

Coffee

10:30 - 10:38 Main stage	Opening by moderator Natasja VAN DEN BERG who introduces Froukje DE JONGE , alderman of Almere
10:38 - 10:40 Short video	Video message by Diederik SAMSOM , Bureau Chief green deal of the European Commission, about the importance of innovative, eco-based housing for realizing the climate ambitions
10:40 - 10:43 Short video	Short video on the project in Baden-Württemberg, Germany
10.43 - 11:15 Keynote 1	"The Urgency of Innovation" by Jan ROTMANS (NL), Prof. Transition Studies and Sustainability (Erasmus University Rotterdam)
11:15 - 11:25 Short Q&A	Presenter - Jan ROTMANS , followed by short video on the project in Belgium/Flemish Brabant
11:25 - 12:05 Keynote 2	The RESULTS of the Housing 4.0 Energy Project and the presentation of the Guidebook by Ivar DIEKERHOF , project manager WBA and How this is aligned with the Green Deal by Eva CLYMANS , Interreg NWE
12:05 - 12:08 Short video	Short video on project results in Ireland
12:08 - 12:40 Keynote 3	"The Challenges of Scaling up Innovation for a circular and biobased-building industry" by Joke DUFOURMONT (BE), architect and Programme Developer Circular Economy at Amsterdam Institute for Advanced Metropolitan Solutions (AMS Institute)
12:40 - 12:45 Short Q&A	Presenter - Joke DUFOURMONT , followed by lunch break until 13:45

Lunch and live music

13:45 - 14:05 Short video / Onstage discussion	Short video on project results in Almere, Netherlands, followed by a discussion onstage with founders of WikiHouse Almere				
14:05 - 14:15	Preview of the H4.0E Digital Platform by Alastair PARVIN , Open Systems Lab				
14:15 - 15:00	Ambassadors debate: "What are the major lessons learned with the pilots and what needs to be done with it?" Ambassadors: Chris TRONISECK (BE), Marion JAMMET (IGBC, IE), Nathan VAN DEN BOSSCHE (Universiteit Gent, BE)				
15:00 - 17:00 Breakout sessions and	Session 1 Low Carbon First Fabric Approach	Session 2 SWC Training modules	Session 3 Pilot Vlaams Brabant	Session 4 Pilot Germany	15:00 - 16:45 EXCURSION Trip by bus to WikiHouse Almere (max. 30 people)
17:00 - 18:00	Drinks & Music in Conference Hall				

Coffee

9:30 - 9:45 Main stage	Wrap up of day one: Keynote speaker and representatives of four H4.0E pilots. Short video impressions of the first day
9:45 - 10:10 Presentation	Presentation of the H4.0E Digital Platform by Alastair PARVIN , Open Systems Lab
10.10 - 10:30 Keynote 4	"Healthy building without compromise: How to go on now and innovate the building industry?" by Florian THOMA , Thoma Holz100
10:30 - 11:00	"From pilots to a new building industry: The obstacles that prevent upscaling and how to remove them" by Rob HAANS (NL), Chairman of the Board of Housing Association De Alliantie, and involved with De Bouwcampus (network organisation) that aims to drive the transition

Coffee Break

11:20 - 12:00 Debate	Debate How to Scale-up and Innovate in the Building Industry. With: Florian THOMA (AU), Kristof DE JAEGER (BE), Marnix NORDER (NL), Shahid TALIB (Heijmans), Jeanet VAN ANTWERPEN (NL)
12:05 - 12:45 Keynote 5	Duncan STEWART (IE), architect and TV-presenter, together with Alexandra HAMILTON (IE), Chair of Association Irish Energy Agencies, share their vision on and experiences with changes that are urgently needed in the construction sector and government attitude to it.

Lunch and live music, with time to get to break-out sessions (takes about 10 mins max)

13:30 - 15:30 Breakout sessions	Session 1 Pilot Ireland	Session 2 SWC Training modules	Session 3 Pilot Vlaams Brabant	Session 4 Pilot Germany	13.15 - 15.00 EXCURSION Trip by bus to WikiHouse Almere <i>(max. 30 people)</i>
	Session 5 Low Carbon First Fabric Approach	Session 6 Business Model by TU Delft			
15:30	Drinks & Music in Conference Hall				

Both on Monday afternoon from 15.00 – 17.00 hours and on Tuesday afternoon from 13.30 – 15.30 hours there are eight workshops and an excursion in which you can participate. The workshops last one hour or two hours. The program of the workshops is the same on both days, so you can choose when you go to which workshop. Pre registration is not necessary, just be on time at the location of the workshop.

WORKSHOP TOWARDS A LOWER CARBON FOOTPRINT IN RESIDENTIAL CONSTRUCTION

Aeres lokaal 402 Monday 15.00 – 16.00 / Tuesday 14.30 – 15.30

By **Ralf KAMPE** / 3 Counties Energy Agency (3CEA), Ireland

The Irish partner 3 Counties Energy Agency (3CEA) has explored the possibilities of reducing the carbon component in building materials and emissions from construction, so that the carbon footprint can also be reduced in the building process and the construction itself. In this workshop, the pilot partners show how they did this and what the results are.

WORKSHOP HOW TO DEAL WITH A RISK-AVERSE GOVERNMENT

Aeres lokaal 402 - Monday 16.00 – 17.00 / Tuesday 13.30 – 14.30

By **Alexandra Hamilton** / 3 Counties Energy Agency (3CEA), Ireland

This workshop will address the original goals of the pilot in Ireland and the institutional barriers, as well as how they have been dealt with. There are useful lessons to be learned for the application of these innovative sustainable building concepts.

Workshop Learning by doing in three Training Modules

Aeres Collegezaal 306 - Monday 15.00 – 16.00 / Tuesday 13.30 – 14.30

By **Barry MCCARRON a.o** / South West College, United Kingdom

South West College (SWC), with continuing education and higher education degree programmes, is a driver for innovation in sustainable development and renewable technologies. In the context of H4.0 E, SWC has developed three learning programs to make home construction more sustainable. In an interactive way, they show in this workshop how the learning programs are structured and what the possibilities are.

WORKSHOP FEASIBILITY AND MARKET POTENTIAL OF H4.0E HOMES

Aeres Collegezaal 306 - Monday 16.00 – 17.00 / Tuesday 14.30 – 15.30

By **Cynthia SOUAID** / TU Delft, Netherlands

How energy efficient are the H4.0E homes? How much CO² do they store? And what should we take into account when scaling up? Cynthia Souaid from TU Delft explains

WORKSHOP A PARADIGM SHIFT IN THE CONSTRUCTION AND HOUSING SECTOR (2 hour session)

Aeres lokaal 403 Monday 15.00 – 17.00 / Foodforum Zaal Vis Tuesday 13.30 – 15.30

By **Nathan VAN DEN BOSSCHE**, Affordable Housing Coach, and **Chris Troniseck**, Ghent University, Belgium

The experiences and lessons learned with participation of, residents in, regulation for and affordability of modular, wooden, sustainable, circular houses. Be inspired by the award-winning student demonstration project The Mobble, a circular building and living concept that was put into practice by Inhout.

WORKSHOP HEALTHY BUILDING WITHOUT COMPROMISES (2 hour session)

Aeres lokaal 404 - Monday 15.00 – 17.00 / FoodForum Zaal De Paddenstoel Tuesday 13.30 – 15.30

By **Florian THOMA** / Thoma Holz, Austria

The basis of the assignment, approach and results of the German test site in Baden-Württemberg. With attention to the possibilities of modular system construction with reproducible components, maximum design freedom and a high degree of prefabrication ex-factory; the self-sufficient building service concept through, among other things, a tailor-made and innovative building service system for solar-powered houses; and the circular economy, because the building can be completely dismantled at the end of its life cycle and rebuilt in a different form in a different location.

EXCURSION BY BUS WIKIHOUSE, ALMERE

Monday 15.00 – 16.45 / Tuesday 13.30 – 15.15 - MAX 50 persons each day

WikiHouse is an open source, affordable, durable and digitally produced timber frame building kit that allows you to design and build your own home. At De Stripmaker in Almere Buiten – with 27 WikiHouses the largest Wiki neighborhood in the world – WikiHouse self-builders are happy to show their home with pride!

