

Power to the Consumer



Dear participant,

A very warm welcome to this 11th edition of the EU Sustainable Energy Week. Much like the sector itself, this event continues to go from strength to strength and is now a veritable who's who of the European sustainable energy industry.

This year's theme illustrates that progress. We don't have to think far back at all to remember a time when households were powered by the fossil fuel "plant to plug" model. Or when consumers' only interaction with energy was paying their bill at the end of the month. Thanks to smart, energy efficient and renewable energy technologies all of that is changing fast. We are now in the midst of a consumer-led clean energy transition.

And that momentum is timely. Just last year Europe was at the forefront when the world signed the most ambitious climate deal in history. The Paris Climate Agreement surprised everyone by going further than expected. The target to stay well under a 2° C average temperature increase, even looking beyond to a 1.5°C, is a tough one. And while policy makers can set the direction of travel, the real change will have to happen on the ground, in houses, businesses and research centres.

As you will see and hear during the week that is the change we are seeking to facilitate through our Energy Union. This year, we will update and revise our whole range of energy efficiency and renewable energy legislation. We will take steps to decarbonise the transport sector and promote e-mobility. We will establish a strong governance for the Energy Union. And we will redesign our energy market to ensure that consumers are centre stage. We want to give Power to the Consumer. We want to enable the consumer to make the most of the opportunities that IT, smart demand and flexible, clever production provide.

The point is that the energy transition is not just about low-carbon technological innovation, it's about societal and behavioural change. Without the active engagement of consumers, the smart, efficient and sustainable energy systems that we need will remain a pipedream. The good news is society is already moving fast! Just have a look at the line-up for this EU Sustainable Energy week, look at the ground-breaking award nominees, and speak to your fellow participants. What you will see is a wide spectrum of ideas, ambition and innovation.

That should inspire us all. So make the most of EUSEW 2016, attend the networking events, download the brand new mobile app, and challenge each other. That is the EU Sustainable Energy Week all about.

Thank you for participating in this year's EU sustainable Energy Week. Together let's make Europe a global leader in sustainable energy.

A handwritten signature in black ink, appearing to read 'M. Arias Cañete', written over a light blue circular background.

Miguel Arias Cañete *Commissioner for Energy & Climate Action*



th
JUNE

PROGRAMME

📍 CHARLEMAGNE BUILDING

	De Gasperi	Mansholt	Jenkins
08.30 - 09.30	Welcome Coffee		
09.30 - 11.00	OPENING CEREMONY	Webstreaming	Webstreaming
11.00 - 11.30			
11.30 - 12.30	Shake your power <i>Sudha Ketherpal</i>	Webstreaming	Webstreaming
12.30 - 14.00			
14.00 - 15.30	Consumer - centric approaches in smart cities - engagement is key <i>European Commission</i>	It's time to leverage SE4ALL's energy efficiency accelerator platform - hands - on session <i>Copenhagen Centre on Energy Efficiency</i>	Smart energy solutions for transport - anticipating future challenges <i>Ile-de-France Europe, ERRIN & POLIS</i>
15.30 - 16.00			
16.00 - 17.30	Europe's leadership in renewable energy - towards strategic partnerships after COP21 <i>European Commission</i>	Sustainable energy best practices and challenges - an Overseas Countries and Territories perspective <i>Overseas Countries & Territories (OCTA), The International Renewable Energy Agency (IRENA) & Dutch EU Council Presidency</i>	Wind energy: market design with flexibility at its core <i>WindEurope</i>
18.00 - 21.00	AWARDS Ceremony & Cocktail Reception		

📺 Webstreaming · 🗳️ Policy conference



EUSEW AWARDS



anniversary of the EU Sustainable Energy Awards

HIGH-LEVEL JURY MEMBERS:

- Jerzy Buzek, President of the jury, Chair of the European Parliament's Industry Committee
- Dario Nardella, Mayor of Florence
- Monique Goyens, Director General of the European Consumer Organisation (BEUC)

CATEGORY 1 CONSUMERS

- RESocial Innovation (Coopérnico, Portugal)
- CLEAR (Test-Achats, Belgium)
- EcoGrid EU (Østkraft, Norway)

CATEGORY 2 PUBLIC SECTOR

- Public sector energy-saving programme (Sustainable Energy Authority of Ireland, Ireland)
- Pokupsko Municipality (Municipality of Pokupsko, Croatia)
- BUILD UP Skills We-Qualify (Cyprus Energy Agency, Cyprus)

CATEGORY 3 BUSINESSES

- Industrial symbiosis (Kemira Kemi and Industry Park of Sweden, Sweden)
- GreenWay Service (GreenWay Operator, Slovakia)
- Green Brewery Göss (Brau Union Österreich, Austria)



ENERGY DAYS

- Hundreds of events raising awareness of energy efficiency & renewables: workshops, conferences, debates, competitions, tours of power stations, school visits, etc.
- All over Europe and associated countries throughout the month of June.



th
JUNE

PROGRAMME

CHARLEMAGNE BUILDING

RESIDENCE PALACE

RESIDENCE PALACE

	De Gasperi	Mansholt	Jenkins	Salle Polak	Salle Maelbeek	Salle Passage	Salon Magritte	NETWORKING VILLAGE	SPEAKERS'CORNER	
09.00 - 10.30	Innovative financing for sustainable energy in practice <i>European Commission</i>	Towards energy democracy - local authorities and citizens in renewable energy and energy efficiency projects <i>REScoop.eu, Greenpeace, WindEurope, European Commission</i>	Banking on renewables: energy storage for prosumers <i>European Association for Storage of Energy (EASE), EHI, Eurelectric, Eurobat & Solar Power Europe</i>	The heat is on - Energy Union, from principle to practice <i>Euroheat & Power, CELSIUS Project, EHI & UNEP</i>	Integrated bioenergy hybrids - more abundant, stable, affordable renewable energy? <i>IEA Bioenergy agreement Task 41 Special Project</i>	New-look data centres - urban and local pilots, sustainable energy systems, latest findings <i>Green IT Amsterdam & Be Great</i>	New market, new consumer, new challenges - let's explore energy consumer needs! <i>NEON</i>	NV 1: EnerGAware - a game for energy efficiency awareness in social housing NV 2: New power system technologies for the Energy Union - the GridTech study NV 3: - NV 4: Connecting technology start-ups with the Energy Union transition NV 5: Gamifying energy efficiency in public buildings -Tribe NV 6: Eye in the sky on heat waste - ThermCERT applications for sustainable cities NV 7: Meet LIFE - supporting climate action, environment and conservation in the EU NV 8: TRIME - help to save energy in social housing NV 9: Cost-efficient options and financing for NZEB renovation of public building stock	Picardie Pass Renovation - a technical & financial solution for mass energy renovation? Catch them young - encouraging student and youth action on climate change Energy-technology trials in smart-city homes - ENERGA Living Lab Local economic impacts of renewable energy investment - examples & lessons How to build lighthouse investment projects across the EU - NEWLIGHT Towards city heat autonomy	09.00 09.30 09.30 10.00 10.00 10.30 11.00 11.00 11.30 11.30 11.30 12.00 12.00
10.30 - 11.00										10.30 11.00
11.00 - 12.30	Making the EU number one in renewable heating and cooling <i>European Commission, AEBIOM & Dutch Presidency</i>	Energy Efficiency: a business opportunity for SMEs <i>European Commission,</i>	The future power system - technology scenarios & infrastructure needs <i>European Commission</i>	Energy Union - what local leadership can tell us about energy transition <i>ICLEI Europe, Energy Cities, Climate Alliance, Eurocities and CEMR</i>	Workshop on renewable energy benefits - the business case <i>International Renewable Energy Agency (IRENA)</i>	Micro-gas turbines put a new spin on green energy production <i>European Turbine Network, COGEN Europe, AEBIOM & RHC Platform</i>	Sustainable transport - the long & the short of it <i>European Cyclists' Federation asbl</i>			
12.30 - 14.00										12.30 14.00
14.00 - 15.30	How to boost energy efficiency in today's buildings - international perspectives <i>European Commission</i>	Local solutions for the fight against energy poverty <i>European Commission</i>	European grids - benefits and challenges <i>European Commission</i>	De-risking renewable energy investment in the Mediterranean <i>European Commission</i>	Knowledge smorgasbord for renewable energy solutions in urban areas <i>Town & Country Planning Association, Tecnalia R&I, Vienna's Energy Center</i>	The role of renewable gases in a smart low-carbon energy system <i>CEDEC</i>	Consenting of offshore renewable energy projects: implementing a risk based approach <i>European Commission</i>	NV 1: Responsive mobility - a solution for urban energy conservation NV 2: Support for sustainable energy innovation - the KIC InnoEnergy alliance NV 3: The heat under your feet - an initiative to boost geothermal heat pumps NV 4: Interreg - funding cooperation on low-carbon strategies NV 5: How accredited skills can drive EU energy efficiency NV 6: European Green Capitals - leading cities in sustainable energy NV 7: Managing facilities well for sustainable buildings NV 8: Bigger and better - scaling up smart electromobility in Europe NV 9: Sustainable mobility in the smart city	Documenting the cost of renewable - energy regulatory delays - RE-Delays and/or Business models for EU renewable energy aggregators - BestRES 20 years of the LIFE programme - our contribution to EU energy stability Getting to the sustainable energy system of the future Powered by SMEs - innovation in energy efficiency; Horizon 2020 projects pitch Powered by SMEs - innovation in energy efficiency; Horizon 2020 projects pitch Powered by SMEs - innovation in energy efficiency; Horizon 2020 projects pitch	14.00 14.30 14.30 15.00 15.00 15.30 16.00 16.00 16.30 16.30 16.30 17.00 17.00
15.30 - 16.00										15.30 16.00
16.00 - 17.30	Delivering Energy Union objectives - integrated national energy & climate plans <i>European Commission</i>	From bashing to praising ecodesign - the true benefits to consumers <i>BEUC- The European Consumer Organisation; ANEC- the European consumer voice in standardisation</i>	Implementing grid infrastructure - best practices in stakeholder dialogue <i>European Commission</i>	South East Europe - Business and job opportunities from EU energy goals <i>SEE Change Net and DG NEAR</i>	Securing risk finance for first-of-a-kind energy demonstration projects - The Experience of the InnovFin Energy Demo Projects Facility <i>European Commission</i>	Smart buildings, smart consumers - how buildings could transform the energy system <i>Buildings Performance Institute Europe</i>	Electricity origins & consumers - AIB & CA-RES CT5 joint session <i>The IEE programme "Concerted Action Renewable Energy Sources Directive" (CA-RES)</i>			



16th
JUNE

PROGRAMME

🏰 CHARLEMAGNE BUILDING

🏰 RESIDENCE PALACE

🏰 RESIDENCE PALACE

	De Gasperi	Mansholt	Jenkins	Salle Polak	Salle Maelbeek	Salle Passage	Salon Magritte	NETWORKING VILLAGE	SPEAKERS'CORNER		
09.00 - 10.30	Decarbonising transport - advanced renewable fuels <i>European Commission</i>	Engaged customers driving the energy transition <i>ENTSO-E, EDSO for Smart Grids, CEER, the SEDC and IDEAS</i>	Empowered consumers at the core of the power system transition <i>EURELECTRIC, Solar Power Europe & Vaasa ETT</i>	Success stories - advanced materials & solutions for more sustainable buildings in Europe <i>AMANAC: Advanced Material and Nanotechnology Cluster & EMIRI: Energy Materials Industrial Research Initiative</i>	Smart specialisation in energy - how Europe's regions are implementing their priorities <i>European Commission, Joint Research Centre</i>	Consumers at the core of the Energy Union - successful approaches to sustainable energy engagement <i>European Commission</i>	Sustainable alternative fuels for aviation - open discussion - <i>International Air Transport Association (IATA) & SENASA</i>	NV 1: GreenPlay - a monitoring platform & game to cut household energy consumption NV 2: Digitising buildings for better efficiency and system flexibility NV 3: BUILD UP - the European portal for energy efficiency in buildings NV 4: Sustainable buildings - demonstration cases using the Active House vision NV 5: Building better energy habits in administrative public-sector offices - ORBEE	Energy storage business models in the energy transition	09.00 09.30	
10.30 - 11.00								NV 6: Smart and integrated NZEB renovation through city action plans		10.30 11.00	
11.00 - 12.30	EU energy, transport and GHG emissions trends to 2050 - the European Union 2016 reference scenario <i>European Commission</i>	Designing flexible energy markets to empower consumers <i>European Commission</i>	Cross-national renewables tenders: a blueprint for cooperation <i>European Commission</i>	Smart appliances in the smart home - the SAREF standard for buildings for the new electricity market <i>European Commission</i>	Energy Efficiency Policies: Challenges, Data, Results and Lessons Learnt <i>Energy Charter Secretariat AND Association Technique Energie Environnement</i>	Demo and debate - 10% of Europe's energy from its seas by 2050? <i>Ocean Energy Europe</i>	"Heating and Cooling - from strategy to consumer's reality" <i>The European Heating Industry Association - EHI</i>	NV 7: The new Covenant of Mayors for Climate and Energy NV 8: The role of Central-Eastern Europe in delivering the sustainable energy agenda NV 9: -	Time to aim high! Energy efficiency and renewables policy in light of COP21	11.00 11.30	
12.30 - 14.00											12.30 14.00
									Energy renovation in the Energy Union - what's in it for consumers?	12.00 12.30	



AMBASSADORS



Theresa Griffin

Demand-response and smart meters are crucial to empower citizens and make sure that they can take an active part in the energy transition.

She is a Member of the European Parliament in the S&D Group, full member of the Industry, Research and Energy (ITRE) Committee and rapporteur for the 'New Deal for Energy Consumers'. She focuses on issues regarding fuel poverty and strongly supports a decentralised and democratic energy system. She also closely monitors the European Commission proposal on an Energy Union and the inclusion of carbon capture and storage (CCS) targets in the 2030 energy and climate framework.

 @theresamep



Morten Helveg Petersen

There are huge possibilities to transform our energy systems to give us more energy security and resilience... But this can only be achieved when we change our mind-sets.

He is a Member of the European Parliament in the ALDE group and Vice Chair of the Industry, Research and Energy (ITRE) Committee. His mission is to support the development of a European Energy Union and a genuine single market for energy, based primarily on renewable energy sources and highly energy-efficient technologies to meet Europe's energy needs in the 21st century while fighting climate change.

 @mortenhelveg