

	<p style="text-align: center;"><b>Standardisation supporting the dissemination of healthcare solutions for older persons</b></p>
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<p><b>Vision and Aims</b></p>	<p>Standardisation aspects were given great attention in the project REACH2020 (Responsive Engagement of the Elderly Promoting Activity and Customized Healthcare) with the aim to enhance the uptake and dissemination of the developed technical ‘tools’ that allow home and care environments to be transformed into customizable prevention systems for older people.</p> <p><b>Knowledge of existing standards</b> can be a crucial success factor, as compliance with existing standards ensures <b>acceptance</b> and <b>usability</b>, also in terms of <b>interoperability</b>, and it facilitates <b>compliance</b> with regulatory requirements.</p> <p>Standardisation activities within REACH2020 were used as an important instrument to <b>use project results</b> at national (DIN NA 023-00-07 AA), European (CWA 17502) and international (ISO/TC 314) standardisation levels.</p>
<p><b>Target Audience</b></p>	<ul style="list-style-type: none"> <li>• Care providers (public or private) who are responsible for delivering social care and health care to citizens</li> <li>• Care receivers (people who are in need of health and social care services)</li> <li>• Organisations representing care receivers and care providers</li> <li>• Families</li> <li>• Designers/developers/providers of monitoring technologies and services</li> <li>• Health authorities/regulators</li> <li>• Political decision-makers</li> </ul>
<p><b>Key Features</b></p>	<p>It was important for the initiators of the REACH2020 project to involve the German Institute for Standardisation (DIN e.V.) from the beginning as experience had shown that taking standardisation into consideration early on makes it easier to transfer technology from research to industry later.</p> <p>Due to the close cooperation between DIN and the project partners, the awareness of existing standards was raised. This led to the use of standards e.g. for the development process of the REACH2020 tools.</p> <p>The <b>CWA (CEN Workshop Agreement) 17502</b> was initiated to support the introduction and implementation of REACH tools in private households. CWA 17502 Privacy of monitoring technology - <i>Guidelines for introducing ambient and wearable monitoring technologies balancing privacy protection against the need for oversight and care</i> describes and illustrates processes and procedures to support an ethically responsible balance between on the one hand respect for the autonomy and privacy of persons in need of care and on the other hand the commitment to provide high quality care for the elderly and vulnerable. The tool can only be introduced and implemented in private households if the privacy of citizens and supervision and care are balanced. The main</p>

	<p>users of CWA 17502 are care providers who are responsible for care, including REACH2020 with the REACH2020 tools and their users and customers.</p> <p>Standards that help communities take greater account of ageing can create new opportunities and markets for such tools. The REACH2020 partners have recognized this and committed themselves at national and international level to be directly involved in the development process of such standards. This led to several REACH2020 partners joining the German Committee NA 023-00-07 AA <i>Ageing Societies</i>. This committee mirrors the <b>ISO / TC 314 Ageing Societies</b>. REACH2020 partners were able to participate as delegates and experts at ISO level and work on the creation of the ISO / TC 314 / WG2 standard (<i>Framework for dementia-inclusive communities</i>). Dr. Thomas Linner, Scientific Director of REACH, was elected Convenor of WG2 and heads the <b>German mirror committee</b> as chairman.</p> <p>In the meantime, after REACH2020 was completed, Dr. Thomas Linner has also been accepted into the DIN <b>Research, Innovation and Development Presidial Committee (SO-FIE)</b> and continues to actively support the connection between innovation and research with standardisation.</p> <p>With the support of DIN as a project partner in the REACH2020 project, the knowledge and potential of the project results could be brought into standardisation projects. The active involvement of the project partners in standardisation, even after the end of the project, will thus support the sustainability and dissemination of the REACH2020 results and further facilitate market transfer.</p>
<b>Launch &amp; Duration</b>	The REACH2020 project ran from 1 February 2016 – 31 January 2020
<b>Partners/ Sponsors</b>	See <a href="https://cordis.europa.eu/project/id/690425/results">https://cordis.europa.eu/project/id/690425/results</a>
<b>Further Information</b>	<ul style="list-style-type: none"> <li>• REACH2020 website: <a href="http://reach2020.eu/">http://reach2020.eu/</a></li> <li>• Cordis: <a href="https://cordis.europa.eu/project/id/690425/results">https://cordis.europa.eu/project/id/690425/results</a></li> <li>• CWA 17502: <a href="https://ftp.cencenelec.eu/EN/ResearchInnovation/CWA/CWA17502.pdf">https://ftp.cencenelec.eu/EN/ResearchInnovation/CWA/CWA17502.pdf</a></li> <li>• Valorisation-policies factsheet standardisation: <a href="https://ec.europa.eu/info/sites/default/files/research_and_innovation/strategy_on_research_and_innovation/documents/ec_rtd_valorisation-policies_factsheet.pdf">https://ec.europa.eu/info/sites/default/files/research_and_innovation/strategy_on_research_and_innovation/documents/ec_rtd_valorisation-policies_factsheet.pdf</a></li> <li>• CEN/CENELEC Standards+Innovation Award 2019: <a href="https://www.cencenelec.eu/research/Standards_Innovation_Awards/Pages/SI_Award2019_ThomasLinner.aspx">https://www.cencenelec.eu/research/Standards_Innovation_Awards/Pages/SI_Award2019_ThomasLinner.aspx</a></li> <li>• ISO/TC 314/WG2: <a href="https://committee.iso.org/sites/tc314/home/projects/ongoing/ongoing-2.html">https://committee.iso.org/sites/tc314/home/projects/ongoing/ongoing-2.html</a></li> </ul>
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