
SHAPES – FORESIGHT EXERCISES



S H A P E S

Awareness Week – Friday

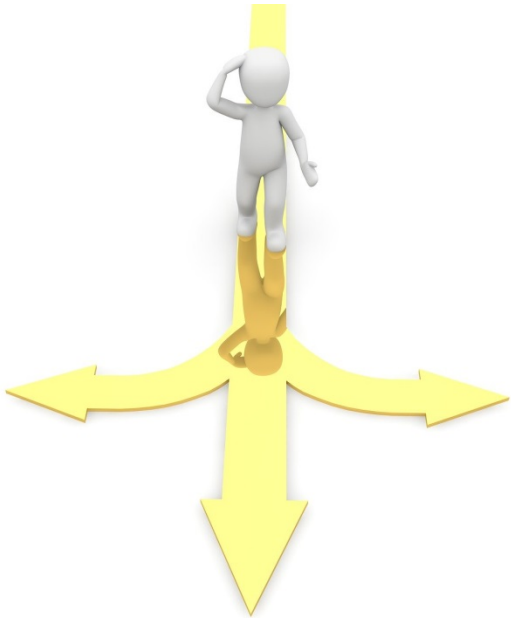


Fraunhofer INT
Friday 01.05.2020
27.04. – 01.05.2020

Relevant Foresight and Research Studies



? Which foresight studies should be analyzed and how?



- ! On our last day we will highlight again with some foresight studies, which could be of relevance to SHAPES. They can provide hints for relevant trends and innovations for current and future SHAPES solutions.
- ! We will use the last two of the seven pilot themes (PT) of SHAPES as a guideline.
- ! Starting from current needs, for example it is possible to investigate new technological developments which are not yet developed or which are used in other areas, such as the aerospace industry. However, with some more development such technologies could be used to satisfy needs e.g. in the care for the elderly.

Relevant Foresight and Research Studies



Today we show some additional studies which are in relevance to pilot themes (PT) 5 and 7 (including some relevant influencing factors or technologies):

! PT 5: Caring for Older Individuals with Neurodegenerative Diseases

! PT 7: Cross-border Health Data Exchange Supporting Mobility and Accessibility for Older Individuals



Relevant Studies concerning PT 5



! Caring for older individuals with neurodegenerative diseases



➤ Influencing Factor – Treatment and Care costs in the EU
The study evaluates, by means of computer simulations, developments in the costs and treatments when caring for people suffering from Alzheimer’s disease (AD) in the EU by 2080. (Cimler, Richard; Maresova, Petra; Kuhnova, Jitka; Kuca, Kamil, Predictions of Alzheimer's disease treatment and care costs in European countries, PloS one (2019), 14:1, e0210958, DOI: 10.1371/journal.pone.0210958)

➤ Influencing Factor – Caregiver needs

Understanding the needs of caregivers is vital to developing and delivering the kinds of services and resources that will alleviate burden and improve quality of life. (Queluz, F. N. F. R.; Kervin, E.; Wozney, L.; Fancey, P.; McGrath, P. J.; Keefe, J., Understanding the needs of caregivers of persons with dementia: a scoping review.”, International psychogeriatrics (2020), 32:1, 35–52, DOI: 10.1017/S1041610219000243.)

Relevant Studies concerning PT 7



! Cross-border health data exchange supporting mobility and accessibility for older individuals



➤ Influencing Factor – eHealth Interoperability

The ambition of the EU project “Antilope” was to drive eHealth interoperability in Europe and beyond. Key national and international organizations were working together to promote and drive adoption of testing guidelines as well as testing tools on a European and national level. (ANTILOPE - Adoption and take up of standards and profiles for eHealth Interoperability, https://www.antilope-project.eu/wp-content/uploads/2013/05/D7.3_Final_report_FINALv1.2.pdf)

➤ Technology – Electronic Patient Portal Apps

With Electronic Patient Portal Apps, which for example enhance patient communication, chronically ill patients have a more positive view of patient portals. (Cheng-Kai Kao, David M. Liebovitz; *Consumer Mobile Health Apps: Current State, Barriers, and Future Directions*, Clinical Informatics in Physiatry (2017), Pages S106-S115. DOI: 10.1016/j.pmrj.2017.02.018.)

Foresight in SHAPES: Now it's your turn!



? What's next?



- ! Take again a look at our materials for the awareness week as an inspiration
- ! Now it's your turn!
 - You have some documents to stimulate and start with. Now bring in your own ideas to the workshop.
- ! Join the discussions during the workshop in order to
 - support us in gathering valuable insights in the entire breadth of SHAPES related foresight subjects,
 - provide us with valuable inputs for foresight within the SHAPES Project,
 - and hence support future smart and healthy aging in Europe!