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

Contact:
Dirk Jarré
President of the European Federation of Older Persons
EURAG
E-mail: dirkjarre@aol.com