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Homes4Life

Certified smart and integrated living environments for ageing well

D5.8 – Dissemination and Communication Plan, activity and performance report

Deliverable D5.3		
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Executive Summary

The European project "Homes4Life" (H4L) (http://www.homes4life.eu) started in December 2018 and will end in February 2021. It aims at developing improved home environments that foster people's independence when ageing, supporting them to remain active and healthy, and integrating construction and digital solutions where this is beneficial.

Its main output are:

- **The Homes4life Vision**: The H4L Vision is a document outlining the sector vision at 2040. The Vision provides guidelines and tools for stakeholders that have to create business and policies about age-friendly environments.
- **A Taxonomy and KPI definition methodology**: The working taxonomy of age-friendly homes presents a structured and detailed breakdown of what it means for a home to be age-friendly. The KPI-framework uses the taxonomy as its structuring principle.
- **The Homes4life Certification Scheme**: A new European Certification Scheme for age-friendly housing in Europe. The scheme is based on a long-term vision of people's needs and requirements based upon a holistic life-course approach and a new conceptual framework for age-friendly housing.

This report first presents the Homes4Life Dissemination and Communication plan which was implemented during the project. The key underpinning concept of the Homes4Life dissemination & communication (D&C) strategy was to target key external stakeholders based upon a three-stage process going from awareness to understanding and ultimately to a point where stakeholders are applying and exploiting the Homes4Life project key outcomes.

The report then provides an overview of all D&C activities conducted over the duration of the project, i.e. from December 2018 to February 2021. All targets which were set at the beginning of the project when establishing the D&C plan have been met or exceeded, with the exception of the two KPIs related to Social Media (Twitter) and the CoI, which are slightly under at the time of writing this report.

Project partners participated to more than 40 events, have been active on social media, and several articles about the project have already been published or are in progress to promote the project, its ambition, and support the exploitation of its results, including its Vision and Certification Scheme.

Acronyms and abbreviations

CoI	Community of Interest
CS	Certification Scheme
D&C	Dissemination & Communication
EC	European Commission
EU	European Union
GA	Grant Agreement
KPI	Key Performance Indicator
LTC	Long-Term Care
PC	Project Coordinator
PO	Project Officer

1 Introduction

1.1 Aims and objectives

This report provides an overview and description of the Homes4Life Dissemination and Communication plan which was implemented to widely promote, and raise awareness for the Homes4Life project objectives and disseminate the project results.

This report also presents an activity and performance overview concerning the implementation of the plan throughout the entire duration of the project, from month 1 (December 2018) to month 27 (February 2021).

1.2 Relations to other activities in the project

The communication and dissemination strategic planning and execution was conducted under Task 5.2 and was informed by the work conducted in all work packages and tasks of the project.

1.3 Report structure

Section 2 of the report presents the key objectives and underpinning concept of the Homes4Life Dissemination and communication (D&C) plan. **Section 3** provides the dissemination timeline, which is mapped along specific release dates of key public deliverables. Section 4 presents the key stakeholders target audiences and their main interests and expectations related to H4L. **Section 5** presents D&C channels which were used to disseminate Homes4Life results, as well as the related KPIs and associated objectives. **Section 6** presents D&C multipliers which were used to maximize the impact of D&C activities. **Section 7** presents the validation process which was followed by all project partners before a D&C item goes external. **Section 8** explains how detailed planning and recording of D&C activities was conducted. **Section 9** details all D&C activities which have been conducted over the whole duration (M1 to M27) of the project. Finally, **Section 10** gives an overall performance update related to key D&C KPIs.

1.4 Contribution of partners

R2M is the main author of this report and of the overall Dissemination and Communication plan. All Homes4Life project partners have reviewed the report and contributed to the implementation of dissemination and communication activities according to this D&C plan.

2 Objective and key underpinning concept

The key underpinning concept of the Homes4Life dissemination & communication (D&C) strategy is presented in Table 1 below. The idea was to target key external stakeholders based on a three-stage process starting from raising awareness, followed by increasing understanding and, ultimately, reaching a point where stakeholders are applying and exploiting the Homes4Life project key outcomes.

TABLE 1 - HOMES4LIFE THREE-STAGE D&C PROCESS FROM AWARENESS TO ACTION

Stage 1. M1-M12 D&C for awareness	Stage 2. M13-M22 D&C for awareness and understanding	Stage 3. M23-M24 D&C for awareness, understanding, and action
In the first instance, the purpose of the Homes4Life D&C plan is to raise awareness and communicate broadly about Homes4life aims and objectives targeting the general public and relevant external organizations, stakeholders and potential end-users of the Homes4Life project outputs.	A subset of the "Stage 1" target audience for whom D&C for awareness activities is targeted, will potentially be able to directly benefit from the project in significant ways. For this group, an important function of the D&C plan is to provide a deeper understanding of Homes4Life project's work.	Yet another "Stage 2" subset of the Homes4Life stakeholders will be potentially interested to adopt and implement the project's outputs such as the Homes4Life developed certification scheme. This group will be equipped with the required skills, knowledge and understanding of the Homes4Life project in order to achieve a real change and to foster a greater uptake of age-friendly housing.

3 Dissemination timeline

In the first 12 months of the project the main focus of the dissemination actions is on stage 1 of the dissemination strategy (i.e. dissemination for awareness). During the next 8 months of the project it is anticipated that project partners continue with stage 1, but as concrete results emerge and milestones achieved, the dissemination strategy moves to stage 2 (i.e. dissemination for understanding). In the final two months of the project the focus will mainly be on those stakeholders who have the ability to implement the Homes4Life vision and certification, and the dissemination strategy moves thus to stage 3 (i.e. dissemination for action) which will make use of the practical material for exploitation/implementation(such as the Certification scheme promotional package).

The proposed dissemination timeline runs throughout the entire project. As such it is in line with the delivery dates of the project's 20 public deliverables (see Table 2). As it can be seen in the work plan, several submissions of public deliverables are grouped every year, in particular around M09 (3 public deliverables), M12 (7 public deliverables), and M24 (3 public deliverables). Key dissemination events presented in the next sections were activated in conjunction with these milestones.

TABLE 2 - HOMES4LIFE PUBLIC DELIVERABLES TIMELINE (SORTED BY DUE DATES)

N°	Deliverable Name	Due date	Dissemination focus
D5.4	Project website, logo, roll up poster, etc.	M03	Communicating and promoting awareness to wider public
D2.1	Desktop research report	M08	
D2.2	Stakeholder Workshop	M08	
D3.2	Certification schemes framework report	M09	
D2.3	Vision document	M11	
D3.1	KPI framework for smart age-friendly living environments	M12	
D2.4	Working taxonomy	M12	
D2.5	Innovation systems analyses	M12	
D3.3	Existing R&I initiatives report	M12	
D3.4	Homes4Life functional brief	M12	
D5.1	Homes4Life Stakeholders CoI	M12	
D5.3	D&C plan, activity & performance report	M12	
D5.5	Promotional videos	M12	
D4.1	Certification scheme – tech. ref. framework – v0	M12	
D4.3	Certification scheme – tech. ref. framework – v1	M20	Promoting greater understanding and knowledge
D4.4	Certification scheme – tech. ref. framework – Final	M22	
D4.5	Certification scheme promotional package	M22	Promoting uptake of results by relevant stakeholders
D4.6	MoU / commitment to invest in H4L certified age-friendly homes	M24	
D5.2	Exploitation and supporting investment strategy	M24	
D5.6	Homes4Life Final Event	M24	

4 Stakeholder groups and target objectives

D&C activities were aimed to encourage all identified stakeholder groups to exploit Homes4Life results in their daily work on age-friendly housing. Exploitation aims to ensure uptake of project results among key target groups now and in the future. Table 3 below

presents the main expectations of each stakeholder group targeted and impacted by Homes4Life.

TABLE 3 - HOMES4LIFE STAKEHOLDERS' GROUPS

Target groups	**Strategic D&C objective & expectations**
Building and real-estate industry Construction sector (builders, architects, product developers, manufacturers)	• Integrate their vision and challenges in the context of WP2, WP3 and WP4 to make sure Homes4Life proposals will fit their business • Get them involved in piloting the proposed certification scheme on experimental buildings / housing during the project (WP4) • Provide them the evidence that investments in making homes age-friendly will be a sound business model (WP5)
ICT industry, ICT providers and developers	• Integrate their vision and challenges in the context of WP2, WP3 and WP4 to make sure Homes4Life proposals will fit their business • Show the potential combination of the Homes4Life model with the needs related to energy-efficiency, security, and entertainment, to stimulate further investment (WP3)
Certification, regulation & standardisation bodies	• Gather details on their existing or emerging national certification schemes / initiatives to feed WP3 • Get them to comment and assess the technical reference framework which will underpin the new certification scheme (WP4) • Have them endorse and adopt Homes4Life outcomes (WP5): new certification offers, evaluation services, standards and labels that will implement Homes4Life findings
European Commission & policy makers	• Have them endorse the Homes4Life Vision, as well as adopt and support the identified areas where further research is needed (WP3) • Get support for widespread dissemination of Homes4Life results (WP5) • Get Homes4Life aligned with the EC policy priority[1], including the EU framework for age-friendly housing, the Commission's commitment to Leadership in the Internet of Things as described in the Communication "Digitising European Industry -

[1] Age-friendly housing has a role to play in meeting at least three of the six headline ambitions for Europe - proposed by the President of the European Commission Ursula von der Leyen - over the next five years and well beyond: a European Green Deal, an economy that works for people, and a Europe fit for the digital age. See the Homes4Life Vision – D3.2 - in its Section: "*Age-friendly housing contributes to Europe's headline ambitions*".

Target groups	Strategic D&C objective & expectations
	Reaping the full benefits of a Digital Single Market", the European Pillar of Social Rights.
General public, citizens including older adults, informal carers and their representative organisations	• Raise awareness about the project overall goal and its relation to major societal challenges (WP5) • Get citizens involved in participatory design activities of the project and the definition of user requirements (WP2, WP3), through strategic partners like AGE Platform Europe and Eurocarers.
Community service providers.	• Get them to contribute to the Homes4Life Vision (WP2) and model definition (WP3) • Involve them in the participatory design activities of the project and the definition of user requirements (WP2, WP3)
Researchers from the social sciences and the humanities	• Get them involved in all phases of the project (WP1, 2, 3, 4, and 5) to make sure end-user needs are prioritised throughout the project
Investors & housing stock owners (public, private, profit, not-for profit)	• Provide them with adequate basis for investment decisions in smart living environments for ageing well (both private and public) based on expected returns (WP5)
Relevant other R&I projects	• Incorporate their results and lessons learnt in the context of WP2 • Have them endorse and apply the Homes4Life model (WP3) and certification scheme into their demo sites (WP4)
Large-Scale Pilots on Internet of Things	• Evaluate feasibility to validate the proposed Homes4Life certification scheme (WP4) through their demo sites
Stakeholder-driven Reference Framework for Age-Friendly Housing initiative	• Align findings and join forces to synchronise / mutualise efforts (All WPs)

5 D&C channels and KPIs

Various Dissemination and Communication channels are activated depending on the content and target. Key channels are summarised in Table 4 below, in connection with Key Performance Indicators (KPIs). Targets associated to KPIs were monitored to evaluate the performance of D&C activities. Chapter 10 reports on achieved performance against these targets.

TABLE 4 – D&C CHANNELS AND KPIS

KPI	Stage 1. Target M1-M12	Stage 2. Target M13-M22	Stage 3. Target M23-M24	Cumulative target
Public website | www.homes4life.eu (see Deliverable D5.4)				
N° of visits	1000	1000		2000
N° of downloads		>500 for key deliverables		>500
Social media | Homes4Life Twitter feed - https://twitter.com/Homes4LifeH2020				
N° of followers	200	800		1000
Dissemination network | Community of Interest (see Deliverable 5.1)				
CoI members	150	600		>750
Promo videos (see Deliverable 5.5)				
N°	1	1		2
N° of views		>800		>800
Publications in professional magazines				
N° publications	4	4		8
Publications in general media				
N° publications	2	2		4
Events (Active participation in conferences, exhibitions, posters)				
N° of events	9	9		18
N° of attendees	500	1500		2000
Final project promotion event (see Deliverable 5.6)				
Final event		1		1

6 D&C multipliers

When implementing D&C activities, Homes4Life partners exploited as much as possible D&C multipliers presented in Table 5 (platforms, clusters, associations to which they are members) in order to achieve a widespread dissemination of project results.

TABLE 5 – D&C MULTIPLIERS

Network, group, stakeholder	**Geographical target**	**Connection to the consortium**	**Involvement in Homes4Life**
International Society for Gerontechnology (ISG)	International	This is the main scientific community that brings together ageing scholars (SSH) and technologists; UU (Alexander Peine) is a former executive board member of the ISG	Involvement of project workshops; using ISG conferences and Master Classes for dissemination

Network, group, stakeholder	Geographical target	Connection to the consortium	Involvement in Homes4Life
World Green Building Council, GBC Italia, Alliance HQE-GBC	International, Europe, Italy, France	R2M is member of GBC-Italia, CER is member of Alliance HQE-GBC. Both are linked to World GBC.	Although targeted primarily to energy and environmental efficiency, these associations also address wider sustainability dimension such as age- friendly homes in dedicated working groups. They will be used as communication and dissemination channels for the project results.
European Connected Health Alliance, ECH Alliance	International, Europe	Not-for-profit organisation which facilitates international multi-stakeholder connections around ecosystems, driving sustainable change and disruption in the delivery of health and social care.	Involvement in communication and dissemination activities (WP5) Andy Bleaden form the Homes4Life expert board is one of the directors of ECHAlliance Ecosystems
European Roadshow of Age- Friendly Homes	Europe	University of Utrecht has organized a broad stakeholder consultation process (a roadshow) on age-friendly neighbourhoods, together with DG Connect (which has resulted in the final report with "Recommendations for the European Reference Framework for Age friendly housing")	The roadshow has delivered ample contacts across the whole stakeholder network of the age-friendly environment eco-system, at both national and European levels. These contacts will be utilized in the knowledge consolidation objective of this project.
JESSICA fund (Joint European Support for Sustainable Investment in City Areas)	Europe	TECNALIA´s contact through previous projects (Sisak Smart Energy City), and one of the experts of the experts' board comes from the EIB, responsible for this program.	Involvement of them through the meetings with the expert's board. Consultation on knowledge on financing bodies in Europe and on barriers/opportunities.
EIT Health	Europe	EIT Health is a Knowledge and Innovation Community (KIC) established by the	One of its challenges is to support active ageing, by developing tools to help all of us work more flexibly

Network, group, stakeholder	Geographical target	Connection to the consortium	Involvement in Homes4Life
		European Institute for Innovation & Technology (EIT). It promotes healthy living, active ageing and improvements in healthcare by bringing together leading healthcare companies across multiple industry sectors, public and private research centres, and top universities. TEC is partner in this community.	and live longer in our own homes. They will be used as communication and dissemination channels for the project results. Involvement in final conference
European Innovation Partnership on Active and Healthy Ageing (EIP-AHA)	Europe	Many of the partners of this proposal are involved in the different action groups of the EIP-AHA. And also, some members of the Experts Board	Involvement in final conference and in national workshops
ECTP – Active Ageing & Design Committee	Europe	ECTP is partners of the proposal, at the same time many of the partners of the proposal are ECTP members and active contributors to its AA&D committee	ECTP & AA&D committee communication channels and workshops will benefit to Homes4life activities
JPI "More Years, Better Lives"	Europe	University of Utrecht and AGE Platform Europe are represented in the JPI's advisory boards. JPI "More Years, Better Lives" takes care of the social science & humanities aspects of age-friendly environments, especially from a user driven perspective	Establishing and maintaining a dialogue with projects funded under the 3rd MYBL call; these 8 projects look at age-friendly living environments from the user perspective.
Alliance of Internet of Things Innovation (AIOTI)	Europe	ECTP is a member of AIOTI, especially in its age-friendly living environments working group (WG5).	AIOTI members will be consulted during this coordination & support action.

Network, group, stakeholder	Geographical target	Connection to the consortium	Involvement in Homes4Life
AAL (Active and Assisted Living) Programme	Europe	Several partners are involved in the AAL program and are usually joining AAL initiatives	The AAL projects and initiatives will represent important vehicles to disseminate the project outcomes.
REHVA , the Federation of European Heating, Ventilation and Air Conditioning Associations	Europe	REHVA represents a network of more than 100.000 engineers from 27 countries. UPM cooperates with REHVA for specific projects.	REHVA will be consulted to check consistency of the proposed certification schemes with HVAC standards
France Silver Eco	France	An association created in 2009 which aims at growing the silver economy sector and promote healthy ageing innovative solutions	France Silver Eco members will be consulted to comment on and contribute to the Homes4Life reference framework definition.
Smart Buildings Alliance for Smart Cities (SBA)	France	CER is a member of SBA and developed its Ready2Services label in cooperation with the association	Homes4Life will use the SBA platform and its 200+ members to promote Home4life results but also to gather incremental feedback on its achievements and progress
ANCI – National Association of Italian Cities	Italy	UPM is working in several activities with ANCI, in particular in the field of healthy and smart cities	ANCI will be consulted during the project to check applicability of the proposed schemes.
Federcostruzioni – Italian Association of the whole Construction Industry	Italy	It includes all Associations (including designers, material producers, electrical plants, constructors, etc.) of the construction value chain (30.000 companies, 350 Billion Euros turnover, 3 million workers). UPM cooperates with Federcostruzioni for innovation roadmaps.	Federcostruzioni will be consulted as relevant industrial stakeholder to assess exploitability and replicability of the proposed certification scheme.
Ministerio de Sanidad Servicios sociales e Igualdad.	Spain	TECNALIA´S direct interaction in multiple initiatives. Letter of support.	Involvement in interviews and dissemination of project results (WP5).

Network, group, stakeholder	Geographical target	Connection to the consortium	Involvement in Homes4Life
Instituto de mayores y servicios sociales. CEAPAT - El Centro de Referencia Estatal de Autonomía Personal y Ayudas Técnicas			
Covenant on Demographic Change	Europe	AGE Secretary General is also the secretary General of the Covenant on Demographic Change. This non-for-profit European Association promotes and support the work of local and regional authorities in implementing age-friendly environments	Support dissemination of project results

7 Validation process for D&C activities

7.1 Scientific publications

The following validation process was followed by all project partners before a Homes4Life scientific publication (conference or journal paper) item goes external:

Prior notice of any planned publication shall be given to the other Parties **at least 45 calendar days before the publication for their approval**, together with information about the H4L project outcomes and results they intend to l publish for dissemination purposes.

To illustrate with a concrete example:

- Partner xx intends to prepare a publication for which the submission deadline is July 1st, 2019
- Partner xx should then send to all partners (i.e. in an email to all@homes4life.eu) sufficient information on the results that the publication will disseminate, at the latest on May 17th, 2019 (i.e. 45 calendar days before July 1st)

Further details are provided in the Consortium Agreement (in particular Article 8.4 - Dissemination) and Grant Agreement (in particular Article 29 – Dissemination of results, open access, visibility of EU funding) with further detailed explanations.

7.2 Other D&C items

The following validation process presented in Table 6 was followed for all other types of D&C.

TABLE 6 – D&C VALIDATION PROCESS (OTHER THAN SCIENTIFIC PUBLICATIONS)

Document type	Validation process
PowerPoint presentation	Send for validation to: • the coordinator • the dissemination manager at least **3 working days** before the publication. If no reply, the presentation is considered validated.
Article (web, magazine, etc.)	Send for validation to: • the coordinator • the dissemination manager at least **5 working days** before the publication. If no reply, the article / presentation is considered validated.
Any other material (e.g. press release, video, etc.)	Send for validation to: • all partners at least **15 working days** before the publication. If no reply, the article / presentation is considered validated.
Homes4Life Twitter post	Publication is immediate. R2M is the manager and moderator of the Homes4Life Twitter feed and is able to remove articles if inappropriate. Partners can retweet from their organisation or personal twitter accounts, or they can send the content of a Tweet to R2M by email for publication.

8 Detailed planning and recording of D&C activities

An online Google sheet (see Figure 1) was used for a detailed monitoring of both:

- **Past D&C activities**: the idea is to record "who did what" and capture the key feedback & impact of every action for our project. A blog post and tweet were published on the project website for each key achieved activity.
- **Upcoming activities**: a separate list of upcoming events was regularly updated so that future D&C actions can be anticipated

The Google sheet is accessible through the following URL:

https://docs.google.com/spreadsheets/d/1bjOiXnSHoqPd8KwpIXxM84gYRosx3gATMQhHE8xIbC8/edit#gid=0

Various tabs (at the bottom of the Google Sheet) were used to structure the content and to monitor activities and the progress on dissemination of specific contents (e.g. press release, workshop organised by the project, key public report released, etc.). Access to the Google Sheet was reserved to the Homes4Life project partners and updates were processed in a collaborative way.

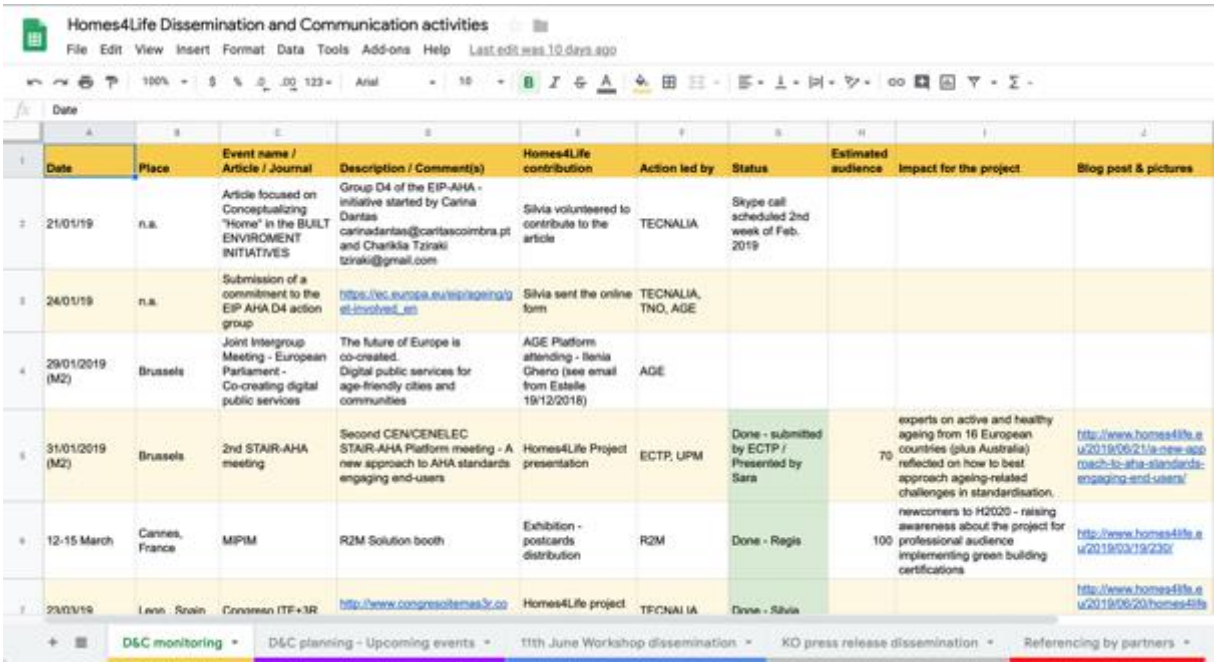


FIGURE 1 – SCREEN SHOT OF HOMES4LIFE D&C ACTIVITIES MONITORING TABLE - ONLINE GOOGLE SHEET

9 Summary of performed D&C activities

This section presents an overview of the activities conducted over the whole duration of the project, from M1 (December 2018) to M27 (February 2021).

Performed D&C activities include participation and contribution to **Events**; preparation and publication of **Articles** in online magazines, websites, newsletters; update of the Homes4Life **Website**; **Social Media** management; preparation of a first project **Promotional Video**; and management of the **Community of Interest**.

For their D&C activities, Homes4Life partners have used the D&C material developed by R2M which is further presented in **Deliverable 5.4** (Homes4Life project website, project roll-up poster, project postcard, etc.). Additional material was also designed after submission of D5.4, such as Homes4Life notepads and Homes4Life pens which were submitted at the Homes4Life Stakeholder's workshop (see further details in **Deliverable 2.2**) – see Figure 2.

FIGURE 2 - HOMES4LIFE DISSEMINATION MATERIAL (ROLL-UP, NOTEPAD, POSTCARD, PEN, POSTER)

9.1 Events

For the sake of brevity of this deliverable, a **full report** for each of the events listed below is accessible on its **corresponding blog post – click on the link** indicated in each event table, which will redirect to the Homes4Life website.

9.1.1 2nd STAIR-AHA Meeting

Date	Location	Event	Action led by
31/01/2019 (M2)	Brussels, Belgium	2nd STAIR-AHA meeting	ECTP, UNIVPM
Description	PROGRESSIVE Final Conference & 2nd CEN/CENELEC STAIR-AHA Platform meeting - A new approach to AHA standards engaging end-users. Meeting which took place at the Federation of Enterprises in Belgium (FEB), Brussels (Belgium) supported by the PROGRESSIVE project. Sixty-four experts on active and healthy ageing from 16 European countries (plus Australia), represented the diversity of stakeholders in the standardisation field. Eleven high-level experts on Active and Healthy Ageing and on standardisation facilitated the discussion with the audience members on age-friendly communities as enablers of Active and Healthy Ageing; on inclusiveness in standardisation, taking accessibility and usability as a use case; and on age-friendly smart homes as a tool for independent living.		
Contribution	Homes4Life Project presentation in a panel of expert on age-friendly smart homes. Mr. Frederic Lievens (Telehealth Quality Group, PROGRESSIVE) moderated the panel of experts on age-friendly smart homes, comprised by: • Ms Sara Casaccia, Post Doc – Università Politecnica delle Marche, Homes4Life project • Ms Julia Wadoux, Policy Coordinator for Health, ICT and Accessibility, AGE Platform Europe (Homes4Life partner) • Ms Lydia Vogt, Project Manager, DIN, PROGRESSIVE.		
Stakeholders	Experts on age-friendly homes and standardisation		
Impact for the project and next steps	Experts on active and healthy ageing from 16 European countries (plus Australia) reflected on how to best approach ageing-related challenges in standardisation		
Estimated audience	70	Blog post	http://www.homes4life.eu/2019/06/21/a-new-approach-to-aha-standards-engaging-end-users/
PROGRESSIVE			

9.1.2 MIPIM 2019

Date	Location	Event	Action led by
12-15/03/2019 (M4)	Cannes, France	MIPIM	R2M
Description	MIPIM in Cannes, is the world's leading property market. MIPIM brings together players from all international property sectors – including residential – offering access to a large number of development projects and sources of capital worldwide. The event aims to facilitate business between investors, corporate end-users, local authorities, hospitality professionals, industrial and logistics players and other real estate professionals. The 2019 edition gathered 26 800 players from all sectors of the international property industry with more than 5,400 investors, 560 political leaders coming from more than 100 countries. R2M Solution had a booth at MIPIM 2019, showcasing its portfolio of EU projects.		
Contribution	Homes4Life was presented as part of the R2M Solution booth. Exhibition, postcards distribution, bilateral discussions.		
Stakeholders	Real-estate companies and investors		
Impact for the project and next steps	Newcomers to H2020 - raising awareness about the project for professional audience implementing green building certifications. Interesting contacts of real-estate companies have been obtained, that can be used as targets for growing the Homes4Life CoI (D5.1). Later in the project it will be useful to get back to these stakeholders to send them the certification promotional package (D4.5) and potentially look for Commitments to invest in age-friendly homes (D4.6).		
Estimated audience	100	Blog post	http://www.homes4life.eu/2019/03/19/230/

9.1.3 Congreso ITE+3R

Date	Location	Event	Action led by
23/03/2019 (M4)	Leon, Spain	Congreso ITE+3R	TECNALIA
Description	ITE+3R Congress: from the technical inspections of Buildings to Urban rehabilitation, Regeneration and Renovation. This event was focused on buildings and urban refurbishment and sustainability.		
Contribution	Homes4Life coordinator TECNALIA – Silvia Urra Uriarte – presented the project at the congress within the Round Table 1 "The human profile in the retrofitting and urban regeneration interventions". A video (in Spanish) of the roundtable was recorded and is now available on the conference website.		
Stakeholders	Spanish construction and sustainability professionals		
Impact for the project and next steps	This presentation contributed to raise awareness about the project and to recruit additional Spanish stakeholders for the CoI.		

Estimated audience	50	Blog post	http://www.homes4life.eu/2019/06/20/homes4life-at-the-ite3r-congress-in-leon-spain/

9.1.4 EIP AHA D4 face to face meeting

Date	Location	Event	Action led by
23/03/2019 (M4)	Krakow, Poland	EIP AHA - D4 Action Group	TECNALIA, UU

Description	Meeting of the D4 Action Group on Innovation for age-friendly buildings of the EIP AHA (European Innovation Partnership on Active and Healthy Ageing) - organised by LifeScienceLab of Krakow, invited by Willeke van Staalduinen, Co-founder of AFEdemy. The meeting was focused on the recent developments in the field of active and healthy ageing and more specifically on age-friendly environments. The event offered an opportunity to discuss age-friendly environments policies and experiences in Poland, European age-friendly housing certification, smart healthy age-friendly environments, and the future of EIP AHA beyond 2020.		
Contribution	TECNALIA – Silvia– and Utrecht University – Frans Sengers – presented the Homes4life project at the meeting during the 2nd day session focused on Smart Living and Housing.		
Stakeholders	Age-friendly buildings experts from the EIP AHA		
Impact for the project and next steps	Several questions emerged from the presentation and were discussed with the audience, in particular on ideas about how to eventually employ the Homes4Life certification scheme and in relation with our future pilot projects.		
Estimated audience	50	Blog post	http://www.homes4life.eu/2019/06/20/homes4life-presented-at-eip-aha-d4-age-friendly-environments-meeting

9.1.5 IVVD Zorgvastgoeddag 2019

Date	Location	Event	Action led by
15/05/2019 (M6)	Breukelen, Netherlands	IVVD Zorgvastgoeddag 2019	TNO
Description	Annual event focused on trends and topics in design and property management of the built environment for health and care, with a particular focus on challenges and opportunities arising from disruptive developments in long-term care demand, including attention to benefits from investment in alternatives to care such as ageing in place		
Contribution	Homes4Life project Presentation in a parallel working session.		
Stakeholders	Dutch property managers, consultants, care institution representatives and representatives from public authorities/social care.		
Impact for the project and next steps	Constructive dialogue and tips and suggestions from audience on further development of Homes4Life components, particularly focused on the certification scheme.		
Estimated audience	About 25		

9.1.6 Your Future Festival

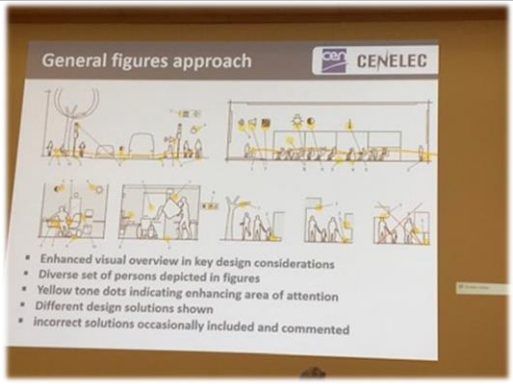
Date	Location	Event	Action led by
17/05/2019 (M6)	Pesaro, Italy	Your Future Festival	UNIVPM
Description	UNIVPM University event focused on European Science & Research		
Contribution	Homes4Life presentation within overall UNIVPM presentation		
Stakeholders	UNIVPM students		

Impact for the project and next steps	The workshop was organized for students to talk about the importance of the united Europe and the opportunities for students to move in European countries. During the presentation, some European projects, included H4L, was presented to demonstrate how with the European projects is possible to create a network of knowledge.		
Estimated audience	40	Blog post	http://www.homes4life.eu/2019/06/20/homes4life-at-the-italian-your-future-festival/

9.1.7 Open Workshop: Mandate M/420 and prEN 17210

Date	Location	Event	Action led by
05/06/2019 (M7)	Brussels, Belgium	Open Workshop: Mandate M/420 and prEN 17210	EUROCARERS, ECTP

Description	Open workshop on the first European Standard on the accessibility of the built environment. Views from selected stakeholders were presented such as the European Disability Forum, the European Consumer Voice in Standardisation, International Union of Architects and the European Network for Accessible Tourism etc. PrEN 17210 is a voluntary European standard that provides functional requirements and recommendations for an accessible and usable built environment – following a design for all approach, including persons with disabilities.		
Contribution	Homes4Life partners EUROCARERS (Nadia KAMEL) and ECTP (Alexis DAVID) presented Homes4Life during lunch & networking sessions.		
Stakeholders	EU Experts on accessibility and standards.		
Impact for the project and next steps	Participation contributed to raise awareness about the project.		
Estimated audience	70	Blog post	http://www.homes4life.eu/2019/06/20/open-workshop-on-the-first-european-standard-on-the-accessibility-of-the-built-environment/



9.1.8 Sustainable Places 2019

Date	Location	Event	Action led by
05-07/06/2019 (M7)	Cagliari, Italy	Sustainable Places 2019	R2M
Description	Yearly event co-organised by R2M - http://www.sustainableplaces.eu Sustainable Places prides itself on being an ideal platform for the dissemination of research, the conduct of workshops, EU project clustering and networking between stakeholders of all types.		
Contribution	Homes4Life presentation within the "Innovative Construction" track of the conference.		
Stakeholders	Stakeholders involved in other related European research projects, with expertise on Construction, ICT, circular economy, and social sciences.		
Impact for the project and next steps	Questions were raised after the presentation on whether the certification will go beyond "homes" and consider surrounding environments. The event has permitted to add contacts to the CoI.		
Estimated audience	30	Blog post	http://www.homes4life.eu/2019/06/10/homes4life-presented-by-r2m-solution-at-sustainable-places-2019/

9.1.9 2nd International Social Housing Festival

Date	Location	Event	Action led by
04-08/06/2019 (M7)	Lyon, France	2nd International Social Housing Festival	AGE
Description	Making the link between the homes we inhabit, the cities we live in and the overall quality of life, the ISHF 2019 aims through a series of diverse events to highlight the importance of access to decent housing for all, to celebrate the long tradition of public, cooperative and social housing and its key role in addressing current and future housing challenges.		
Contribution	Exhibition & pitch of the project in a dedicated innovation session		
Stakeholders	Social Housing organisations, local and public authorities.		
Impact for the project and next steps	Interesting follow-up discussion with social housing stakeholders - will be invited to join the CoI.		
Estimated audience	50	Blog post	http://www.homes4life.eu/2019/06/10/homes4life-presented-by-age-platform-at-ishf2019/

9.1.10 Cities to Be – Journée des réseaux

Date	Location	Event	Action led by
11 Sept. 2019 (M10)	Paris, France	Cities to Be – Journée des reseaux (Day of networks)	CERTIVEA
Description	**CITIES TO BE** – The industry event for professionals in sustainable construction; Cities to Be is a conference promoting action aimed at: • *BEING UPDATED ON* feedback from the field in France and abroad • *SHARING* good practices and solutions • *MOBILIZING* stakeholder dynamics • *RAISING AWARENESS* and *PUTTING INTO PRACTICE* over the time frame 2030-2050		
Contribution	During the specific "Networks day", CERTIVEA CEO Patrick NOSSENT gave an update on CERTIVEA prospective activities focused on ICT, including Homes4Life, and other connected initiatives such as 4Grids		

	(Ready2Services extended for Smart Grids) and BIM4Value. He presented the main objectives of Homes4Life project.		
Stakeholders	Professional building assessors		
Impact for the project and next steps	The event contributed to raise awareness about the project, and to outline the future Homes4Life CS, to an audience already familiar with the current portfolio of CERTIVEA certifications rather focused on sustainability. These people can be assessors for the future Homes4Life certification scheme, or consultants to provide advices to the future users of this certification scheme.		
Estimated audience	100	Blog post	http://www.homes4life.eu/2019/11/13/homes4life-at-cities-to-be-international-congress-on-sustainable-buildings/
Cities to Be 8e Congrès interNational du Bâtiment Durable International Congress			

9.1.11 AAL Forum 2019

Date	Location	Event	Action led by
23/09/2019 (M10)	Aarhus, Denmark	AAL Forum 2019	UNIVPM
Description	AAL Forum offers an opportunity to be involved in an ecosystem that promotes a new social and economic approach to grow a more inclusive silver economy that benefits individuals, society and industry. As one of the largest events of its kind in Europe, the 2019 AAL Forum hosted an exhibition of technology designed to improve the quality of life for older people. This year edition had a specific focus on "*Smarter practical implementation of digital solutions to enhance active and healthy living*".		
Contribution	Submitted for a 90' Workshop; accepted as a Poster & Presentation		
Stakeholders	All actors interested by Ambient Assisted Living : researchers, technology developers, policy makers, public authorities, etc.		
Impact for the project	Interesting follow up discussion - around 10 Q&A about the project and its objectives		
Estimated audience	30	Blog post	http://www.homes4life.eu/2019/09/26/homes4life-in-denmark-at-the-aal-forum/

9.1.12 European Week of Regions and Cities

Date	Location	Event	Action led by
07-10/10/2019 (M11)	Brussels, Belgium	European Week of Regions and Cities	AGE, TECNALIA
Description	**Healthy ageing in cities and regions: inspiring examples to frame the future,** dedicated workshop on Ageing and built environment. This workshop was the opportunity to uncover why some ageing policies have been more successful than others and help cities and regions tap into the potential that older people present while also overcoming some of the constraints and challenges that urban environments often pose on older residents.		
Contribution	Homes4Life contributed to the workshop "Healthy ageing in cities and regions" which focused on concrete examples from different places across Europe.		
Stakeholders	Public and local authorities, administration bodies.		
Impact for the project and next steps	Raising awareness about the project and the importance of age friendly housing in the administration bodies that attended the session. This workshop brought an additional proof that investing in international and European cooperation is key to learn from the others, share experiences and get further inspiration		
Estimated audience	90-100	Blog post	http://www.homes4life.eu/2019/10/19/healthy-ageing-in-cities-and-regions-inspiring-examples-to-frame-the-future-2/

9.1.13 ICSH Biennial National Social Housing Conference 2019

Date	Location	Event	Action led by
10-11 Oct. 2019 (M11)	Wexford Ireland	ICSH Biennial National Social Housing Conference 2019	UU
Description	**Social Housing 2019 | Innovation, Delivery & Sustainability** Particular track on life-time housing Almost 350 participants attended, and the event explored the themes of innovation, delivery and sustainability for successful initiatives as well as an award for best successful Irish project in different categories, including housing for older adults.		
Contribution	Frans Sengers (UU) was invited to speak there (Travel reimbursed)		
Stakeholders	The conference brought together a variety of key players in the housing sector, such as social housing providers, local authorities, statutory bodies, government departments, private sector players, health services and the wider NGO sector.		
Impact for the project and next steps	The presentation was well received, and people were interested in the Homes4Life project generally. During Q&A there were questions about the character of the H4L certification scheme – will it amount to a single quantitative label score? A few people came up to Frans Sengers after the session asking for more details on the project. The session included other presenters on wheelchair accessibility and dementia friendly homes, but interestingly the organizers named the entire session 'homes for life' and presented it according to this way for the entire conference. This presentation led to Ireland being interested in being pilot sites for the Homes4Life CS and to share the info to their contacts.		
Estimated audience	60	Blog post	http://www.homes4life.eu/2019/10/21/389/

9.1.14 3rd Healthy City Design 2019 International Congress

Date	Location	Event	Action led by
14-15 Oct. 2019 (M11)	London, UK	3rd Healthy City Design 2019 International Congress	TNO
Description	Designing for utopia or dystopia? People and planetary health at a crossroads. Healthy City Design 2019 (HCD 2019) International Congress & Exhibition is a global forum for the exchange of knowledge on the research, policy and practice of designing healthy and sustainable cities and communities.		
Contribution	Presentation in parallel track working session & invited to contribute to other relevant sessions within the programme		
Stakeholders	UK audience of architects and designers, property developers, urban planners, and public authority representatives		
Impact for the project and next steps	Dissemination of the project's existence to the above audience, contribution to grow the Homes4Life CoI.		
Estimated audience	About 25	Blog post	http://www.homes4life.eu/2019/11/18/designing-for-utopia-or-dystopia-people-and-planetary-health-at-a-crossroads-2/

9.1.15 Innovative City

Date	Location	Event	Action led by
15 Oct. 2019 (M11)	Nice, France	Innovative City	R2M
Description	Annual smart city exhibition and conference organised in Nice. This year edition was entitled "Innovation for Better Life & Smart Business". This new edition of Innovative City had a specific track focused on healthcare & territories, e-Health as well as telemedicine which provided useful insights on additional dimensions that might be incorporated into the future Homes4Life certification scheme.		
Contribution	Invited by ENOLEO (company part of the same group of R2M French branch); Exhibition at ENOLEO booth, Postcards distribution, bilateral discussion with conference participants.		
Stakeholders	French stakeholders interested by smart cities: technology providers (large industry, SMEs), local authorities, associations, etc.		
Impact for the project and next steps	Participation allowed to discuss the project progress with relevant contacts of the Nice eco-system, including from the Metropolis Nice Côte d'Azur, ExactCure (which had signed a Letter of Support during the proposal phase), Nice Chamber of Commerce, etc. The metropolis of Nice should provide a pilot site as part of the certification scheme testing in WP4.		
Estimated audience	20	Blog post	http://www.homes4life.eu/2019/10/21/homes4life-at-innovative-city-in-nice/

9.1.16 atHOME EU Project conference

Date	Location	Event	Action led by
22 Oct. 2019 (M11)	Brussels, Belgium	atHOME EU Project conference	AGE
Description	**Improve the skills of home helpers for older people -** Conference in Brussels on the development of professional skills for home helpers, and on improving the quality of care for the older person at home. This event was part of the atHOME European project which aims to improve the maintenance of older and dependent people at home. Among the topics covered: the issue of training, interaction and cooperation between the various actors of the home help and care, all for the benefit of the well-being of the elderly		
Contribution	Estelle Huchet (AGE Platform) moderated a panel within the conference		
Stakeholders	Formal carers and personal household service suppliers.		
Impact for the project and next steps	The exchanges with the panellists and audience allowed to have a first contact with formal carers and personal household service suppliers that are not formally represented in the consortium of Homes4Life. The presentation of the project also allowed to explore informally funding opportunities like investEU for project follow-ups.		
Estimated audience	100	Blog post	http://www.homes4life.eu/2019/10/24/improve-the-skills-of-home-helpers-for-older-people/

9.1.17 Zorgvisie Zorg Vastgoed congress 2019

Date	Location	Event	Action led by
24 October 2019 (M11)	Nieuwegein, Netherlands	Zorgvisie Zorg Vastgoed Congres 2019 – Nieuwe Zorg, Oud Vastgoed	TNO
Description	Conference aimed at property developers, consultants, long term care institutions, housing corporations, public authorities and other stakeholders with an interest in the built environment for Long-Term Care (LTC). Theme of the conference was the need for innovative built environment and property management responses to		

	disruptive developments in LTC-demand, including a look at alternatives to traditional care arrangements, including ageing in place.
Stakeholders	Dutch property developers, consultants, long term care institutions, housing corporations, public authorities.
Contribution	Menno Hinkema (TNO) gave a plenary presentation on the Homes4Life concept and approach.
Impact for the project and next steps	The existence and objectives of Homes4Life were communicated to a fairly large and relevant Dutch audience. Exchanges with the audience evinced a critical but keen interest in the project and led to the identification of a Dutch cluster of initiatives centred on self-organisation and community living
Estimated audience	100

9.1.18 Smart Cities : Città, cittadini e tecnologie

Date	Location	Event	Action led by
25 Oct. 2019 (M11)	Grottammare, Italy	Smart Cities : Città, cittadini e tecnologie	UNIVPM
Description	**The event was entitled Smart Cities: Città, cittadini e tecnologie – City, citizens & technology.**		
Contribution	Prof Gian Marco Revel from Università Politecnica delle Marche introduced Homes4Life at the event. The speech was focused on innovation projects dealing with active ageing with a focus on the area of Marche Italian Region that was affected by recent earthquakes.		
Stakeholders	Italian Public and local authorities		

Impact for the project and next steps	Presenting to the local stakeholders the possibility of using the H4L Certification Scheme to guide the reconstruction in the rural earthquake areas (potential pilot case).		
Estimated audience	50	Blog post	http://www.homes4life.eu/2019/11/03/homes4life-contributing-to-smarter-cities/

9.1.19 III Conference "Good European Age-Friendliness Practices"

Date	Location	Event	Action led by
13 Nov. 2019 (M12)	Donostia-San Sebastian, Spain	III CONFERENCE, European good practices in friendliness	TECNALIA
Description	"Euskadi Lagunkoia" is a project of the Department of Employment and Social Policies of the Basque Government in collaboration with Matia Instituto, which is aimed at promoting participation of citizens as well as the public, private and social sector to develop a movement to foster age-friendly living environments. This initiative is based on the "Age-friendly Environments Programme" promoted by the World Health Organisation. At the present time more than 60 cities and towns throughout the Basque Country are members of this Network and more than 800 are in the world Network of the WHO. The III Conference "Good European Age-Friendliness Practices" is part of this project.		
Contribution	Silvia Urra (TECNALIA) presented the project Homes4Life in TABLE 1: Best practice in Europe		
Stakeholders	Professionals and experts in the field of ageing, town-planning and social innovation, public policy-planners and -makers, and citizens in general		
Impact for the project and next steps	To make the project visible among the above audience. People from different sector showed their interest: 2 people from different public administrations (city council) one asking for the possibility to use one of their dwellings for the pilots of the CS and the other one asking for advice. Other participants commented on a project in design phase in the south of Spain that could be interesting to have in mind for the pilot. A person representing an active older people association to invite us to participate in a session with them. In general, the audience showed real interest.		

Estimated audience	230	Blog post	http://www.homes4life.eu/2019/11/23/european-good-practices-in-friendliness/

9.1.20 ECTP AA&D committee

Date	Location	Event	Action led by
3 Dec. 2019 (M13)	Brussels, Belgium	ECTP Active Ageing & Design committee	UU / ECTP / AGE
Description	The main mission of ECTP and its committees is to develop new R&D&I strategies to improve competitiveness, meet societal needs & take up environmental challenges through an Innovative Built Environment. Its AA&D committee aims at promoting the applied research and innovation in the cross-space created between the active ageing and living environment sectors		
Contribution	The progress of the Homes4Life project was presented by Prof. Alexander Peine, Utrech University at the December 2019 ECTP AA&D – Active Ageing & Design – Committee meeting.		
Stakeholders	ECTP members registered to the AA&D committee		
Impact for the project and next steps	Homes4Life presentation was well received by the audience. Discussions focused on the role of the project for SMEs and the access to the market for the technologies they develop. However, it has been reminded that the first motivation of Homes4Life is the people's needs and quality of life. Thus, the main goal it to certify buildings, not the technologies directly.		
Estimated audience	16	Blog post	http://www.homes4life.eu/2020/02/10/active-ageing-design-ectp-committee/

ACTIVE AGEING & DESIGN
AN ECTP COMMITTEE FOR INNOVATIVE BUILT ENVIRONMENT

9.1.21 ETSI Open Meeting, Smart Cities and Communities

Date	Location	Event	Action led by
11 Dec. 2019 (M13)	Brussels, Belgium	ETSI Open Meeting, Smart Cities and Communities	AGE
Description	This event was to support ETSI's Human Factors Technical Committee, preparing a Technical Report with recommendations giving an overview of existing and needed standardization relating to the requirements of inhabitants of or visitors to smart cities or communities. The Report aims at examining the standards landscape in this context, and make recommendations as to how the current situation can be improved.		
Contribution	Nhu Tram (AGE) was invited to speak in Panel 2 - The panel discussed the needs of citizens in a smart community. Are their needs for safe, reliable and transparent services often forgotten? Taking into account citizens' wide diversity, how can the interests of every member of communities, including younger and older persons, as well as persons with disabilities, be met? How can citizens' interfaces with their local authority be improved?		
Stakeholders	Standardisation, ICT, Smart Cities stakeholders		
Impact for the project and next steps	Nhu participated to the "citizens' panel" dealing with issues of accessibility, privacy, and security among others. Ahead of the event, a written statement was prepared and can be found here.		
Estimated audience	50	Blog post	http://www.homes4life.eu/2019/12/26/standards-for-the-smart-citizen-brussels-11-december/

9.1.22 AgeingFit 2020

Date	Location	Event	Action led by
28-29 January 2020 (M14)	Nice, France	AgeingFit 2020	UNIVPM / AGE
Description	AgeingFit is the European event fostering innovation in the healthy ageing sector. A specific track was organised on the topic "Building new		

	smart homes of focusing on retrofit?; How to design and deliver housing that older people want and need ?"		
Contribution			
Stakeholders	Silver economy stakeholders, both private and public sectors		
Impact for the project and next steps	The main reaction to Homes4Life presentation was about the implementation of the BAT (best available technologies): "How could you imagine how technology in 2040 will be?" UNIVPM answered that the important thing was to allow houses to be ready to implement them. In the final discussion the other speakers and people from the public agreed with our position that implementing AFH should be a key public policy based on three elements: the relevant stakeholders, appropriate tools and policy frameworks, appropriate incentives for the needs and concerns of the stakeholders.		
Estimated audience	40	Blog post	http://www.homes4life.eu/2020/02/05/homes4life-in-nice-at-ageingfit/

9.1.23 AGE Platform Task Force Age-Friendly Environments

Date	Location	Event	Action led by
February 2020 (M15)	Brussels, Belgium	AGE Platform Task Force Age-Friendly Environments	AGE
Description	Internal meeting involving AGE experts focused on this topic		
Stakeholders	AGE Platform experts		
Impact for the project and next steps	Internal meeting - No public information		

9.1.24 Premios Life Habitat

Date	Location	Event	Action led by
February 2020 (M15)	Valladolid, Spain	Premios Life Habitat https://www.congresolifehabitat.com/premios/	TECNALIA

Description	Life Habitat Awards 2020 - for the 'Innovative technological solutions for improving the health and well-being of people in buildings and environments'
Contribution	Homes4Life applied to this contest but did not get the award.

9.1.25 Dubai International Award for Best Practices

Date	Location	Event	Action led by
April 2020 (M17)	Dubai, UAE	Dubai International Award for Best Practices	R2M / TECNALIA
Description	Dubai International Best Practices Award for Sustainable Development. In partnership with UN-HABITAT and Dubai Municipality. Recognizing excellence and supporting urban best practices to improve the living environment.		
Contribution	R2M led the completion of the online application to this award (US$1M in prizes to be awarded)		
Stakeholders	Sustainability, Construction, Smart Cities		
Impact for the project and next steps	R2M applied to the contest; the results have not been communicated yet at the time of writing this report.		
Estimated audience	n.a.	Blog post	https://www.dubaiaward.ae/about/

جائزة دبي الدولية لأفضل الممارسات
Dubai International Award For Best Practices

9.1.26 Sasoikotarrak

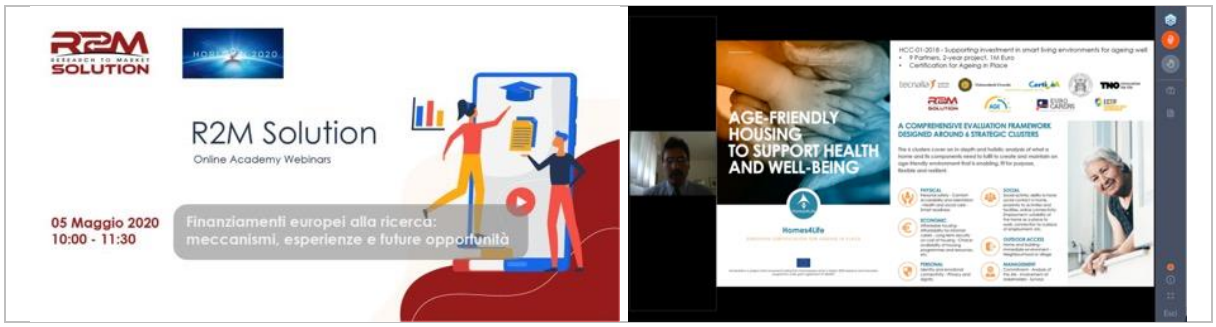
Date	Location	Event	Action led by
16 April 2020 (M17)	Virtual conference	Sasoikotarrak	TECNALIA
Description	SASOIKOTARRAK : Space for the innovative promotion of people's social participation as we age		
Contribution	The Homes4Life coordinator, Silvia Urra Uriarte from TECNALIA, was invited by BBKsasoiko to give a one hour online presentation of Homes4Life in the videoconference SASOIKOTARRAK : Space for the innovative promotion of people's social participation as we age.		
Stakeholders	Construction, representatives of older people and caregivers.		

Impact for the project and next steps	Space for the innovative promotion of people's social participation as we age. Virtual conference held during the COVID lockdown		
Estimated audience	50	Blog post	http://www.homes4life.eu/2020/04/18/sasoikotarrak-space-for-the-innovative-promotion-of-peoples-social-participation-as-we-age/

9.1.27 R2M Solution Online Academy

Date	Location	Event	Action led by
5 May 2020 (M18)	Online Webinar	R2M Solution Online Academy - Webinar on European R&I funding	R2M

Description	Homes4Life partner R2M Solution organised a series of online webinars called 'R2M Online Academy'.		
Contribution	On Tuesday 5th May 2020, Homes4Life was presented within a session focused on how to get involved in Horizon 2020 European collaborative research and innovation projects. The presentation detailed available funding and their mechanisms.		
Stakeholders	Wide range of stakeholders interested by EU funding		
Impact for the project and next steps	Dissemination of Homes4Life objectives and of the Horizon 2020 programme as a whole.		
Estimated audience	80	Blog post	http://www.homes4life.eu/2020/05/06/homes4life-in-a-webinar-on-european-funding-for-research-and-innovation/



9.1.28 The City and Complexity – Life, Design and Commerce in the Built Environment

Date	Location	Event	Action led by
17-19 June 2020 (M19)	Online (initially planned London)	The City and Complexity – Life, Design and Commerce in the Built Environment	TNO
Description	Global conference on the the city and complexity: Urbanism, Architecture, Sustainability, Engineering, Housing, Health, Sociology, Business, Governance, Art, Culture, History.		
Contribution	Homes4Life was presented within the "Healthy Cities" track **Healthy Cities** **Yufang Zhang.** Connections between the quality of built environments, lifestyles and health at neighborhood-level **Gan Yingying.** Fast urbanization and healthcare architecture development in Shenzhen (1979-2014) **Menno Hinkema.** Homes4Life – Integrating a holistic, multi-domain approach to ageing in place in urban strategy and planning **Karen Lok Yi Wong.** Vancouver as an age-friendly city from a social work perspective		
Stakeholders	Scientific and research; architects.		
Impact for the project and next steps	Presentation of the project to the scientific & research community.		
Estimated audience	100	Blog post	http://architecturemps.com/wp-content/uploads/2020/06/CITY-AND-COMPLEXITY_2020-2-1.pdf

9.1.29 ISRAA Presentation

Date	Location	Event	Action led by
17 July 2020 (M20)	Treviso, Italy	Presentation of the project at ISRAA and visit of the pilot site	UNIVPM
Description	ISRAA is working on Residential (850 residents) and home care (1000 clients) services with psychological support focus for olders and informal caregivers		
Contribution	The Homes4Life Certification scheme was presented by Prof. Gian Marco Revel of Università Politecnica delle Marche during an event organized by ISRAA in Treviso.		
Stakeholders	Caregivers. During this occasion the UNIVPM staff visited the pilot site of 'Borgo Mazzini Smart Co-Housing' which is one of the pilot site which tested the Homes4Life Certification Scheme.		
Impact for the project and next steps	Raise awareness about the project objectives for the Treviso pilot site stakeholders		
Estimated audience	15	Blog post	http://www.homes4life.eu/2020/07/22/homes4life-italian-pilot-site-in-treviso/

9.1.30 Affordable housing for seniors conference

Date	Location	Event	Action led by
4-5 Oct. 2020 (M23)	Prague, CZ	Affordable housing for seniors conference	EUROCARERS, UU
Description	Online Czech conference on age friendly housing for seniors		
Contribution	Our partners EUROCARERS – Nadia Kamel – and Utrecht University – Frans Sengers - presented the Homes4Life project at the online Czech conference on age friendly housing for seniors which took place on 11 November 2020.		
Stakeholders	Housing sector & silver economy		
Impact for the project and next steps	Raising awareness about Homes4Life ambition among the Czech silver economy ecosystem.		
Estimated audience	100	Blog post	http://www.homes4life.eu/2020/11/17/eurocarers/

9.1.31 ISG's 12th World Conference of Gerontechnology

Date	Location	Event	Action led by
6-9 October 2020 (M23)	Online	ISG's 12th World Conference of Gerontechnology	UU
Description	Originally planned to be held in Trondheim/Norway, the conference was organized as a full online event. Homes4Life participated in a session on "Housing and Daily Activities" with a pre-recorded video presentation by Frans Sengers and Alexander Peine (Utrecht University) entitled "Charting the Innovation landscape for Age-friendly housing in Europe".		
Contribution	Frans and Alexander elaborated upon the diversity of Age-friendly home pilots and experiments across Europe — which they charted as part of the Homes4Life Innovation Analysis — and identified a number of challenges and opportunities for the Homes4Life certification scheme.		
Stakeholders	Gerontechnology; silver economy		
Impact for the project and next steps	The session brought about interesting discussions about housing, technology and ageing in place, capturing various levels of analysis, such as neighbourhoods, homes, furniture, social alarm systems and the internet of things. It further underlined that Homes4Life is a vital part in an exciting global landscape exploring the intersection of digital technologies, places and ageing, and how it comes to shape our lives as we grow older.		
Estimated audience	100	Blog post	http://www.homes4life.eu/2020/12/04/homes4life-at-the-12th-world-conference-of-gerontechnology/

9.1.32 18th European Week of Regions and Cities

Date	Location	Event	Action led by
6th October 2020 (M23)	Online (Brussels)	18th European Week of Regions and Cities	AGE, TECNALIA
Description	AGE organised a workshop on 6th October during the European Week of Regions and Cities. In 2020, the EWRC was held as an on-line event spread over three weeks.		
Contribution	The workshop co-organised with Tecnalia addressed age-friendly housing. Different actors were invited to talk about funding schemes, tools or local initiatives supporting inclusive housing.		
Stakeholders	Local authorities, municipalities		
Impact for the project and next steps	Promotion of some of the pilot sites who are among the first to test the Homes4Life Certification Scheme (Presentations from Dr Jan P. Cieśla, Ciaran O'Brien, and Sergio Murillo Corzo)		
Estimated audience	120	Blog post	http://www.homes4life.eu/2020/10/07/cities-and-regions-building-homes-for-life/

9.1.33 CNAV Journée d'études URV

Date	Location	Event	Action led by
19th October 2020 (M23)	Paris, France	Journée d'étude URV Cnav	AGE
Description	CNAV – the French National Pension Fund (Caisse Nationale d'Assurance Vieillesse) - event on ageing.		
Contribution	Our partner AGE Platform Europe presented the Homes4Life Certification Scheme at the event.		
Stakeholders	Many stakeholders working in the field of housing and ageing were present.		
Impact for the project and next steps	Promotion of Homes4Life certification scheme with French stakeholders.		

Estimated audience	45	Blog post	http://www.homes4life.eu/2020/10/25/french-cnav-event-dynamiques-residentielles-a-la-retraite/

9.1.34 Sustainable Places

Date	Location	Event	Action led by
28-30 October 2020 (M23)	Online (initially planned Aix-les-Bains)	Sustainable Places 2020	R2M
Description	Sustainable Housing Supporting Health and Well-Being" Workshop at Sustainable Places 2020 International Conference.		
Contribution	On 30th of October, Homes4Life met with several sister-projects to discuss innovation solutions and approaches to support health and well-being in living environments. Participating projects: Homes4Life (H2020), TeNDER (H2020), SHAFE (Thematic Network), Hands-on-SHAFE (Erasmus+), NET4AGE-FRIENDLY (COST Action), AGE'IN (Interreg 2 seas), PHArA-ON (H2020), SmartWork (H2020)		
Stakeholders	R&I stakeholders in the field of Construction and Ageing.		
Impact for the project and next steps	The workshop permitted to share progress and intermediate outcomes with related research projects also working on age-friendly living environments. A scientific publication was released with the main conclusions from the workshop: it is published in the SP20 MDPI Proceedings (see Section 9.2).		
Estimated audience	50	Blog post	http://www.homes4life.eu/2020/11/30/sustainable-housing-supporting-health-and-well-being-workshop-at-sp20/

9.1.35 Habitat-envejecimiento-salud Asturias

Date	Location	Event	Action led by
28 October 2020 (M23)	Online	Viviendas colaborativas para personas que envejecen.	TECNALIA
Description	Homes4Life project was invited to participate in the virtual event "Viviendas colaborativas para personas que envejecen. Hogares para toda la vida, viviendas colaborativas, cohousing", organized by the Government of the Region of Asturias, in Spain, the municipality of Ponga (Asturias, Spain) and the Alliance of Foundations for the Development of Territories.		
Contribution	This virtual event was organized inside the II State Meeting of Collaborative Spaces, Encuentros en Ponga. Meetings in Ponga (Encuentros en Ponga) are an open space for debate on people's habitat and its impact on ways of living, taking into account the demographic challenge, especially that arising from the aging of the population. Our partner TECNALIA- Silvia Urra- presented the project at this event.		
Stakeholders	Spanish housing stakeholders.		
Impact for the project and next steps	Promotion of the H4L Certification Scheme among Spanish stakeholders.		
Estimated audience	25	Blog post	http://www.homes4life.eu/2020/11/30/homes4life-at-the-event-viviendas-colaborativas-para-personas-que-envejecen-hogares-para-toda-la-vida-viviendas-colaborativas-cohousing/

9.1.36 Ecomondo Key Energy

Date	Location	Event	Action led by
6 Nov 2020 (M24)	Online	Ecomondo Key Energy	UNIVPM
Description	Key Energy is an international exhibition and conference showcasing technologies, services and integrated solutions that promote and accelerate the transition towards a carbon-neutral economy – the main aim of the Green Deal, the strategic plan for sustainable growth launched by the European Union		
Contribution	Prof. Gian Marco Revel from Università Politecnica delle Marche chaired a session at EcoMondo Key Energy in which the Homes4Life project and its certification scheme were presented.		
Stakeholders	Italian housing and sustainability stakeholders.		
Impact for the project and next steps	Promotion of the H4L Certification Scheme among Italian stakeholders. The director of ISRAA, Giorgio Pavan, also further explained and promoted the experience of the Homes4Life pilots in Treviso.		
Estimated audience	75	Blog post	http://www.homes4life.eu/2020/11/12/homes4life-at-ecomondo-key-energy/

9.1.37 EuskalHiria Congress Ageing and Inclusiveness

Date	Location	Event	Action led by
23-24 Nov 2020 (M24)	Online	EuskalHiria Congress Ageing and Inclusiveness	AGE
Description	Homes4Life was invited to talk about mobility at the EuskalHiria Congress Ageing and Inclusiveness. Living and ageing in place are facilitated by how well you can reach the services you need; health or social services, leisure activities, public spaces, supermarkets, social participation … If we want older people to remain as long as they wish in their homes and communities, we have to make sure their housing is also adequate.		
Contribution	Our Homes4life colleague Nhu Tram talked about Mobility as it is also a matter of housing choice, to be able to decide where you want to live.		
Stakeholders	EU / Spanish housing stakeholders		
Impact for the project and next steps	Promotion of the H4L Vision and Certification Scheme among Spanish housing stakeholders.		
Estimated audience	40	Blog post	http://www.homes4life.eu/2020/11/30/homes4life-invited-to-talk-about-mobility-at-the-euskalhiria-congress-ageing-and-inclusiveness/

9.1.38 SilverEco Award

Date	Location	Event	Action led by
26 Nov 2020 (M24)	Online	SilverEco Award	R2M
Description	Silver Economy and Ageing Well Awards aim to bring together all Silver Economy stakeholders on the occasion of a 2 days forum/exhibition, awards ceremony, experts' panel exchanges, networking...		
Contribution	Our partner R2M Solution – Régis Decorme – made a pitch of the Homes4Life project in front of the SilverEco award jury.		
Stakeholders	French Silver Economy		
Impact for the project and next steps	Our project was nominated within the housing category of the contest ! After the short presentation, interesting questions from the jury were raised regarding the typology of buildings addressed by the Homes4life certification, how the certification scheme builds on existing national certifications, and how will be shaped the post-project exploitation model. Homes4Life is proud to be a finalist in the category "Habitat / Domicile" of the SilverEco 2020 Award competition !		

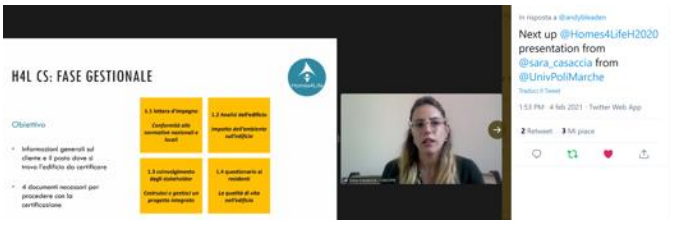
Estimated audience	15 (pitch) / 150 (ceremony)	Blog post	http://www.homes4life.eu/2020/11/30/homes4life-pitch-at-silvereco-award/ http://www.homes4life.eu/2020/12/21/homes4life-finalist-of-the-silvereco-2020-award/

9.1.39 Homes4Life Final Conference

The final conference of the Homes4Life project gathered 100 attendees on 28th January 2021. It is further described in **Deliverable D5.6**.

9.1.40 Treviso Ecosystem

Date	Location	Event	Action led by
February 2021 (m27)	Online	Treviso Ecosystem	UNIVPM
Description	On Thursday 4 February 2021 from 12.00 to 14.00 ISRAA and ECHAlliance will present the second event of the "Treviso Health & Social Care Innovation Ecosystem". In an era of great economic and social changes, the housing stock available in Italy and the welfare models of services are struggling to keep up with the new demographic trends. Together with a panel of national and European experts with		

	international experience, we will see which models and strategies are to cope with emerging needs through innovative system solutions.		
Contribution	Gian Marco Revel and Sara Casaccia presented the Homes4Life Certification Scheme in the section related to the Best Practices talking also about the pilot site on Treviso.		
Stakeholders	Co-housing services		
Impact for the project and next steps	Co-housing stakeholders can know the certification of H4L		
Estimated audience	60 people	Blog post	

9.1.41 SmartBuilt4EU webinar

Date	Location	Event	Action led by
25 February 2021 (m27)	Online	SmartBuilt4EU webinar	TECNALIA
Description	The SmartBuilt4EU CSA organised an event where EU-funded projects related to smart buildings came to pitch their objectives and results.		
Contribution	The project coordinator – Silvia Urra – made a pitch of the project.		
Stakeholders	Smart Buildings R&I stakeholders		
Impact for the project and next steps	Homes4life will be featured in the SmartBuilt4EU brochure of smart buildings projects to be released in March 2021		
Estimated audience	50		

9.2 Articles & publications

9.2.1 Conceptualizing « Home » in the built environment initiatives

Name of the article		Action led by
Conceptualizing « Home » in the built environment initiatives		TECNALIA, TNO
Description	EIP ON AHA Group D4 of the EIP-AHA – This initiative was started by Carina Dantas (Innovation Director in Cáritas Coimbra | Vice-President European Covenant Demographic Change | Coordinator SHAFE) and Chariklia Tziraki (Successful Aging working group, member of the subgroup: community based interventions at Ministry of Health).	
Status	Homes4Life provided an abstract and since then work on the article is ongoing. A publication is expected in 2020.	
Blog post	Not available yet.	

9.2.2 AIOTI Recommendations for IoT for Smart Living Environments

Name of the article		Action led by
AIOTI Recommendations for IoT for Smart Living Environments		UU
Description	Alliance for Internet of Things Innovation AIOTI WG05 (Smart Living Environments for Ageing Well) published its Recommendations for healthy ageing solutions in a paper entitled "IoT for Smart Living Environments". Alex Peine (UU) is a co-author of the White Paper; This recommendation paper entitled "*IoT for Smart Living Environments*" is built around these 2 strategic objectives, addressing the 3 following challenges, each of them discussed in the 3 main chapters of this report: • Building a sustainable ecosystem for SLE for Ageing Well, around the technological and stakeholders' requirements • Driving Acceptance through market structuration, in increasing the acceptance of innovative IoT-based solutions for smart living environments for ageing well while impelling user needs and expanding the innovation coverage in the ageing well domain • Demonstrating the IoT impact in ageing well, through architectures responding to stakeholders expectations, including proper security and privacy, implemented through different use cases.	
Impact for the project	Homes4Life is explicitly featured in the White Paper. This publication helps raising awareness about the project in the IoT community and among the AIOTI membership.	
Status	Published	

Blog post	http://www.homes4life.eu/2019/06/20/aioti-publication-on-iot-for-smart-living-environments/

9.2.3 The "Age-friendly Lens"

Name of the article		Action led by
Book entitled "The Age-Friendly Lens"		TNO,TECNALIA, AGE
Description	The Age-Friendly Lens is an edited volume intended to bring together academics, policy designers and industry experts to advance understandings of how age-friendly ecosystems are constituted at the macro and micro levels. Authors introduce unique perspectives, document systems level initiatives and advance local case studies on the development and implementation of different age-friendly domains. By identifying and responding to the various manifestations of ageism, authors contemplate the context and content of a brighter age-integrated future. Homes4Life was invited to contribute a chapter of the book. Chapter 20 – "*Establishing a Standards and Certification Regime for Ageing in Place in the EU*". Abstract sent by Silvia Urra (TECNALIA). Contact: Christie Gardiner LLB(Hons) GDLP LLM - Lecturer, Australian National University, Canberra | Lawyer, Supreme Court of the Australian Capital	
Status	Draft completion of manuscripts on 15 December 2019 and final manuscripts until 15 March 2020. To be published mid-2020.	
Blog post	Not available yet.	

9.2.4 Adherencia, Cronicidad & Pacientes

Name of the article		Action led by
Homes4Life: environments adapted to increase the quality of life		TECNALIA
Description	Article (in Spanish) on the "Adherencia, Cronicidad & Pacientes" online magazine, written by Laura Chivato Isabel, following an interview of Silvia Urra (TECNALIA) - *Homes4Life: entornos adaptados para aumentar la calidad de vida*	
Status	Published on 22 March 2019	

Blog post	Article available at https://www.adherencia-cronicidad-pacientes.com/cronicidad/homes4life-entornos-adaptados-para-aumentar-la-calidad-de-vida/	

9.2.5 Skipr – Europees label levensloopbestendig wonen in de maak

Name of the article	Action led by
Europees label levensloopbestendig wonen in de maak	TNO
Description	Article (in Dutch) following the interview of Menno Hinkema (TNO) by a Dutch online magazine, Skipr, one of two leading online magazines on management in the health care sector
Status	Published on 14 June 2019
Blog post	Article available at https://www.skipr.nl/actueel/id38788-europees-label-levensloopbestendig-wonen-in-de-maak.html

Skipr NIEUWS BLOGS EVENTS VACATURES | HRM TECH GASTVRIJHEID VASTGOED MEER

Europees label levensloopbestendig wonen in de maak

Samira Ahli
14 juni 2019
1437 keer gelezen
1 reactie

Ouderen zijn niet ziek en afhankelijk, maar actief en zelfstandig en zo wonen ze ook. Dit beeld van senioren wortelt zich in heel Europa maar het botst met de harde realiteit dat verreweg de meest huizen hier niet geschikt voor zijn. "De ontwikkeling van levensloopbestendige

ACTUEEL

Rijnstate krijgt tot 95 miljoen garanties van Waarborgfonds

Europees label levensloopbestendig wonen in de maak

WZA gaat vanaf maandag op de schop

ADVERTENTIE

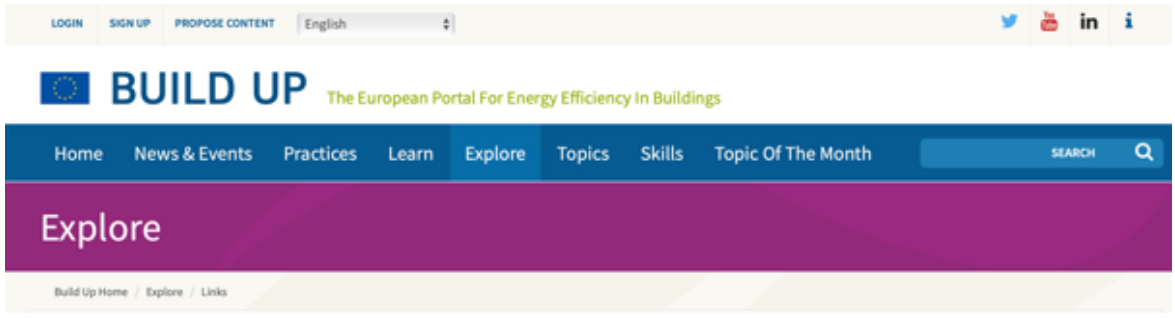
JAARCONGRES ZELFORGANISATIE
WAAR STAAN WE?
WAT LEVERT ZELFORGANISATIE OP?
WANNEER DOE JE HET GOED?

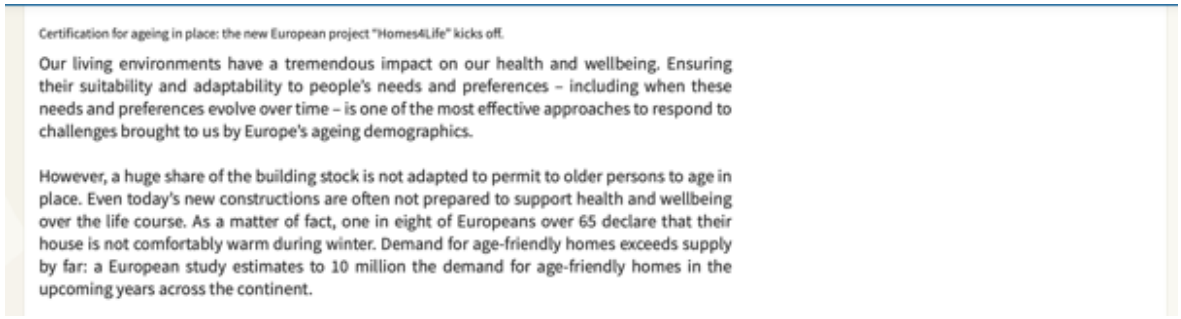
Persoonsgerichte zorg verbetert

9.2.6 BUILDUP article

Name of the article	Action led by

BUILDUP - the European Portal for Energy Efficiency in Buildings - homes4life: European certification for ageing in place	R2M
Description	Article on BUILD UP – the European Portal for Energy Efficiency in Buildings – to raise awareness about the project.
Status	Published on 7th January 2019
Blog post	Article available at https://www.buildup.eu/en/explore/links/homes4life-european-certification-ageing-place





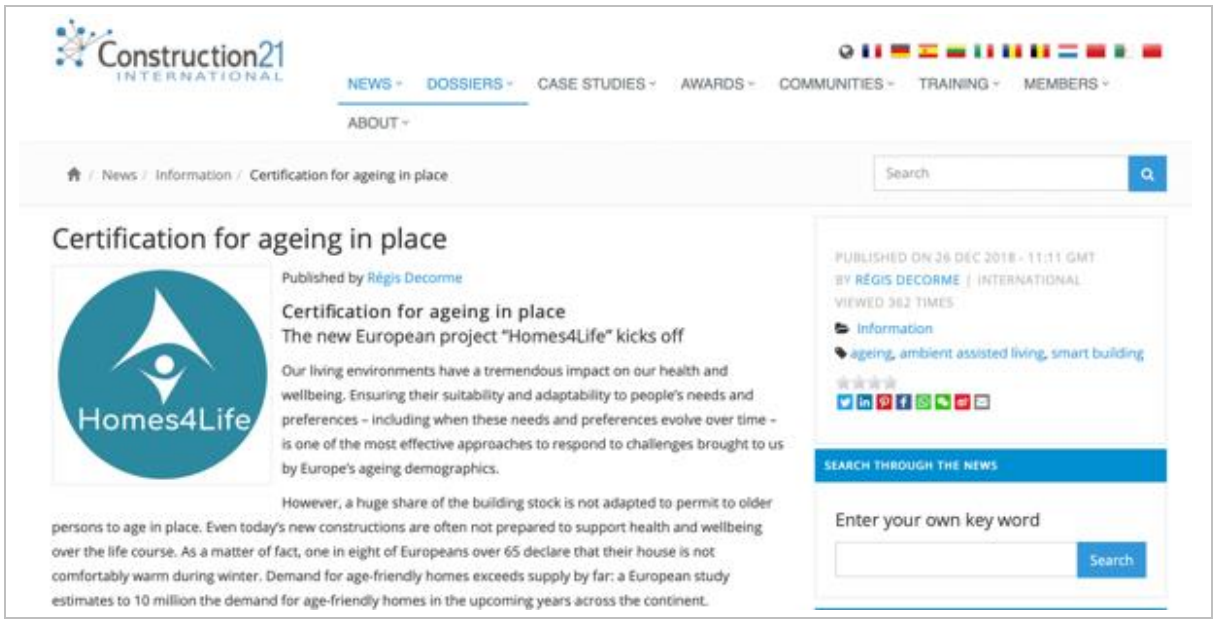
Certification for ageing in place: the new European project "Homes4Life" kicks off.

Our living environments have a tremendous impact on our health and wellbeing. Ensuring their suitability and adaptability to people's needs and preferences – including when these needs and preferences evolve over time – is one of the most effective approaches to respond to challenges brought to us by Europe's ageing demographics.

However, a huge share of the building stock is not adapted to permit to older persons to age in place. Even today's new constructions are often not prepared to support health and wellbeing over the life course. As a matter of fact, one in eight of Europeans over 65 declare that their house is not comfortably warm during winter. Demand for age-friendly homes exceeds supply by far: a European study estimates to 10 million the demand for age-friendly homes in the upcoming years across the continent.

9.2.7 CONSTRUCTION 21 article

Name of the article	Action led by
CONSTRUCTION 21 – Certification for Ageing in Place	R2M
Description	Article on Construction 21 to raise awareness about the project.
Status	Published on 7th January 2019
Blog post	Article available at https://www.buildup.eu/en/explore/links/homes4life-european-certification-ageing-place



9.2.8 The Silver economy

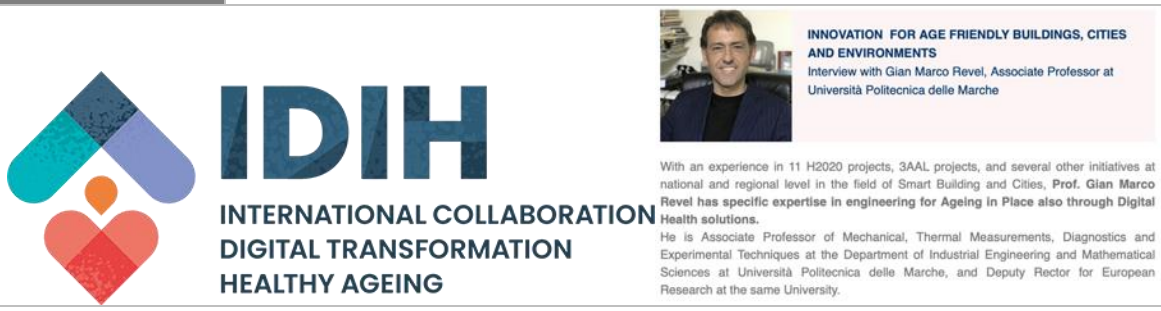
Name of the article	Action led by
The Silver Economy – European Commission	n/a
Description	Overview of the European Commission's Activities in the field of Silver Economy
Status	Published on 9-10 July 2019
Blog post	https://silvereconomyforum.eu/wp-content/uploads/2019/07/Silver-Economy-Brochure.pdf

9.2.9 Intervention on Spanish National Radio

Name of the show	Action led by
Juntos Paso a Paso	TECNALIA

Description	Homes4Life was presented in the Spanish National Radio programme "Juntos Paso a Paso", a radio show focused on active ageing.
Status	Replay webstream (in Spanish) of the show (Homes4Life intervention at 38'): http://mvod.lvlt.rtve.es/resources/TE_OJUPAPA/mp3/4/3/1549696871434.mp3
Link	Website of the radio show: http://www.rtve.es/alacarta/audios/juntos-paso-a-paso/ ;

9.2.10 IDIH newsletter

Name of the article	Action led by
International Digital Health Cooperation for Preventive, Integrated, Independent and Inclusive Living	UNIVPM
Description	Homes4Life was featured in the newsletter of IDIH – the International Digital Health Cooperation for Preventive, Integrated, Independent and Inclusive Living. Our partner Università Politecnica delle Marche – Prof. Gian Marco Revel – is an expert member of IDIH's group focused on Independent and Connected Living. He gave an interview which promotes the Homes4Life age-friendly homes supporting health and well-being.
Status	Published May 2020
Blog post	http://www.homes4life.eu/2020/05/21/international-digital-health-cooperation-for-preventive-integrated-independent-and-inclusive-living/
 	

9.2.11 SP20 workshop MDPI Proceeding publication

Name of the article	Action led by
Sustainable Housing Supporting Health and Well-Being: workshop report from Sustainable Places 2020	R2M

Description	Despite its proven potential for systemic change, large-scale investment (both public and private) in sustainable homes still faces barriers, often caused by insecurity about personal, societal and financial returns on investment and a lack of clarity about concrete elements of sustainable age- friendly living environments and the choice of building, retrofitting and adaptation measures to be implemented. The projects that contributed to the "Sustainable Housing Supporting Health and Well-Being" workshop at Sustainable Places 2020 are developing solutions to tackle these barriers and propose a holistic and integrated approach to progress on implementation.
Status	Published December 2020
Blog post	http://www.homes4life.eu/2020/12/31/sustainable-housing-supporting-health-and-well-being-workshop-report/

proceedings

MDPI

Proceedings

Sustainable Housing Supporting Health and Well-Being †

Régis Decorme [1], Silvia Urra [2], Olatz Nicolas [2], Carina Dantas [3], Annelore Hermann [4], Gustavo Hernández Peñaloza [4], Federico Álvarez García [4], Aline Ollevier [5], M. Charalampos Vassiliou [6] and Willeke van Staalduinen [7,*]

9.2.12 Innovation Pathways for Age-Friendly Homes in Europe

Name of the article	Action led by
Innovation Pathways for Age-Friendly Homes in Europe	UU

Description	This publication co-authored by Utrecht University in the International Journal of Environmental Research and Public Health is highlighting some of the outcomes of the research conducted in Homes4Life. A variety of innovative pilot projects are being implemented to improve the life-course resilience of existing and newly built home environments. We refer to these projects as "socio-technical experiments" that embody different kinds of promising futures and provide direction to current developments in the emerging domain of age-friendly homes. To take stock of this diversity within Europe; this paper provides an overview of 53 ongoing socio-technical experiments that are being conducted in the Netherlands, France, Ireland and Poland. We find that, besides the variation between European countries, there is a more important type variation in terms of the character of the experiments themselves and the differences in development direction that they propose. Our findings suggest that most of the innovations tested in these experiments are not primarily material or technical but primarily social or conceptual in

	character (i.e., new organizational modes or everyday practices that re-arrange social relations or new housing concepts that bridge the divide between ageing in place individually and a nursing home). This variety of innovations tested in the experiments can be categorized into seven distinct innovation pathways: (1) Showcasing Technology, (2) Innovation Ecosystem, (3) Sheltered Elite, (4) Specific Community, (5) Conscious Retrofitting, (6) Home Sharing and (7) Retrovation Challenge.
Status	Published January 2021
Blog post	http://www.homes4life.eu/2021/02/01/innovation-pathways-for-age-friendly-homes-in-europe/

International Journal of *Environmental Research and Public Health*

MDPI

Article

Innovation Pathways for Age-Friendly Homes in Europe

Frans Sengers [1,*] and Alexander Peine [2]

9.2.13 Assessment of domestic well-being: from perception to measurement

Name of the article	Action led by
Assessment of domestic well-being: from perception to measurement	UNIVPM

Description	*Authors: Sara Casaccia, Gian Marco Revel, Gloria Cosoli, Lorenzo Scalise* Measurement processes that include instrumentation, sensors and AI strategy applied to heterogeneous and complex dataset can play a pivotal role in the development of effective age friendly housing (AFH) models. Accurate AFH models can provide remote monitoring capabilities and furnish objective elements for decision making, offering a proper supportive background to the whole healthcare system. The inclusion of such metrological aspects in the certification schemes would raise the interest of a wider group of stakeholders, promoting the development of suitable strategies to increase the dwellers' quality of life (QoL), especially when they are ageing people (frail or in particular social conditions – e.g. COVID-19 pandemic emergency). A smart living environment (SLE) properly designed can provide a reliable measurement of the inhabitants' well-being (measured including physical, mental, and social spheres, evaluated by merging the subject's feelings, perception, and performed activities), but at the same time it is fundamental to complement its quantification with the measurement uncertainty. Many factors interact to define the uncertainty value, but among the most critical we can surely count the sensors accuracy, the AI algorithms performance and the intra-/inter-subject variabilities. With respect to the traditional assessment of well-being, often performed through periodic surveys, AI is able to provide an assessment from a wider and more pervasive perspective, combining data from multiple spheres

	(including personal, physical, social, and health quantities) and fine-tuning the algorithms through the training with big data. In order to have a comprehensive view of what can be the future of SLEs and AFH, it is necessary to consider the trends in terms of socioeconomics, demography, technology, and environment, so as to adopt adequate measures to reach more sustainable societies in a 20-year period. The creation of SLEs should be regulated by policies allowing the accessibility to the whole population, both in urban and rural areas, with different cultures or socioeconomic status, considering that the needs vary with the population peculiarities and the influence of factors like health, culture, income, and education level across all ages. Therefore, a user-centred approach should be adopted when developing new solutions for AFH. No citizens should feel alone because of ageing and AFH could improve health and well-being, support flexible working, create new jobs, and support the shift to homecare. The digitalization of vital signs and monitoring data useful to depict a person's global health status would be particularly useful for ageing people living at home. This would contribute to reduce the burden on the healthcare system itself as well as care delivery costs, which are the main items of the public spending. Public incentives are surely fundamental to push towards a significative change in this field; also incentives for the energy renovation of existing buildings (not only single dwellings, but also apartment blocks and also entire neighbourhoods, for a more complete plan of renovation and innovation) would be very important to further accelerate the process of significant innovation targets to be reached within 20 years. In fact, also environmental sustainability should be deemed, given that according to the European Construction Technology Platform (ECPT) 97% of buildings are energy inefficient and they are responsible for 40% of energy consumption (corresponding to 36% greenhouse gas emissions). At present, according to the WHO, 20% of European people live in buildings not sufficiently protected against excessive heat during summer, while 13% report a not comfortably warm hosing during winter. On the other hand, the increase in life expectancy brings the need for policies promoting longer working lives, as well as more flexible working arrangements and new employment models. This involves also houses equipped with Information and Communication Technologies (ICT) solutions respecting the regulatory, technical, and functional constraints for the installation of devices within living environments, implementing dwelling modelling (Building Information Modelling, BIM). This provides a better delivery of quality home care services for ageing people, helping them to feel secure, socially connected, and always supported in terms of health and care services, in a SLE that results to be adequate at level of sensors, spaces organization, equipment, and environmental quality, hence improving the inhabitants' well-being.
Status	Accepted for publication February 2021

9.2.14 Additional articles

Additional articles were published by project partners, in particular in conjunction with the project Kick-off and around the stakeholders' workshop organised in June 2019, but also around Homes4Life participation in events.

Examples of articles published in relation with the Homes4Life KO press release		
	EIP AHA	https://ec.europa.eu/eip/ageing/news/certification-ageing-place-new-european-project-%E2%80%9Chomes4life%E2%80%9D-kicks_en
	Digital Single Market	https://ec.europa.eu/digital-single-market/en/news/certification-ageing-place-new-european-project-homes4life-kicks
	Progressive	https://progressivestandards.org/certification-for-ageing-in-place-new-european-project-homes4life-kicks-off/
	CyberMED News	https://www.cybermednews.eu/index.php/it/news-by-the-eu/214-news-from-the-eu/68726-new-european-project-homes4life-kicked-off-to-develop-certification-for-age-friendly-homes
	EU Health Policy platform	https://webgate.ec.europa.eu/hpf/item/item/14094 (needs to be logged into the EC portal)
	Covenant on Demographic change	https://www.agefriendlyeurope.org/news/certification-ageing-place-new-european-project-%E2%80%9Chomes4life%E2%80%9D-kicks
	Age Platform Europe	https://www.age-platform.eu/policy-work/news/certification-ageing-place-new-european-project-%E2%80%9Chomes4life%E2%80%9D-kicks
	Eurocarers	https://eurocarers.org/portfolio-item/homes4life/

Example of articles published in relation with the June Stakeholders workshop (see D2.2)		
	Assembly of European Regions	https://aer.eu/interested-to-learn-more-about-active-and-healthy-ageing-register-to-the-homes4life-project-workshop/
	Europa Nu	https://www.europa-nu.nl/id/vkybbjub7tl1/agenda/discover_and_contribute_to_the?ctx=vg9pj7ufwbwe&s0e=vifdl6zl7txx
	EU Monitor	https://www.eumonitor.eu/9353000/1/j9vvik7m1c3gyxp/vkybbjub7tl1?ctx=vg9pj7ufwbwe&tab=2&start_tab0=20&n=4
	AGE Platform	https://www.age-platform.eu/policy-work/news/homes-must-fit-our-lives-help-us-design-adequate-certification

	Eurocarers	https://eurocarers.org/homes4life-stakeholder-workshop/

Example of articles related to participation in events, advisory board participation, etc.		
	ESPON	https://www.espon.eu/ewrc2019-healthy-ageing
	Caritas Coimbra	https://en.caritascoimbra.pt/2019/noticias/caritas-coimbra-integrates-the-advisory-board-of-the-european-project-homes4life-certification-for-ageing-in-place/

Example of articles published in relation with the Homes4Life final event (see D5.6)		
	Eurocarers	https://eurocarers.org/homes4life-final-conference-you-can-watch-it-here-if-you-missed-it/
	European Commission	https://ec.europa.eu/digital-single-market/en/news/h2020-homes4life-final-conference
	ECTP	http://www.ectp.org/news-events-newsletters/events/event-detail/homes4life-certification-for-ageing-in-place-final-conference-28-january-2021-online/
	AGE Platform	https://www.age-platform.eu/policy-work/news/age-friendly-housing-homes4life-presents-new-eu-certification-scheme

9.2.15 Newsletters

Homes4Life key events (KO press release, June stakeholders' workshop, Homes4Life final event, etc.) have been advertised in a large number of newsletters. A few examples are shown in the table below.

Health-EU newsletter	eHealth, Wellbeing & Ageing newsletter	Réseau Francophone des Villes Amies des Aînés	ECTP newsletter

9.2.16 Referencing by project partners

Homes4Life partners have referenced the Homes4Life project on a relevant page of their organisation website when available.

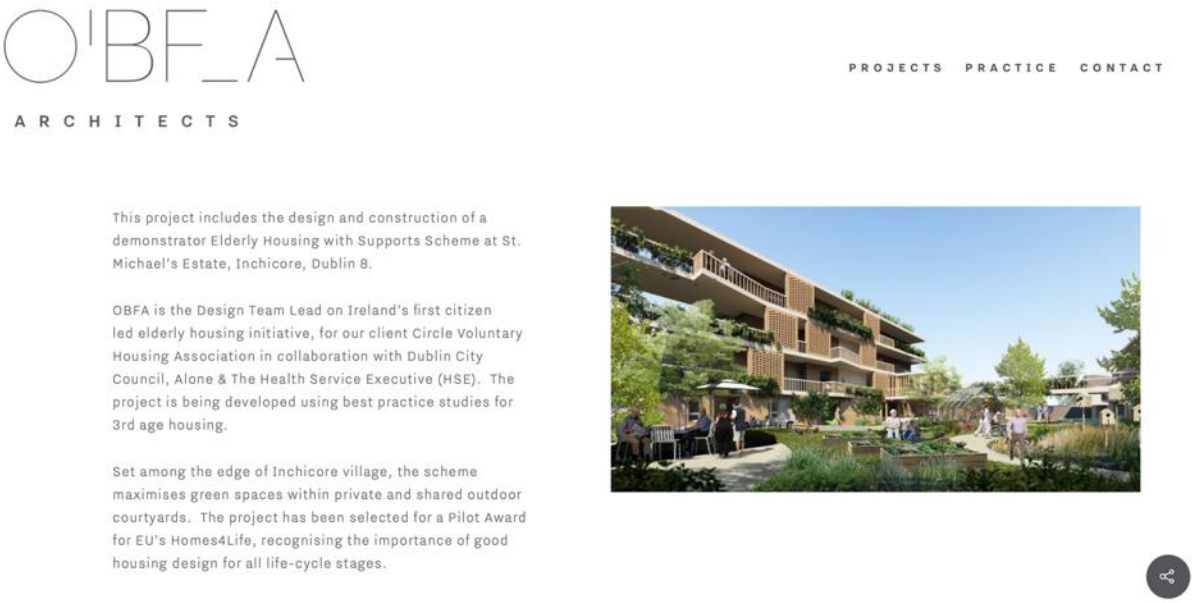
	UNIVPM	https://www.univpm.it/Entra/Horizon_2020_-_Progetti
	R2M	http://www.r2msolution.com/research-projects/
	AGE	https://www.age-platform.eu/project/homes4life
	ECTP	http://www.ectp.org/projects/projects-involving-ectp/
	EUROCARERS	https://eurocarers.org/portfolio-item/homes4life/

9.2.17 Promotion around Homes4Life pilot awards

The Homes4Life Pilot sites received their pilot award during the final conference on 28th January 2021. Many of them started to promote this through their communication channels, for instance through their website or through a press release. A few examples are provided below, and more communication is still going on at the time of writing this report.

Promotion by City of Nice / CCAS of their Homes4Life pilot award on the City of Nice website. A French press release was published and has generated several articles in press media:

- L'avenir Côte d'Azur : https://avenir-cotedazur.net/collectivites_82809716-le-pole-intergenerationnel-de-nice-meridia-recompense-a-l-echelle-europeenne ;
- Les petites Affiches : https://www.petitesaffiches.fr/social,105/le-pole-intergenerationnel-de-nice,20967.html



Reference to the Homes4Life award obtained by the Dublin pilot site , on the OBFA architect website : https://obfa.ie/projects/inchicore-elderly-housing/

9.3 Homes4Life Website

The Homes4Life website is available at www.homes4life.eu and is further described in Deliverable D5.4. Figure 3 and Figure 4 present site stats over the duration of the project.

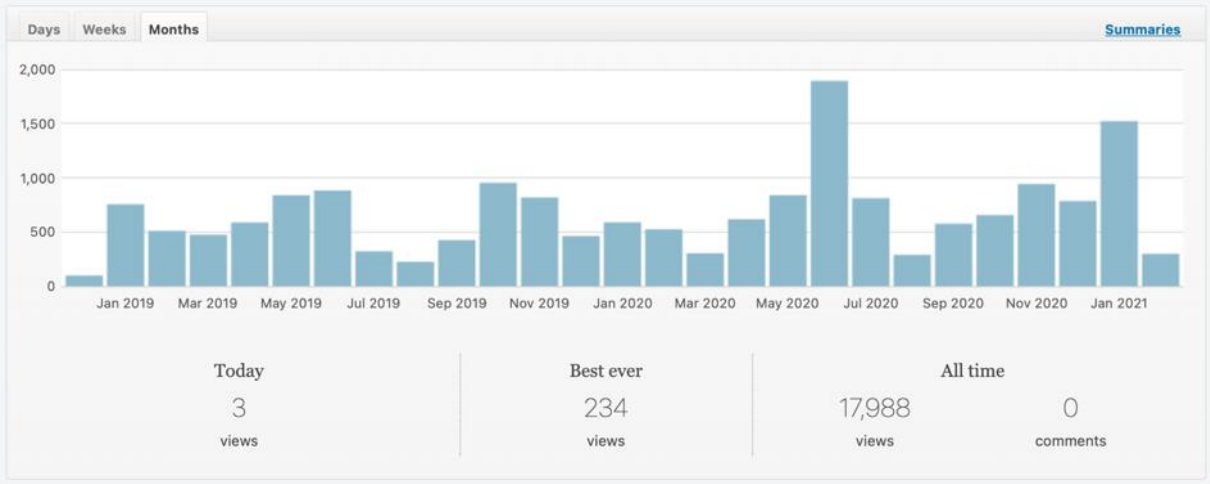


FIGURE 3 - HOMES4LIFE WEBSITE STATISTICS, AS OF 6TH FEBRUARY 2021

Top Posts for all days ending 2021-02-06 (Summarized)

7 Days | 30 Days | Quarter | Year | **All time**

All Time

Title	Views
Home	6,295
About	1,835
Deliverables	1,495
Partners	1,436
Community of Interest	1,265
Blog	1,261
Webinar 30 June 2020 | Age-friendly housing in the context of the COVID-19 crisis	667
Contact	423
Homes4Life Final Conference – 28 January – Save the Date !	202
Homes4Life Final Conference | Updated programme !	189
Age-friendly housing in the context of the COVID-19 crisis | Webinar report	177

FIGURE 4 - HOMES4LIFE PAGE STATISTICS

More than 120 blog posts were published over the 27 months of the project. They can be found at: http://www.homes4life.eu/blog/

9.4 Social media

The Homes4Life Twitter account @Homes4LifeH2020 has been regularly updated with more than three hundred tweets over the duration of the project.

FIGURE 5 - HOMES4LIFE TWITTER STATISTICS, AS OF 6TH FEBRUARY 2021

In addition to that, Homes4Life project partners have been very active through their own organisations' accounts (LinkedIn, Twitter and Facebook) to promote the project and its key events. A few Examples are provided below.

TECNALIA Twitter	TECNALIA LinkedIn	TECNALIA Facebook
R2M Twitter	R2M LinkedIn	AGE Platform Twitter
Eurocarers Twitter	Certivea Twitter	ECTP Twitter

9.5 Community of Interest

The Homes4Life Community of Interest (CoI) allows interested stakeholders to receive updates about our project progress (recently released public reports, etc.); be invited to workshops or events organised by Homes4Life partners; and receive opportunities to contribute to the Homes4Life certification scheme development (call for comments, pilot testing phase, etc.). Registration to the CoI is available on the Homes4Life website at: http://www.homes4life.eu/community-of-interest/. As of February 2021, the community gathers more than 190 members. Members of the CoI had the possibility to contribute to the project and bring external expertise. This has been the case for instance during:

- the 1st stakeholder workshop organised in Brussels in June 2019 (see Deliverable 5.1)
- 3 webinars organised between June and November 2020 (see Deliverable 5.7)
    - http://www.homes4life.eu/2020/07/07/age-friendly-housing-in-the-context-of-the-covid-19-crisis-webinar-report/
    - http://www.homes4life.eu/2020/07/03/webinar-9-july-2020-homes4life-a-certification-scheme-for-auditing-an-age-friendly-environment/
    - https://eurocarers.org/homes4life-certification-scheme-webinar-recording-available/
- an open consultation on the taxonomy & KPIs between December 2020 and February 2021
- the final conference in January 2021 (see Deliverable 5.9)

The community of Interest and its involvement throughout the project are further described in **Deliverable D5.7.**

9.6 Promotional video

The first Homes4Life promotional video provides a short overview of the project, presents key messages from the Homes4Life Vision, and introduces the future Homes4Life certification scheme. While the second promotional video will be used to support the post-project exploitation of the Homes4Life outcomes, in particular promoting the certification scheme, in order to attract future potential buyers of the Homes4Life certification scheme.

Both videos are further described in **Deliverable D5.9**.

9.7 Miscellaneous

9.7.1 Commitment to the EIP AHA D4 action group

Date	What	Action led by
24/01/2019 (M2)	Submission of a commitment to the EIP AHA D4 action group	TECNALIA, TNO, AGE
Description	Commitment published at: https://ec.europa.eu/eip/ageing/commitments-tracker/d4/homes4life-certified-smart-and-integrated-living-environments-ageing-well-0_en	

10 D&C Performance (KPIs)

The table below provides indicators to assess D&C performance over the duration of the project (December 2018 to February 2021). All targets which were set at the beginning of the project when establishing the D&C plan have been met or exceeded, with the exception of the KPIs related to Social Media (Twitter) and the CoI, which are under at the time of writing this report.

KPI	Stage 1. Target M1-M12	Stage 2. Target M13-M22	Stage 3. Target M23-M24	Cumulative target	Achieved (M1-M27)
Public website | www.homes4life.eu (see Deliverable D5.4)					
N° of visits	1000	1000		2000	Over 17k
N° of downloads		>500 for key deliverables		>500	Over 1,5k access to 'Deliverable' page
Social media | Homes4Life Twitter feed - https://twitter.com/Homes4LifeH2020					
N° of followers	200	800		1000	Over 240
Dissemination network | Community of Interest (see Deliverable 5.1)					
CoI members	150	600		>750	Over 190
Promo videos (see Deliverable 5.5)					
N°	1	1		2	2
N° of views		>800		>800	Over 600 views for Video 1
Publications in professional magazines					
N° publications	4	4		8	Over 8 (see Section 9.2)
Publications in general media					
N° publications	2	2		4	Over 4 (see Section 9.2)
Events (Active participation in conferences, exhibitions, posters)					
N° of events	9	9		18	Over 40
N° of attendees	500	1500		2000	Estimated over 3000
Final project promotion event (see Deliverable 5.6)					
Final event		1		1	1