

SEPTEMBER 2019

# IEECP

INSTITUTE FOR EUROPEAN ENERGY AND CLIMATE POLICY

WITH THE END OF SUMMER, IT'S  
TIME FOR HARD WORK  
ON **ENERGY EFFICIENCY**  
AND **CLIMATE ACTION**

## PROSPECT

FREE MENTORSHIP  
FOR LOCAL  
AUTHORITIES ON  
SECAP FINANCING

## EPATEE

FINAL CONFERENCE;  
EVALUATION PRACTICES  
FOR ENERGY EFFICIENCY  
POLICIES

## STARTING

SOCIALWATT,  
TRIPLE-A, ICCEE,  
ENEFIRST



## AWARDED NUMEROUS H2020 GRANTS | SUCCESSFUL COLLABORATION WITH HEZELBURCHT

We are proud to announce that numerous European Commission Financial Framework Programme Horizon 2020 (H2020) grants have been awarded in a record time attesting to our success and contribution to the field. In order to consolidate our position, we take steps to strengthen our organisational structure and operational procedures to accommodate the increasing number of projects and continue to ensure compliance with the H2020 rules and regulations.

Hezelburcht conducted the H2020 compliance audit

Hezelburcht concluded the compliance audit and provided tailored advice for scaling up our grant management strategy. Their strategy aligns with our organisational needs including adherence to the current H2020 requirements and readiness for future grants under the next framework programme.

*Thank you very much Hezelburcht - on behalf of the entire organisation - for the great work you provided. Your experiences and recommendations are valuable to us and will enable us to grow in a sustainable way!*

*- Dr. Vlasios Oikonomou, Board Member at IEECP.*



## #EPATEE: EVALUATION INTO PRACTICE TO ACHIEVE TARGETS FOR ENERGY EFFICIENCY

Meet us in Paris on 19<sup>th</sup> of September for the **final EPATEE conference!**



Started in May 2017, the EPATEE project will end by October 2019. This is now time to share the main findings about evaluation practices for energy efficiency policies. This will be done in **Paris** on the **19<sup>th</sup> of September**.

The **conference** will not only include presentations about the EPATEE tools and conclusions. There will also be high-level **guest speakers**, such as Kathleen Gaffney from the IEA and Michael Li formerly from the US DOE (remote presentation, to save CO<sub>2</sub> emissions!).

The conference will end with a promising **panel about the role of evaluation in the coming years with:**

- Lelde Kiela-Vilumsone (European Commission);
- Peter Bach (Danish Energy Agency);
- Dominique Osso (EDF);
- Michaela Valentová (Czech Technical University).

REGISTER FOR THE  
FINAL EPATEE  
CONFERENCE AT  
<https://epatee.eu>

Then exchanges will continue over lunch with a **poster session**. You will then have the chance to test the EPATEE tools and *ask all you always wanted to know about evaluation but were afraid to ask!*

In case you cannot join us in Paris, you can still learn about EPATEE findings at the **last EPATEE webinar** on **30<sup>th</sup> of September**.

And the EPATEE tools will remain available on the EPATEE website: so feel free to discover & use them!

Contact: Jean-Sébastien Broc, [jsb@ieecp.org](mailto:jsb@ieecp.org)

## #ENEFIRST: A NEW PROJECT TO MAKE ENERGY EFFICIENCY FIRST MORE THAN A CONCEPT

Kick-off meeting, 10-11 September 2019, Brussels

"**Efficiency First**" (E1st) is a fundamental principle applied to policymaking, planning and investment in the energy sector, which is gaining visibility in European energy and climate policy. ENEFIRST will help **making the E1st principle more concrete and operational**, better understand its relevance for energy demand and supply and its broader impacts across sectors and markets, focusing on the **buildings sector**.

The main objectives of ENEFIRST are to:

- define the principle of E1st in practical terms;
- assess how it has been applied internationally and how it applies to the EU context;
- assess the value of applying E1st across different policy areas for buildings and to quantify the impacts of increased building energy efficiency for the future energy system in the EU, and;

• to identify key policy areas for the application of E1st and develop policy proposals (for buildings).

ENEFIRST is coordinated by IEECP with 6 partners: RAP (Regulatory Assistance Project), BPIE (Buildings Performance Institute Europe), Fraunhofer ISI, Technical University of Vienna, IREES (Institute for Resource Efficiency and Energy Strategies), and the Central European University.

Contact: Vlasia Oikonomou, [vlasia@ieecp.org](mailto:vlasia@ieecp.org) or Jean-Sébastien Broc, [jsb@ieecp.org](mailto:jsb@ieecp.org)

## #SENSEI: A NEW PROJECT TO DEVELOP **SMART ENERGY SERVICES** INTEGRATING THE MULTIPLE BENEFITS FROM IMPROVING THE **ENERGY EFFICIENCY** OF THE EUROPEAN BUILDING STOCK

Testing pay-for-performance (P4P) models in Europe

The **Energy Performance Contracting (EPC)** model has been successful in attracting investments in energy efficiency, but mainly for single, large projects. **Energy efficiency programs**, on the other hand, constitute an alternative path to scaling up the number of buildings that implement energy efficiency interventions, but the practice of rebates and incentives that are paid up front creates a need to rely on deemed energy savings and on complex and costly regulations that hinder innovation. **SENSEI** will propose a solution to this deadlock.

Building on earlier successful experimentation outside of the EU, such as pay-for-

performance contracts, we will design concepts and business models that will help:

- generate new sources of benefits that increase the value of an energy retrofit project by enabling the compensation of energy efficiency as an energy resource;
- turn the project's value into an investable asset to attract private financing;
- aggregate buildings and energy efficiency measure plans into portfolios of energy savings that can be offered to energy providers and to third party investors through energy savings purchase agreements.

SENSEI is coordinated by IEECP with 12 partners: GENCAT (Departament de Territori i Sostenibilitat - Generalitat de Catalunya), CIMNE (CENTRE INTERNACIONAL DE METODES NUMERICS EN ENGINYERIA), ADV (ADVANTIC SISTEMAS Y SERVICIOS SL), FACTOR 4 (FACTOR 4 BVBA), RAP (REGULATORY ASSISTANCE PROJECT), HEBES (HEBES INTELLIGENCE SINGLE MEMBER I.K.E.), OFFIS (OFFIS EV), VAASAETT (GECO GLOBAL IVS), SINERGIE (Sinergie Società Consortile a Responsabilità Limitata)

DBT (FONDEN TEKNOLOGIRADET), OMNIA ENERGIA (OMNIA ENERGIA SPA), UNICAL (UNIVERSITA DELLA CALABRIA)

Contact: Filippos Anagnostopoulos, [filippos@ieecp.org](mailto:filippos@ieecp.org)

## #ENSMOV: ENHANCING THE IMPLEMENTATION AND MONITORING AND VERIFICATION PRACTICES OF ENERGY SAVING POLICIES IN 14 EU MEMBER STATES



IEECP's new H2020 project launched in June 2019 and already many activities are underway.

The project covers 14 EU Member States and will aim to enhance the implementation, monitoring and verification practices of their energy saving policies under Article 7 of the Energy Efficiency Directive (EED).

The support to the 14 Member States started by gathering key stakeholders and making an initial assessment of their needs and current state with their article 7 policies (including obligation schemes and alternative measures).

Once the tools and materials are developed this autumn, an exchange programme will be launched for all key stakeholders to take part in

guided local, regional and EU workshops.

The first workshop will take place in December 2019, where we expect over 50 participants from at least 14 EU Member States.

Please follow the ENSMOV website for updates and more information on the project and our activities: [www.ensmov.eu](http://www.ensmov.eu)

Contact: Vlasia Oikonomou, [vlasia@ieecp.org](mailto:vlasia@ieecp.org) or Mia Dragovic Matosovic, [mia@ieecp.org](mailto:mia@ieecp.org)

## #ICCEE: NEW PROJECT THAT INVESTIGATES THE COLD SUPPLY CHAIN – A SECTOR WHICH OFFERS SIGNIFICANT UNTAPPED POTENTIAL FOR IMPROVING ENERGY EFFICIENCY

Kick-off meeting, 23-24 September 2019, Brussels

The **cold supply chain** is among **the most energy-intensive steps** of the food and beverage sector whilst there is **limited understanding of its potential to improve energy efficiency** and what that implies in terms of cost and benefits. Through analytical tools and dedicated stakeholder learning programmes that will be developed within the project, ICCEE will **accelerate turning energy efficiency opportunities of small and medium sized companies of the sector into actual investments** and create a **clear understanding of the opportunities offered by improving energy efficiency**

for companies' staff. The specific objectives of the ICCEE are to:

- implement and apply an analytical energy efficiency tool to support and facilitate the decision making processes of the companies in the supply chains in assessing their current energy performance of the supply chain;
- identify the energy saving potential of companies and support investments in viable energy efficiency improvement measures;
- create a capacity building programme and a community dedicated

to support the change in the energy culture of organizations improving their energy performance through direct training and the development of an e-module.

ICCEE is coordinated by University of Brescia with 12 partners: IEACP, FIRE (Federazione Italiana per l'uso razionale dell'energia), Adelphi Research Gemeinnützige, ATEE (Association Technique Energie Environnement), Fraunhofer, Riga Technical University, ESCAN, SPES GEIE, ECSLA, Chamber of Korinthia, University of Stuttgart, and Romalimenta.

Contact: Deger Saygin, [deger@ieecp.org](mailto:deger@ieecp.org)

## #PROSPECT: LAUNCHING THE FOURTH LEARNING PROGRAMME FOR CITIES



Our already well-known project PROSPECT enables peer-to-peer learning in regional and local authorities in order to finance and implement their sustainable energy and climate action plans.

Interested people from cities, regions and their local energy agencies undergo a structured learning programme where, through four online and physical meetings, their mentor shows them how to implement innovative financing instruments in practice.

There was already 120 participants from 28 countries that took part in the programme. They learned about energy efficiency in private and public buildings, energy efficient lighting, transport and other cross-sectoral issues.

The most popular financing methods of interest was EPC, with crowd funding and citizen financing gaining more and more attention.

Due to this great interest, the project has asked for a 6-month extension in order to

organize yet another learning cycle, where over 50 new participants will have a chance to participate.

We are thus happy to announce that the **fourth campaign is underway** and 21 mentors, more than in any previous campaign, already joined the programme. If you are interested in free mentorship through our learning programme, please apply by clicking here: [www.h2020prospect.eu/get-involved](http://www.h2020prospect.eu/get-involved))

# #SOCIALWATT: CONNECTING OBLIGATED PARTIES TO ADOPT INNOVATIVE SCHEMES TOWARDS ENERGY POVERTY ALLEVIATION

Kick-off meeting, 26-27 September 2019, Athens, Greece

We are happy to announce the launch of the new H2020 project "SocialWatt".

SocialWatt will develop and provide utilities and energy suppliers with appropriate tools for effectively engaging with their customers and working together towards alleviating energy poverty.

The aim is to enable obligated parties under Article 7 of the Energy Efficiency Directive across Europe to develop, adopt, test and spread innovative energy poverty schemes. Energy efficiency interventions at the household level and increased use of renewable energy (RES/EE investments) will be triggered, by promoting innovative financing options, such as Energy Performance Contracts, Energy Saving Agreement or on-bill repayment. In this way, SocialWatt will support utilities and energy suppliers to fulfil their energy efficiency obligations, as well as improve public relations, promote

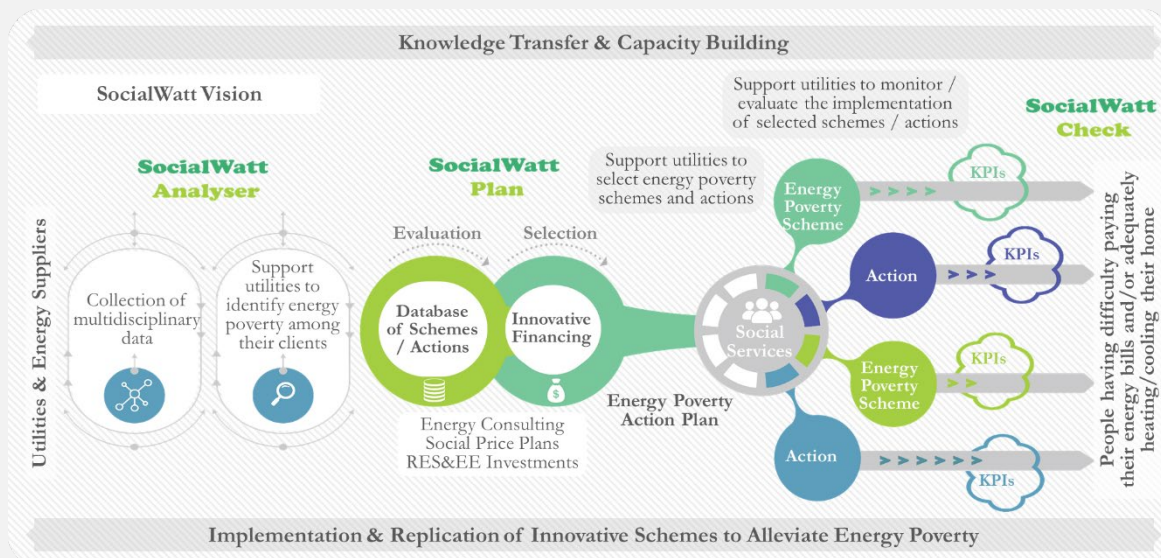
Corporate Social Responsibility strategies, reduce debt and overhead in managing debt and enhance their public image.

SocialWatt will contribute to the following three main pillars:

- Supporting utilities and energy suppliers contribute to the fight against energy poverty through the use of decision support tools. | SocialWatt 'Analyser', 'Plan' and 'Check'.
- Bridging the gap between energy companies and social services by promoting collaboration and implementing knowledge transfer and capacity building activities that focus on the development of schemes that invest in RES/EE and alleviate energy poverty (including SocialWatt capacity building workshops, national training seminars and a European conference).

Implementing and replicating innovative schemes to alleviate energy poverty. Participating utilities and energy suppliers have been committed to develop and implement innovative schemes to alleviate energy poverty in Croatia, France, Greece, Ireland, Italy, Latvia, Romania and Spain. These will serve as pilot cases that represent a large and diverse part of the EU energy market (mainly the electricity and gas market), with different socioeconomic and climate conditions.

The kick-off meeting will be held in Athens, Greece on 26th and 27th of September 2019 to set the official start of the project, establish the relations between partners and define the specific work that each participant is going to make in the following month. Contact: V. Marinakis, [vmarinakis@ieecp.org](mailto:vmarinakis@ieecp.org)





## #TRIPLE-A: ENHANCING AT AN EARLY STAGE THE INVESTMENT VALUE CHAIN OF ENERGY EFFICIENCY PROJECTS

Kick-off meeting, 1-2 October 2019, Athens, Greece

We are happy to announce the launch of the new H2020 project "Triple-A". Official start is on the 1<sup>st</sup> of September 2019. The kick-off meeting will be held in Athens, Greece on the 1<sup>st</sup> and 2<sup>nd</sup> of October 2019 to establish the relations between the partners and define the work plan of the following months.

Triple-A will identify **energy efficiency investments**, aiming to reduce the respective time and effort required at the crucial phase of the investments' conceptualization, as well as to increase transparency and efficiency of respective decision making. The goal is to make energy efficiency investments more **transparent, predictable and attractive** for investors/ financiers and project developers. In this respect, the main challenge

lies in **identifying which investments can be considered as Triple-A investments**, fostering sustainable growth, while also having an extremely strong capacity to meet their commitments, **already from the first stages of investments generation and pre-selection/ pre-evaluation**.

The project has a very **practical result-oriented approach**, seeking to address this challenge, answering the following questions:

- 🌐 How to assess the financing instruments and risks at an early stage?
- 🌐 How to agree on the Triple-A investments, based on selected key performance indicators?
- 🌐 How to match the identified investment ideas with possible financing schemes?

The Triple-A **case study countries** were selected to promote diversity across a number of factors, including: a leading European economy (Germany), an innovation front-runner in energy (The Netherlands), a weak economy, went through one of the longest and the most severe recessions (Greece), an economy with slow economic recovery (Italy), a diversified economy with a strategic geographical location having some of the largest European firms (Spain), a country that has experienced one of the fastest economic recoveries in Europe (Lithuania), a progressing country with a once skeptical stance towards low-carbon development (Czech Republic), and a country, recovering from a slow transition to a market economy, with growing regional strategic role and significant ambition towards EU processes (Republic of Bulgaria).

IEECP will support the effective engagement of Triple-A **target groups** that participate in the **entire energy efficiency investments value chain** and will formulate exploitation and sustainability strategy towards insights recommendations for Policy Frameworks.



Contact: Vlasia Oikonomou, [vlasia@ieecp.org](mailto:vlasia@ieecp.org) or Zoi Mylona, [zoe@ieecp.org](mailto:zoe@ieecp.org)



## PARIS REINFORCE: DELIVERING ON THE PARIS AGREEMENT: A DEMAND-DRIVEN, INTEGRATED ASSESSMENT MODELLING APPROACH

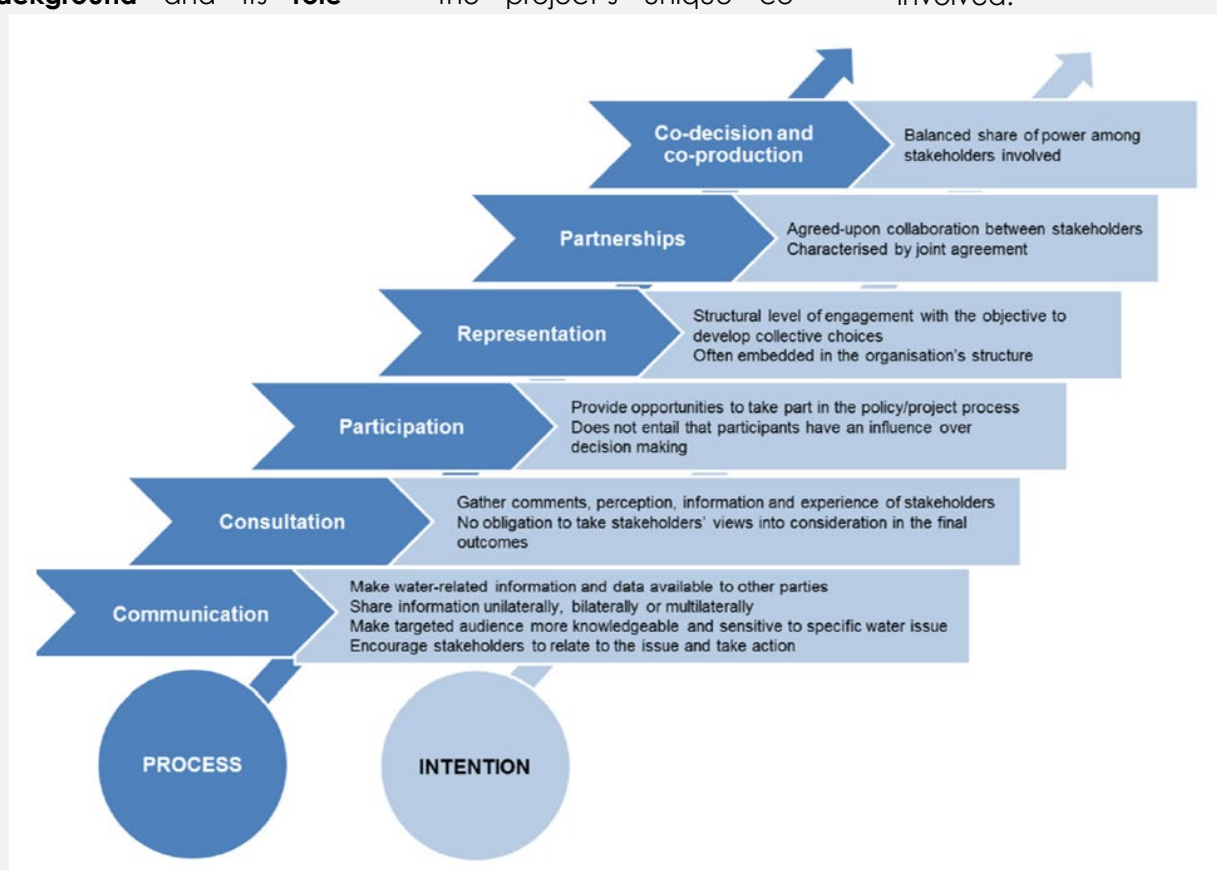


Kick-off Meeting in Athens, 10<sup>th</sup>–11<sup>th</sup> June 2019

**PARIS REINFORCE** - Delivering on the Paris Agreement: A demand-driven, integrated assessment modelling approach started at the beginning of the summer with the project's kick-off meeting held on 10 – 11 June, in Athens, Greece. IEECP's **presented IEECP's background** and its **role**

**within the project.** IEECP's team highlighted the **upcoming deliverables** due by the end of 2019, led by IEECP, and the respective input required from project partners, we also introduced the **work package of communication, dissemination, & exploitation**, aligned with the project's unique co-

design/co-creation approach and introduced the proposed approaches and procedures proposed by IEECP. Moreover, during the meeting IEECP's team members, had fruitful bilateral discussions with other participants regarding most of the tasks & work-packages in which IEECP is involved.



**FIGURE 1** PARIS REINFORCE APPROACH REGARDING STAKEHOLDER ENGAGEMENT

Networking and knowledge sharing event for decarbonisation projects, 5<sup>th</sup> September 2019

The PARIS REINFORCE coordinator, Assoc. Prof.

Haris Doukas, participated in the "Networking and

knowledge sharing event for decarbonisation projects"





organised on 5<sup>th</sup> September by DG RTD and EASME. The event's purpose was to **share insights** related to the upcoming work on design & assessment of **climate policies with IAMs**, highlighting policy relevant aspects, as well as to

establish (potential) synergies/coordination/co-operation among the four newly started Horizon 2020 projects. IEECP has now embarked on this task of coordinating and creating synergies with the other projects funded under the

same topic [LC-CLA-01](#) (**ENGAGE, LOCOMOTION, and NAVIGATE**), but also engaging with other relevant projects & initiatives (such as those funded under topic H2020 LC-SC3-CC-2-2018).

For more details, or in case you want to get engaged with the project, contact the H2020 Project's Coordinator, Assoc. Prof Haris Doukas, at NTUA [h\\_doukas@epu.ntua.gr](mailto:h_doukas@epu.ntua.gr) or IEECP's Zsolt Lengyel ([zsolt@ieecp.org](mailto:zsolt@ieecp.org))

## SIGNIFICANT ANNOUNCEMENT



[www.h2020prospect.eu](http://www.h2020prospect.eu)  
[#H2020PROSPECT](#)

**Learn how to finance the energy transition in your city or region from the ones who understand it the most: your peers.**



PROSPECT last learning programme for cities and regions is starting in November. [Apply here](#) until September 30<sup>th</sup> to learn about innovative financing for sustainable plans and join over 50 other European cities in the path to a greener future.



## ABOUT IEECP

Our members are well renowned researchers and experts in the fields of **climate change**, **energy efficiency**, and **renewable energy policy**.

Our founding principles focus on the generation and dissemination of **scientific knowledge in energy and climate policy**. We have close ties to the actual policy making world (from regional and national governments to the European Commission and the UNFCCC negotiators) to ensure our outputs are useful, pragmatic and evidence-based.

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IEECP

Amsterdam Sloterdijk Teleport Towers, Kingsfordweg 151, 1043GR

Amsterdam, The Netherlands

[info@ieecp.org](mailto:info@ieecp.org)

+31 70 2500 642

[LinkedIn](#)

[Twitter](#)