**Additional File 1:**

Questionnaire for Measuring Active Aging

The online Questionnaire in the first round of Delphi

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| **Dimensions** | **Criteria** | **Indicators** | Score the degree of importance (1 to 11) |
| Personal characteristic  | Personal characteristic | age |   |   |   |   |   |   |   |   |   |   |   |
|   | gender |   |   |   |   |   |   |   |   |   |   |   |
| /determinants | Education |   |   |   |   |   |   |   |   |   |   |   |
|   | Ethnicity |   |   |   |   |   |   |   |   |   |   |   |
|   | Residential tenure |   |   |   |   |   |   |   |   |   |   |   |
|   | Marital status |   |   |   |   |   |   |   |   |   |   |   |
|   | Household size |   |   |   |   |   |   |   |   |   |   |   |
|   | Driving license |   |   |   |   |   |   |   |   |   |   |   |
|   | Employment/ paid work |   |   |   |   |   |   |   |   |   |   |   |
|   | Eating/drinking habitat |   |   |   |   |   |   |   |   |   |   |   |
|   | Family support/ domestic care |   |   |   |   |   |   |   |   |   |   |   |
|   | Self-care |   |   |   |   |   |   |   |   |   |   |   |
|   | Self-promotion |   |   |   |   |   |   |   |   |   |   |   |
|   | Mutual help/ |   |   |   |   |   |   |   |   |   |   |   |
|   | Self-esteem |   |   |   |   |   |   |   |   |   |   |   |
|   | Life satisfaction |   |   |   |   |   |   |   |   |   |   |   |
|   | Travel behaviour |   |   |   |   |   |   |   |   |   |   |   |
| Behavioural attitude/ determinants | Smoking |   |   |   |   |   |   |   |   |   |   |   |
| Alcohol |   |   |   |   |   |   |   |   |   |   |   |
| Length of activity |   |   |   |   |   |   |   |   |   |   |   |
| Place-related  | Land- use | Shopping services |   |   |   |   |   |   |   |   |   |   |   |
| service proximity |   |   |   |   |   |   |   |   |   |   |   |
| public facility |   |   |   |   |   |   |   |   |   |   |   |
| mix-use |   |   |   |   |   |   |   |   |   |   |   |
| Facilities management |   |   |   |   |   |   |   |   |   |   |   |
| sports recreation facility |   |   |   |   |   |   |   |   |   |   |   |
|   | Connectivity |   |   |   |   |   |   |   |   |   |   |   |
|   | Accessibility services |   |   |   |   |   |   |   |   |   |   |   |
| Access | Traffic condition |   |   |   |   |   |   |   |   |   |   |   |
|   | Pavement condition |   |   |   |   |   |   |   |   |   |   |   |
|   | Walkable Environment |   |   |   |   |   |   |   |   |   |   |   |
|   | Mobility |   |   |   |   |   |   |   |   |   |   |   |
|   | Transportation |   |   |   |   |   |   |   |   |   |   |   |
| Physical form | Up keeping |   |   |   |   |   |   |   |   |   |   |   |
| Abandon buildings |   |   |   |   |   |   |   |   |   |   |   |
| Presence amenities/infrastructure sufficiency |   |   |   |   |   |   |   |   |   |   |   |
| Urban Block size |   |   |   |   |   |   |   |   |   |   |   |
| Safety |   |   |   |   |   |   |   |   |   |   |   |
| Security |   |   |   |   |   |   |   |   |   |   |   |
| green space |   |   |   |   |   |   |   |   |   |   |   |
| Cityscape/City Image | perceived distance |   |   |   |   |   |   |   |   |   |   |   |
| legibility |   |   |   |   |   |   |   |   |   |   |   |
| Perceived Aesthetics |   |   |   |   |   |   |   |   |   |   |   |
| Natural scenery |   |   |   |   |   |   |   |   |   |   |   |
| Public open spaces | Street lighting |   |   |   |   |   |   |   |   |   |   |   |
| Area open spaces ratio |   |   |   |   |   |   |   |   |   |   |   |
| Recreation Public open spaces |   |   |   |   |   |   |   |   |   |   |   |
| Quietness |   |   |   |   |   |   |   |   |   |   |   |
| cleanness |   |   |   |   |   |   |   |   |   |   |   |
| maintenance |   |   |   |   |   |   |   |   |   |   |   |
| Pollution |   |   |   |   |   |   |   |   |   |   |   |
|  Landscaping quality |   |   |   |   |   |   |   |   |   |   |   |
| Housing | Universal design |   |   |   |   |   |   |   |   |   |   |   |
| Residential density |   |   |   |   |   |   |   |   |   |   |   |
| Residential Care Facility |   |   |   |   |   |   |   |   |   |   |   |
| Type of housing |   |   |   |   |   |   |   |   |   |   |   |
| Socio-economic environment  | Social Environment | Life expectancy |   |   |   |   |   |   |   |   |   |   |   |
| Quality life |   |   |   |   |   |   |   |   |   |   |   |
| Social interaction/ community activities |   |   |   |   |   |   |   |   |   |   |   |
| Happiness |   |   |   |   |   |   |   |   |   |   |   |
| Social inclusion |   |   |   |   |   |   |   |   |   |   |   |
| Social Inequalities |   |   |   |   |   |   |   |   |   |   |   |
| Social Demography |   |   |   |   |   |   |   |   |   |   |   |
| Social democracy |   |   |   |   |   |   |   |   |   |   |   |
| Participation |   |   |   |   |   |   |   |   |   |   |   |
| Social Support |   |   |   |   |   |   |   |   |   |   |   |
| Education learning |   |   |   |   |   |   |   |   |   |   |   |
| Social capital |   |   |   |   |   |   |   |   |   |   |   |
|   | Religious activity |   |   |   |   |   |   |   |   |   |   |   |
|   | Cultural events |   |   |   |   |   |   |   |   |   |   |   |
| Cultural Environment | Sense place |   |   |   |   |   |   |   |   |   |   |   |
| Economic Environment | healthcare services |   |   |   |   |   |   |   |   |   |   |   |
| limited income |   |   |   |   |   |   |   |   |   |   |   |
| insurance coverage |   |   |   |   |   |   |   |   |   |   |   |
| Socio-economic status |   |   |   |   |   |   |   |   |   |   |   |
| Affordable housing |   |   |   |   |   |   |   |   |   |   |   |
| Car ownership |   |   |   |   |   |   |   |   |   |   |   |
| Homeownership |   |   |   |   |   |   |   |   |   |   |   |
| Household income |   |   |   |   |   |   |   |   |   |   |   |
| Living situation |   |   |   |   |   |   |   |   |   |   |   |
| Governmental  | Good Governance | Effective collaboration |   |   |   |   |   |   |   |   |   |   |   |
| Performance orientation |   |   |   |   |   |   |   |   |   |   |   |
| governance |   |   |   |   |   |   |   |   |   |   |   |
| Equity |   |   |   |   |   |   |   |   |   |   |   |
| Health  | Physical Health | Disability |   |   |   |   |   |   |   |   |   |   |   |
| Public Health |   |   |   |   |   |   |   |   |   |   |   |
| Incidence of disease |   |   |   |   |   |   |   |   |   |   |   |
| Pain feeling |   |   |   |   |   |   |   |   |   |   |   |
| Functional ability |   |   |   |   |   |   |   |   |   |   |   |
| Risk institutionalisation |   |   |   |   |   |   |   |   |   |   |   |
| Self-reported falls |   |   |   |   |   |   |   |   |   |   |   |
| Self-reported health |   |   |   |   |   |   |   |   |   |   |   |
| Physical activity |   |   |   |   |   |   |   |   |   |   |   |
| Activities daily living |   |   |   |   |   |   |   |   |   |   |   |
| Genetic factors |   |   |   |   |   |   |   |   |   |   |   |
| BMI |   |   |   |   |   |   |   |   |   |   |   |
| Sleep hygiene |   |   |   |   |   |   |   |   |   |   |   |
| Personal hygiene |   |   |   |   |   |   |   |   |   |   |   |
| Mental Health | Depressive |   |   |   |   |   |   |   |   |   |   |   |
| Cognitive functioning |   |   |   |   |   |   |   |   |   |   |   |
| Psychological distress |   |   |   |   |   |   |   |   |   |   |   |
| Psychological well-being |   |   |   |   |   |   |   |   |   |   |   |
| Anxiety |   |   |   |   |   |   |   |   |   |   |   |
| Anger |   |   |   |   |   |   |   |   |   |   |   |
| Restorative activity |   |   |   |   |   |   |   |   |   |   |   |
| Spiritual activity |   |   |   |   |   |   |   |   |   |   |   |
| Self-actualisation |   |   |   |   |   |   |   |   |   |   |   |
| Social Health | Relation to family |   |   |   |   |   |   |   |   |   |   |   |
| Relation work |   |   |   |   |   |   |   |   |   |   |   |
| social life |   |   |   |   |   |   |   |   |   |   |   |
| sense community |   |   |   |   |   |   |   |   |   |   |   |
| 1 Please add your proposed indicators?2 Please mention your suggestion for dimensions, principle and indicators? |