1) Overview of the Age-Friendly Assessment in Eumseong-gun

Purpose of the Age–Friendly Assessment

- O Conducting an assessment of age-friendliness related to the eight areas of WHO Age-Friendly Cities, to create a city environment suitable for all generations, including the elderly
- O Utilizing the survey and diagnosis as foundational information for the future development of Eumseong-gun as an optimized age-friendly city, including the establishment of the basic plan and guidelines, as well as the formulation of execution tasks

Methodology for Age–Friendly Assessment

- O Surveying the eight areas, distinguishing between elderly residents and the general public in Eumseong-gun to gather opinions on age-friendly city
- O For elderly residents, collecting specific feedback on the perception of age-friendliness through face-to-face surveys
- O For the general public, gathering opinions on the concept of an age-friendly city through more universal survey questions

		Number of survey		
Areas	Survey contents	ques	tions	
		Senior	Genral	
Outdoor spaces	Cleanliness of the area, accessibility to parks and trails, safety	7	7	
and buildings	management of sidewalks, etc.	1	1	
Transportation	Accessibility to public transportation, convenience for the elderly,	6	6	
Transportation	etc.	0	0	
	Level of support and service at the Eumseong-gun level, stability	3	3	
Housing	of housing structure, etc.	3	3	
Casial norticipation	Frequency and accessibility of events and attractions, diversity of	4	Λ	
Social participation	senior citizen programs, etc.	4	4	
Civic participation	Quantity and quality of volunteer activities, opportunities for senior	Λ	Λ	
and employment	citizens to participate in society, etc.	4	4	
Respect and social	Catheving of environ from equipy sitisons essed commencation at	5	E	
inclusion	Gathering of opinions from senior citizens, social compensation, etc.	Э	5	
Communication and	Assessibility of information convenience of use at	5	5	
information	Accessibility of information, convenience of use, etc.	Э	5	
Community support	Assessibility of medical and walfare facilities at	6	6	
and health services	Accessibility of medical and welfare facilities, etc.	0	0	
	Elderly: living conditions, demand (desire) survey, social activity	24		
Demographic Basic	survey, demographic characteristics	24	-	
Characteristics	General citizens: Old age awareness survey, quality of life,		10	
	demographic characteristics	-	10	
Conten sitimon ou	where the second of the second		·	

Composition of Survey Questions for Age-Friendliness Research

Senior citizen survey questions(Age over 65): 64 questions in total

• Survey questions for general residents(Age between 19 to 64): 50 questions in total

Overview of a survey to diagnose Eumseong-gun's Age-friendliness

Period	 April 1, 2023 - April 21, 2023 							
Target group	Senior residents: Age over 65 General residents: Age 19 to 64							
Method	Senior residents: 1-on-1 interview surveys by a structured questionnaireGeneral residents: Offline survey							
Survey Area Distribution	 Eumseong-eup(12.8%), Geumwang-eup(27.5%), Gamgok-myeon(8.1%), Saenggeuk-myeon(12.3%), Samsung-myeon(8.1%), Daeso-myeon(8.5%), Maengdong-myeon(8.1%), Wonnam-myeon(7.1%), Soi-myeon(7.6%) 							

2) Comprehensive Results of Age-Friendliness Evaluation

Diagnosis based on 8 areas of age-friendly cities(GNAFCC)

- (1) Outdoor spaces and buildings
- O Senior residents gave high points for the categories 'Our neighborhood is clean and comfortable (1st rank, 3.44 points)' and 'Our neighborhood is safe with no risk of crime (2nd rank, 3.33 points)
- For general residents, satisfaction with the neighborhood is relatively low, ranking 5th(3.13 points).
- O Senior residents have relatively low ratings for 'The sidewalks and roads in my neighborhood are clearly separated and safe(rank 6th, 3.00 points)' and 'Public facilities have sufficient convenience facilities(safety handles, etc.) for the elderly(rank 7th, 2.91 points).'
- It was confirmed that general residents also rated the same items with low scores as the elderly. [Table 1] Outdoor space and buildings

Num	Survey questions	Age	Avg (5 points scale)	Ranking	Positive (%)	Average (%)	Negative (%)
1	Our pointhorhood is clean and comfortable	General	3.13	5	32.6	47.8	17.0
1	Our neighborhood is clean and comfortable	Senior	3.44	1	51.2	37.0	10.4
	2 Our neighborhood has many parks and walking trails where people can travel comfortably.	General	3.14	4	40.0	27.8	31.3
2		Senior	3.20	3	42.1	34.4	22.0
	3 Our neighborhood is safe with clearly separated sidewalks and driveways.	General	2.90	7	26.5	37.8	34.8
3		Senior	3.00	6	35.5	35.5	26.1
4	Our neighborhood is flat and spacious, making it convenient for walking.	General	3.19	3	33.5	45.7	20.0
4		Senior	3.04	5	35.4	35.9	26.3
5	The pedestrian crosswalk provides enough	General	3.40	1	48.7	32.2	19.1
Э	time to cross.	Senior	3.08	4	35.1	38.4	24.2
6	Our neighborhood is safe with no risk of	General	3.26	2	40.9	43.9	13.5
Ö	crime.	Senior	3.33	2	41.2	47.4	10.9
7	Public facilities have sufficient convenience	General	3.02	6	31.3	39.1	28.3
(facilities(safety handles, etc.) for the elderly	Senior	2.91	7	29.9	40.3	26.5

(Unit: points, ranking, %)

- (2) Transportation
- O Both the senior and general residents gave the highest score for the category 'Traffic lights and signs are large and visible(rank 1st)'
- O There is a generation gap in the perception of the category 'Safe and comfortable when using public transportation such as buses,' ranked 2nd by senior citizens but 6th by general residents
- Senior residents gave 2.89 points, but General residents gave 2.32 points for the category
- O Senior residents gave the lowest scores to 'Sufficient transportation services for the elderly are provided' (rank 6th, 2.62 points) and 'Our neighborhood has a well-established environment to prevent traffic accidents' (rank 5th, 2.86).

	(Unit: points, raiking, //							
Num	Survey questions	Age	Avg (5 points scale)	Ranking	Positive (%)	Average (%)	Negative (%)	
1	Safe and comfortable when using public	General	2.32	6	11.7	44.3	36.1	
1	transportation such as buses	Senior	2.89	2	25.1	41.2	31.8	
	It is easy to catch a taxi and convenient	General	2.61	4	23.9	30.0	38.3	
2	to use	Senior	2.87	4	22.7	44.1	32.7	
3	The driveways (car roads) in our neighborhood	General	2.77	3	17.0	53.0	27.8	
3	are safely managed	Senior	2.89	3	22.3	49.8	26.5	
4	Our neighborhood has a well-established	General	2.88	2	22.6	52.2	24.3	
4	environment to prevent traffic accidents	Senior	2.86	5	20.9	50.2	27.0	
5	Traffic lights and signs are large and	General	3.25	1	37.4	50.9	10.9	
Э	visible	Senior	3.01	1	28.4	44.1	27.5	
	Sufficient transportation services for the	General	2.43	5	6.1	52.2	37.0	
6	elderly are provided	Senior	2.62	6	16.3	44.5	35.9	

[Table 2] Transportation

(Unit: points, ranking, %)

(3) Housing

- O In the Housing category, the rankings for each category are the same for both the senior and general residents
- Senior residents gave the lowest score to the category 'There are convenience facilities (health center, pharmacy, supermarket, etc.) close to my house' meaning that this was the most inconvenient part of their life.

[Table 3] Housing

					(Unit: po	ints, ran	king, %)
Num	Survey questions	Age	Avg (5 points scale)	Ranking	Positive (%)	Average (%)	Negative (%)
1	I can move safely and freely within my	General	3.96	2	72.2	21.7	6.1
1	home.	Senior	3.73	2	67.3	28.0	3.8
	Our house has water, toilet, heating, etc.	General	4.10	1	74.8	20.4	4.8
2	which is adequately equipped with the necessary facilities.	Senior	3.83	1	69.7	24.2	6.2
	There are convenience facilities (health	General	3.83	3	66.1	21.3	12.6
3	center, pharmacy, supermarket, etc.) close to my house	Senior	3.36	3	48.8	27.5	23.7

- (4) Community support and health services
- O In the Community support and health services area, the senior and general residents gave same category the highest points.
- 'Seniors are well aware of service organizations where they can seek help when they urgently need _ it (rank 1st)',' Welfare facilities that senior citizens can use are close to my house(rank 2nd)'
- O Senior residents assigned low scores in the categories of 'Seniors can receive appropriate services when they need care due to health problems (rank 5th, 2.78 points)' and 'Adequate support is provided to elderly people who have difficulty living (rank 6th, 2.70 points),' indicating a perceived lack of health care and support

[Table 4] Community support and health services

					(Unit: po	ints, ranl	king, %)
Num	Survey questions	Age	Avg (5 points scale)	Ranking	Positive (%)	Average (%)	Negative (%)
	Eumseong-gun has sufficient medical	General	2.43	6	10.9	36.1	52.2
1 facilities (hospitals, clinics, public health centers).	Senior	2.83	4	22.3	43.6	33.6	
	My house is close to welfare facilities that	General	3.17	2	37.8	40.4	18.7
2	senior citizens can use (senior center, welfare center, etc.)	Senior	3.28	2	40.8	44.5	14.7
	Elderly people have access to health	General	3.11	3	37.4	44.3	13.5
3	education, and exercise classes, with various opportunities.	Senior	2.97	3	28.6	41.4	27.1
4	Seniors can receive appropriate services	General	2.94	5	30.4	44.8	20.0
4	when they need care due to health problems	Senior	2.78	5	24.3	38.6	33.8
5	Seniors are well aware of service	General	3.33	1	47.4	39.1	10.0

	organizations where they can seek help when	Senior	3.53	1	50.7	40.3	8.5
	they urgently need it						
6	Adequate support is provided to elderly	General	3.09	4	42.6	36.1	13.0
	people who have difficulty living	Senior	2.70	6	20.1	45.0	28.2

- (5) Social participation
- O In the Social participation area, the senior and general residents gave same category the highest points
- 'Eumseong-gun hosts many events and attractions for the elderly(rank 1st)', 'Eumseong-gun has many places where the elderly can enjoy a pleasant life(rank 2nd)
- O Senior residents responded that 'There are many programs and activities that are good for the elderly to participate in (rank 3rd, 2.94 points)' and 'Eumseong-gun actively provides information on opportunities for seniors to participate in leisure activities (rank 4th, 2.87 points).'

(Unit: points, ranking, %)

	(Onit: points, ranking, 70)						
Num	Survey questions	Age	Avg (5 points scale)	Ranking	Positive (%)	Average (%)	Negative (%)
1	Eumseong-gun hosts many events and	General	3.28	1	43.0	41.7	13.9
attractions for the elderly	Senior	3.09	1	31.3	48.3	18.5	
	2 Eumseong-gun has many places where the elderly can enjoy a pleasant life	General	3.20	2	34.8	47.4	17.8
2		Senior	3.03	2	27.6	51.9	20.0
3	There are many programs and activities that	General	3.08	4	38.7	36.5	19.6
3	are good for the elderly to participate in	Senior	2.94	3	25.6	48.8	22.7
	Eumseong-gun actively provides information	General	3.10	3	41.7	33.0	20.0
4	on opportunities for seniors to participate in leisure activities	Senior	2.87	4	22.4	51.0	23.3

- (6) Civic participation and employment
- O Senior residents express high satisfaction with Eumseong-gun's senior job policy project, particularly in the categories of 'Eumseong-gun has many jobs suitable for the elderly(rank 1st, 3.09 points)' and 'In Eumseong-gun, it is easy to participate in government-provided jobs such as senior job projects(rank 2nd, 3.05 points)'
- General residents also gave high points to the policy project related to employment for the

elderly being promoted in Eumseong-gun

O Both the elderly and general residents had low points on volunteer activities, 'Eumseong-gun has many volunteer activities in which the elderly can participate (ranked 4th)', indicating low satisfaction with the volunteer activities for the senior citizens.

					(Unit: po	ints, ran	king, %)
Num	Survey questions	Age	Avg (5 points scale)	Ranking	Positive (%)	Average (%)	Negative (%)
1	Eumseong-gun has many volunteer activities	General	3.24	4	39.6	45.2	14.3
in which the elderly can partic	in which the elderly can participate	Senior	2.94	4	22.3	57.8	16.6
2	Eumseong-gun has many jobs suitable for	General	3.42	2	48.7	39.6	9.1
۷	the elderly	Senior	3.09	1	28.4	51.2	19.9
	In Eumseong-gun, information about jobs	General	3.40	3	47.8	35.2	17.0
3	and employment opportunities for seniors is easily accessible	Senior	2.99	3	24.6	54.0	18.0
	In Eumseong-gun, it is easy to participate in	General	3.48	1	54.8	30.4	11.3
4	government-provided jobs such as senior job projects	Senior	3.05	2	27.5	51.2	19.0

[Table 6] civic participation and employment

- (7) Respect and social inclusion
- O In the Respect and social inclusion area, the senior and general residents gave same category the highest points.
- 'Service providers for the elderly (public officials, social workers, etc.) are polite (rank 1st)' and 'Eumseong-gun is actively fostering a positive image of the elderly (ranl 2nd).'
- O In addition, both the Senior and General residents gave the lowest scores in the same category
- 'Eumseong-gun has many events and programs in which multiple generations can participate (ranked 5th)'

	(Onit: points, ranking, %)								
Num	Surve	y questions		Age	Avg (5 points scale)	Ranking	Positive (%)	Average (%)	Negative (%)
1	Eumseong-gun	continuously	seeks	General	3.43	3	53.5	34.3	8.7

[Table 7] Respect and social inclusion

(Unit: points, ranking, %)

	opinions to provide necessary policies for senior citizens	Senior	2.71	4	20.4	49.8	20.9
2	Service providers for the elderly (public	General	3.89	1	74.8	19.6	3.9
	officials, social workers, etc.) are polite	Senior	3.27	1	41.2	45.5	10.9
3	Eumseong-gun is actively fostering a	General	3.67	2	63.9	24.3	8.3
	positive image of the elderly	Senior	3.10	2	30.0	55.2	11.9
	Public institutions are sufficiently providing	General	3.39	4	53.0	30.9	12.6
4	positive education on understanding the elderly and aging	Senior	2.91	3	28.9	43.6	22.7
	Eumseong-gun has many events and	General	3.18	5	40.0	37.8	22.2
5	programs in which multiple generations can participate	Senior	2.56	5	16.1	45.0	30.8

- (8) Communication and information
- O Senior residents gave high points to the following categories: 'In Eumseong-gun, it is easy to receive education on informatization(computers, smartphones) (rank 1st, 3.08)' and 'Public facility notices use large letters and eye-catching colors (rank 2nd, 2.95)
- For the category 'In Eumseong-gun, it is easy to receive education on informatization (computers, smartphones),' the senior residents' score ranked 1st, while the general residents' score ranked 5th, suggesting relatively inadequate promotion of this education to the general public
- O Among the senior residents, the lowest score was given to the category 'Contents of interest to the elderly are aired in local information magazines and local broadcasts (rank 5th, 2.71 points).'
- General residents gave the lowest score to the category 'In Eumseong-gun, it is easy to receive education on informatization(computers, smartphones)(rank 5th, 3.18).'

					(Unit: po	ints, ran	king, %)
Num	Survey questions	Age	Avg (5 points scale)	Ranking	Positive (%)	Average (%)	Negative (%)
1	People can easily and conveniently 1 access various information needed for daily life.	General	3.21	4	34.8	54.8	10.4
T		Senior	2.85	4	14.7	63.0	19.4
2	Public facility notices use large letters and	General	3.47	1	50.9	41.3	7.8

[Table 8] Communication and information

	eye-catching colors	Senior	2.95	2	21.5	55.5	21.5
	Notices in public facilities use language	General	3.37	2	49.6	37.4	13.0
3	that is easy for seniors to understand	Senior	2.92	3	21.8	50.7	25.6
4	Contents of interest to the elderly are aired in	General	3.26	3	40.9	45.2	12.2
4	local information magazines and local broadcasts	Senior	2.71	5	14.8	53.3	27.6
5	In Euroseong-gun, it is easy to receive	General	3.18	5	39.1	42.6	14.3
5	education on informatization(computers, smart phones)	Senior	3.08	1	30.6	49.3	16.7

Areas considered most important for creating Eumseong-gun as an Age-friendly city

- O When asked about the key areas for creating an Age-friendly city in Eumseong-gun, both the Senior and General residents identified 'Transportation' as the most crucial aspect (Senior residents (25.0%), General residents (33.9%))
- The senior residents responded in the following order: 'Outdoor spaces and buildings (2nd priority, 18.3%)' and 'Social participation(3rd priority, 16.3%)'
- General residents responded in the order of 'Community support and health services (2nd priority, 25.2%)' and 'Social participation (3rd priority, 20.4%)'
- O In the question about the second priority areas for creating Eumseong-gun as an Age-friendly city, senior residents chose 'Social participation(26.6%)' as the priority, while General residents chose 'transportation(28.1%)'
- The senior respondents responded in the order of 'Community support and health services (2nd priority, 21.4%)' and 'Respect and social inclusion (3rd priority, 17.2%)'
- General residents responded in the order of 'Social participation (2nd priority, 22.6%)' and 'Community support and health services (3rd priority, 18.1%)'

	Areas	Ages	Response(%)
	Outdoor opened and buildings	General residents	3.0
	Outdoor spaces and buildings	Senior residents	18.3
	Transportation	General residents	33.9
Top Priority		Senior residents	25.0
Area	Housing	General residents	1.7
Alea		Senior residents	3.8
	Community support and health	General residents	25.2
	services	Senior residents	10.6

[Table 9] Areas considered most important for creating Eumseong-gun as an Age-friendly city

	Social participation	General residents	20.4
	Social participation	Senior residents	16.3
	Civic paricipation and employment	General residents	2.2
		Senior residents	2.4
	Deepest and social inclusion	General residents	13.5
Respect and social inclusion	Senior residents	13.5	
	Communication and information	General residents	0.0
		Senior residents	0.0
	Outdoor opeood and buildings	General residents	11.8
	Outdoor spaces and buildings	Senior residents	4.7
-	Transportation	General residents	28.1
		Senior residents	14.1
-	Housing	General residents	10.0
		Senior residents	3.6
-	Community support and health	General residents	18.1
Second	services	Senior residents	21.4
riority Area	Social participation	General residents	22.6
	Social participation	Senior residents	26.6
-	Civic paricipation and employment	General residents	4.1
		Senior residents	5.7
	Demost and easiel inclusion	General residents	3.6
	Respect and social inclusion	Senior residents	17.2
	Communication and information	General residents	1.8
	Communication and information	Senior residents	6.8
Senior resident	s(Age over 65), General residents(Age		

Quality of life and life satisfaction in Eumseong-gun

- For senior residents, the average satisfaction level was highest in 'Relationships with children(3.32 points),' while general residents responded that they had the highest level of satisfaction in 'Relationships with friends, acquaintances, and relatives(3.70 points).'
- Senior residents expressed the lowest average satisfaction in 'Relationship with spouse (2.78 points),' while for general residents, the lowest average satisfaction was in 'Relationship with children (2.30 points),' indicating differences in relationship satisfaction by age group
- The senior residents expressed the highest dissatisfaction rate in the 'Own economic status(29.0%)' category, while the general population had the highest dissatisfaction rate in the category of 'Social, leisure, and cultural activities(33.2%)'

					(Uni	t: points, %)
Num	Survey questions	Ages	Average (5 points scale)	Satisfaction (%)	Average (%)	Dissatisfaction (%)
1	On a'r Health Obstar	General residents	3.37	49.1	33.6	17.3
I	One's Health Status	Senior residents	2.92	20.6	53.1	26.3
2	One's secondition	General residents	3.00	27.6	46.5	25.9
۷	One's economic condition	Senior residents	2.84	16.4	54.6	29.0
3	Relationship with spouse (If you have a spouse)	General residents	2.51	45.5	18.3	1.9
3		Senior residents	2.78	26.6	47.4	13.5
	Relationship with children (If you have a child)	General residents	2.30	47.4	8.9	2.3
4		Senior residents	3.32	45.5	41.1	10.5
5	Relationships with friends,	General residents	3.70	68.3	26.4	5.3
Э	acquaintances, and relatives	Senior residents	3.30	39.4	49.0	11.5
6	Social, leisure, and cultural activities	General residents	3.00	38.9	27.9	33.2
0		Senior residents	3.13	26.4	60.1	13.5
	Residential status	General residents	3.37	51.3	30.1	18.6
7		Senior residents	3.30	37.3	54.9	7.8
*Senior residents(Age over 65), General residents(Age 19 to 64)						

[Table 10] Quality of life and life satisfaction in Eumseong-gun

Relationships with people around the respondent

- O In the section on relationships with people around them, the senior residents had the highest rate of positive responses to the question 'Do you have people close to you whom you can contact whenever you need them?(48.1%)'
- General residents also had the highest rate of positive responses in the same question(74.3%)
- O On the flip side, senior residents had the highest rate of negative responses to the question 'Is there anyone you can ask to help with small tasks, etc., when needed?(25.5%)'
- Among general residents, the highest rate of negative responses was in the question 'Do you have someone who can give you good advice when you have a problem?(13.9%)'

					(Unit: p	oints, %)
Num	Survey questions	Ages	Average (5 points scale)	Positive (%)	Average (%)	Negative (%)
4	Is there someone you can turn to and listen	General residents	3.83	73.5	17.8	8.7
I	to you when you want to talk?	Senior residents	3.33	46.0	31.8	21.8
2	Do you have someone who can give you	General residents	3.77	71.3	14.8	13.9
2	good advice when you have a problem?	Senior residents	3.27	42.2	37.9	19.4
3	Is there anyone you can ask to help with	General residents	3.78	67.4	23.0	9.6
3	small tasks, etc., when needed?	Senior residents	3.21	41.8	31.7	25.5
	Is there someone who helps you with important	General residents	3.80	67.8	23.3	8.8
4	decisions or when you have a difficult time?	Senior residents	3.25	40.3	39.3	19.9
	Do you have people close to you whom you	General residents	3.94	74.3	17.8	7.8
5	can contact whenever you need them?	Senior residents	3.41	48.1	36.7	15.2
6	Is there someone who treats you with care	General residents	3.95	72.2	22.6	5.2
6	and affection?	Senior residents	3.42	47.9	39.8	11.8
*Senior residents(Age over 65), General residents(Age 19 to 64)						

[Table 11] Relationships with people around the respondent

Subjective Criteria for the Elderly

- O The criteria for being considered elderly are perceived differently by the general residents and the senior residents
- While the general residents perceive the average age for the elderly as 69.6 years, the senior residents perceive it as 75.1 years, indicating a difference in the perception age of the elderly based on age groups
- O The fact that the senior residents perceive a relatively higher age range (75 years and above) as the threshold for being considered elderly implies that, up to the age of 70, they do not see themselves as elderly but rather as middle-aged
- This suggests a desire for more active engagement and participation in social activities with a more positive attitude

	Repondent age	Average age for the elderly		
Subjective age criteria	General residents	69.6 years old		
for the Elderly	Senior residents	75.1 years old		
*Senior residents(Age over 65), General residents(Age 19 to 64)				

[Table 12] Subjective age criteria for the Elderly

Comprehensive implications of Age-friendliness diagnosis for Eumseong-gun

O The Eumseong-gun residents' needs and tasks to solve for each area for Age-friendly city are as follows

Outdoor spaces and buildings	Civic paricipation and employment			
 Lack of convenience facilities for the elderly and infirm among public facilities Clear distinction between sidewalk and roadway and ensuring pedestrian safety Improved walking convenience Extension of crosswalk crossing time 	 Expanding opportunities for volunteer activities for senior citizens Improving accessibility to senior jobs and employment information Advancement and diversification of jobs for the elderly Ensuring ease of participation in senior job projects provided by the government 			
Transportation	Respect and social inclusion			
 Expansion of mobility services for the elderly Ensuring convenience of using taxis Creating an environment to prevent traffic accidents Continuous safety management of the roadway 	 Expanding events where multiple generations can participate together Conducting positive awareness about the elderly Reflection of senior citizens' opinions in related policies 			
Housing	Communication and information			
 Solving the problem of lack of convenience facilities nearby Ensuring free and safe mobility at home Periodic risk facility management 	 Expansion of content targeting senior citizens in local information magazines and broadcasts Improving the convenience of accessing necessary information for the elderly's daily life 			
Social pariticipation	Community supprot and health services			
 Improving access to information about leisure participation opportunities for the elderly Expanding programs that senior citizens can participate in Preparing a place for leisure time with friends 	 Solving the problem of lack of medical facilities in the region Ensuring appropriate care services Support for families of elderly people in crisis who are having difficulty making a living Providing expanded opportunities for health education and exercise classes 			