



June 2020 - Newsletter

Dear readers,

June is already here and for many of us, it usually means organising events before the Summer, attending the EU Sustainable Energy Week (EUSEW) and preparing for Holidays. This year, things will be different for all of us: for the first time, the EUSEW event will go digital. An opportunity in the midst of this COVID crisis, to try new ways of organising (sustainable) events, allowing more people to join and reducing travels. You will hear us on topics such as [energy poverty](#) or [business models to de-risk investments](#).

We are glad and actually excited to [add new projects to our existing ones](#), especially on these very topics! Since early 2020, IEECP has been granted new projects, [presented in our last newsletter](#), and we recently got the news that we will kick off two new projects after the summer. One will develop a tool to evaluate the multiple impacts of energy efficiency at different governance levels (H2020 MICAT) and the other will nudge consumers towards energy efficiency through behavioural science (H2020 NUDGE). Earlier this week, as the [ASSIST project final event](#), our projects SocialWatt and ENPOR, which IEECP will coordinate starting after the summer, were mentioned as key projects on tackling energy poverty by EASME, the Executive Agency for Small and Medium-sized Enterprises.

This newsletter provides insights into the latest findings of projects we coordinate or partner in, which you can also find into short [monthly webinars](#): read now about [international experiences of implementing efficiency first](#), [innovative ways to finance sustainable energy and climate actions at local level through citizen financing](#) or [pay for performance experiences for energy efficiency](#) and join our many digital events on these topics!

Enjoy reading,

The IEECP team

TO READ

Short – briefings, factsheets and articles (from IEECP colleagues and partners)

Are there similarities between climate change and the coronavirus pandemic?

H2020-funded PARIS REINFORCE latest publications are asking the question, and include an article on the [importance of mitigating risk to ensure our future prosperity](#) for The Parliament magazine, and [4 new scientific publications](#):

- Sustainable and socially just transition to a post-lignite era in Greece: a multi-level perspective
- A robust augmented ϵ -constraint method (AUGMECON-R) for finding exact solutions of multi-objective linear programming problems
- Temporary reduction in daily global CO2 emissions during the COVID-19 forced confinement
- The importance of stakeholders in scoping risk assessments—Lessons from low-carbon transitions

New scientific publication builds on SocialWatt's results: "A multi-sourced data-based framework for assisting utilities identify energy poor households: a case-study in Greece"

The study introduces a framework that assists utilities to effectively identify energy poor households among their clients. The framework is established upon an enhanced version of the well-known 10% measurement index, being adjusted by a set of weather-driven, income-oriented, and energy-oriented variables so that more accurate, indicative, and objective results are automatically derived through multi-sourced data, demonstrated in the region of Attica, Greece. [In Energy Sources, Part B: Economics, Planning, and Policy](#).

Efficiency first: International experiences

Visit the enefirst H2020-funded project website and [navigate through 16 case studies](#) presenting international experiences where efficiency first (or a similar concept) was implemented, including effects and impacts, changes over time, barriers and success factors, as well as replicability and scalability potential. [A report building on these cases will be ready soon: do not miss it by subscribing to the project newsletter.](#)

Outstanding challenges for EU Member States in the design, implementation and MRV of energy efficiency programmes: an interview with Samuel Thomas

Samuel Thomas, energy efficiency expert and senior adviser to the Regulatory Assistance Project, [highlights main aspects of the EED policy design, implementation, and monitoring, reporting and verification \(MRV\)](#) that would need to be improved and explains how the H2020-funded project ENSMOV could support Member States in implementing art. 7 of the EED. [The most recent issue of the project newsletter is now available.](#)



NEW REPORT

ENSMOV provides a snapshot of Energy Efficiency Obligation schemes in Europe



This new report provides an overview of the sixteen EEO schemes in place in Europe by end of 2019. Each fact-sheet offers a concise view of the scheme, with main features, results and data available. In addition, interviews with national experts provide direct feedback on recent changes and lessons learned, to facilitate sharing of experience among EU countries.

[READ MORE](#)

Reports and longer publications

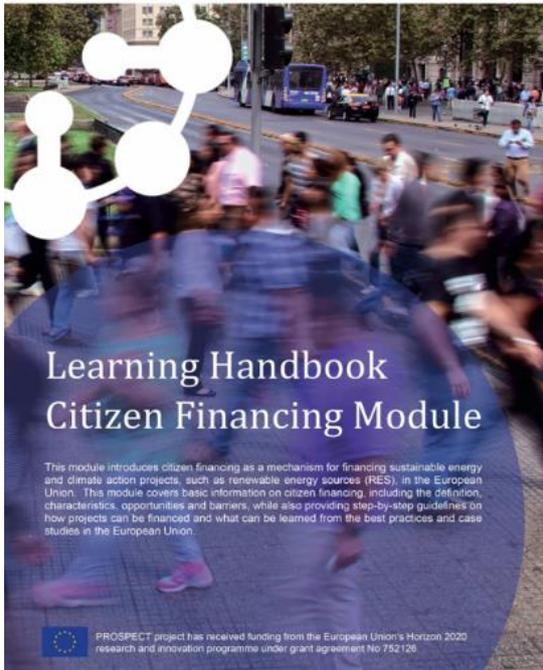
Snapshots of Energy Efficiency Obligation Schemes in Europe

These ENSMOV [snapshots](#) present an overview of the Energy Efficiency Obligation Schemes (EEOS) in Europe, reported to the Article 7 of the Energy Efficiency Directive (EED), for the obligation period 2014-2020. EEOS are schemes setting an obligation on energy companies (energy distributors or suppliers/retailers) to achieve energy savings targets EU with the goal to boost energy efficiency services.

Various ways can be used to specify the energy efficiency obligation, its scope, how the targets can be achieved by the obligated parties, how energy savings can be monitored, how verification and controls are made. Snapshots include, per country, a description of the policy, insights about the results, an overview of the policy mix and interviews with national experts.

Experience and lessons learned from P4P pilots for energy efficiency: new report from H2020 SENSEI

Energy-efficient buildings have the potential to play a key role in EU energy transition. In the United States, several energy utilities have recently piloted and launched buildings Pay-for-Performance (P4P) programmes making use of possibilities offered by energy metering technologies that provide greater certainty over energy savings and drive improved performance. These P4P schemes reward end users or aggregators for delivering energy savings, measured against a business-as-usual scenario. [This SENSEI report examines the design and rationale for such P4P programmes](#), also through in-depth review of 11 case studies from North America and elsewhere. It highlights the factors that enable P4P programmes to succeed, the implementation barriers and the lessons learned. The report also provides policy and regulatory recommendations for a successful replication of the P4P approach in the EU. [You can also catch up about the project in IEECP's lunch seminar](#).



Implementing sustainable measures from climate plans, through innovative financing schemes: new handbook on citizen financing

This [handbook](#), developed by the H2020-funded PROSPECT project, provides step-by-step guidelines on how local projects can be financed through citizen financing and what can be learned from best practices and case studies related to energy cooperatives and crowdfunding.

It was presented at this week's Covenant of Mayors C-Track 50 webinar, [recording and presentations are available](#).

VIDEOS

- Dive into [Paris Reinforce's I²AM PARIS prototype](#) with a short live demo, recorded in Brussels in November 2019.

- What is **SENSEI**? [1-minute introduction](#) to Pay-for-performance, a way to achieve significant, larger-scale energy savings in the building stock and attract additional investments and new business models. The EU lacks so far P4P initiatives. SENSEI will apply learnings from the US to the EU energy market.

SENSEI mission
Our values and goals

- Supporting Investors**
Enable an energy marketplace that pays for results measured at the meter, rather than upfront estimates. This will allow key players in the market to compile EE interventions at the building portfolio level.
- New Valuable Resource**
Energy efficiency can become an energy system resource, while managing the distributed energy and reducing or prolonging investments in cables and wires.
- Green Housing**
Contribute to refurbishment of the building stock for higher energy efficiency by attracting private capital to invest in retrofits.
- Business Innovation**
P4P schemes trigger business innovation through the emergence of aggregators and expand the energy services market to new segments, including the residential and SME sectors.
- Sustainable Future**
Contribute to the 2030 Climate & Energy objectives: 40% GHG reduction (from 1990 levels) and at least 32.5% improvement in energy efficiency by 2030.
- Energy Efficiency rise up**
Identify the conditions (risk sharing agreements, guarantees, etc.) under which the proposed transaction model can improve the risk/return rating of an energy retrofit project, thereby promoting similar programmes.

CATCH UP

Did you miss the enefirst webinar 'Putting energy Efficiency First – Learning from international experience', on May 28?

Many promising ideas and approaches have been developed and implemented in a variety of countries around the world. This webinar looked into the application of the *Efficiency First* principle in different geographic areas, building on examples identifying their rationale, the stakeholders involved, the approach developed to implement *Efficiency First*, the success factors and barriers as well as their replicability and scalability potential. [Catch up with the recording and slides.](#)

Towards better energy efficiency policies

The ENSMOV project organised two webinars in May, both recordings, summaries and presentations are available:

- [How to get support on energy efficiency policies \(EED art. 7\)](#) introduced the project, its learning cycles, presented first snapshots of EEOs and alternative measures and earlier survey results.
- A [thematic webinar on the issue of measuring, verifying and reporting energy savings \(MRV\)](#) in relation to the fulfilment of the obligations under art. 7 of the EED. The webinar focused on examples of good practice from across Europe. The discussion revolved around the cost-efficiency and resources needed for the MRV scheme, the benefits of implementing IT tools for the MRV process and ensuring that additionality and materiality are satisfied, among other topics.

Discover projects and follow their evolution in 20 minutes: IEECP launches the Lunch Seminar concept

Did you know? IEECP organises [lunch seminars](#) to present projects, provide their latest updates and discuss with colleagues the potential challenges. Catch up on the latest ones all available on YouTube: on [Paris Reinforce and the I2AM PARIS open-access data exchange platform](#), [PROSPECT](#) and what hinders local authorities in EU from financing and implementing sustainable energy projects?, [SENSEI](#) (and the Pay for performance scheme) and [ICCEE](#) focusing on food and beverage cold chain energy efficiency.

SocialWatt digital Capacity Building Workshop on how utilities, energy companies & social services can help alleviate energy poverty

Experts on energy poverty & representatives from utilities, academic institutions & social services shared experience & knowledge. [All presentations are available.](#)

Renovation Wave: What's in for Greece?

Triple-A was presented in [Renovation Wave: What's in for Greece?](#) in May, organised by the [Institute of Zero Energy Buildings \(INZEB\)](#). The event's objective was to present the initiative as well as ways that can increase the renovation rate of buildings supporting energy efficiency investments. [Material from the event is now available.](#)

Have you ever navigated through the PROSPECT library?

Now is the time! The [library contains online material on Financing Solutions and Innovative Schemes](#), in handbooks, videos and webinars, aimed at understanding financing solutions and innovative financing schemes.

DISCOVER

- Many projects which IEECP partners in or coordinates have their **own newsletters**. Check recent issues of [ENSMOV](#), [PROSPECT](#), [ICCEE](#), [Triple A](#) and [SENSEI](#).
 - What happens when (great) **EU projects gather forces**? They share insights, organise events and support each other's'. See in the events section the EUSEW event collaboration between UCert, QUEST, LAUNCH, SENSEI, TRIPLE A, NOVICE. The group of projects was recently joined by XTENDO, RENONBILL and Ambience. [Today, we share the latest NOVICE newsletter](#), about innovation in building retrofits for energy efficiency and demand response.
 - Still time to join the **SENSEI stakeholder community** and influence the development of the P4P implementation in Europe by participating in surveys, webinars, workshops, and eventually execution through a serious game, identify potential pilots for testing P4P, access EngageSuite, an interactive e-learning system translating into early mover advantage and showcase your expertise, experience and discuss SENSEI's latest progress during our events.
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THEY MENTION US



We were glad to see [SENSEI feeding research and policy recommendations in a piece by Murray Birt from DWS: "Green, healthy buildings as economic stimulus"](#). The paper supports P4P, energy efficiency business models,

and energy efficiency competing with supply side options and builds on the EEFIG recommendations for how grants/guarantees for renovating buildings need supportive policies.

[Opinion in Greek : National Energy and Climate Plans can help structure a consistent post-COVID19 sustainable energy future, if updated soon and wisely!](#)

MEET US



IEECP at EUSEW

- [Discover business models to de-risk investments and kick-start the EU building renovation wave](#) at EUSEW 2020. High-level panel debates will allow an interactive event

with experts from Horizon 2020-funded projects QualitEE, QUEST, U-CERT, LAUNCH, NOVICE, Triple-A and SENSEI. 18th June 12h-13h30 CET.

- June 24, from 9 to 10.30 CET, IEECP participates in the panel of the event "[Decisive action on energy poverty: solutions from across the EU](#)". Join us!

Webinar: Business models, funding and financing transport, July 2

Cities, municipalities and regions are learning from each other about innovative financing models in [H2020 PROSPECT](#). The mentors from Valladolid and the Borough of Croydon in London will share their experience on the funding of sustainable transport <https://bit.ly/PROSPECTtransport>.
