An action plan to make age-friendly city in Daejeon

1) Vision, goals and strategies

❍ The vision for Daejeon City as an age-friendly city is to "Build a premier age-friendly city together with everyone" reflecting the meaning of citizens of all generations coming together to build an age-friendly city.

❍ Based on the vision, the plan of Daejeon City's Age-Friendly City initiative have been established with 4 main goals and 12 strategies and 60 projects, aligned with the 8 areas defined by the World Health Organization (WHO).

❍ The first goal, "Comfortable Living Environment," includes 12 projects under three strategies: "Promotion of housing convenience" "Safe housing environment," and "Convenient outdoor space." The first goal is related to the housing, outdoor spaces and buildings among the 8 areas.

❍ The second goal, "Facilitate movement and communication," includes 14 projects under three strategies: "Enhancing convenience of movement" "Safe transportation," and "Enhancing communication." The second goal is related to the transportation, Communication and information among the 8 areas.

❍ The third goal, "A City where everyone comes together," includes 21 projects under three strategies: "The community of mutual respect" "Everyone's local community," and "Optimized jobs and volunteerism." The third goal is related to the Respectd social inclusion, Social participation, Civic engagement and employment among the 8 areas.

❍ The forth goal, "A vibrant community," includes 13 projects under three strategies: "Enhancing infrastructure in community" "Support for the socially disadvantaged," and "Enhancing community care." The forth goal is related to the Community support and health services among the 8 areas.

❍ The above contents are schematized as shown in the table below:

table 1. Vision, Goals and Strategies

Vision	Build a premier age-friendly city together with everyone	
Goals	**Strategies**	**8 area(WHO)**
Comfortable Living Environment	· Promotion of housing convenience · Safe housing environment · Convenient outdoor spaces	Housing Outdoor spaces and buildings
Facilitate movement and communication	· Enhancing convenience of movement · Safe transportation · Enhancing communication	Transportation Communication and information
A City where everyone comes together	· The community of mutual respect · Everyone's local community · Optimized jobs and volunteerism	Respect and social inclusion Social participation Civic engagement and employment
A vibrant community	· Enhancing infrastructure in community · Support for the socially disadvantaged · Enhancing community care	Community support and health services

2) Projects in action plan to age-friendly city in Daejeon

(1) Goal I : Comfortable living environment
❍ The first goal, "Comfortable living environment," includes 12 projects, details of each project are as follows:

[표 2] Goal Ⅰ: Comfortable living environment

Strategies	Projects	8 area (WHO)
1. Promotion of housing convenience	Green remodeling of public rental house	Housing
	Smart care homes	
	Residential convenience services	
2. Safe housing environment	Support for common facilities	Outdoor spaces and buildings
	Improvement for senior Safety Zones	
	Safety Zone maintenance	
	Streetlight brightness improvement	
3. Convenient outdoor space	Safe pedestrian environments	
	Project for Public toilet	
	Maintenance of bicycle paths	
	Barrier-Free walkways and urban forests	
	Park facility maintenance	

① Green remodeling of public rental house
- Improvements to facilities in aging Permanent rental house
- Facility upgrades for Rental House acquired over 15 years ago
- Project target : public rental house in Daejeon
- Assessment indicator : Number of completed Green remodeling for public rental house

② Smart care homes
- Smart care homes including remodeling of public rental house
- Project target : Community integrated care client
- Assessment indicator : Number of smart care homes

③ Residential convenience services
- Supporting housing improvement services for residents in need of care in their place of residence
- Customized home renovation, cleaning, disinfection, installation of convenience facilities, and safety handrails etc,
- Project target : Community integrated care client
- Assessment indicator : Number of Residential convenience services user

④ Support for common facilities
- Support for improvement costs of common facilities in aging common homes(flat)
- Installation and maintenance of facilities such as children's playgrounds, community centers, and small libraries
- Project target : Common homes(flat) in Daejeon
- Assessment indicator : Number of support cases

⑤ Improvement for Senior Safety Zones
- Installation of road safety facilities within Senior Safety Zones
- Safety signage, speed bumps, guardrails, road markings, etc.
- Project target : Senior Safety Zones in Daejeon
- Assessment indicator : Number of completed improvement cases

⑥ Safety Zone maintenance
- Maintenance, including installation of traffic signal in Safety Zone(Children and Senior)
- Installation of unmanned traffic enforcement devices and signals
- Project target : Safety Zones in Daejeon
- Assessment indicator : Number of completed maintenance cases

⑦ Streetlight brightness improvement
- Replacement and improvement of streetlights for enhanced illumination in roads with widths of 20m or more

- Project target : Roads with widths of 20m or more in Daejeon
- Assessment indicator : Number of completed improvement cases

⑧ Safe pedestrian environments
- Creating pedestrian-friendly environments
- Prioritizing consideration for vulnerable road users, Elimination of pedestrian hazards etc.
- Project target : Pedestrian paths in Daejeon
- Assessment indicator : The length of maintained pedestrian paths(m)

⑨ Project for public toilet
- Improvement of aging public toilet
- Installation of emergency call buttons for crime prevention
- Project target : Public toilet in Daejeon
- Assessment indicator : Number of completed improvement cases

⑩ Maintenance of bicycle paths
- Facilitating convenient and safe bicycle usage through the connection and maintenance of residential bicycle paths
- Project target : bicycle paths in Daejeon
- Assessment indicator : Length of improvement bicycle paths

⑪ Barrier-Free walkways and urban forests
- Establishment of Barrier-Free walkways for pedestrian vulnerable groups (people with disabilities, elderly, pregnant Women, etc.)
- Enhancing accessibility for pedestrian vulnerable groups (people with disabilities, elderly, pregnant Women, etc.) in developed urban forests
- Project target : All citizens
- Assessment indicators : Length of Barrier-Free walkways(km)/ Number of completed improvement urban forests

⑫ Park facility maintenance

- Refurbishing aging park facilities to prevent safety incidents for park visitors

- Maintenance of infrastructure facilities, such as roads, parking lots, retaining walls, and drainage systems etc.

- Maintenance of electrical facilities such as buildings, toilets, and streetlights etc.

- Project target : Managed parks(8)

- Assessment indicators : Number of maintenance cases

(2) Facilitate movement and communication

〇 The second goal, "Facilitate movement and communication," includes 14 projects, details of each project are as follows:

[표 3] Goal Ⅱ: Facilitate movement and communication

Strategies	Projects	8 area (WHO)
1. Enhancing convenience of movement	Free transportation costs support for elderly	Transportation
	Public taxi in Daejeon	
	Transportation Assistance Center	
	Daejeon Metro Line 2	
2. Safe transportation	BIT(Bus Information Terminal) at bus stops	
	Urban bus route information system	
	Non-slip surfaces at subway stations	
	Support for elderly driver's license returns	
3. Enhancing communication	Daejeon 120 Call Center	Communication and information
	Aging-Friendly City monitoring team	
	Citizen safety education program	
	Disaster prevention promotion	
	Promotion of safety culture movement	
	Public awareness on traffic administration	

① Free transportation costs support for elderly

- Free public transportation (Bus) support for citizens aged 70 and above

- Project target : Citizens aged 70 and above

- Assessment indicator : Monthly average number of users

② Public taxi in Daejeon
- Taxi costs support for residents in transportation-disadvantaged areas in outskirt
- Project target : Citizen in transportation-disadvantaged areas
- Assessment indicators : Number of users

③ Transportation Assistance Center
- Ensuring mobility rights for transportation vulnerable groups
- Operation of special transportation services, provision of mobility support Information, and administrative assistance etc.
- Project target : Transportation vulnerable aged 65 and above
- Assessment indicators : Number of special transportation services users

④ Daejeon Metro Line 2
- Expansion of urban subway network, Tram(Metro Line 2) construction for alleviating downtown traffic issues
- Project target : All citizens
- Assessment indicators : Implementation rate

⑤ BIT(Bus Information Terminal) at bus stops
- Installation and replacement of BIT at bus stops
- Project target : Bus stops in Daejeon
- Assessment indicators : Number of installed BIT / Installation rate

⑥ Urban bus route information system
- Improvement and maintenance urban bus route information system
- Internal and external LED route number displays, text guidance systems etc.
- Project target : Bus stops in Daejeon
- Assessment indicators : Number of maintenance cases

⑦ Non-slip surfaces at subway stations

- Installation of Non-slip surfaces at subway stations
- Project target : Stations of Daejeon Metro Line 1
- Assessment indicators : Number of maintenance cases
- Project target : Daejeon Metro Line 1
- Assessment indicators : Length of Non-slip surfaces(m)/ Number of improvement subway stations

⑧ Support for elderly driver's license returns

- Addressing traffic safety issues due to the increasing number of elderly drivers
- Providing a Transportation Card (valued at 100,000 KRW) upon returning driver's license
- Project target : Citizens aged 65 and above
- Assessment indicators : Number of driver's license returns

⑨ Daejeon 120 Call Center

- Telephone consultation service for administration such as passport, car registration, transportation, water supply etc.
- Project target : All citizens
- Assessment indicators : Number of consultation / Response rate

⑩ Aging-Friendly City monitoring team

- Operation of a policy monitoring team to Verify the progress of the Daejeon Aging-Friendly City
- Monitoring teams are composed of practitioners, experts, and citizens
- Project target : Citizens aged 65 and above who wish to participate in the monitoring team
- Assessment indicators : Number of meetings

⑪ Citizen safety education program

- Safety education for vulnerable groups and training of Middle-aged and Elderly Safety Leaders

- Vulnerable groups : Under 13 years old, over 65 years old, disabled people, etc.
- Project target : All citizens
- Assessment indicators : Number of safety education/ Safety Leaders

⑫ Disaster prevention promotion
- Creating and distributing promotional materials for citizen guidelines in the event of natural disasters such as typhoons, heatwaves, heavy snowfall, earthquakes, etc.
- Project target : All citizens
- Assessment indicators : Number of promotional materials production and distribution

⑬ Promotion of safety culture movement
- Promotion of safety culture for seasonal accident prevention
- Media promotion: local newspaper advertisements, featured banner ads, and planned coverage etc.
- Media promotion: billboards, subway, bus etc.
- Project target : All citizens
- Assessment indicators : Number of promotional materials production and distribution

⑭ Public awareness on traffic administration
- Early establishment of New Regulations through promotion of major traffic management and change
- Media promotion : Promotion of Key Policies, such as new traffic policies
- Video production and promotion: outdoor LED screens, subway interior monitors, etc.
- Project target : All citizens
- Assessment indicators : Number of promotional activities

(3) A city where everyone comes together

○ The third goal, "A city where everyone comes together" includes 21 projects, details of each project are as follows:

[표 4] Goal Ⅲ: A city where everyone comes together

Strategies	Projects	8 area (WHO)
1. The community of mutual respect	Longevity celebration allowance	Respect and social inclusion
	Beautiful story grandmother project	
	Senior artist oral history project	
	Support for senior artists	
	'Hyo' Cultural Promotion Foundation	
	Community-based care through resident participation	
2. Everyone's local community	Lifelong learning city	Social participation
	Lifelong learning delivery project	
	Senior awareness and cultural courses	
	Activation of senior community centers	
	Support for elderly physical activities	
	Elderly sports competitions	
	Community in common homes	
3. Optimized jobs and volunteerism	Middle and old age support center	Civic engagement and employment
	Elderly employment support	
	Senior Club	
	Culture and Tourism Commentators	
	Promotion of volunteer culture	
	Establishment of volunteer system	
	Allowance of local volunteer leader	
	Management and educational programs for volunteer	

① Longevity celebration allowance

- Payment of longevity celebration allowance (1 million won per person) as a gesture of respect for individuals aged 100 or older.

- Project target : Citizens aged 100 and above (residents for 2 years or more).

- Assessment indicators : Number of allowance recipients

② Beautiful story grandmother project
- Open recruitment of elderly women(Aged 56 to 80) and operation of storytelling programs through education
- Storytelling of old tales in Nationwide Early childhood education institutions
- Project target : Women aged 56 to 80 years old
- Assessment indicators : Number of storyteller

③ Senior artist oral history project
- Recording the life and achievements of senior artists
- Establishment of foundational data for local cultural and artistic history research
- Project target : Artists aged 65 and above with over 30 years of artistic activities in Daejeon
- Assessment indicators : Number of senior artists participating in the project

④ Support for senior artists
- Support for the creative and presentation activities of senior artists
- Project target : Artists aged 65 and above engaged in artistic activities
- Assessment indicators : Number of senior artist for support

⑤ 'Hyo' Cultural Promotion Foundation
- Promotion of filial piety culture through the operation of filial piety experience, educational programs, and research in filial piety culture.
- Project target : All citizens
- Assessment indicators : Number of educational programs / User satisfaction

⑦ Community-based care through resident participation
- Realizing a culture of sharing in the local community through the activation of citizens' voluntary participation.
- Project target : 67 member institutions

- Assessment indicators : Number of participants

⑦ Lifelong learning city
- Support for the development of lifelong education specialized programs tailored to each district's characteristics
- Project target : All citizens(including disabilities and the elderly, etc.)
- Assessment indicators : Number of educational programs / Number of programs users

⑧ Lifelong learning delivery project
- Providing tailored educational services for underserved populations through outreach programs
- Project target : Groups of 5 or more in underserved
- Assessment indicators : Number of educational services

⑨ Senior awareness and cultural courses in senior community centers
- Support for senior awareness and cultural courses in senior community centers
- Year-round (3-12 months) circulating support for educational programs
- Project target : Senior community centers
- Assessment indicators : Number of supported senior community centers

⑩ Activation of senior community centers
- Support for health management, exercise, education, and leisure programs etc.
- Project target : Senior community centers
- Assessment indicators :Number of programs / Users

⑪ Support for elderly physical activities
- Organizing sports competitions to promote healthy leisure activities and health enhancement
- Comprehensive sports competition for Seniors(Hangung competition etc.)

- Project target : Citizens aged 65 and above
- Assessment indicators : Number of participants

⑫ Elderly sports competitions
- Providing opportunities for leisure activities and communication through sports competitions
- Six sports including Gateball and Archery
- Project target : Citizens aged 60 and above
- Assessment indicators : Number of participants

⑬ Community in common homes
- Support for the operation of community activation programs in common homes
- Project target : Residents of common homes
- Assessment indicators : Number of supported programs

⑭ Middle and Old age Support Center
- Providing tailored education and employment information, including start-ups, for the middle-aged and older population
- Support for cultural and leisure activities, social activity promotion etc.
- Project target : Citizens aged 50 to 64 years old.
- Assessment indicators : Number of participants in education.

⑮ Elderly employment support
- Providing volunteer opportunities and employment opportunities for seniors
- Public Service, Social Service-type, and Market-type jobs.
- Project target : Citizens aged 60 and above
- Assessment indicators : Number of participants

⑯ Senior Club
- Operation of Senior Clubs as a dedicated agency for senior

employment
- Elderly employment, Elderly-Friendly company etc.
- Project target : Citizens aged 60 and above
- Assessment indicators : Number of participants(Social Service-type, and Market-type jobs)

⑰ Culture and Tourism Commentators
- Providing professional explanations for a proper understanding and appreciation of cultural heritage and more.
- Project target : Culture and Tourism Commentators in Daejeon
- Assessment indicators : Number of commentators

⑱ Promotion of volunteer culture
- Creating a Community for citizen-led living hubs and volunteer
- Project target : Volunteer organizations
- Assessment indicators : Number of supporting organizations

⑲ Establishment of volunteer system
- Establishment of a collaborative network for Volunteer Centers and carious volunteer organizations, and enhancement of the capacities of related
- Project target : Volunteer organizations, Non-profit organizations, businesses, public institutions, etc.
- Assessment indicators : Number of network meetings.

⑳ Local volunteer leaders activities
- Supporting the activities of local volunteer leader to Identify blind spots in elderly welfare (such as elderly living alone) in the community and to provide counseling and promotion of elderly policies.
- Appointment and support of Local volunteer leaders
- Project target : Local volunteer leaders
- Assessment indicators : Number of Local volunteer leaders

㉑ Management and educational programs for volunteers

- Supporting the management of volunteers and volunteer activities, implementing regular training for the enhancement of volunteer competencies

- Project target : Local Volunteer Center Administrators, Volunteer organizations etc.

- Assessment indicators : Number of certificates for outstanding volunteer

(4) A vibrant community

〇 The forth goal, "A vibrant community" includes 12 projects, details of each project are as follows:

[표 5] Goal IV: A vibrant community

Strategies	Projects	8 area (WHO)
1. Enhancing infrastructure in community	Family Reassurance Nursing home	Community support and health services
	Public health and medical support team	
	Public health projects	
	Elderly Protection agencies	
	Long-term Care provider support Center	
2. Support for the socially disadvantaged	Emergency safety service for elderly living alone	
	Meal delivery service	
	Support for dementia treatment and management expenses	
	Dementia Reassurance Centers	
	Financial assistance for Long-term Care	
3. Enhancing community care	Home visit service for health management	
	AI Care Robots	
	Tailored Care Services for elderly	

① Family Reassurance Nursing home

- Establishment and comprehensive management of Dementia-Focused Nursing home, including post-construction supervision

- Project target : Citizens aged 65 and above

- Assessment indicators : project implementation rate

② Public health and medical support team
- Activation of networks between private and public healthcare institutions, implementation of quality public health and medical services tailored to local characteristics
- Project target : All citizens
- Assessment indicators : Number of collaborative projects

③ Public health projects
- Enhancement of healthcare services in Public Long-term Care Hospitals for dementia patients
- Dementia-friendly environment creation and awareness improvement campaign
- Project target : Recipients of Long-term Care and their families
- Assessment indicators : Number of recipients / Families

④ Elderly Protection agencies
- Elder abuse prevention education and community engagement program, elder abuse awareness improvement campaign, volunteerism and sponsorship initiatives, elder abuse incidence surveys etc.
- Project target : Recipients of Long-term Care and their families
- Assessment indicators : Number of cases surveyed

⑤ Long-term Care provider support Center
- Improvement of treatment and support for capacity building for care givers
- Job enhancement training, leadership development Workshops, etc
- Project target : Care givers in Long-term Care
- Assessment indicators : Number of participants in education programs

⑥ Emergency safety service for elderly living alone
- Installation of Safety equipment for elderly individuals living alone collaborating with emergency service etc.
- Project target : Elderly individuals living alone and severely disabled

individuals

- Assessment indicators : Number of installed safety equipment

⑦ **Meal delivery service**

- Meal delivery service for elderly Individuals eligible for recipients of Public Assistance aged 60 and above
- Project target : Recipients of Public Assistance aged 60 and above
- Assessment indicators : Number of average daily meal

⑧ **Support for dementia treatment and management expenses**

- Support for dementia medication costs and same-day prescription fees
- Support with a monthly limit of 30,000 won
- Project target : Patients taking medication for dementia
- Assessment indicators : Number of person receiving support

⑨ **Dementia Reassurance Centers**

- Support from pre-diagnosis stages to post-confirmation treatment for dementia
- Early diagnosis for dementia, Case management, dementia patient shelter, family counseling etc.
- Project target : Dementia patient and family
- Assessment indicators : Dementia management rate

⑩ **Financial assistance for Long-term Care**

- Support for medical care co-payment for Long-term Care grantees, particularly recipients of public assistance
- Project target : Recipients of public assistance who are Long-term Care grantees
- Assessment indicators : Number of person receiving support

⑪ **Home visit service for health management**

- Health management visitation services provided to individuals with

health risk factors Such as poverty, illness, disability, and aging
- Home visit service, AI·IoT for health management
- Project target : Citizen with health risk factors
- Assessment indicators : Number of person receiving support

⑫ AI Care Robots
- Provision of AI Care Robots for the elderly, people with disabilities and other care recipients
- Project target : Elderly and disabled in need of care at home
- Assessment indicators : Number of AI Care Robots recipients

⑬ Tailored Care Services for elderly
- Providing appropriate care services to elderly, who face difficulty in daily living
- Safety support, social participation, life education, daily living support, service coordination etc.
- Project target : Citizens aged 65 and above
- Assessment indicators : Number of clients