

Presentation of a project idea

Conceived by Dirk Jarré

President of the European Federation of Older Persons

*"The Use of Very Advanced Technologies and Artificial Intelligence
in Personal Support and Care Services for Older Persons Living in
Their Own Homes"*

Older persons ageing at Home

- By 2040: 1/3 of Europeans over 65 will be 80 and plus
- Around 80 % of older persons prefer to age in their home
- Because ageing “in the family” is rarely a possible choice
- Anyway, informal supporters and carers become rarer
- Care and nursing facilities are generally very costly
- Mobile services are mostly insufficient and/or not affordable
- Growing lack of well trained & committed professional carers
- Thus, habitual strategies can no longer solve care problems

Older persons' needs and their coverage

- Ageing normally requires more assistance, support, care
- "Home" may be work-intensive, dangerous, non-adapted
- Still, older persons want independence & self-determination
- Make environment safe, smart, comfortable, individualised
- Use advanced technologies and artificial intelligence for AAL
- Provide support by detectors, sensors, assistance devices
- Install voice-commanded and intuitive home appliances
- Use individualised responsive support and care technologies
- Offer information, communication and participation systems
- Apply advanced tele-medicine and tele-care methods

Requirements and issues to be addressed

- Robots with imbedded intelligence & fast learning capacities
- Not simple mechanical assistance but real support & care
- The needs & choices of the users must be absolutely central
- Make high-tech systems more acceptable and user-friendly
- How robots can become caring partners of human caregivers
- Resolve problems of data protection and users control
- High-tech solutions have to be the result of co-production
- Users must necessarily be involved at all stages of creation
- Artificial intelligence solutions to be applied **intelligently!**

For further information

To know more about the project idea:

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