



November - December 2020 - Newsletter

Dear readers,

Amidst the second wave of the COVID-19 pandemic, the evolutions in the energy policy in the EU are ongoing and Member States are finalizing their plans for the Recovery Package. These plans include a great deal of supporting energy investments and they should contribute directly to the fulfilment of the EU Green Deal goals.

In the State of the Energy Union report, the EU recognizes that despite the progress of decoupling growth from greenhouse gas emissions, in view of the new climate ambition for reducing emissions by 55% by 2030, more actions at all levels of renewable energy and energy efficiency are required within the Energy Union to achieve climate neutrality by 2050. This is particularly true for energy efficiency, the final energy consumption has fallen by 5.9% (as of 2005) and investments in this field have generated 964,000 jobs.

The COVID-19 period has decreased further the energy demand, but no real structural effects have taken place, and this can signal a rapid increase of energy use after the COVID-19 period, endangering to some extent the clean energy transition envisaged. To this end, the role of EU-funded projects under various programmes is of utmost importance to support the Member States to stay on track or re-align their energy transition pathways.

In the uncertainty gap that the pandemic will leave to the EU energy market, this type of support, which is based on solid data and experience-sharing will facilitate the decision-making processes of Member States in overcoming the structural difficulties of energy efficiency and renewable energy, but also in complying with the new rules and ambitions for the EU Recovery Package funding streams.

IEECP, in its five years of existence, being in the middle of this process through its various H2020 projects with a valued partnership of institutes, energy agencies, ministries, market players and consumers, will continue to assist directly all Member States to achieve these targets.

In this newsletter, you can find how our projects contribute to the capacity building activities for the Energy Efficiency Directive (Articles 3, 7 and 8), on the alleviation of energy poverty and on the role of business models for energy efficiency.

Kind regards,

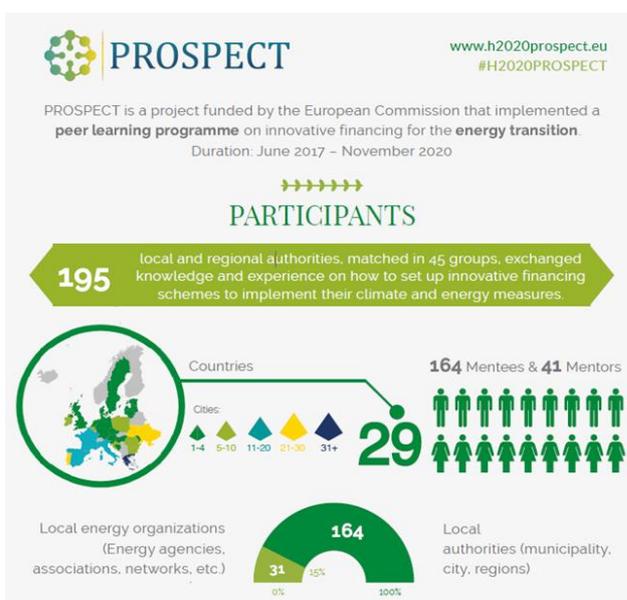
Vlasis Oikonomou and the whole IEECP team

NEW PROJECTS

We announced in September that IEECP was joining, as partner or coordinator, many new projects: more information about each is now available, and they can be followed on social media or through their newsletters. IEECP coordinates DEESME, NUDGE, ENPOR and ENERGeE Watch and partners in BECoop, StreamSAVE and MICAT.

- **NUDGE “NUDging consumers towards energy Efficiency through behavioral science”** - NUDGE will unleash the potential of behavioural interventions for long-lasting energy efficiency behaviour changes, paving the way to the generalized use of such interventions as a worthy addition to the policy-making toolbox. [Website / newsletter](#) - [Twitter](#) - [First news](#)
 - **ENPOR “Actions to Mitigate Energy Poverty in the Private Rented Sector”** - ENPOR aims at making energy poverty in the PRS visible and as far as possible quantifiable, also testing energy efficiency support schemes to address it. [LinkedIN](#) - [Facebook](#) - [Twitter](#) - [Website/newsletter](#) - [First news](#)
 - **ENERGeE Watch “Peer to peer learning in regional and local authorities to timely and accurately define, monitor and verify their sustainable actions”**- The ENERGeE-Watch.eu is an existing network, and this H2020 project will support its growth and development. The overall aim of [ENERGeE-Watch](#) is to enable peer-to-peer learning for regional and local authorities to precisely define, monitor and verify their sustainable energy and climate actions. [Twitter](#)
 - **DEESME “Developing national schemes for energy efficiency in SMEs”** - DEESME will enable companies to manage the energy transition by taking profit of multiple benefits and energy management approaches, support the development and implementation of energy efficiency EU policies in the framework of article 8 of the Energy Efficiency Directive and enhance the adoption of the DEESME approach by National Authorities. [Website / newsletter](#) - [Twitter](#) - [LinkedIN](#)
 - **StreamSAVE “Streamlining Energy Savings Calculations”**- StreamSAVE aims to streamline energy savings calculation methodologies in Europe by fostering transnational knowledge and dialogue between public authorities and key stakeholders. More broadly, the streamSAVE research and results will contribute to the Article 3 and Article 7 measures of the Energy Efficiency Directive (EED) to improve energy efficiency in Europe. [Website / newsletter](#) - [LinkedIN](#) - [Twitter](#) - [First news](#)
 - **BECoop “Unlocking the community energy potential to support the market uptake of bioenergy heating technologies”** -BECoop’s ambition is to foster a broad deployment of bioenergy technologies in the heating sector across Europe by providing all necessary conditions and support tools to unlock the underlying market potential of community bioenergy. [Twitter](#)
 - **MICAT “Multiple Impacts Calculation Tool”** - The goal of MICAT is the development of a comprehensive approach to estimate the Multiple Impacts of Energy Efficiency. [First news](#) - [Video \(from 2h07\)](#)
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AND ENDING ONES



After 3,5 years of hard work, this is time for the H2020-funded PROSPECT project to end, but not without great successes and achievements to look back at!

Innovative financing is often an option for climate projects, but cities, municipalities and regions need to know how to activate and use it: PROSPECT filled that need allowing 195 participating local and regional authorities to exchange knowledge and experience on how to set up innovative financing schemes to implement their climate and energy measures.

We recommend 2 publications to end 2020 with inspiring reading:

- [Needs assessment of local and regional authorities in implementing projects related to sustainable and climate action plans with innovative financing schemes](#) – a short report presenting the project lessons learnt, an overview of the needs and findings of public authorities, and conclusions / recommendations for the future.
- [Finance your sustainable and climate action, experience from 195 public authorities in your hands for learning and replication](#) – a comprehensive guide of the main project outcomes relevant for the peer to peer method and the replication by local and regional authorities in implementing projects related to sustainable and climate action plans with innovative financing schemes.

[And a video by the project scientific coordinator summarising it all!](#)

PUBLICATIONS

[Letter] SENSEI partners with 6 other Horizon 2020 projects to advise EU leaders how to prepare buildings for the energy transition

The transition to a forward-looking climate neutral economy, announced in the European Green Deal, demands an action plan where public and private sector investments are channelled towards climate-friendly technologies and business models. [To support this transition, H2020-funded SENSEI, Triple A, LAUNCH, Ambience, NOVICE, Quest, RenOnBill and Ucert share recommendations to policymakers](#), based on all projects' findings and objectives, investigating ways to

enable the mass adoption of energy efficiency measures and smart technologies supporting the uptake of more renewable energy sources.

SENSEI has recently [released its second newsletter](#), we invite you to check it for the latest project videos and publications on how Pay for Performance schemes work and can be replicated, how to reward energy efficiency for system services through markets, and more!

[Report] State Aid and Article 7 of the Energy Efficiency Directive

ENSMOV releases a [new publication providing an overview on how State aid policies are defined at EU level for the energy efficiency measures implementation](#). The emphasis is on the implementation of Energy Efficiency Obligation Schemes and alternative measures under Article 7 EED and the State Aid regulation. Cases from partner countries are presented and discussed.

Other news from ENSMOV include:

- A [survey is still open](#) to assess how will COVID-19 influence energy efficiency policies in the EU.
- [Other recent publications include parameters and cost effectiveness for MRV for energy savings and financial sustainability and cost effectiveness of policies in the context of Article 7 EED.](#)
- The latest [project newsletter](#) is available, so are the [recordings of the latest ENSMOV webinars](#): Financial aspects of energy policies for EED article7 and Defining the technical aspects of monitoring, reporting and verification systems.



www.h2020prospect.eu
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Peer-Powered Cities and Regions: Success Stories from PROSPECT

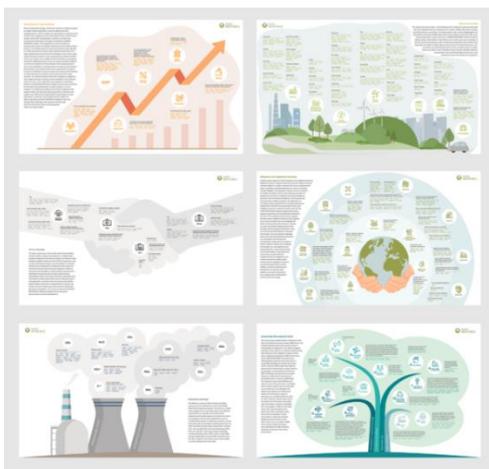


In urban areas, significant opportunities are available for facilitating the energy transition. Many local and regional governments are implementing initiatives in sectors, such as buildings, lighting, and transport. Although there are political and economic incentives for undertaking such actions, many cities and regions face financial and technical barriers, such as insufficient financial resources and lack of skills and experience. Public authorities can tap into innovative financing mechanisms and funding sources – aside from available national, regional, or local budgets – to complement their own financial resources. Public authorities can also learn with and from their peers from other cities and regions who have successfully implemented sustainable energy and climate action projects and are recognized for their ‘best practices’ in innovative financing schemes. That was the goal and mission of the Horizon2020-funded project PROSPECT, now [documenting in this short report success stories from the programme](#).

[Report] Evaluation of schemes to tackle energy poverty

Two different decision-support tools have been fully developed and tested so far within the framework of H2020 SocialWatt, the *SocialWatt Analyser* - supporting the identification of energy poor households among utilities’ clients, based on real household energy consumption and cost data as well as other readily available data, and the *SocialWatt Plan* –supporting the evaluation of several energy efficiency and renewable energy actions/schemes and recommending the optimal ones to implement (in terms of cost and risk), in order to alleviate energy poverty.

The eight project utility partners have used the tools to inform the development of their energy poverty action plans which will guide their energy poverty alleviation work for the duration of the project and beyond. [A report documents their analysis](#) of energy poverty and the assessment of schemes to alleviate it, performed using the tools. Key lessons learnt on the role that calculation tools can play in identifying energy poor households and designing schemes are also presented.



Modelling and maps: PARIS REINFORCE releases [13 infographics](#) to visualize in a user-friendly way key outputs of the project

- A first series contains 6 graphics to explain how different socioeconomic dimensions, policies, mitigation and adaptation technologies, greenhouse gas emissions and other pollutants, economic sectors, and Sustainable Development Goals are represented in climate-economy and energy system models. It also illustrates how the PARIS REINFORCE modelling ensemble covers each of these aspects!

- A second series of 7 graphics draws from the project's socio-technical analysis activities, and illustrates in system maps the decarbonisation potential of different sectors in different countries, inside and outside Europe, and based on different or combinations of Systems of Innovation frameworks.

[Do not forget to subscribe to the project newsletter, always full of good resources!](#)

VIDEOS

Interview: Tips on how to make existing energy efficiency obligation schemes better: the Irish example, by Joe Durkan (SEAI)

The interview presents briefly ENSMOV before going into the aspects of the Irish Energy Efficiency Obligation Scheme (EEO) – combined here with alternative measures, focused on the role of ISO 9001 in increasing the confidence of the administrator in the Monitoring and Verification (M&V) processes of obligated parties. <https://ensmov.eu/ensmov-interview-with-joe-durkan-from-the-seai-ireland/>

SENSEI: 3 videos to learn more about the project, P4P schemes and replication

2 IEECP short webinars (20 minutes) present the [project approach, key concepts and first results](#). In a 10-minute video, Marion Santini from RAP explains [how P4P schemes work and how they can be replicated to support the building renovation wave in the EU](#). Pay-for-performance (P4P) schemes for energy efficiency are one way to provide greater certainty for medium-term investments.

MORE NEWS FROM PROJECTS

News from PARIS REINFORCE

- A digital workshop was successfully held aimed at designing well-informed and meaningful scientific activities in support of climate policymaking at the national and regional level as well as [capturing the Kenyan national context and stakeholders' perspective](#).
- Another virtual workshop focused on the project's [Indian modelling pathways](#). The format of the event was to hold structured discussions on the Indian energy transition with experts from NGOs, academia, the private sector, and

government. This was with the purpose of allowing modelling teams to develop stakeholder-driven modelling scenarios, and co-creating some of the core assumptions being fed into models.

- Additional [scientific publications](#) have also been added to the project website section, check it!

ICCEE: Improving Cold Chain Energy Efficiency in the Food & Beverage sector

The first ICCEE trainings have started in several EU Member States, providing participants with sessions on energy efficiency in the cold chains of the food and beverage sector, the potential of the cold chains of the food and beverage industries in saving energy, the ISO 50001 energy efficiency certification system, the different non-energy benefits derived from savings, the economic viability characteristics and more. The training programme is aimed at workers in the food and beverage industry and those responsible for energy management, as well as from other areas of the food value chain: production, distribution or logistics. It may also be of interest to engineers, auditors, researchers or industry associations. [Check the latest project newsletter](#) to catch up on all news: reports, scientific publications, videos and more.

Alleviating energy poverty: 2nd SocialWatt Capacity Building Workshop

This workshop, organised in 2 parts in August and October 2020, focused on how to best engage with energy poverty households and on successful schemes utilities have implemented to alleviate energy poverty. Particular emphasis was given on how schemes have been financed and designed. [Presentations, all available on the project website, included:](#)

- Engaging with energy poor households - experience from the UK, and options for financing energy efficiency schemes to tackle energy poverty, by RAP
 - Social services outreach to energy poor households - experience from Austria, by Caritas
 - RenOnBill: On-bill financing for facilitating energy efficiency interventions in residential buildings, by University of Geneva
 - Designing pay for performance schemes for the residential sector, by Pacific Gas and Electric
 - Innovative schemes to alleviate energy poverty in France, by EDF France
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IN THE NEWS

PARIS REINFORCE opinion: Green glimmers of hope in climate action through a European, citizen-led transition model

The [article, published in the "New Europe" newspaper](#), focuses on the importance that behavioural changes have in tackling the climate crisis and highlights that there is no space for "one crisis at the time" and in particular that the post-COVID-19 recovery funds must go hand in hand so that higher emission pathways compared to pre-pandemic trajectories are avoided.

Implementing sustainable measures from climate plans through innovative financing schemes

- IEECP wrote an article for the Turkish Marmara municipality magazine, about H2020 PROSPECT and implementing sustainable measures from climate plans through innovative financing schemes. Two examples of mentor/mentee are provided, Almada in Portugal and Heerlen in The Netherlands. Read their story and the article in [Turkish](#) and [English](#).

- Paper: [A city capability assessment framework focusing on planning, financing and implementing sustainable energy projects](#) questions which are the most important competences for the successful planning, financing and implementation of sustainable energy projects in cities? Published in the MDPI's "Sustainability" Journal. Authors: Niki-Artemis Spyridaki, Nikos Kleanthis, Dimitra Tzani, Alexandros Flamos (UPRC – TEESlab) and Mia Dragović Matosović (IEECP).



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Amsterdam Sloterdijk Teleport Towers
Kingsfordweg 151, Amsterdam, 1043GR,
The Netherlands
<http://www.ieecp.org/>