



NEWTREND

NEW INTEGRATED METHODOLOGY AND TOOLS FOR RETROFIT
DESIGN TOWARDS A NEXT GENERATION OF ENERGY
EFFICIENT AND SUSTAINABLE BUILDINGS AND DISTRICTS
GA NO. 680474

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DISSEMINATION ACTIVITY REPORT – YEAR 2

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PROJECT TITLE:	NEW integrated methodology and Tools for Retrofit design towards a next generation of ENergy efficient and sustainable buildings and Districts
PROJECT NUMBER:	680474
CALL THEME:	EeB-05-2015: Innovative design tools for refurbishing of buildings at district level
PROJECT COORDINATOR:	01. IES – Integrated Environmental Solutions Limited – United Kingdom
PARTICIPATING PARTNERS:	01. IES – Integrated Environmental Solutions Limited – United Kingdom 02. ABUD – ABUD Mernokiroda KFT – Hungary 03. JER – Uli Jakob – Germany 04. iiSBE IT R&D – International Initiative for a Sustainable Built Environment Italia Research and Development srl – Italy 05. REGENERA – Regenera Levante SL – Spain 06. GO – Granlund Oy – Finland 07. UCC – University College Cork, National University of Ireland, Cork – Ireland 08. NUID UCD – University College Dublin, National University of Ireland, Dublin – Ireland 09. MUAS – Hochschule fur angewandte Wissenschaften Munchen – Germany 10. LBS – London Business School – United Kingdom 11. STAM – Stam srl – Italy 12. Sant Cugat – Ajuntamento de Sant Cugat del Valles – Spain 13. UNIVPM – Università Politecnica delle Marche – Italy
FUNDING SCHEME:	Innovation Action
CONTRACT START DATE:	September 1, 2015
DURATION:	36 Months
PROJECT WEBSITE ADDRESS:	www.NewTREND-project.eu

DELIVERABLE D7.5: SHORT DESCRIPTION

The Dissemination Activity Report – Year 2 provides the members of the consortium with details of progress towards the fulfilment of the project's Dissemination Plan

Keywords: workshop, social media; booklet, LAT, communication channels; networking; events.

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3.0				
4.0				

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ABBREVIATIONS AND ACRONYMS

ACRONYM	DEFINITION
EeB	Energy-efficient buildings
GA	Grant Agreement
LAT	Local advisory team
NewTREND	NEW integrated methodology and Tools for Retrofit design towards a next generation of ENergy efficient and sustainable buildings and Districts
WP	Work Package

1. EXECUTIVE SUMMARY

The Dissemination Activity Report – Year 2 aims to provide a detailed report on dissemination activities that have been undertaken during the second year of NewTREND project. The seeks to improve the energy efficiency of the existing European building stock and to improve the current renovation rate by developing a new participatory integrated design methodology targeted to the energy retrofit of buildings and neighbourhoods, establishing energy performance as a key component of refurbishments. Dissemination activities for the NewTREND project have been conducted in accordance with the project's Dissemination Plan (Deliverable 7.3 – available on-line¹).

The overall goal of NewTREND communication strategy is to identify and disseminate messages that are consistent, relevant and realistic. In the Dissemination plan is underlined how important it is that each project partner uses the same messages and wordings for communication purposes, might it be press releases and media relations activities, websites, project leaflets and brochures, events, conferences or lobbying activities.

¹ http://newtrend-project.eu/wp-content/uploads/2015/11/NewTREND_WP7_D7.3_DisseminationPlan_AM04_V5.0.pdf

2. DISSEMINATION ACTIVITIES – YEAR 2

The project's Dissemination Plan (Deliverable 7.3) was produced as planned and submitted as an internal deliverable to the NewTREND project partners at first, and then made public. This document outlines all of the planned dissemination activities for the project over its three-year duration. In the following, a summary of what has been done during the second year of NewTREND project can be found. Deliverable 7.4 - Dissemination activity report Year 1 - (due after the first twelve months of the project) is already public².

2.1. NEWSLETTER

Every 6 months the project plan to distribute a digital newsletter summarizing the main achievements during the period and will address the most relevant activities for the next periods. A mailing list was created thanks to the help and support of all the partner that shared with the consortium a list of relevant stakeholders and potentially interested companies from their network. The first and second newsletters of NewTREND projects were published and sent to NewTREND mailing list (the first one in December 2016 and the second one in June 2017) These digital newsletters aim to keep the public up to date and to share with theme what is being done and how the project is progressing.

They can be downloaded here:

- **NewTREND newsletter, winter 2016** <http://us12.campaign-archive1.com/?u=6be912acae72aa7b3c525ef9f&id=e50a4359b2&e=31beefdd44>
- **NewTREND newsletter, summer 2017:** <http://mailchi.mp/78a6080fa6bc/updates-from-the-newtrend-project-summer-2017>

² http://newtrend-project.eu/wp-content/uploads/2015/11/NewTREND_WP7_D7.4_Dissemination-activity-report_Year1_V2.0.pdf)

Periodic updates on the NewTREND project

[View this email in your browser](#)

You are receiving this newsletter because you subscribed on the site, are involved with the project, or because we believe that you might be interested in our updates. We apologize if we sent this in error. You can [remove your address from our mailing list](#) and we will not contact you again.

NewTREND newsletter, winter 2016

Updates on the project progress

- [Welcome to NewTREND!](#)
- [Glasgow Kickoff](#)
- [Kickstart Workshop in Turin](#)
- [Budapest 6M Meeting and Demo Site Visit](#)
- [Technical Meeting at Munich University of Applied Sciences](#)
- [District Renewal Workshop, Sustainable Places 2016](#)

FIGURE 1 NEWTREND NEWSLETTER, WINTER 2016

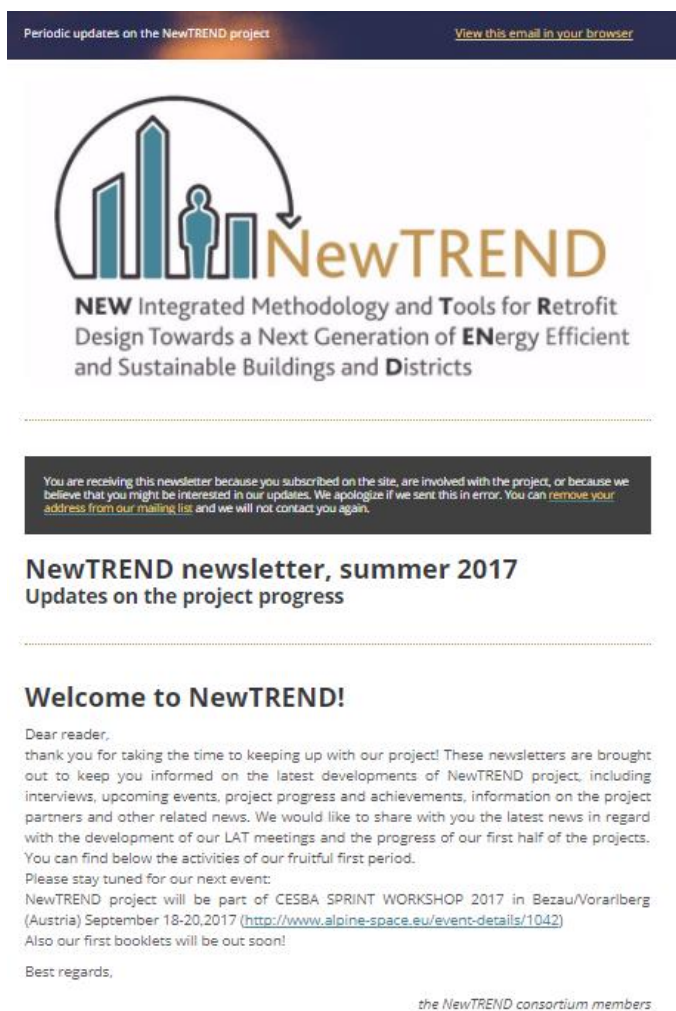


FIGURE 2 NEWTREND NEWSLETTER, SUMMER 2017

2.2. WEBSITE

The NewTREND project website <http://newtrend-project.eu> was launched on 29th November 2015 (as scheduled in the DoW). The most important project results are being published there, and displayed in a clear and understandable format. Information about all partners and their role in NewTREND is included, together with in-depth information about the general objectives, work packages and developments.

The website includes a section for news updates, displaying up-to-date information about meetings, workshops, events and publications. All posts are easy to share on social networks by readers, and are published on the social network accounts of the NewTREND project. The homepage includes both a contact form and a newsletter subscription module, to ensure the widest possible dissemination of the project results.

The main website features are described in D7.2 Project Website; the website will continue to be developed and updated throughout the duration of the project.

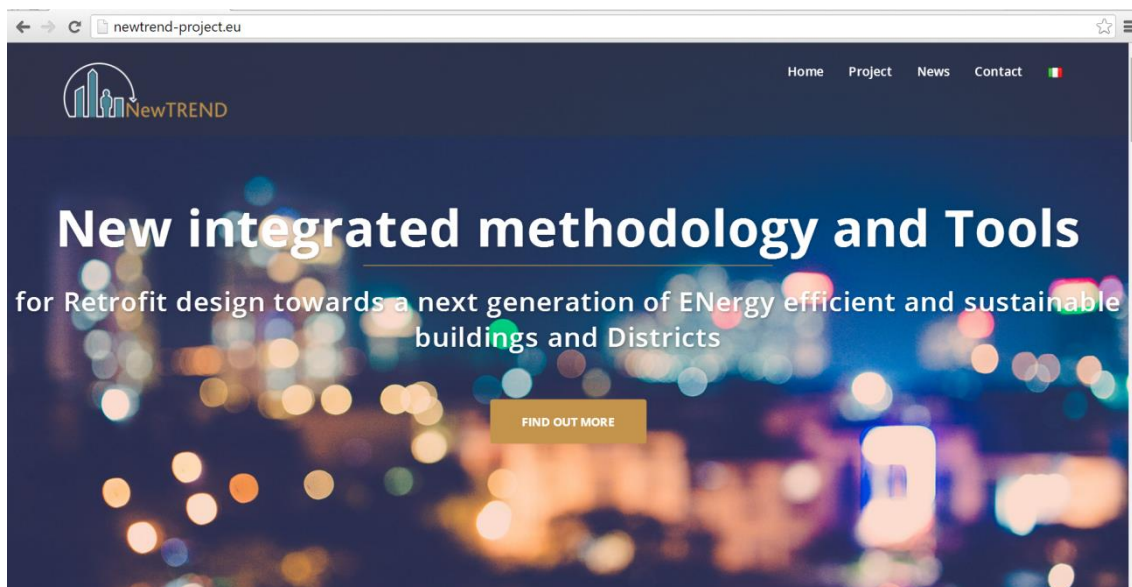


FIGURE 3 NEWTREND HOMEPAGE

Below are reported some statistics regarding the website activities and visits:

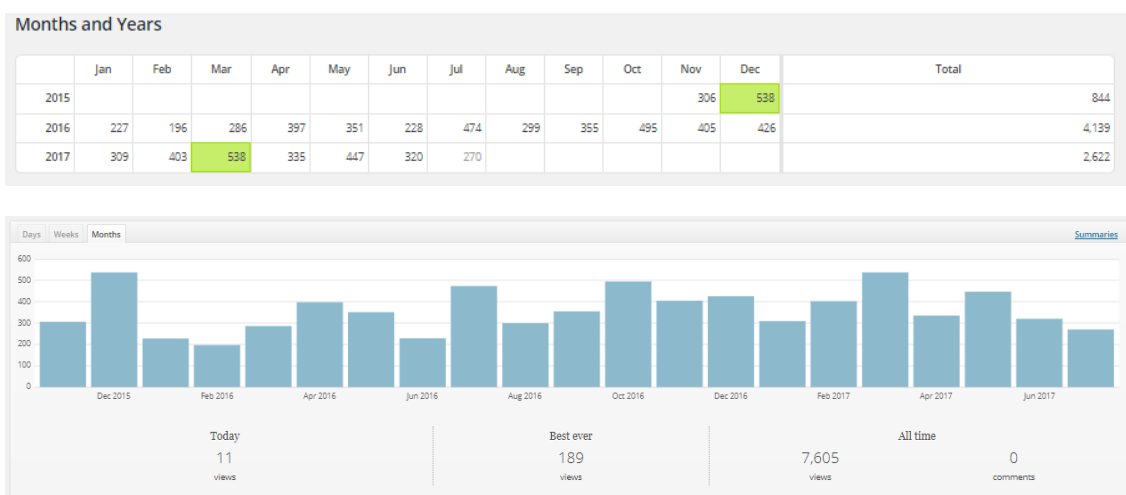


FIGURE 4 WEBSITE STATISTICS

On the website can be found in-depth news, summary and pictures regarding project meetings, Local Advisory Team meetings, workshops and conferences attended and to be attended by partners.

The news are automatically shared on the social media of the project (see 2.4)

Category: News



NEWTREND 4TH GENERAL ASSEMBLY MEETING, 22-23 MARCH 2017

Posted on May 23, 2017
Gabi Barbagelata

The project partners met in Sant Cugat on the 22nd and 23rd of March for the NewTREND 4th General Assembly. The entire first day and half of the second was devoted to a review of the WP progress, while on the afternoon of the second day, the town mayor, the Sant Cugat



NEWTREND 1ST LAT MEETING 4 NOVEMBER 2016, MUNICH

Posted on May 11, 2017
Gabi Barbagelata

On the 4th of November, it was held in Munich, the first meeting of the NewTREND Local Advisory Team (LAT). The meeting was kindly hosted by MUAS. Paul Mittermeier started the meeting with welcoming the participants, which included Architects, Urban Planners, Policy Makers, Energy and



NEWTREND 1ST LAT MEETING - 6 OCTOBER 2016, KONDOR BÉLA COMMUNITY CENTRE

Posted on April 7, 2017
Gabi Barbagelata

On October the 6th 2016, it was held at Kondor Béla Community Centre, the first meeting of NewTREND Local advisory team. The meeting was kindly hosted by ASUD. Ida Kna presented the agenda of the LAT Meeting and explained the main concept of NewTREND through the words of Ida



NEWTREND 1ST LAT MEETING - 10 OCTOBER 2016, TURIN

Posted on February 9, 2017
Gabi Barbagelata

On the 10th of October, it was held at Environment Park Turin, the first meeting of NewTREND Local advisory team. The meeting was kindly hosted by eSSE. The meeting opened with a broad discussion on integrated design. In particular, the first part of the discussion was about the



NEWTREND 1ST LAT MEETING - 5 OCTOBER 2016, SEINÄJOKI

Posted on January 30, 2017
Gabi Barbagelata

On the 5th of October, it was held in Seinäjoki, the first meeting of NewTREND Local advisory team. The meeting was kindly hosted by Gratiand Oy. The meeting was a joint LAT meeting and community channel and included participants from 6 companies



NEWTREND 1ST LAT MEETING - 20 OCTOBER 2016, SANT CUGAT

Posted on March 2, 2017
Gabi Barbagelata

On the 20th of October, it was held in Sant Cugat, the first Spanish meeting of NewTREND Local advisory team. The people attending the meeting were engaged with the main goals of NewTREND project, most of them had experience in retrofitting, some of them from the world of energy of cities



DISTRICT RENEWAL WORKSHOP, 29 JULY AT SUSTAINABLE PLACES 2016

Posted on August 27, 2016
admin

On the 29th of July, the NewTREND team participated to a workshop co-organised with Opictima and ECOO5 (R&D projects). The District Renewal Workshop first introduced the overall approach of the projects (with Nick Fushouse, IES presenting NewTREND), to then move towards two roundtables: one on data integration and interoperability, where Walter O'Grady (RUCI) presented the



MUNICH TECHNICAL MEETING, 18-19 MAY

Posted on July 22, 2016
admin

On the 18th and 19th of May, part of NewTREND consortium met in Munich for a Technical Meeting. The purpose of the meeting was to analyse technical details of NewTREND Methodology and tool development and to discuss the interactions between Methodology and Technical Work packages (1, 4). The meeting was kindly hosted by Munich University (LMU).



NEWTREND GENERAL ASSEMBLY 28 - 29 SEPTEMBER 2016, HELSINKI

Posted on December 18, 2016
admin

On the 28th and 29th of September, NewTREND consortium met in Helsinki for the General Assembly. The meeting was kindly hosted by Gratiand, in their offices located at Malminkatu. Following the coordinator's idea, on Day 1 there were short WP presentations to start the day.



BUDAPEST 6M

FIGURE 5 SOME NEWS PUBLISHED ON THE WEBSITE

2.3. FACTSHEET

The factsheets are two/four A4 page pdf files, focused on key NewTREND latest achievements.

The first one was published on [...] and was a general one presenting the partners and objectives of the project.

The second factsheet has more specific contents:

- one part addresses the “Integrated Retrofit Design Methodology (T2.6)” developed within the project as well as the Key Performance Indicators defined to assess the performance of a building from different points of view (Economy, Society, and Environment) and at different levels (Building Level and District Level);
- another part is about the “Technology Library implementation (T4.2)” the self-standing tool developed within the project to allow different stakeholders to investigate and select the most appropriate retrofitting solutions;
- the central part of the factsheet is dedicated to the Pilot Demonstration Projects, with an in-depth description of the demo sites and of the retrofitting projects that are being carried out and validated.

Contents include text files, images, diagrams and tables.



Integrated Retrofit Design Methodology

The objective of the integrated retrofit design methodology (IDM) is to guide all involved stakeholders in the value chain of neighbourhood retrofitting projects in finding the most effective energy retrofitting solutions in neighbourhood retrofitting projects with regard to energy and cost efficiency and their overall sustainability performance. IDM is intended to support the involved stakeholders throughout the project life cycle from the early initiation and concept phases to the implementation and post occupancy phase of the project in a structured and systematic manner that considers the required communication and participation mechanisms between all involved stakeholders. NewTREND IDM organizes the retrofitting project based on a novel approach that divides the retrofitting project into 10 phases:

1. Initiation phase: determining the project scope and mode
2. Preparation phase: collection of relevant data at building and neighbourhood level
3. Diagnosis phase: analyzing the neighbourhood status quo
4. Strategic definition phase: setting the project targets
5. Concept phase: Developing retrofitting concepts
6. Decision making phase: choosing a retrofitting concept to be implemented
7. Design development and tendering phase: developing the working drawing and construction doc
8. Construction phase: realising the project
9. Handover and close-out phase: handing over the project to the end user
10. In-use phase: monitoring and improving the realised project performance

Three mode approach

Retrofitting existing buildings and neighbourhoods pose a far greater challenge in terms of data acquisition, the granularity of the acquired data and its accuracy, than its installation. To overcome this challenge, NewTREND offers its users the possibility to operate in three different modes of operation namely, Basic, Advanced and Premium. The main difference between the three modes lies in the nature of the data and on the level at which the data is collected.

NewTREND KPIs

NewTREND Key Performance Indicators are a set of metrics designed to help decision makers to assess the current status of the neighbourhood at single building level, evaluating the impact of various retrofitting solutions on the overall sustainability performance.

NewTREND Technology Library

The NewTREND technology Library includes all the information related to available RETROFIT TECHNOLOGIES at building and district level.

The Library features **filtering functionalities** to allow then user to select the most appropriate solution based on:

- Project Budget: total budget available for the intervention
- Type of Building: through a drop-down list the building type can be selected
- Gross floor area of the building, in m²
- Climate Area
- Information regarding the required power of the system
- Covered: Scale of application, whether it is building or district
- State of Application, on a 1-5 scale
- Category of interventions

Find out your most suitable technology

For your building and district retrofitting project

1. GET INSPIRATION

and broken down further into 239 specific classifications depending on size and applications for use

2. See successful case studies

3. Analysis of New Technologies

4. Technology Library

5. Agile Development

6. Next Iteration

7. No

8. Yes

9. Next Iteration

10. No

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FIGURE 6 SECOND FACTSHEET

2.4. SOCIAL NETWORKS

Social network accounts have been updated for NewTREND on Facebook, Twitter and LinkedIn. They are connected both to the website (2.2) and to the technology library.

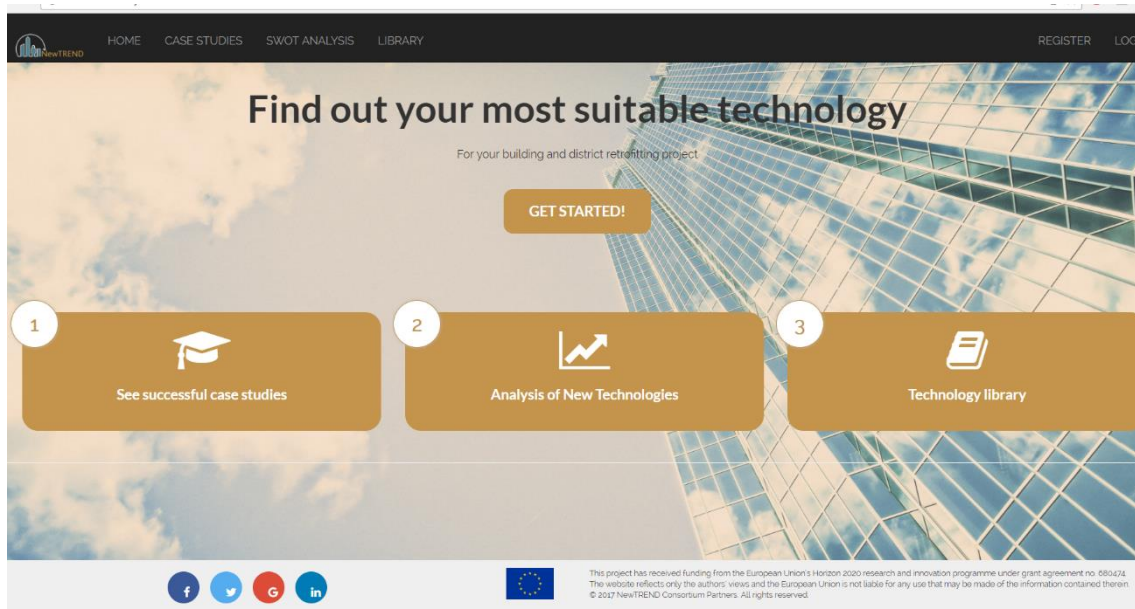


FIGURE 7 TECHNOLOGY LIBRARY SOCIAL BUTTONS

The link to all the latest news regarding the project were published and shared. Especially on Twitter there was a significant growth in followers. Below is reported the comparison regarding Year 1 and Year 2.

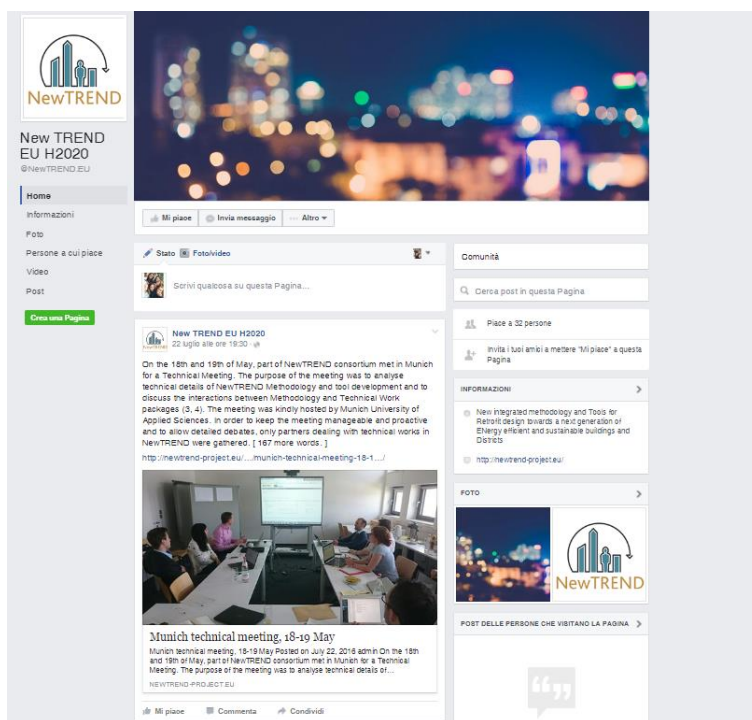


FIGURE 8 NEWTREND FACEBOOK PAGE IN THE FIRST YEAR OF THE PROJECT



FIGURE 9 NEWTREND FACEBOOK PAGE IN THE SECOND YEAR OF THE PROJECT



FIGURE 10 NEWTREND TWITTER PAGE SITUATION IN THE FIRST YEAR OF THE PROJECT



FIGURE 11 NEWTREND TWITTER PAGE SITUATION IN THE SECOND YEAR OF THE PROJECT

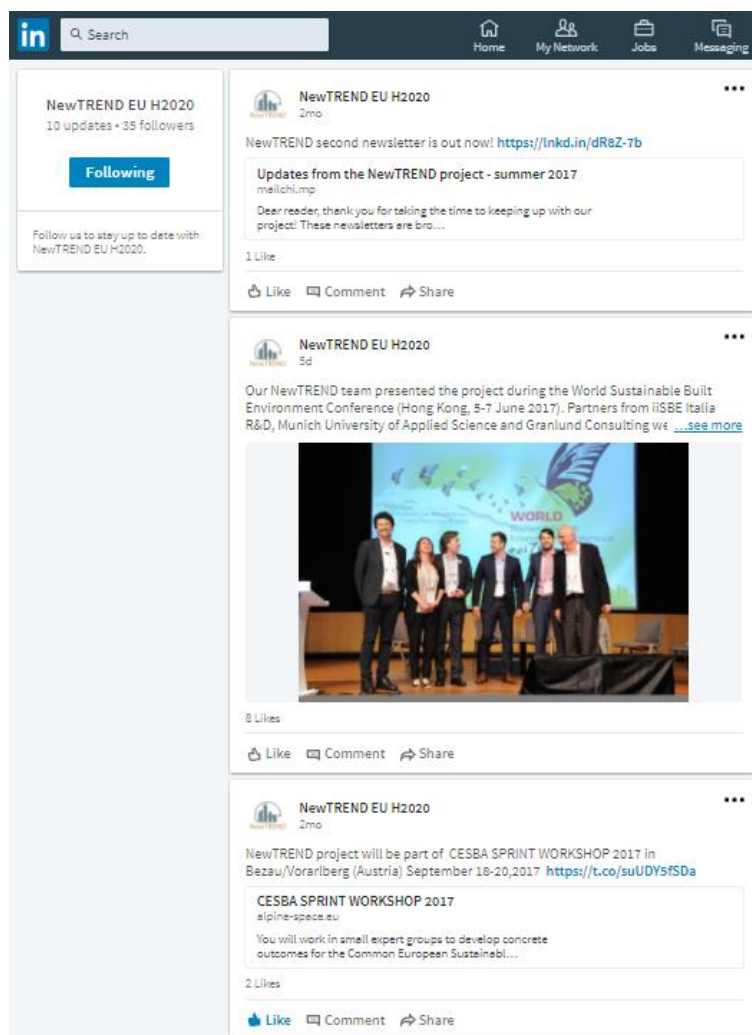


FIGURE 12 NEWTREND LINKEDIN PAGE

Those accounts are kept alive and updated on a frequent base with all the most important information regarding NewTREND project.

2.5. BOOKLETS

The booklets are the mean of the consortium to sum up all the main NewTREND results in unique, synthetic documents, divided by topic. WP and task leaders contribute to booklets summarizing key results after WP/task end.

The contents of the booklet should be as "easy to read" as possible to ensure widespread reading.

It consists in a text document produced by the group of involved partners which includes:

- Index of contents
- Introduction
- Contents (organized in chapters/paragraphs), including images diagrams, tables. etc.

The length of each booklet ranges between 30 to 60 Word pages (about 2000 characters each page, blank included). Below there is the updated situation; as shown, the first three booklets are ready to be published.

n.	Booklet title	WP/Task/D eliv.	Partners	Deadline for final lay out
1	Value chain & design process in an IDP framework	T1.1 T1.2 T6.2	UCC STAM UCC	
2	Integrated retrofit design methodology	D2.6	MUAS	
3	Retrofit technologies	T4.1 T4.2	JER STAM	
4	Standards, ratings and sustainability design for retrofit projects	T5.4	ABUD iiSBE IT	7/10/2017
5	Pilot projects	T6.1 T6.2 T6.3 T6.5	ABUD UCC UCD	7/5/2018
6	Workshop & LAT results		STAM - iiSBE IT	7/7/2018
7	Final results		iiSBE IT	7/8/2018

TABLE 1 TIMELINE OF BOOKLETS' PUBLICATION

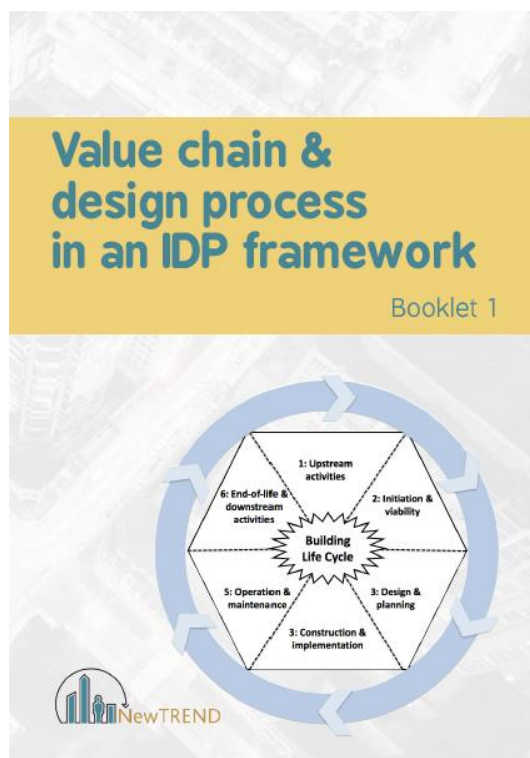


FIGURE 13 BOOKLET 1 FRONTCOVER

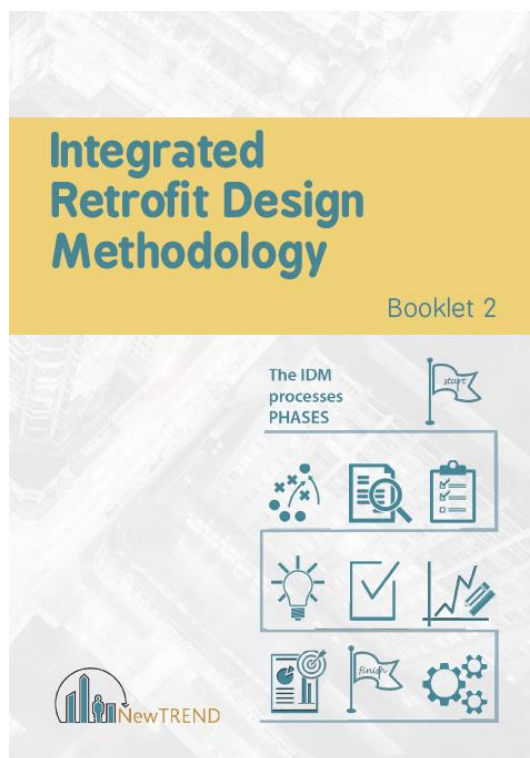


FIGURE 14 BOOKLET 2 FRONTCOVER



FIGURE 15 BOOKLET 3 FRONTCOVER

2.6. LAT MEETINGS

The main strategy for NewTREND communication was to involve since the beginning the stakeholders in the project through Local Advisory Teams (LATs).

A Local Advisory Team was established in most of the countries represented in the consortium and it will be active also beyond the project lifetime to exchange, disseminate and secure developments in this thematic field. In the countries where pilot projects are located (Germany, Spain, Hungary, Finland), the Local Advisory Team includes the design team and relevant stakeholders of the pilot project. The key stakeholders are and will be reached through existing networks and direct contacts within the different LATs meetings. The LATs are considered an important multiplier and act as an aggregation system.

The first LAT meetings were held in Munich, Kondor Béla, Turin, Sant Cugat and Seinajoki in the Autumn of 2016.

2.6.1. MUNICH

On the 4th of November, it was held in Munich, the first German meeting of NewTREND LAT, hosted by MUAS.

The participants introduced themselves; after this a presentation regarding the agenda and the workshop objectives was held. Ahmed Khoja presented NewTREND project scope and objectives, followed by a presentation of NewTREND methodological framework. After an open discussion took place and from this came out a great number of useful advice that will help to increase the value of NewTREND platform.



FIGURE 16 FIRST LAT MEETING IN MUNICH

2.6.2. KONDOR BÉLA

On the 6th of October, it was held at Kondor Béla Community Centre, the first Hungarian meeting of NewTREND LAT, kindly hosted by ABUD. Ida Kiss presented the agenda of the LAT Meeting and explained the main concept of NewTrend through the goals of the project. A summary of the new integrated methodology was given, the main objects of NewTREND were explained so as the participatory design approach and energy related aspects from the early design, the demonstration activities. The outputs were positive, underlining the importance of comfort issue in retrofitting projects, that it is often neglected. The consideration of comfort can be an innovative side of NewTREND.



FIGURE 17 FIRST LAT MEETING IN KONDOR BÉLA

2.6.3. TURIN

On the 10th of October, it was held at Environment Park, the first Italian LAT meeting, kindly hosted by iisBE. The meeting opened with a broad discussion on integrated design. The LAT members have

different backgrounds and roles, and thus were able to offer a wide variety of opinions, experiences and lessons learnt. The proposed NewTREND Technology Library was positively commented, in particular when it presents new and innovative technologies which are not commonplace and on which it is difficult to gather a full informative package. For these technologies, it is especially relevant to document lessons learnt and valuable use cases, to facilitate their applications in other projects.



FIGURE 18 FIRST LAT MEETING IN TURIN

2.6.4. SANT CUGAT

On the 20th of October, it was held in Sant Cugat, the first Spanish meeting of NewTREND Local advisory team. The people attending the meeting were engaged with the main goals of NewTrend project; most of them had experience in retrofitting, some of them from the point of view of public administration and others from the user and design process side. All of them agreed on the need for cities to engage private sector on the retrofitting process in order to achieve the expected goals in terms of energy consumption reduction. All the participant were willing to be part of the LAT team along the whole duration of the project.

2.6.5. SEINAJOKI

On the 5th of October, it was held in Seinäjoki, the first Finnish meeting of NewTREND LAT, hosted by Granlund Oy. The meeting was a joint LAT meeting and community charrette and included participants from 6 companies including Granlund Oy, Granlund Consulting Oy, Seinäjoki City, Dental clinic Seinäjoki city, Musical college and Institute of Adult Education. The main focus of the community charrette was to discuss the successes and failures of the building and to discuss the potential for occupant involvement in the upcoming design project. During the course of the meeting the LAT members were asked to provide their individual opinions and experiences with regard to retrofitting and the current performance of the building.

The second LAT meetings are being held during the summer of 2017.

2.7. CONSORTIUM DISSEMINATION ACTIVITIES

2.7.1. NON-SCIENTIFIC AND NON-PEER-REVIEWED PUBLICATION (POPULARISED PUBLICATION)

TO BE PUBLISHED:

Federica Naspi, Francesca Stazi, Marco Arnesano, Federico Seri, Lorenzo Zampetti, Gian Marco Revel, Marco D'Orazio, *Behavioural models for the window-user interaction during summer season*, COLLOQUIATE 2017 – CONFERENCE

2.7.2. PARTICIPATION TO A CONFERENCE

Several conferences have been attended by representatives of the NewTREND project during the second 12 months of the project. These events have been used as opportunities to inform both the research/scientific community and Industry sector about the project and innovations in research resulting from the work conducted as part of the project. Project partners have given presentations about the project and discussed the project with conference participants. Links and further details about all events where the NewTREND project has been presented are displayed below:

4TH SUSTAINABLE THERMAL ENERGY MANAGEMENT INTERNATIONAL CONFERENCE (SusTEM2017) (28.-29.06.2017, ALKMAAR, THE NETHERLANDS)

https://research.ncl.ac.uk/thermal_challenge_network/events/sustem2017inthenetherlands/

The scope of SusTEM2017 was covering industrial waste heat utilisation; industrial energy, materials and products; renewable heating and cooling systems; building energy performance; control, modelling and optimisation; thermal networks; energy efficiency; economics and policy challenges. JER and MUAS presented a poster regarding the development of district heating and smart-grid models to assess building neighbourhood relationships and synergies.

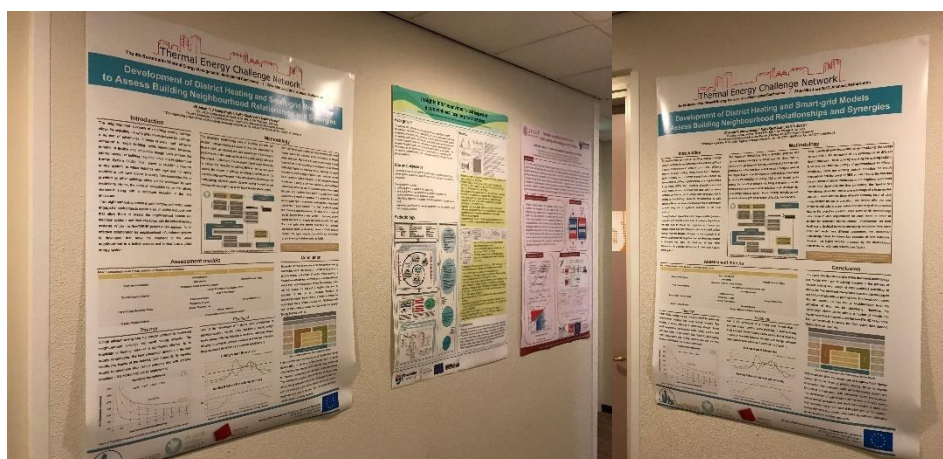


FIGURE 19 POSTER PRESENTED DURING SUSTEM2017

BETTER BUILDING GREEN CONFERENCE (4/10/2016, BUDAPEST, HUNGARY)

During this conference, that targeted industrial stakeholders, András Reith (ABUD) included an introduction to NewTREND in the presentation called **Smart cities: the present and future of sustainable urban design**



FIGURE 20 BETTER BUILDING GREEN CONFERENCE

CLIMATTERS 2017 CONFERENCE: URBANIZATION AND CLIMATE CHANGE: CATALYST FOR CATASTROPHE OR INVITATION FOR INNOVATION? (25/05/2017, BUDAPEST, HUNGARY)

During this national and international scientific conference focused on topics of climate change resilience and adaptation through the lens of natural and social sciences, Melinda Orova (ABUD) presented NewTREND in the session named **Sustainable cities**. The title of the presentation was: **Evaluation of two district sustainability indicator systems on real retrofitting projects.**

ENVIRON - 27TH IRISH ENVIRONMENTAL RESEARCHERS' COLLOQUIUM (10-12/04/2017, ATHLONE, IRELAND)

<http://www.esaiweb.org/environ/environ-2017/>

Two hundred and eighty five delegate registered for the hugely successful three day Environ conference in Athlone Institute of Technology. The theme of the conference was “Putting the Eco in the Economy”.

During this conference UCC presented two poster, titled:

- Enhancing Renovation Performance Through Participatory Design
- Participatory Design for Building Energy Retrofit: Benefits, Barriers and Potential Solutions

EU-GCC RESEARCH & INNOVATION COOPERATION: THE WAY FORWARD (29 NOVEMBER 2016, BRUSSELS, BELGIUM)

The conference aimed to enhance: policy dialogue, capacity building, cooperation in R&I between business, research, academia, and other relevant stakeholders among EU and GCC regions. Stam helped organizing the event and participated in discussions, sharing flyers with interested stakeholders.

GLOBAL FORUM 2016 (19-20 SEPTEMBER 2016, EINDHOVEN, NETHERLANDS)

<http://globalforum.items-int.com/global-forums/global-forum-2016-digitalization-the-global-transformation-eindhoven-netherlands/>

The Global Forum/Shaping the Future is an internationally recognized think-tank for exchange and networking among governments at national, regional & local levels, private & public organizations, research & development experts. Stam helped organizing the event and participated in discussions, sharing flyers and having one-to-one talks with interested stakeholders.

LAW AND THE ENVIRONMENT 2017, 15TH ANNUAL CONFERENCE FOR ENVIRONMENTAL PROFESSIONALS (27/04/2017, CORK, IRELAND)

<https://www.ucc.ie/en/media/academic/law/newsitems/Programme-LawandtheEnvironment2017-Final.pdf>

The conference provides an annual forum for the expert presentation of legal developments and research results in the area of Environmental Law, Regulation and Policy, as well as an informal forum for the exchange of views among policy-makers and regulators, regulated operators, the environmental NGO community, and Irish (and overseas) academic researchers and professionals. In this occasion representatives from UCC took the opportunity to participate in discussions related to NewTREND relevant subjects.

REGIONAL ENERGY CLUSTER CONFERENCE (14 JULY 2017, SAVONA, ITALY)

During the conference, attended by a network of associations that aims to improve the quality of life of every citizen by the diffusion of networks, technological innovations and sustainable economic development, Stam had the possibility to present NewTREND project to interested stakeholders.

WSBE HONG KONG , CASE STUDY - EUROPE: CESBA MED, CESBA ALPS, NEWTREND AND FELICITY PROJECTS (5-7 JUNE 2017, HONG KONG, CHINA)

<http://www.wsbe17hongkong.hk/main-conference-day-3>

The Construction Industry Council (CIC) and the Hong Kong Green Building Council (HKGBC) jointly presented the World Sustainable Built Environment Conference 2017 Hong Kong (WSBE17 Hong Kong) to be held on 5-7 June 2017 in Hong Kong.

As one of the densest and most vibrant urban environments in the world, Hong Kong is the perfect setting for conference participants to experience and discuss both the challenges and solutions involved in creating a sustainable built environment. Serving as a strategic gateway to Mainland China, Hong Kong also provides an unparalleled viewpoint for reviewing and discussing China's rapid urbanisation.

On this occasion, NewTREND Project was presented by iiSBE, MUAS and Granlund Consulting and the objectives, goals, and potentiality for an integrated design methodology for energy building refurbishment at both building and district level, were described.



FIGURE 21 WSBE HONG KONG

FUTURE CONFERENCES:

COLLOQUIATE 2017 (28-29/09/2017, Ancona, Italy) <http://colloquiate2017.artecweb.org/a2017/it/>

2.7.3. PARTICIPATION TO A WORKSHOP

Several workshops have been attended by representatives of the NewTREND project during the second 12 months of the project. These events have been used as opportunities to inform both the research/scientific community and Industry sector about the project and innovations in research resulting from the work conducted as part of the project. Project partners have given presentations

about the project and discussed the project with conference participants. Links and further details about all events where the NewTREND project has been presented are displayed below.

DISTRICT ENERGY SYSTEMS, OPPORTUNITIES AND CHALLENGES FOR EU AND IRELAND (29/03/2017, GALWAY, IRELAND)

http://www.nuigalway.ie/iruse/indigo_workshop.html

This workshop brought together a range of stakeholders to share their experts' opinions towards meeting the need for improved efficiency in the built environment and the wide-spread use of district energy systems to achieve global carbon reduction goals. In addition, the workshop served a networking purpose in the field of district energy systems. Walter O'Grady and James O'Donnell from UCD attended the workshop and presented NewTREND project through a presentation titled: **A virtual neighbourhood – developing a District Information model Server** (the presentation can be downloaded [here](#)).

ICT SOLUTIONS FOR SMART CITIES (23/11/2016, SEVILLE, SPAIN)

<http://dareed.eu/343/dareed-project-workshop-on-smart-cities-held-in-vodafone-smart-center-seville>

Last 23rd November 2016, DAREED project Consortium held the Workshop on ICT Solutions for Smart Cities. Representatives of multiple European entities were invited to take place in a workshop focused on presenting case-studies and involving actively the main stakeholders to co-create energy efficient districts and cities. The Workshop also came to close the software development and testing phase of Dareed Project which will finally conclude in December 2016.

The Workshop had a double purpose: on the one hand it marked the closure of all the development and testing work in the DAREED platform, showing its main keys, goals and results. On the other hand, it was proved the worth of all the work done on Smart Cities, by organising a meeting with other EU entities to exchange experiences with; foster future cooperation, alliances and new projects; as well as align results with the Strategic Smart Cities Plans for Seville and Andalusia.

Francisco David Gallego, managing director in Regenera, took this opportunity to present NewTREND project objectives and purpose.



FIGURE 22 ICT SOLUTIONS FOR SMART CITIES

FUTURE EVENTS:

Sprint workshop in Voralberg, 18-20 September 2017 [http://www.holzforum-allgaeu.de/holzforum/allgaeu/web.nsf/gfx/D1105594C26E5351C125812A002735FC/\\$file/CESBA%20Sprint%20Workshop.pdf](http://www.holzforum-allgaeu.de/holzforum/allgaeu/web.nsf/gfx/D1105594C26E5351C125812A002735FC/$file/CESBA%20Sprint%20Workshop.pdf)

2.7.4. PARTICIPATION IN ACTIVITIES ORGANIZED JOINTLY WITH OTHER H2020 PROJECTS**CESBA ALPS PROJECT MEETING (31 JANUARY – 1 FEBRUARY, 2017, VENICE, ITALY)**

During this project meeting, IISBE took the occasion to mention NewTREND as an important project to be discussed during the Sprint Workshop in Vorarlberg (scheduled for mid-September), for the methodology and the use of the indicators to be implemented into the decision making process. This methodology will foster collaboration among stakeholders in the value chain, engaging occupants and building users and supporting all the refurbishment phases through the whole life cycle of the renovation.

CESBA MED 2ND PROJECT MEETING (11-12 JULY 2017, ZAGREB, CROATIA)

To this event were present both IISBE and AJUNTAMIENTO DE SANT CUGAT. During the meeting, the project was mentioned because NewTREND's criteria belonging to the assessment system at building and urban scale, have been taken into account for the implementation of CESBA MED Generic Framework. It was done a capitalization of the project's results about the assessment criteria and KPIs.

NTNU SEMINAR (27/03/2017, TRONDHEIM, NORWAY)

During this seminar at NTNU (Norwegian University of Science and Technology) in Trondheim in the Research Centre on Zero Emission Buildings (ZEB), András Reith (ABUD) included an introduction to NewTREND in the seminar about sustainable urban design.

2.7.5. TRADE FAIR**CONSTRUMA (07/04/2017, BUDAPEST, HUNGARY)**

Construma is an annual construction industry exhibition; during this event András Reith (ABUD) included an introduction to NewTREND in the presentation called **What is a smart city?**



FIGURE 23 CONSTRUMA

3. ACKNOWLEDGEMENTS

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