



# SUSTAINABLE ENERGY WEEK

An initiative  
of the  European  
Commission

22-26 JUNE 2020

# EU SUSTAINABLE ENERGY WEEK

BEYOND THE CRISIS:  
CLEAN ENERGY  
FOR GREEN RECOVERY  
AND GROWTH



#EUSEW2020

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## SUSTAINABLE ENERGY WEEK

An initiative of the  European Commission

Organised by the European Commission, **EU Sustainable Energy Week (EUSEW)** is the biggest annual event dedicated to renewables and efficient energy use in Europe. The 15th edition of EUSEW will take place on **22-26 June 2020**, under the theme: **'Beyond the crisis: clean energy for green recovery and growth'**.

**EUSEW 2020 registration is now open! In the lead-up to the event, don't miss these highlights:**



### **Register to the Policy Conference (23-25 June)**

Choose from **30 digital sessions**, gathering industry experts and policy makers to discuss various aspects of the **European Green Deal and a green recovery**.

### **Sign up for the first ever European Youth Energy Day (22 June)**

Are you aged 18-30 and want to help make the European Green Deal a reality? Sign up **before 12 June** and share your vision on how transform Europe into the first climate-neutral continent.



### **Cast your vote for the EUSEW Citizens' Award (until 15 June)**

Find out who takes home the prize on 23 June, along with awards for **Youth, Engagement and Innovation**, outstanding **Women in Energy**, and the **Eastern Partnership Award**.



### **Organise an Energy Day**

Digital events will take place all over Europe, engaging local communities **throughout June**.

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## FOREWORD BY COMMISSIONER FOR ENERGY KADRI SIMSON

Dear EUSEW participant,

I would like to welcome you to the 15th edition of the EU Sustainable Energy Week (EUSEW) – the biggest conference dedicated to renewable energy and efficient energy use in Europe. Since 2006, EUSEW has been the flagship event bringing together stakeholders in the European sustainable energy sector, and this year's edition aims to reach the same heights, **for the first time in digital format**.

The European Commission has just put forward its proposal for a historic **recovery package** and, together with the **European Green Deal**, it will guide our steps as we fast-forward the transition to the climate-neutral economy for 2050. EUSEW 2020 will contribute to this effort by showcasing how EU energy policy can drive the green recovery and growth that we need. Thus, the theme of this year's edition is **'Beyond the crisis: clean energy for green recovery and growth'**, with discussions focusing on boosting buildings renovation, accelerating renewables development, and promoting innovative clean energy technologies, among other topics.

The main programme will feature a three-day high-level Policy Conference (23-25 June) and the first ever Youth Energy Day (22 June), a youth dialogue with Executive Vice-President Frans Timmermans on how to transform Europe into the first climate-neutral continent. The main programme will be complemented by an extended series of side events and digital sustainable energy events across Europe in June.

The best sustainable energy projects and outstanding women in energy will be honoured at the coveted Awards Ceremony (23 June). Nine European projects have been shortlisted as the year's most successful for clean, secure and efficient energy. A high-level jury will decide the winners in Youth, Engagement, and Innovation categories. A public online vote will determine the winner of the 2020 Citizens' Award. An additional public online vote will also decide the winner of the second Eastern Partnership Award. I encourage you to have a look at these inspiring projects and vote for your favourites!

I look forward to your participation in order to make the 15th EU Sustainable Energy Week a great success. I am confident that the discussions and exchanges that will take place will bring forth new ideas, help spread innovation and best practices, and foster cooperation and partnerships – thereby further cementing Europe's role as a leader in the global energy transition.





## OPENING SESSION

The inauguration of the first-ever digital EU Sustainable Energy Week will be moderated by **Karen Coleman, an award-winning Irish journalist**. She will be joined by high-level keynote speakers to open the Policy Conference and present the overarching theme 'Beyond the crisis: clean energy for green recovery and growth'.

## EU SUSTAINABLE ENERGY AWARDS

Winners will be announced during a live, online Awards Ceremony, chosen from each of the three categories – **Innovation, Youth, and Engagement**. The year's ceremony will also highlight awards for **Women in Energy**, the **Eastern Partnership Award** and the **Citizens' Award** (public vote closes on 15 June).

## DEBATE WITH AMBASSADORS

An interactive and dynamic exchange, following the Opening Session and Awards Ceremony. The moderator, **Hans van Steen, Acting Director on Renewables, Research and Innovation, Energy Efficiency (DG Energy, European Commission)**, will invite EUSEW Ambassadors to discuss their commitment to, and support for, the European Green Deal and highlight the road to green recovery and growth. The discussion will be followed by a Q&A with the online audience.

DAY 1 23 JUNE 2020	
08.30 ▶ 09.00	WELCOME
09.00 ▶ 09.30	OPENING SESSION
09.30 ▶ 10.30	AWARDS CEREMONY
10.30 ▶ 11.00	COFFEE BREAK
11.00 ▶ 12.30	DEBATE WITH AMBASSADORS
12.30 ▶ 14.00	LUNCH
14.00	● STRATEGY
14.30	<ul style="list-style-type: none"> <li>● RENOVATION WAVE Boosting the European Green Deal renovation wave</li> <li>● RENEWABLES An offshore renewable energy agenda for the European Union</li> <li>● ENERGY TRANSITION Energy transition towards climate neutrality: the EU's support for clean energy technologies and innovation</li> </ul>
15.00	
15.30	COFFEE BREAK
15.45	COFFEE BREAK
16.00	<ul style="list-style-type: none"> <li>● SECTOR INTEGRATION Smart sector integration of gas and electricity infrastructure – opportunities and challenges in the context of the EU Green Deal</li> <li>● STRATEGY Climate Pact and Multilevel Climate and Energy Dialogues – get involved!</li> <li>● ENERGY TRANSITION EU Green Deal &amp; the ways out of the COVID-19 crisis: a high-level debate about the greening of the EU recovery</li> </ul>
16.15	
17:30	
17:45	

## EUROPEAN YOUTH ENERGY DAY

Young EU citizens will take centre stage at the first ever European Youth Energy Day to share their vision on how to transform Europe into the first climate-neutral continent. The most innovative and thought-provoking ideas will be presented to **Frans Timmermans, Executive Vice-President for the European Green Deal at the European Commission**.

DAY 2 24 JUNE 2020			DAY 3 25 JUNE 2020		
<ul style="list-style-type: none"> <li>● FINANCE</li> </ul> <p>Unlocking private financing for energy efficiency investments: gearing up to support the European Green Deal</p>	<ul style="list-style-type: none"> <li>● JUST TRANSITION</li> </ul> <p>Decisive action on energy poverty: solutions from across the EU</p>	<ul style="list-style-type: none"> <li>● STRATEGY/LOCAL AUTHORITIES</li> </ul> <p>The role of local authorities in a fair energy transition, through retrofitting buildings</p>	<ul style="list-style-type: none"> <li>● FINANCE</li> </ul> <p>New instruments to support a green recovery in Europe: the modernisation and innovation funds</p>	<ul style="list-style-type: none"> <li>● ENERGY TRANSITION</li> </ul> <p>Women in the energy transition</p>	<ul style="list-style-type: none"> <li>● RENOVATION WAVE</li> </ul> <p>Spurring Europe's renovation wave – how #BetterBuildingsEU can contribute to #EUGreenRecovery</p>
COFFEE BREAK			COFFEE BREAK		
<ul style="list-style-type: none"> <li>● FINANCE</li> </ul> <p>Cities driving the green recovery: boosting investments for local actions</p>	<ul style="list-style-type: none"> <li>● RENOVATION WAVE</li> </ul> <p>Renovation wave: transformative actions towards carbon neutrality</p>	<ul style="list-style-type: none"> <li>● ENERGY TRANSITION</li> </ul> <p>Clean.Competitive. Connected: how to successfully design smart sector integration in the twin climate and digital transition</p>	<ul style="list-style-type: none"> <li>● FINANCE</li> </ul> <p>Effective home renovation programs to stimulate the post-COVID-19 recovery</p>	<ul style="list-style-type: none"> <li>● RENEWABLES</li> </ul> <p>A robust solar and wind industrial base, underpinning the European Green Deal</p>	<ul style="list-style-type: none"> <li>● ENERGY SYSTEMS</li> </ul> <p>Smart grids and flexibility markets: status of demonstrators and effect of COVID-19 on the demo operation and results</p>
LUNCH			LUNCH		
<ul style="list-style-type: none"> <li>● FINANCE</li> </ul> <p>LIFE clean energy transition: boosting a new LIFE after the crisis</p>	<ul style="list-style-type: none"> <li>● ENERGY TRANSITION/SUFFICIENCY)</li> </ul> <p>Energy sufficiency, a game changer to achieve resilience and sustainability after the crisis</p>	<ul style="list-style-type: none"> <li>● SECTOR INTEGRATION</li> </ul> <p>Energy system integration: powering a climate-neutral economy</p>	<ul style="list-style-type: none"> <li>● FINANCE/HYDROGEN</li> </ul> <p>Hydrogen: fuelling Europe's energy revolution</p>	<ul style="list-style-type: none"> <li>● ENERGY SYSTEMS</li> </ul> <p>Flexibility: the invisible infrastructure for a sustainable society? Future market designs and regulatory hurdles</p>	<ul style="list-style-type: none"> <li>● STRATEGY/NECPs</li> </ul> <p>European Green Deal – NECPs at your service!</p>
COFFEE BREAK			COFFEE BREAK		
<ul style="list-style-type: none"> <li>● SECTOR INTEGRATION</li> </ul> <p>Sustainable batteries: an ally for the green recovery</p>	<ul style="list-style-type: none"> <li>● ENERGY COMMUNITIES</li> </ul> <p>Empowering consumers through energy communities</p>	<ul style="list-style-type: none"> <li>● FINANCE</li> </ul> <p>Unlocking investment through climate advisory by the European Investment Advisory Hub</p>	<ul style="list-style-type: none"> <li>● JUST TRANSITION</li> </ul> <p>How can Central and Eastern Europe and the Western Balkan transition to a zero-carbon economy after the COVID-19 crisis?</p>	<ul style="list-style-type: none"> <li>● INDUSTRY</li> </ul> <p>Towards carbon neutrality in a thriving EU industrial sector – markets, investment and financing</p>	<ul style="list-style-type: none"> <li>● TRANSPORT</li> </ul> <p>Boosting the hydrogen economy through international cooperation</p>

## NETWORKING OPPORTUNITIES

On the EUSEW digital event platform, participants have the opportunity to meet other participants via 1:1 video meetings and share their interests with fellow professionals and enthusiasts alike.

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Every year the European Commission recognises the most outstanding individuals and projects for their innovation in the energy sector and renewables. This year, the **EU Sustainable Energy Awards** will be live-streamed via the event's online platform.

Tune in on **23 June** to hear the winner announcements in real time! This year, nine finalists will compete in three award categories: **Engagement, Innovation** and **Youth**, plus an additional category recognising the achievements of **Women in Energy**.

A special prize, the **Eastern Partnership Award**, will be given to an inspiring sustainable energy initiative in Armenia, Azerbaijan, Belarus, Georgia, the Republic of Moldova or Ukraine.

In conjunction with the above, people from all over Europe will have the chance to vote for the 2020 **Citizens' Award** (public vote closes on 15 June) by selecting their favourite project from among the finalists.

## ENGAGEMENT

### Inspiring citizens to play a proactive role in Europe's energy transition

The **cVPP project (the Netherlands)** developed three community-based virtual power plants in **Belgium, Ireland** and **the Netherlands**. The 'Virtual Power Plants' (VPPs) are cloud-based energy management systems that track the production and consumer demand for electrical power. These virtual plants, like village-owned wind turbines or rooftop solar panels, allow the local communities, themselves, to own, control and sell their power via the national or regional electricity grids.

The **Friendly Bill project (Portugal)** is empowering citizens to become more energy efficient by coaching them to better understand their energy expenses. The project has reached a total of 100 000 consumers in Portugal and trained over 308 electricity technicians to help consumers change their energy use habits.

The **CLEAR 2.0 project (Belgium)** is working to change consumers' energy use habits. The CLEAR 2.0 lab tested home-based renewable energy technologies (e.g. solar panel rooftops, heat pumps) for nearly 30 000 households in **Belgium, Czechia, Italy, Portugal, Slovenia** and **Spain**.



## INNOVATION

### **Making the sustainable energy transition a reality for communities all over Europe**

The **Remote area Energy supply with Multiple Options for integrated hydrogen-based Technologies project** started in **Italy, Greece** and **Norway**. True to its name, the REMOTE project supports isolated communities to become self-sufficient in energy, while contributing to the EU's renewable energy and climate goals. The project is rolling out its hydrogen and battery-based energy storage technology in test sites. This storage technology works with any source of renewable power, from wind to biomass, and facilitates the storage of locally produced green power.

The **Direct Drive Tidal Turbine project (Ireland)** has made a breakthrough in a cutting-edge technology: tidal energy turbines. In 2016, the D2T2 project installed the world's first offshore tidal device in Scotland. The D2T2 is more efficient, reducing the total costs of producing tidal energy by 30% – explaining why the model is in high demand in international markets. Moreover, D2T2's technology is popular among the local communities because it has no impact on the environment.

The **Individual Building Renovation Roadmaps (iBRoad) project (Greece)** supports single-family households in setting up personalised renovation plans to make smart financial and energy-efficient plans for renovations to improve their home over the next 5-30 years. So far, the iBRoad roadmap and logbook tools have helped 10-15 homeowners in three pilot countries (**Bulgaria, Poland** and **Portugal**) – with a view to being replicated in other countries throughout the EU.

## YOUTH

### **Inspiring young people to take up the challenge and drive Europe's clean energy transition**

The **Youth Employment Network for Energy Sustainability in Islands project (Cyprus)** is helping prepare young professionals (25-29 years old) from islands enter the green jobs market or launch a green business. The YENESIS project has engaged over 84 young professionals from islands in **Greece, Croatia, Cyprus, Estonia, Portugal, Spain** and **Italy**, providing training, mentoring and apprenticeships in energy efficiency, renewables, sustainable tourism and mobility.

The **Weltfairsteher project (Germany)** is working with teachers and students to promote sustainability as core part of the German curriculum. The young project team has developed 60 interactive online challenges – available to students of all ages, free of charge – on topics including climate change, energy & mobility, production & consumption, and water. The project has engaged more than 1 800 pupils in science-based challenges, encouraging younger students to develop their own creative solutions for more sustainable living.

The **Fair (FER) Solutions for Better Community project (Croatia)** is helping tackle energy poverty in Zagreb. The FER project has trained engineering students to perform over 100 household audits to identify energy-saving solutions (e.g. installing insulated windows and doors, LED lamps and radiator reflection panels) with savings of around 200 kg CO<sub>2</sub>/year, per household, anticipated as a result.

## WOMEN IN ENERGY PROFILES

**Ada Ámon** (Hungary) is head of the newly established climate change department of the City of Budapest and the founder of influential energy think tank EnergiaKlub. After years of convincing policy makers to take sustainable energy seriously, she is now in a position to take on a male-dominated sector and effect change herself. Her think tank is the only Hungary-based NGO that focuses exclusively on energy efficiency, renewables and other areas of climate adaptation (e.g. urban renovation).

**Katharina Habersbrunner** (Germany) is a project manager and board member of NGO Women Engage for a Common Future (WECF). For more than 20 years, she has dedicated her career to fighting for a socially just transition towards clean, renewable and decentralised energy solutions. Her work has to a great extent focused on setting up energy cooperatives. In 2011, she set up a successful energy cooperative in Germany and is currently responsible for gender and climate projects in, among other international locations, Ethiopia and Uganda.

**Sophie Attali** (France) has played a critical role in raising consumer awareness of energy efficiency and encouraging manufacturers to improve their products. She is director at Guide Topten, a consumer service identifies the most energy efficient products on the electric appliance market and puts this information online for free. Looking ahead, she sees her role as one of empowerment to help future generations reduce energy consumption.

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## EXTENDED PROGRAMME

As we prepare for the main EUSEW 2020 programme, several side events are being organised for June. The extended programme features individual webinars hosted by EUSEW partnering organisations.

<b>Thursday 4 June - 16.00 ▶ 17.00</b>	COVID-19 and renewables: impact on the energy system
<b>Tuesday 16 June - 10:00 ▶ 11:30</b>	Are NECPs fit to deliver the EU Climate Law?
<b>Thursday 18 June - 10.00 ▶ 10.30</b>	Energising the European Green Deal: engaging stakeholders in multi-level governance
<b>Friday 19 June - 09.30 ▶ 11.00</b>	User-centred Smart Energy Systems in real life communities
<b>Friday 19 June - 15.00 ▶ 16.30</b>	New horizons: Europe driving ocean energy development around the world
<b>Monday 29 June - 10:00 ▶ 11:30</b>	Understanding renewable gases, hydrogen and power-to-gas: empowering consumers to make informed choices
<b>Monday 29 June - 15:00 ▶ 16:30</b>	Ocean observation for the Green Deal
<b>Tuesday 30 June - 11.00 ▶ 12.00</b>	Empowering SMEs in the Green Deal for clean energy
<b>June</b>	Investment in clean energy solutions: what do institutional investors and business angels expect from innovators?



	<b>Tuesday 9 June - 09:30 ▶ 11:00</b>		<b>Wednesday 10 June - 14:30 ▶ 16:00</b>
	Do European industry and consumers need decarbonised and renewable gas to achieve carbon neutrality in 2050?		Cities – can we deliver a Green Deal?
	<b>Tuesday 16 June - 10:00 ▶ 12:00</b>		<b>Wednesday 17 June - 09:30 ▶ 11:00</b>
	Energy data at your fingertips!?		Clean energy islands as champions of the green recovery?
	<b>Thursday 18 June - 10:00 ▶ 12:00</b>		<b>Thursday 18 June - 12:00 ▶ 13:30</b>
	Sustainable alternative transport fuels – state of play and prospects for transport decarbonisation		Energy transition: new business models to de-risk investments and kick start the EU building renovation wave
	<b>Friday 19 June - 10:00 ▶ 11:30</b>		<b>Friday 19 June - 14:00 ▶ 15:30</b>
	Energy communities supporting the energy transition		Buildings as Green Deal heroes: delivering on climate, circularity and wellbeing
	<b>Friday 26 June - 10:00 ▶ 11:30</b>		<b>Friday 26 June - 14:00 ▶ 15:30</b>
	Powering the SET plan for the European green recovery		Energy efficiency – unlocking the potential of unused heat & cold in industry
	<b>Monday 29 June - 10:00 ▶ 12:00</b>		<b>Monday 29 June - 14:00 ▶ 15:30</b>
	Creating a digital ecosystem for the energy sector		Towards a fair energy transition: enabling vulnerable consumers to take part in energy communities
	<b>Tuesday 30 June - 09:00 ▶ 10:30</b>		<b>Tuesday 30 June - 10:00 ▶ 11:30</b>
	Cooling down Europe's heating system		Ready, set, market – How to make Smart City Projects bankable in times of COVID-19
	<b>Tuesday 30 June - 15:00 ▶ 16:30</b>		<b>June</b>
	Actions & recommendations: creating a joint vision for PEDs (positive energy districts)		District heating: working towards local sustainable solutions
	<b>Wednesday 1 July - 10:00 ▶ 11:30</b>		<b>July</b>
	Powering energy transition in rural communities through social and territorial innovation		Decarbonising industry – energy and CO <sub>2</sub> saving potentials in the short and longer term

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## MEDIA PARTNERS

The media partnerships of the EU Sustainable Energy Week (EUSEW) are designed to highlight the many elements of the event (policy sessions, networking activities, local events and award-winning projects) that are contributing to this year's theme "Beyond the crisis: clean energy for green recovery and growth". Stay tuned for more information and follow our activities under #EUSEW2020.



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## PARTNERS

The partnerships of the EU Sustainable Energy Week (EUSEW) are designed to reach out to organisations that are helping the EU achieve its climate and energy goals. Stay tuned for more information and follow our activities under #EUSEW2020.



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# ORGANISE YOUR ENERGY DAY!


Looking to spark a discussion on sustainable energy? Why not organise a digital event on sustainable energy?

Throughout **June**, energy stakeholders in Europe are connecting online to share their ideas on clean and efficient energy by organising Energy Days.

These digital events are the perfect opportunity to engage with your local community and other green changemakers throughout Europe.

Register your event today:

#EUSEW2020  
#ENERGYDAYS

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