire nation by increasing outdoor activities for women, children, the elderly, etc.
  - Reduction of pedestrian accidents through maintenance of sidewalks

**② Improvement of Park Facilities for Safe Enjoyment**

■ [table 31] Issues and Strategic Tasks 11

Area	No.	Issues	Strategic tasks
Outdoor space and buildings	3-2	<ul style="list-style-type: none"> <li>• Insufficient outdoor facilities for social underdogs and lack of a safe park environment</li> </ul>	<ul style="list-style-type: none"> <li>• Continuous efforts to change parks and outdoor spaces into healing spaces in the city where visitors can experience culture and find a healthy and leisurely life in a safe environment</li> </ul>

Background and Necessity of Promotion

- As citizens' standards increase, they demand a safe and convenient park environment, so it is necessary to form a social consensus and present solutions.
- Revitalize urban spaces to meet the high expectations of citizens by maintaining old facilities and improving the city environment
- Promotion Plan
  - Considering the socially disadvantaged and creating a safe park environment
  - Creating a park with cultural activities and avenues for leisure and communication
- Expected Effects
  - Improve park facilities for citizens to relax by creating a safe and pleasant environment all 365 days of the year
  - Re-creating the park as a space where various social groups can meet to pursue safe and diverse activities in addition to resting areas;

③ Public Toilet Management

■ [table 32] issues and strategic tasks 12

Area	No.	Issues	Strategic tasks
Outdoor space and buildings	3-3	<ul style="list-style-type: none"> <li>• Safety accidents, inconvenience and falls may occur when the use of toilets increases due to weakened physical functions.</li> </ul>	<ul style="list-style-type: none"> <li>• Installation of universal design signs that enhance visibility so that senior citizens can use the restroom easily and conveniently</li> <li>• Prevent slipping, set up safety bars, seatbelts, etc. in the bathroom to prevent safety accidents, etc.</li> </ul>

Background and Necessity of Promotion

- As the elderly's need to use toilets frequently increases due to the weakening of their physical functions, the number of elderly people using public toilets (including open toilets) is bound to increase.

- In particular, it is difficult for senior citizens who use public transportation such as subways to find public toilets because there is no burden on transportation costs.
- Due to weakness in the lower body such as joints, the use of the toilet seat is very inconvenient and may cause safety accidents such as slipping on the floor if the toilet is watery.
- o Promotion Plan
  - Universal design direction signs should be installed with high visibility for senior citizens at a certain distance around public toilets.
  - Prevent accidents by installing toilets, non-slip floors, safety bars, and seatbelts that are convenient for senior citizens to use.
- o Expected Effects
  - Improving the satisfaction of senior citizens using the facilities by installing signs that can help them find public toilets easily and conveniently
  - Preventing elderly safety accidents and supporting outdoor activities by improving the inside of safety facilities

#### ④ Healing Forest Leisure Green Area Creation

■ [table 33] issues and strategic tasks 13

Area	No.	Issues	Strategic tasks
Outdoor space and buildings	3-4	<ul style="list-style-type: none"> <li>• Lack of a safe and healing green healing space for the retired 50 plus generation (multi-tier</li> </ul>	<ul style="list-style-type: none"> <li>• Expanding the creation of barrier-free spaces and theme healing forests for the elderly (including multi-tier and socially disadvantaged);</li> </ul>

Background and necessity of propulsion

- Of the total population of Gongju, the 50+ generation is 53.6% (including 50 years old and more than half of the population), which accounts for more than half of the population, and green welfare services are desperately needed to form a social consensus on the external environment.

Promotion plan

- Implement a healthy and vibrant city by introducing facilities for the expansion of green welfare for 50 plus generations.
- Create a barrier-free deck road and a safe and convenient forest road for the elderly and the socially disadvantaged;

- Expansion of emotional space

Expected effect

- Implement a healthy and happy city by expanding customized green welfare services for senior citizens.
- Adaptation of social changes in the aging society and motivation to actively participate in the community

## ⑤ Installation of Various Convenience Facilities in the City Hall and Community Center

■ [table 34] issues and strategic tasks 14

Area	No.	Issues	Strategic tasks
Outdoor space and buildings	3-5	<ul style="list-style-type: none"> <li>Lack of information and convenience facilities for senior citizens and pedestrians when they need to visit public buildings;</li> </ul>	<ul style="list-style-type: none"> <li>Need a reception desk for senior citizens in public institutions and facilities</li> <li>Application of universal design without physical restriction</li> </ul>

### Background and Necessity of Promotion

- Prevention of safety accidents due to lack of information facilities and convenience facilities in public buildings to help the elderly and those with mobility issues
- Based on a study conducted in 2018, Gongju City needs to prepare a living environment without obstacles so that disabled or elderly people can participate in society smoothly with six BF certifications.
- Promotion Plan
- Installation and maintenance of ramps that are available for the disabled, persons with mobility issues, and the elderly;
- Installation of convenience and safety facilities in elevators
- Cross chairs, safety handles, etc.
- Installation and maintenance of non-slip facilities in staircases and toilets in buildings
- New and additional installation of cardiac re-washing machines in public office buildings
- Installation of emergency bells and intercoms in the toilet
- Expected Effects
  - Providing convenience and comfort for the elderly who use public buildings
  - Protection of the citizens' lives by emergency response in the event of an accident



## ⑥ Installation and Management of Public Relations Facilities

■ [table 35] Issues and Strategic Tasks 15

Area	No.	Issues	Strategic tasks
Outdoor space and buildings	3-6	<ul style="list-style-type: none"> <li>It is necessary to create an elderly-friendly atmosphere by posting relevant phrases on the public relations boards, such as land bridge signboards.</li> </ul>	<ul style="list-style-type: none"> <li>Posting calligraphy and image designs related to age-friendly phrases or poems, to promote ideas such as respect for the elderly, on the overpass board;</li> </ul>

### Background and Necessity of Promotion

- Need to design and post calligraphy and images to create an elderly-friendly city atmosphere
- Promotion Plan
  - Design and publish calligraphy and images to convey the message of respecting senior citizens or promote elderly-friendly poems or phrases on the overpass signboard.
  - Highly readable image or calligraphy design for pedestrians' or drivers' visibility
- Expected Effects
  - Spreading a friendly culture of respect for the elderly by utilizing screens such as stationery, calligraphy, images, etc.
  - Creating an elderly-friendly city atmosphere that honors senior citizens

## (L) Housing

### ① Creating a Safe and Pleasant Housing Environment

■ [table 36] Issues and Strategic Tasks 16

Area	No.	Issues	Strategic tasks
Housing	4-1	<ul style="list-style-type: none"> <li>It is not easy to purchase aged-friendly housing renovation and retrofit equipment, and housing units used by the elderly tend to be vulnerable in the event of a natural disaster.</li> </ul>	<ul style="list-style-type: none"> <li>Support for the improvement of housing and the installation of safety facilities for the aged or elderly living alone;</li> <li>Support for housing safety management plans and safety inspections to prevent safety accidents caused by inappropriate housing</li> </ul>

### Background and Necessity of Promotion

- Improve the quality of life for aged people by enhancing the residential environment and intensively maintaining old and vacant houses, etc.
- Pilot operation of areas where houses and shops coexist and where commercial

districts frequently used by senior citizens are frequently operated as an age-friendly zone;

- Supporting households that are at risk of housing safety due to natural disasters and aging;
- o Promotion Plan
  - Improvement of residential safety in terms of housing structure, electricity, gas, etc.
  - Support for renovation of convenience facilities such as roof repairs, toilets, boilers, and chassis
  - A pilot project for elderly-friendly survival
  - Identification of spaces that can create age-friendly zones
  - Installation and distribution of elderly-friendly housing, group homes, and hospice facilities
  - Operation of Silver Market (Silver Flea Market)
  - Promotion of the Gift House Contest by preparation of rental housing using municipal land)
- o Expected Effects
  - Promote the renovation of houses and improvement of old houses in is a manner that suitable for the elderly's physical characteristics
  - Enhance the residential environment by improving old residential facilities to make it comfortable for the elderly

## **(C) Transportation**

### **① Provide Safe and Convenient Public Transportation Services**

**■ [table 37] Issues and Strategic Tasks 17**

Area	No.	Issues	Strategic tasks
Transportation	5-1	<ul style="list-style-type: none"> <li>• Lack of awareness regarding the safety of citizens using public transportation, such as departure before people board or disembark, and vehicles not stopping at designated/requested places</li> </ul>	<ul style="list-style-type: none"> <li>• Conduct a campaign to promote safe operation</li> <li>• Expanded operation of autonomous guardian seats</li> <li>• Train transportation workers to travel by bus company</li> </ul>

- o Background and Necessity of Promotion
  - Recently, a series of major accidents occurred due to failure to comply with safe

operation as evidenced by behaviors such as drowsy driving.

- Increasing anxiety about the use of public transportation due to frequent accidents
- o Promotion Plan
  - Prevention of traffic accidents and promotion of citizens' safety and convenience of transportation

Expected Effects

- Safe driving is ensured and traffic violation by drivers is reduced
- Ensuring safety of citizens and improving satisfaction with bus use

**② Expanding opportunities for social participation to guarantee transportation rights for the weak;**

**■ [table 38] issues and strategic tasks 18**

Area	No.	Issues	Strategic tasks
Transportation	5-2	<ul style="list-style-type: none"> <li>• Lack of age-friendly public transportation and safety for the elderly</li> </ul>	<ul style="list-style-type: none"> <li>• Activating low-floor buses, free shuttles, volunteer vehicles, etc.</li> </ul>

Background and Necessity of Promotion

- It is necessary to address traffic inconvenience for elderly people living in areas where city buses do not operate or where routes and time slots are insufficient.
- The elderly are often physically challenged and face difficulties in moving, and the possibility of an emergency is high. It is therefore necessary to safeguard the mobility rights for the elderly in areas where public transport service is not yet available.
- o Promotion Plan
  - Expansion of Happy Taxis in traffic-free areas
  - Survey on the demand for happy taxi operation and rate of satisfaction
  - Expansion of Happy Taxi operation area
  - Free support for buses for senior citizens expanded to persons aged 65 years or above
  - Operation of buses exclusively for the transportation-vulnerable
  - Weekdays: Route operation, weekends (public holidays): Scheduled operation for leisure use
- o Expected Effects
  - Securing transportation rights for the weak

- Expanding opportunities for the weak to participate in society

### ③ Safety Education to Prevent Bicycle Traffic Accidents

■ [table 39] issues and strategic tasks 19

Area	No.	Issues	Strategic tasks
Transportation	5-3	<ul style="list-style-type: none"> <li>• Bicycle safety education is required due to the increase in the rate of bicycle traffic accidents among people over the age of 50</li> </ul>	<ul style="list-style-type: none"> <li>• Reduce traffic accident rate through bicycle safety education</li> <li>• Promote bicycle safety culture by attaching bicycle safety stickers</li> </ul>

#### Background and Necessity of Promotion

- Insufficient attachments such as night reflective stickers on bicycles used by senior citizens
- Bicycle traffic safety education for senior citizens not conducted
- Promotion Plan
  - Reduce the rate of bicycle traffic accidents and establish a bicycle traffic safety culture by providing bicycle safety education.
  - Promotion of cooperation with welfare centers for senior citizens, lifelong learning centers, community centers, etc.
- Expected Effects
  - Implement a healthy and vibrant safe city and spread and establish a culture of using bicycles safely and properly

### ④ Creating parking lots

■ [table 40] Issues and Strategic Tasks 20

Area	No.	Issues	Strategic tasks
Transportation	5-4	<ul style="list-style-type: none"> <li>• No priority parking area secured for the elderly</li> </ul>	<ul style="list-style-type: none"> <li>• Securing preferential parking areas for senior citizens</li> </ul>

#### Background and Necessity of Promotion

- Due to reduced vision associated with aging, there is a possibility that parking may cause a collision with a nearby vehicle. Therefore, older people require a wider and longer space than the existing parking slots.
- Constructing parking spaces for the elderly is to be made mandatory for new parking facility construction projects with 30 parking lots. This may then be gradually extended to secure elderly-only parking spaces for existing public

parking facilities.

- Promotion Plan
  - Securing parking areas exclusively for senior citizens when promoting parking lot construction projects
  - Securing a sequential silver parking space in the public parking lot created by the local government
  - Expanding the scope of corporations that own parking areas such as schools, companies, etc.
- Expected Effects
  - Reduce personal and economic losses and prevent unnecessary vehicle damage by securing parking areas for senior citizens.
  - Effect of improving convenience of use when getting on and off the vehicles for the elderly:

## ⑤ Expansion and Operation of Citizen-centered Transportation Facilities

■ [table 41] Issues and Strategic Tasks 21

Area	No.	Issues	Strategic tasks
Transportation	5-5	• Expansion of transportation facilities so they can be used safely by the weak	• Installation of transportation facilities in consideration of the transportation-vulnerable

### Background and Necessity of Promotion

- Traffic accidents caused by lack of time when vulnerable groups such as the elderly and children are using crosswalks due to transportation facilities that are not considerate of the weak
- Promotion Plan
  - Prevention of traffic accidents by installing facilities such as changing the crosswalk signal cycle in consideration of the weak
- Expected Effects
  - Prevention of traffic accidents by establishing signal cycles and maintenance of transportation facilities for the weak

## ⑥ New and Replace Bus Shelters

■ [table 42] Issues and Strategic Tasks 22

Area	No.	Issues	Strategic tasks
Transportation	5-6	<ul style="list-style-type: none"> <li>• Need to install facilities to improve the convenience of users of the shelter, which is a waiting area for bus users</li> </ul>	<ul style="list-style-type: none"> <li>• Promote the user's convenience by renovating, repairing, and establishing or replacing shelters subject to old age and damage</li> </ul>

Background and necessity of propulsion

- Inconvenience for users especially the elderly caused by mismanagement for bus stops and shelters

Promotion plan

- The purpose of promoting user benefits is to install, repair, and clean user-centered facilities in a timely manner.

Expected effect

- Implement a pleasant public transportation environment by maintaining old facilities in the shelter.
- Create a pleasant atmospheric environment by continuously repairing and maintaining facilities such as bus shelter lighting.

## ⑦ A project to Improve Protection Zones for the Elderly

■ [table 43] Issues and Strategic Tasks 23

Area	No.	Issues	Strategic tasks
Transportation	5-7	<ul style="list-style-type: none"> <li>• It is necessary to expand traffic safety facilities according to the risk of accidents faced by the weak.</li> </ul>	<ul style="list-style-type: none"> <li>• Prevention of traffic accidents by installing transportation facilities in consideration of the transportation-vulnerable</li> </ul>

○ Background and necessity of Promotion

- The elderly and the weak in transportation are exposed to the risk of accidents due to the late recognition of safety risks such as fast-moving vehicles, and the traffic accident rate is increasing every year.

○ Promotion Plan

- Designating protection zones for the elderly and installing traffic safety facilities accordingly to prevent accidents among the elderly and the weak

○ Expected Effects

- Prevention of traffic accidents by installing traffic safety facilities such as limiting vehicle speed, installing signs in protected areas, and installing anti-slip facilities

⑧ **A A Project to Create an Atmosphere of Consideration for Elderly Persons Driving Vehicles**

■ [table 44] Issues and Strategic Tasks 24

Area	No.	Issues	Strategic tasks
Transportation	5-8	<ul style="list-style-type: none"> <li>• No priority parking area is secured for the elderly</li> <li>• The safety of the elderly is not considered, as evidenced by the absence of features such as a self-driving sign for the elderly.</li> </ul>	<ul style="list-style-type: none"> <li>• Secure a parking area where elderly people can park preferentially</li> <li>• Provide opportunities for local residents to learn and expand awareness about the elderly's driving</li> </ul>

Background and Necessity of Promotion

- According to a survey conducted by Gongju City, there is a lack of consideration for elderly driving vehicles. Therefore, it is necessary to encourage a culture of consideration for elderly drivers to promote safety.
- According to the Korea Transportation Safety Corporation's analysis of traffic accidents by driver's age (2017) over the past five years, the number of accidents involving drivers aged 65 and older increased by 7% in 2014 and 11.3% in 2016.
- In the case of Japan, drivers aged 70 or older are provided with a silver mark system to secure parking areas for elderly drivers and encourage other vehicle users to drive with consideration.

Promotion Plan

- Inculcate a culture of social consideration among generations by establishing and spreading priority parking areas for senior citizens
- Reinforce a classified transportation culture and use this project to provide guidance to local citizens and allow them earn concessions through considerate driving for elderly drivers

Expected Effects

- Contribute to the formation of a mature civil culture and generation integration through the strengthening of the social consideration for elderly drivers
- Increase social respect for the elderly and improve positive perception

### (3) A Community Where Everybody Wants to Live

There are three areas: Social respect and consideration; Communication and information; Social participation

#### (7) Social Respect and Consideration

##### ① Free Meals for Elderly Facilities

■ [table 45] Issues and Strategic Tasks 25

Area	No.	Issues	Strategic tasks
Social respect and consideration	6-1	<ul style="list-style-type: none"><li>The number of people who are vulnerable due to advancing age is increasing due to financial difficulties. There are frequent occurrences such as elderly people starving or not being able to eat.</li></ul>	<ul style="list-style-type: none"><li>Expansion of various systems to promote economic independence and health of the elderly</li></ul>

#### Background and Necessity of Promotion

- Free meals are distributed at senior citizen centers in order to revitalize senior citizen centers and ease concerns over starving among the vulnerable elderly due to the increase in the elderly population.

#### Promotion Plan

- Survey on the actual status of meals provided at senior citizen centers
- Results of department review
- 414 grain applications, 210 meal assistants (240 people), and 150,000 won per month in operating expenses
- Additional support plan
- 2020: Support the balance of temporary heating and cooling expenses with grain costs
- 2021: Review additional support for corrosion or operating expenses for side dishes
- 2021: Support for meal service assistants at senior citizen centers as part of a job project for senior citizens

#### Expected Effects

- Eliminating starving among vulnerable elderly people
- Extending the service and content of public senior centers



## ② 100-year-old Happy City

■ [table 46] Issues and Strategic Tasks 26

Area	No.	Issues	Strategic tasks
Social respect and consideration	6-2	<ul style="list-style-type: none"> <li>• An increasing number of elderly people who are alienated due to aging and industrialization</li> <li>• A steady increase in the number of elderly abuse cases due to the lack of awareness regarding senior citizens' human rights</li> </ul>	<ul style="list-style-type: none"> <li>• Promoting psychological stability of the elderly</li> <li>• Improving citizens' awareness regarding the prevention of elder abuse</li> <li>• Cultivating facility workers' awareness of human rights</li> <li>• Establishment of a cooperative system for the prevention of elder abuse</li> </ul>

### Background and Necessity of Promotion

- Need to establish measures to prevent abuse of senior citizens considering the increase in cases of abuse of senior citizens;
- It is necessary to establish policies to address elder abuse according to the type and circumstances of elder abuse.
- Necessary to establish a senior citizens' day, promote public awareness regarding senior citizens' human rights, etc.;

### Promotion Plan

- Strengthening promotional activities for the protection of human rights for senior citizens Promoting universal personnel protection activities with focus on welfare facilities for senior citizens;
- Promotion of organic cooperation with related agencies (specialized institutions for elderly protection, police, etc.)
- Improve awareness of abuse among facility workers

### Expected Effects

- Effective prevention of elder abuse by increasing interest in elder abuse and awareness of human rights of the elderly;
- Developing policies with a holistic and systematic methodology based on cooperation with authorities, concerned experts and the general public

### ③ Establishment of an Action Plan to Encourage the Elderly to Remain Happy and Respected

■ [table 47] Issues and Strategic Tasks 27

Area	No.	Issues	Strategic tasks
Social respect and consideration	6-3	<ul style="list-style-type: none"> <li>• Global spread of the trend of belittling elderly people</li> <li>• Increasing elder abuse</li> </ul>	<ul style="list-style-type: none"> <li>• Encouraging citizens to adopt the culture of 'hyo', an important virtue of mankind;</li> <li>• Commendation and encouragement of exemplary senior citizens and senior citizens who have contributed to society, etc.</li> </ul>

#### Background and Necessity of Promotion

- The gap in the economic, political and social interests of various generations has been growing day by day.
- Concerns about the increasing burden on young people due to the expansion of welfare for the elderly → Negative perspective, etc.
- It is necessary to establish policies that can enhance the self-esteem of the elderly, and effectively address issues such as increasing abuse of the elderly;
- Promotion Plan
  - Provide opportunities for generations to contemplate the social challenges and participate together in activities to build the community
  - Encourage and honor senior citizens who have contributed to society, and provide a place to respect and celebrate together;
- Expected Effects
  - Effective prevention of elder abuse by increasing public interest in elder abuse and strengthening awareness of the human rights of the elderly;
  - Establishment of organic and three-dimensional elder abuse policies through forming networks of related agencies, private sector, and experts and collecting opinions

## (L) Communication and Information

### ① Informatization Education for the Information- disadvantaged Class

■ [table 48] Issues and Strategic Tasks 28

Area	No.	Issues	Strategic tasks
Communication and information	7-1	<ul style="list-style-type: none"> <li>• Difficulty retrieving information using computers or smartphones</li> </ul>	<ul style="list-style-type: none"> <li>• Giving opportunities to improve the informatization ability of the elderly</li> <li>• Improving the informatization ability of the elderly to help them use computers or smartphones</li> </ul>

#### Background and Necessity of Promotion

- It is difficult for senior citizens to use the Internet and computers in public institutions or homes.
- As the digital divide between the elderly and the young is not addressed in the information society and older individuals are frequently excluded from various information services, a new challenge of information inequality has emerged.
- Measures are required to assist the elderly who have difficulty in using information technology in public facilities.
- Promotion Plan
  - Provide information service education for senior citizens and entrusted education for related institutions in Gongju-si.
  - Establishment and operation of a lifelong learning center in Eupmyeon-dong
  - Support for designating a village learning space
  - Training senior citizens to use smartphones
  - Operation of an elderly YouTuber training program
  - Senior Smart Senior Education
- Expected Effects
  - Improve self-efficacy by providing opportunities and places to help the elderly improve their information utilization ability
  - Improve convenience and quality of life by acquiring various information

## ② Operation of Aged-friendly Public Library Services

■ [table 49] Issues and Strategic Tasks 29

Area	No.	Issues	Strategic tasks
Communication and information	7-2	<ul style="list-style-type: none"> <li>• Alienation of senior citizens from the information society and inconvenience in accessing public library services;</li> </ul>	<ul style="list-style-type: none"> <li>• Creating elderly-friendly spaces</li> <li>• Providing preferential reading services for senior citizens</li> <li>• Operation of participatory cultural programs</li> </ul>

### Background and Necessity of Promotion

- Need to improve the reading environment using the new public library and develop cultural programs in line with the increase the proportion of the 50+ population
- Need to develop a service that can enhance reading skills of senior citizens who are alienated from the information society
- Need improvement of awareness, communication, and literature programs that can bring understanding and harmony among the young generation and the elderly
- Promotion Plan
  - Improvement and service development in four areas: spaces, cultural program, reading environment, and job development
  - Promoting both hardware and cultural programs to increase participation of the elderly population who are underprivileged in accessing public library services as a social safety net;
- Expected Effects
  - Securing an increasing number of elderly population services in keeping with the expansion of the reading population participating in public libraries
  - Encourage active social participation and provide opportunities for leisure by increasing the utilization rate of knowledge and information among senior citizens;
  - Expanding public library functions as a social safety net

### ③ Operation of the Senior Policy Monitoring Press Group

■ [table 50] Issues and Strategic Tasks 30

Area	No.	Issues	Strategic tasks
Communication and information	7-3	<ul style="list-style-type: none"> <li>Failure in considering the interests and understanding of the elderly in various publications, announcements, and media such as broadcasting</li> </ul>	<ul style="list-style-type: none"> <li>Ensure visual and auditory consideration of senior citizens in public institutions and facility announcements</li> <li>Various opportunities and avenues for social participation and sharing of health-related information, aligned with the elderly's cultural and leisure life, volunteer activities, and jobs through various media</li> </ul>

#### Background and Necessity of Promotion

- In order to create an aged-friendly city, it is crucial to make efforts to identify the needs of the elderly, gather opinions and reflect the details in the implementation plan. The World Aging-Friendly City Network presents a very important condition for measuring the level of age-friendly feeling and the process of establishing a bottom-up policy in which the elderly can participate directly.
- It is necessary to prepare a foundation for multi-pronged participation in various fields along with continuous education to secure expertise beyond simple monitoring.
- Promotion Plan
  - Recruit and educate professional volunteers who conduct monitoring related to the creation of an elderly-friendly city;
  - Collect opinions from senior citizens on various social issues related to the aging phenomenon;
  - Participate in the process of establishing policies for senior citizens and present opinions in various ways
  - Organize an elderly monitoring team to develop policies for the elderly and participate in city policies in various ways and present opinions that reflect the interests of the elderly.

#### Expected Effects

- Senior citizens and local residents participate in policy development and present their opinions in the process of creating an elderly-friendly city
- Reflecting the direction of the international network of elderly-friendly cities that

- emphasize the establishment of bottom-up policies
- Promoting consideration of the elderly's interests
- Establishing a smooth communication structure between Gongju City and the elderly citizens

## **(C) Social Participation**

### **① Operation and Programming of the Hub Senior Citizen Center**

**■ [table 51] Issues and Strategic Tasks 31**

Area	No.	Issues	Strategic tasks
Social Participation	8-1	<ul style="list-style-type: none"> <li>• Due to the rapid increase in the proportion elderly population, the facilities and operation system of the senior citizen centers cannot accommodate the elderly population in its entirety, causing deterioration in the function of the senior citizen centers.</li> </ul>	<ul style="list-style-type: none"> <li>• Support the standard model and develop excellent customized programs for the modernization of senior citizen centers</li> </ul>

#### Background and Necessity of Promotion

- Despite the decrease in the population of Gongju City, the increase in the number of elderly people, especially in rural areas that lack infrastructure, has raised the need to expand the function of senior citizen centers to general welfare centers.
- It is necessary to establish a foundation for senior citizens to help them actively use the center and address issues such as the absence of differentiated programs, narrow spaces, and aging of facilities;
- Promotion Plan
  - Expand support for operating expenses per senior citizen center and strengthen autonomy in utilizing subsidies
  - Creating senior citizen centers centered on a pleasant environment and starting various leisure programs that meet the needs of the elderly
  - Installation and operation of the Hub Senior Citizen Center
  - Securing facilities by space remodeling, to provide resting spaces and cultural spaces for hobbies
  - Strengthening hobby activities and supporting job linkage activities
  - Health promotion education, checking of blood pressure, blood glucose, and support for operation of physical activity programs
- Expected Effects

- Satisfying the needs of senior citizens, by means such as various avenues of social participation, cultural and artistic activities, and job opportunities
- Presenting the image of a new senior citizen who can serve in the role of a regional hub through connection with the local community;

## ② Expansion of Sports Facilities Centered on Citizens

■ [table 52] Issues and Strategic Tasks 32

Area	No.	Issues	Strategic tasks
Social participation	8-2	<ul style="list-style-type: none"> <li>• It is necessary to expand sports facilities with high accessibility so that seniors in each region can easily access them.</li> </ul>	<ul style="list-style-type: none"> <li>• Expand citizen-centered sports facilities so that people can feel satisfaction and happiness in their daily lives.</li> </ul>

### Background and Necessity of Promotion

- Given the present lack of easily accessible sports facilities in each region, it is necessary to expand sports facilities centered on citizens to promote sports for the elderly and establish a sound leisure culture.

### Promotion Plan

- Expand sports facilities for the] introduction of a sports culture in daily life and encourage people to spend their leisure time for daily sports activities

### Expected Effects

- Increase accessibility to daily sports and provide opportunities for the elderly to engage in a wide range of sports activities

## ③ Creating Sports Avenues for Everyone to Enjoy

■ [table 53] Issues and Strategic Tasks 33

Area	No.	Issues	Strategic tasks
Social Participation	8-3	<ul style="list-style-type: none"> <li>• Lack of opportunities for each class to participate due to the creation of customized living sports and lifelong sports activities centered on consumers</li> </ul>	<ul style="list-style-type: none"> <li>• Ensuring a healthy life for senior citizens in the region by creating sports conditions that anyone can easily enjoy</li> </ul>

### Background and Necessity of Promotion

- It is necessary to promote daily sports for the elderly, establish a sound leisure culture, expand social participation opportunities through daily sports to improve quality of life, improve physical fitness, and encourage daily sports activities (silver gymnastics, silver lobby, yoga, new sport, etc.)

Promotion Plan

- Providing senior citizens with a wide range of opportunities for sports activities

Expected Effects

- Take the sports culture to daily life by encouraging people to spend leisure time with daily sports

④ Improvement of Public Sports Facilities and Enhancement of Utilization Rate

■ [table 54] issues and strategic tasks 34

Area	No.	Issues	Strategic tasks
Social Participation	8-4	<ul style="list-style-type: none"> <li>• Need to replace old facilities among the existing public sports facilities</li> </ul>	<ul style="list-style-type: none"> <li>• Expansion and improvement of facilities to increase safety and utilization rate among citizens using the facilities</li> </ul>

Background and Necessity of Promotion

- It is considered urgent to replace some of the existing public sports facilities in Gongju, such as tennis courts and soccer fields.
- Replacement of external fitness equipment in Gongju is an urgent task because there are many old and corroded facilities, which can cause injury during exercise.

Promotion Plan

- Expansion and improvement of facilities to increase safety and utilization rate of citizens using the facilities

Expected Effects

- Promotion of a sound leisure and health culture by providing sports facilities that senior citizens can use with confidence

⑤ Operation of the Aging-Friendly Life Support Center

■ [table 55] issues and strategic tasks 35

Area	No.	Issues	Strategic tasks
Social Participation	8-5	<ul style="list-style-type: none"> <li>• A social participation organization is needed to support the design of second life for the 5060 elderly persons belonging to the Baby Boomer generation.</li> </ul>	<ul style="list-style-type: none"> <li>• Prepare a new foundation for life design</li> <li>• Creation of jobs that are suitable for aptitude</li> <li>• Creating a culture of social contribution and talent sharing</li> </ul>

Background and Necessity of Promotion

- With the retirement of baby boomers in earnest, the number of people aged 50



to 60 continues to increase.

- Rapid change in the characteristics of the elderly due to the steep increase in the number of new elderly people
- Increasing desire among the Baby Boomers' generation to participate in society and lack of infrastructure for supporting social activities

Promotion Plan

- Operate the Second Life Design Program
- Operation of jobs for social contribution
  - Training program managers per senior citizen center
- Operation of reemployment and start-up programs Process of training coffee machine managers
- Training of public officials and fixed-term workers

Expected Effects

- Provide retirees and prospective retirees with opportunities to prepare for the future through life design training
- Supporting Baby Boomers to achieve success in the second half of their life through job creation

⑥ Region IN - Successful Retirement Project

■ [table 56] Issues and Strategic Tasks 36

Area	No.	Issues	Strategic tasks
Social Participation	8-6	<ul style="list-style-type: none"> <li>• It is difficult to understand the methods and procedures of participating in social activities, and the lack of traffic information to visit the places of activities makes it more difficult for senior citizens.</li> </ul>	<ul style="list-style-type: none"> <li>• Improve accessibility and various promotional activities to encourage social engagement</li> <li>• Various generations can participate by selecting promotional methods and locations according to age.</li> </ul>

Background and Necessity of Promotion

- Baby Boomers face the need to consider relocation, retirement, life after retirement, etc. and often face economic problems such as career transition and re-entry into the labor market, as well as confusion over their social roles.
- Moreover, unlike the existing elderly population, Baby Boomers have economic leeway even when they are aging, and their desire for leading a high-quality of life with avenues for leisure and welfare is expected to increase their social role in the future.

- A community centered on residential areas is a place where retirees tend to spend a lot of time after retirement, and these retirees need information on local welfare and social participation opportunities to start a new life in old age.
- In order to help Baby Boomers design and participate in a lively second life, it is necessary to produce and operate guidebooks that provide comprehensive information regarding various services in the region.

#### Promotion Plan

- Comprehensive information such as details on government offices that facilitate Baby Boomers' social participation, clubs for hobby and leisure, and volunteer activities for sharing talents, etc. must be provided in the community where they will spend the most time after retirement.

#### Expected Effects

- Support for successful retirement activities of Baby Boomers and the elderly through the provision of various information
- Promoting satisfaction in old life by encouraging seniors to actively participate in social activities

## **2) Project Feasibility and Analysis of Ripple Effect**

### **(1) Basic Direction of Evaluation Indicators**

#### **(가) Purpose**

The purpose of the Implementation Plan Evaluation is not only to sign up for membership in the International Network of the Aged-friendly cities, but also to renew GNAFCC membership after membership registration.

The Evaluation of Elderly-friendly City can be complemented by qualitative and quantitative analyses, and citizens are encouraged to participate in the evaluation process to introduce a citizen-participatory evaluation. The elderly citizens and experts participated in the evaluation, to differentiate the study from other evaluation systems.

The purpose of the Citizen Participatory Policy Evaluation is as follows.

- Seeking various ways to participate and revitalize the policies for welfare of senior citizens in Gongju, and strengthening its ripple effect by sharing the results of evaluation by experts and ordinary citizens:
- Citizens, experts, and Gongju will jointly participate in the establishment of aging policies to discuss the quality of life for the elderly, and to evaluate the problems, core strategies, improvement directions and developmental perspectives

related to the policy through the diagnosis of age-friendliness.

## **(L) Subjects and Methods of Assessment**

### **① Evaluation subject**

The evaluation will be carried out through mutual cooperation among Gongju citizens, public officials, and experts. Gongju's public officials will conduct quantitative evaluations in consideration of the achievement rate compared to the goals. Senior citizens and other citizens will conduct a qualitative evaluation.

### **② Evaluation method**

The evaluation will use an indicator method based on qualitative and quantitative evaluation, and based on the current status of Gongju City and the strategic tasks associated with the guidelines, it is organized into 'Discipline (large category) - Division (small category) - Evaluation Details'

Quantitative evaluation can be conducted by quantifying the achievement rate against the goals of implementation, but it is difficult to grasp the citizens' sentiment in quantitative terms, and on the other hand it is difficult to maintain objectivity and value neutrality in qualitative evaluation.

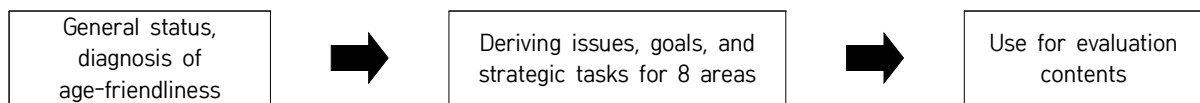
- Therefore, this study is conducted in both ways to complement quantitative and qualitative assessments.

## **(2) Development of Evaluation Indicators**

The development of evaluation indicators in Gongju is based on detailed strategies and goals derived through the general status of Gongju City and the diagnosis of age-friendliness, focusing on the needs of the elderly and policies for the implementation of an aging-friendly city.

- The study will analyze environmental conditions, such as the natural environment, demographic characteristics, living environment, socio-economic characteristics of Gongju City, and inspection items of WHO and other cities to conduct an age-friendly diagnosis.
- Issues and strategic tasks in the eight major areas will be derived through the diagnosis of age-friendliness.
- Activity and Health
  - Area 1: Volunteer work and jobs
  - Area 2: Community support and health
- Pleasant and Safe Environment

- Area 3: Outdoor space and buildings
- Area 4: Housing
- Area 5: Transportation
- A Community Where Everybody Wants to Live
  - Area 6: Social participation
  - Area 7: Social respect and consideration
  - Area 8: Communication and information



■ [picture 3] Step of evaluation index development

The indicator evaluation is divided into qualitative and quantitative evaluations

- Qualitative assessment is conducted by Gongju City’s senior citizens aged 65 or older, who participated in the survey to evaluate citizens’ age-friendly experience.
- Quantitative evaluation and assessment of the progress according to the project rate are conducted by public officials.

## (7) Quantitative assessment

### ① Evaluation Criteria

Quantitative evaluation criteria are evaluated according to the promotion rate as follows:

- 100% (○), in progress (□), and insufficient (△)

■ [table 57] Quantitative Evaluation Criteria

Classification	Details
100%(○)	• 100% achievement of target performance
in progress(□)	• Task is in progress for goal performance
insufficient(△)	• If the project is not carried out or is deemed difficult to carry out; if the goal is to be adjusted

### ② Details of the assessment

The achievement of detailed strategic projects and goals in each of the three major areas and eight areas is assessed as 100% (○), in progress (□), and insufficient (△).

■ [table 58] Quantitative Evaluation Criteria

objectives	area	action plan	Performance Indicators	evaluation indicators	
				percent	situati on
Activity and health	Volunteer work and jobs	Promoting the expansion of jobs for senior citizens for a vibrant retirement life	<ul style="list-style-type: none"> <li>• Achieved recruitment of 2000 job participants among the elderly</li> <li>• Achieved recruitment of 200 volunteers</li> </ul>		
		Operation of volunteer programs by life cycle	<ul style="list-style-type: none"> <li>• Achieved recruitment of 500 elderly volunteers</li> </ul>		
	Community support and health	Enhancement of local residents' health partnership and the "100-year-old health room" function	<ul style="list-style-type: none"> <li>• 50 visits to health care centers for senior citizens</li> </ul>		
		Creating a healthy city of well-being and well-dying	<ul style="list-style-type: none"> <li>• Promote the safe use of medications</li> </ul>		
			<ul style="list-style-type: none"> <li>• 4000 visit services for the elderly and the weak</li> </ul>		
		Providing high-quality care services for happy retirement	<ul style="list-style-type: none"> <li>• Operation of four centers to improve treatment of workers in nursing care facilities</li> </ul>		
		Establishment of Public Health Facilities Infrastructure based on Health Demand	<ul style="list-style-type: none"> <li>• Installation of two public health facilities</li> </ul>		
			<ul style="list-style-type: none"> <li>• 10 childbirth-friendly programs for pregnant women</li> </ul>		
		One-Stop Dementia Integrated Management Project	<ul style="list-style-type: none"> <li>• 4,940 dementia screening tests for local residents aged 60 or older</li> </ul>		
			<ul style="list-style-type: none"> <li>• Operation of dementia relief villages: 5 villages</li> </ul>		
Safe City for the Elderly with Smart Technology	<ul style="list-style-type: none"> <li>• Installation of 340 communication terminals for monitoring equipment at home</li> </ul>				
Creating a playground for the elderly	<ul style="list-style-type: none"> <li>• Development and operation of two health programs tailored to the elderly</li> </ul>				

■ [table continuation]

objectives	area	action plan	Performance Indicators	evaluation indicators	
				percent	situation
Pleasant and safe environment	Outdoor space and buildings	Improvement of the sidewalk environment for the creation of a street where one feels safe to walk	• New sidewalk (L=100m)		
			• Maintenance of old and damaged sidewalks (L=300m)		
		Improvement of park facilities for safe enjoyment	• Maintenance of old facilities and environmental improvement in the park shall be carried out at 10 locations		
		Management of Public Toilets	• 1 complete survey of public toilets		
			• Improvement of public toilet facilities 20 times		
		Healing Forest Leisure Creation of Green Area	• 3 sections of band green areas (new) • 3 sections of street trees (new)		
		Installation of various convenience facilities in the City Hall and Community Center	• 2 projects for maintenance of facilities in the City Hall and the Council building		
	Installation and management of public relations facilities	• 2 elderly-friendly designs			
	Housing	Creating a safe and pleasant housing environment	• Support for 6 households to improve elderly-friendly housing and installation of safety facilities		
	Transportation	Provide safe and convenient public transportation services	• Paid incentive for returning an elderly driver's license: 50 persons		
			• Free transportation support for the elderly - 70% transportation card issue rate		
		Expanding opportunities for social participation to guarantee transportation rights for the weak	• 1 demand survey related to Happy Taxis		
		Safety education for prevention of bicycle traffic accidents	• 4 sessions of bicycle safety education for elementary, middle, and high school students ※ Measures for prevention of safety accidents for elderly pedestrians in the training contents		
			• Promotion • 100 trainees		
		Creating parking lots	• Securing 5 parking lots for senior citizens' convenience facilities		
		Expansion and operation of citizen-centered transportation facilities	• 40 transportation facilities installed		
		New and Replaced Bus Shelters	• 5 heating chairs and windproof facilities installed in the bus platform		
			• 2 ramps installed in the bus platform		
		A project to improve protection zones for the elderly	• Improvement of elderly protection zones (3 locations)		
		A project to create an atmosphere of consideration for elderly driving vehicles	• 100 silver badges marked by elderly drivers are distributed		
• Traffic accident reduction rate -0.5%					

■ [table continuation]

objectives	area	action plan	Performance Indicators	evaluation indicators	
				percent	situation
A community where everybody wants to live	Social respect and consideration	Free meals for elderly facilities	• Conduct a survey on the actual status of meals at senior citizen center once		
			• 210 meal assistants for senior citizen centers are supported		
		100-year-old Happy City	• Conducted 2 campaigns to protect human rights of senior citizens		
			• 1 session of abuse awareness education for elderly facility workers		
		Establishment of an action plan to encourage the elderly to remain happy and respected;	• At least six commendations for the Elderly's Day		
			• Planning one integrated event to encourage mingling of generations		
	Communication and information	Informatization education for the information-disadvantaged class	• 400 trainees		
			• 25 study halls for adult literacy education / 220 students • 23 study halls for senior literacy classes / 200 students		
		Operation of aged-friendly public library services	• 2 branches of specialized books (large letter books) for the elderly		
	Social participation	Operation and programming of the Hub Senior Citizen Center	• 3 locations operated by the Center for Senior Citizens		
		Expansion of sports facilities centered on citizens	• Installation of 1 new sports facility		
		Creating sports conditions for everyone to enjoy	• 100 senior sports instructors are assigned		
		Improvement of public sports facilities and enhancement of utilization rate	• Renovation of five sports facilities in the public area and neighborhood		

## (L) Qualitative assessment

### ① Evaluation Criteria

Qualitative evaluation criteria are identified by conducting a survey on evaluation indicators for Gongju's senior citizens aged 65 or older.

### ② Details of Assessment

The evaluation details include 24 detailed goals in 3 major areas and 8 sub-areas

■ [table 59] Qualitative Evaluation Criteria

objective	area	detail project	evaluation indicators	
Activity and health	Volunteer work and jobs	Elderly volunteering	<ul style="list-style-type: none"> <li>• There are various volunteer activities in which senior citizens can participate.</li> <li>• It is easy for senior citizens to participate in and apply for volunteer activities.</li> </ul>	
		Creating jobs for the elderly	<ul style="list-style-type: none"> <li>• The elderly are not discriminated against in terms of employment, employment maintenance, promotion, etc.</li> <li>• Opportunities are provided for senior citizens to participate in jobs.</li> </ul>	
		Fair employment environment for the elderly	<ul style="list-style-type: none"> <li>• A vocational training program is in operation considering the aptitude of the elderly.</li> <li>• After retirement, the person may receive training or counseling for reemployment.</li> </ul>	
		Training services for the Elderly employment	<ul style="list-style-type: none"> <li>• There are various jobs that senior citizens can take up.</li> </ul>	
	Community support and health	Providing customized medical services	<ul style="list-style-type: none"> <li>• Procedures for medical and health facilities are easy</li> <li>• The cost of health services is not burdensome.</li> </ul>	
		Visiting services for the elderly and emergency measures	<ul style="list-style-type: none"> <li>• The respondent is aware of dementia prevention education and cognitive rehabilitation programs.</li> <li>• The respondent is aware of the support for diagnosis and treatment of dementia.</li> </ul>	
		Expanding community care services for the elderly with dementia	<ul style="list-style-type: none"> <li>• In case of an emergency in a residential area, a quick rescue request may be made.</li> <li>• Visiting health care for health education, counseling, and diagnosis is available.</li> <li>• In the event of natural disasters and fires, evacuation training and countermeasures were provided.</li> </ul>	
	Pleasant and safe environment	Outdoor space and buildings	Safe pedestrian environment	<ul style="list-style-type: none"> <li>• Walking time is sufficient when crossing a crosswalk.</li> <li>• Walkways are wide enough for a guardian to accompany a wheelchair.</li> </ul>
			Safe living environment	<ul style="list-style-type: none"> <li>• Safety facilities for accidents are installed in parks, walking paths, etc.</li> </ul>
			Convenient facilities	<ul style="list-style-type: none"> <li>• There is an exclusive reception desk for senior citizens</li> <li>• It is intended to be used by anyone in public institutions and facilities</li> </ul>
Public services			<ul style="list-style-type: none"> <li>• It is constructed with an age-friendly design</li> </ul>	
Housing		Supply of elderly-friendly house	<ul style="list-style-type: none"> <li>• Elderly-friendly housing, such as rental housing for the elderly and home for the elderly group, is available.</li> </ul>	
		Create elderly-friendly house structure	<ul style="list-style-type: none"> <li>• Housing improvement and safety facilities for the aged may be supported.</li> <li>• The current house is well equipped with safety facilities necessary for old life.</li> </ul>	
		Provide elderly-friendly residential services	<ul style="list-style-type: none"> <li>• Services such as housing for senior citizens, care centers for senior citizens, etc. may be provided</li> <li>• It is convenient to move from home to public facilities, medical facilities, and various convenience facilities.</li> </ul>	



■ [table continuously]

objective	area	detail project	evaluation indicators
Pleasant and safe environment	Transportation	Elderly-friendly public transportation	<ul style="list-style-type: none"> <li>• Low-floor buses (low entrance height and wide interior) that are convenient for elderly people with disabilities are operated.</li> <li>• Bus drivers should consider the safety of the elderly when they leave, stop, and get on and off the bus.</li> </ul>
		Considering aged drivers' safety	<ul style="list-style-type: none"> <li>• There is sufficient parking space for the elderly.</li> <li>• The respondent is well aware of the silver mark and is receiving consideration for elderly driving vehicles</li> </ul>
A community where everybody wants to live	Social respect and consideration	Creating a generational bond within the community	<ul style="list-style-type: none"> <li>• Opportunities are provided for the elderly to transfer knowledge or experience as an advisor to the younger generation.</li> <li>• There is a program for interacting with the younger generation in senior citizen facilities (senior citizen center, senior citizen school, etc.)</li> </ul>
		Promote respect for the elderly and spread a positive image of the elderly	<ul style="list-style-type: none"> <li>• The media present the elderly in a positive light.</li> <li>• In newspapers and broadcasts, you can often see contents related to the elderly.</li> </ul>
		Establishing a community environment to protect the elderly's rights	<ul style="list-style-type: none"> <li>• Various policies are implemented to reflect the needs and preferences of the elderly</li> <li>• It is easy to purchase items for the elderly (pipes, residential safety products, etc.) that the elderly need.</li> </ul>
	Communication and information	Provide elderly-friendly information	<ul style="list-style-type: none"> <li>• Information on public facilities is provided in large letters and colors so that it is easy for the elderly to distinguish the words and images.</li> <li>• Guidance voice messages and staff in charge of public facilities shall use standard language that is appropriate and easy for the elderly to understand easily.</li> </ul>
		Elderly-friendly information on information technology	<ul style="list-style-type: none"> <li>• Information and information retrieval using the Internet may be supported by the person in charge of guidance.</li> <li>• Opportunities and places are provided to learn computer at any time.</li> </ul>
		Convenience of use of public institutions and information	<ul style="list-style-type: none"> <li>• When visiting a public institution, the services can be used conveniently with the help of a guide.</li> <li>• When using the Internet or devices in a public institution, the staff in charge may offer assistance.</li> </ul>
	Social participation	Ease of access to social engagement	<ul style="list-style-type: none"> <li>• It is easy and convenient to participate in social activities</li> <li>• Transportation information related to places of social activities is provided sufficiently.</li> </ul>
		The mingling of different generations in the community	<ul style="list-style-type: none"> <li>• There are various social activities for the younger generation and the elderly to join.</li> <li>• Activities that can promote communication between generations and raise interest in elderly issues are provided.</li> </ul>