



SUSTAINABLE ENERGY WEEK 04-08 JUNE 2018

LEAD THE CLEAN ENERGY TRANSITION









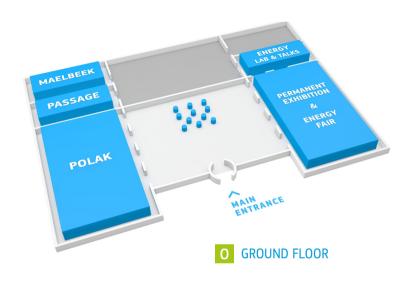


PROGRAMME



Residence Palace

Rue de la Loi 155 | 1040 Brussels



PUBLIC TRANSPORT TO/FROM CONFERENCE

- From the Brussels National Airport: Take the 'Airport Express' bus (line 12) or local bus 21 and get off at 'Schuman'. Alternatively, take the train to Brussels and get off at 'Schuman'.
- **By Metro:** Metro Line 1 or 5 and get off at 'Schuman' station.
- **By Local Bus:** 12, 21, 22, 36, 59, 60, 64, 79. (Calculate your itinerary at stibbe)
- **By Regional Train:** Stop at 'Schuman' station.





Hundreds of events across Europe have already registered.

Organise and register your **Energy Days** at eusew.eu and use hashtag **#energydays** to be part of our online community and gain EU-wide visibility.







The clean energy transition – and the EU's commitment to lead from the front

Dear participant,

I would like to welcome you to the 13th edition of the EU Sustainable Energy Week (EUSEW), the flagship event bringing together policy makers, public authorities, industry representatives, stakeholders, NGOs, researchers and academia and all other players in the European sustainable energy sector.

Everyone brings something different to EUSEW. It is an ideal platform for sharing ideas and knowhow in a particularly dynamic sector, at a particularly important period.

Whereas the political context at last year's EUSEW centred around the Commission's proposals for the Clean Energy for all Europeans package – and the outset of the policymaking process – this year we are much further down the line.

The revised Energy Performance in Buildings Directive has now been agreed and adopted, and will enter into force shortly. We are pleased with the outcome as it will encourage smart technologies in buildings, strengthen long-term building strategies and support the rollout of infrastructure for e-mobility. Member States will now have until the first quarter of 2020 to transpose these measures into national law. By requiring each Member State to establish national roadmaps to decarbonise buildings, I am confident that we are creating a clear path towards a low and zero-emission building stock in the EU by 2050.

For the other aspects of the Clean Energy for All Europeans package, we are now at the end-game negotiation stage for the key dossiers on Energy Efficiency, Renewables and Governance and I am convinced that we can find political agreement on these dossiers in the near future. The Clean energy transition will not only help to meet our Paris Agreement commitments, it will also contribute to create investment, growth and jobs opportunities in Europe. It is therefore worth being ambitious and we can afford to aim higher. As a range of recent studies has shown, the pace of change is such that we can

be more ambitious. Economies of scale and innovation are bringing down production costs more quickly than expected.

Similarly, we are moving forward on the remaining proposals about Electricity Market Design – revising the Electricity Regulation, Electricity Directive, Risk Preparedness rules and ACER – to the extent that we should be able to conclude them before the end of the year.

Let me reassure you that the EU is fully committed to the clean energy transition and keen to lead from the front. This is clearly demonstrated in our new blueprint for EU spending after 2020, which is pushing for climate-related issues to be 'mainstreamed' and take up 25% of the future budget.

While I hope your exchanges in the course of this year's EUSEW events provide a clearer picture of the important implementing decisions that need to be taken in the coming months, I must underline that EUSEW is about much more than policy and politics. It provides us with the chance to network, to be better informed about the latest developments on the market, but also in research. In short, to get an update on where we stand in the clean energy transition. I always look forward to the awards – our shortlist of 12 finalists from all over the EU. I encourage you to have a look at these inspiring projects. They are all winners.

I look forward to your participation and making the EU Sustainable Energy Week a great success.

Miguel Arias Cañete
Commissioner for
Energy & Climate Action

Programme 05 June 2018

		EXAMPLE MAGNE		♠ RESIDENCE PALACE			RESIDENCE PALACE		
	De Gasperi	Mansholt	Jenkins	Salle Polak	Salle Maelbeek	Salle Passage	Energy Fair	Energy Talks	
08.30	_	_	<u> </u>						
09.00	Opening Session								
10.30	Awards Ceremony								
11.30	<u></u>	₽	₽						
12.00	Debate with Ambassadors								
12.30	===	===	==						
14.00	transition United Nations Industrial Development Organization, AkzaNobel Specialty Chemicals RFD Heat-ta-Power amject for the 21st Century (RENX	Renewable energy in transport EUFORES – European Forum for Renewable Energy Sources,	Forum solutions for financial inclusion and job creation in developing countries FMZ11, Natural	The architects' contribution to the clean energy transition European Commission ■	Active consumer – vulnerable consumer ENTSO-E, National Energy Action ■	The need for innovative financing for first of a kind low carbon fuel plants European Commission ■	EF 01 The EU-MERCI project: example of energy efficiency in industry • Ricerca sul sistema Energetico R.S.E. S.p.A EF 02 Visualizing energy photo exhibition • REVOLVE EF 03 ENTROPY: addressing energy efficiency in buildings • University of Murcia EF 04 Stability, security and automation towards 100 % renewables • Description of the Control of th	How renewable ethanol can drive clean mobility in the EU • ePURE	
		for the 21st Century (RÉN21), Natural & bio Gas Vehicle Association – NGVA						Wireless Power Transfer solutions for energy efficient furnaces and industrial applications • NIWE	14.30
		Larope					RESERVE, SUCCESS & SOGNO EF 05 How renewable ethanol can drive clean mobility in the EU • ePURE EF 06 Decarbonising port business today • Dual ports	Energy targets: engaging with small giants • Association European Energy Award	15.00
15.30	<u> </u>	<u> </u>	₽	<u> </u>	<u> </u>	<u> </u>	EF 07 CESBA Alps innovative approach and assessment of the sustainability		15.30
16.00	EU cities partnership and urban from	SET Plan implementation plans: from a joint vision into investment European Commission	a joint vision into investment uptake of e-mobility in the EU	in the EU for the citizens leading	Energy efficient products and market surveillance: strengthening the internal market, achieving EU's energy efficiency goals PROSAFE, Coolproducts campaign	Lessons from the ground: what ticks with consumers on renewables? BEUC - The European Consumer Organisation	of territories • CESBA Alps	Energy StartUp Europe Awards 2017 • Finnova	16.00
							EF 08 Marketplace of heating and cooling opportunities • ICLEI Local Governments for Sustainability EF 09 Smart solutions for urban districts • Smarter Together	Developing the low-carbon potential of commercial ports • AGHO Haven Oostende (Dual Ports)	16.30
							EF 10 SMART-UP: smart metering and vulnerable consumers • SMART-UP consortium	Citizen-driven circular economy in buildings • Homegrade	17.00



Networking Village

The Networking Village is where the EUSEW community can make new connections, exchange ideas and lay foundations for future cooperation toward a sustainable energy transition.

JOIN THE ACTIVITIES:

Energy Fair – 40 interactive exhibitions

Energy Lab – 10 insightful pitches

Energy Talks – 27 inspiring speeches & lively debates

Energy One20ne – 300+ fruitful meetings



Digitalisation ■ Smart cities & regional development Energy storage

Clean energy finance

Renewables ■ Energy efficiency Consumers

Programme 06 June 2018

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	De Gasperi	Mansholt	Jenkins	Salle Polak	Salle Maelbeek	Salle Passage	Energy Fair	Energy Talks		
8.30	_	_	<u></u>	<u> </u>	<u></u>	<u></u>	Energy morning • Me	ditation & light yoga	08.3	
9.00	Europe's vision for the energy system of the future ETIP SNETINITENSYS4EU, eurelectric, Association of Issuing Bodies, HyER – Hydrogen, fuel cells and	Energy storage and sectoral integration European Commission ■	Energy poverty: inclusive clean energy transition and best practice European Commission	Smart finance to boost healthy, comfortable and accessible buildings European Commission ■	Electricity and gas: married forever or happy single? Eurogas, Centre on Regulation in Europe	Innovative technologies and regulatory schemes accelerating islands' decarbonisation Network of Sustainable Greek Islands	EF 01 Energy StartUp Europe Awards • Finnova EF 02 ADVANCEFUEL: removing barriers to sustainable transport fuels • Greenovate Europe EF 03 ICTFOOTPRINT.eu: Green ICT – in practice • ICTFOOTPRINT.eu	SLAM: the advanced smart meter of NOBEL GRID H2020 project • <i>ETRA</i> How can seasonal climate forecasts help your	09.0 09.3	
	riph — riyalgar, jaer east and electro-mobility in European regions, Hinicio, Renewables Grid Initiative (RGI), Heinrich Böll Foundation EU office, Red Eléctrica — REE ■					(DAFNI), Directorate of Energy and Climate Change (Balearic Islands Government, Spain), Outermost Regions Energy Network ■	EF 04 Energiewende and the sustainable urban benefit • Green with IT e.V. EF 05 Sector coupling and the development of heating and cooling in the energy transition • EON Energilosninga EF 06 From SmartH2O to enCOMPASS: stimulating citizen engagement	business? • WEMC SMART-UP: smart metering and vulnerable consumers • SMART-UP consortium	10.0	
0.30	_	P		_	<u></u>	_	for sustainable water and energy consumption • European Institute	<u> </u>	10.3	
1.00	Batteries' role in energy transition <i>European Commission</i> ■	Deep energy renovation European Commission ■	Watts in the water: advances in blue energy	Scaling up energy efficiency investments: lessons learned through different sustainable	Breaking down the barriers between local action and European policies	EU opportunities for the energy transition in the Mediterranean and the GCC regions	for Participatory Media EF 07 TOGETHER for energy efficiency: an integrated approach to energy saving in public buildings · Association of Municipalities Polish Network Energie Cities EF 08 The energy efficiency toolkit for energy communities · REScoop Plus EF 09 Enabling energy efficiency in EU buildings · BUILD UP EF 10 Chemistry Can: facilitating the transition to a sustainable society · CEFIC – The European Chemical Industry Council	Europe – Africa: towards a strong partnership in Energy • <i>EIT InnoEnergy</i>	11.0	
			European Commission 🔳	finough anieten sustainable financing instruments The World Bank, European Energy Efficiency Fund - eeefeu, Global New Energy Finance (GNE Finance)	EUropean politices RURENER, Avià municipality, Regione Piemonte ■	MEDENER – Mediterranean Association of National Agencies for Energy Management, EU-GCC Clean Energy Technology Network		The Triple-A approach: inspiring home owners to be more energy efficient. • City of Rotterdam	11.3	
								Supporting regions in the transition to a low-carbon economy • Interreg Europe Policy Learning Platform	12.0	
2.30	=======================================	==	==	==	==	===	=======================================	===	12.3	
.4.00	Clean energy transition on EU islands and beyond European Commission ■	Technology pathways: what will the energy system of 2050 look like and what does it mean for R&I priorities? European Commission ■	How do new technologies help communities engage and understand the local value of energy infrastructure projects European Commission	Energy plans and roadmaps for sustainable future Tartu Regional Energy Agency, Estonia, BPM S.A.	Solidarity and energy communities, how community energy alleviates energy poverty both rural and urban Friends of the Earth Europe, International Network for Sustainable Energy (INFORSE) – Europe, Alliance for Rural Electrification (ARE)	From here to there – the path to follow leading on national long-term renovation strategies to upgrade our buildings EuroACE, Eurhonet, JIN Climate and Sustainability/IEECP, Future Climate	EF 01 Energy agencies leading the clean energy transition • ManagEnergy Service EF 02 WiseGRID: solutions for European SmartGrid • REScoop.eu & ETRA I+D EF 03 NOBEL GRID H2020 project: new business models for smart grids • ETRA EF 04 Plan today, save tomorrow – the change begins locally • PLANHEAT and SDHp2m project EF 05 Passive house: the nZEB that delivers • The International Passive House Association	Energy Lab 10 project pitches in front of a panel of experts.	14.0	
5.30	<u></u>	₽	<u> </u>	_	_	<u></u>	EF 06 SISMA – supporting innovative schemes in the MED area • SISMA	<u> </u>	15.3	
6.00	Digitalisation of the energy sector – challenges and benefits for	EU and non EU Islands: showcasing best practice from around the world	Emission Trading Scheme in support of low-carbon	Energy efficiency/management in industry and SMEs leading	The contribution of energy smart solutions to social		 EF 07 BRIDGE to smarter grids and better energy storage • TECHNOFI EF 08 The European Technology and Innovation Platform • ETIP SNET EF 09 Get your best energy technology ideas funded • EUROGIA2020 EF 10 TIDAL WAVE – offshore renewable energy in the mix • H2020 Ocean Energy projects 	Setting up a marine renewable energy farm: many skills at stake • <i>Mercator Ocean</i>	16.0	
	consumers European Commission	European Commission	transition of the EU energy system and industry European Commission ■	to more implementation of measures CEN/CENELEC Sector Forum on Energy Management (SFEM), Ecofys,	cohesion in cities ICLEI, Architects' Council of Europe (ACE), Urban Innovation Vienna, Energy Center ■			Heat Pump & Solar Keymark: the need for quality in a growing market • European Heat Pump Association	16.3	
				a Navigant company, Province of Groningen, The Netherlands, CO ₂ net BV ■				Building 4 People: healthy and sustainable buildings for all Europeans • Buildings 2030/Lighting Europe	17.0	
7.30									17.3	
17.45	Corporate sourcing of renewables European Commission ■	Subnational governments working in partnership to deliver the clean energy transition Convention of Scottish Local Authorities (COSLA), Cotalan Energy Institute (ICAEN) – Government of Catalonia, Scottish Government (EU Office)	Energy storytelling: why stories matter to scientists and policy-makers in energy policy European Commission ■	ManagEnergy Talk: leading the energy transition – local action, large impacts ManagEnergy ■	Limiting methane emissions in the energy sector European Commission ■		■ Transformation of the energy system ■ Clean energy finance ■ Renewab ■ Digitalisation ■ Energy ef ■ Clean energy finance ■ Renewab ■ Energy ef ■ Consume	ficiency		

Programme **07** June 2018

		OCHARLEMAGNE			RESIDENCE PALACE		RESIDENCE PALACE		
	De Gasperi	Mansholt	Jenkins	Salle Polak	Salle Maelbeek	Salle Passage	Energy Fair	Energy Talks	
08.30	<u> </u>	<u> </u>	<u></u>	<u> </u>	<u></u>	<u> </u>	Energy morning • Me	ditation & light yoga	08.3
09.00	Leadership in renewables: how will European technologies take us there European Commission	Going CO2 negative through CCUS: current solutions and future perspectives Energy Technologies Europe, Confederation of Norwegian Enterprise (NHO), Energy Watch Group	energy: from planning to action	The value of people power: the case for decentralised solar and demand-side flexibility REScoop, ESMIG ■	A fair transition? How can the EU post-2020 budget support local energy leadership? Climate Alliance, Energy Cities ■	Fresh tactics in the Western Balkans for activating energy efficiency investments in the residential sector European Commission, European Bank for Reconstruction and Development (EBRD)	EF 01 To-Syn-Fuel: turning sewage sludge into fuels and hydrogen • ETA Florence Renewable Energies EF 02 THE4BEES: energy is consumed by people not buildings • CSI EF 03 ENERGY @ SCH0OL: empowering teachers and children to save energy • City of Karlovac EF 04 ECCO creates new energy community cooperatives • Innovativesteunpunt	Consumer stock ownership: an innovative and inclusive community energy model – Kelso-Professorship, European • Kelso-Professorship European University Viadrina The Deep Geothermal Implementation Plan • COSVIG Parking and its influence on energy efficiency in transport • European Cyclists' Federation	
10.30	<u></u>	_	<u></u>	_	_	_	EF 05 Flexibility and system solutions for integrating		10.30
11.00	Circular economy – energy and more European Commission ■	Hydrogen and fuel cells greening European industry European Commission,	Energy Performance Contracts to foster energy efficiency in the public sector – how to turn	Smart grids, renewables and storage – leading the transition towards a new European	Coal regions in transition – investing in renewables European Commission ■	Shaping an integrated market with hot findings and cool solutions	50% renewables by 2030 • EU-SysFlex EF 06 COLD ENERGY: improving efficiency in refrigeration • TURBOALGOR	What does 'interdisciplinary education, training and research' mean in practice for European universities? • EUA Energy and Environment Platform	11.00
		The Fuel Cells and Hydrogen Joint Undertaking (FCH JU) ■	difficulties into success? euesco, Factor4 ■	energy system EASE, InnoEnergy, European Regions Research and Innovation ■		Aalborg University, H-DisNet (KU Leuven), The National Fund for Environmental Protection and Water Mananagement, Union of Entrepreneurs and Employers ■	EF 07 Developing innovative heating, ventilation and air-conditioning technology • REHVA EF 08 EMBERS: promoting clean tech in transport • Ubiwhere	Powering Europe's sustainable future through higher octane fuels • European Fuel Oxygenates Association	11.30
							EF 09 A smarter way to renovate residential districts • R2CITIES Project EF 10 Sustainable energy for coastal regions • Cluster MEDGreen	Fuels without the fossil: converting biomass to a renewable petrol and diesel equivalent • WRG Europe & ETA Florence	12.00
12.30	==	==	==	==	==	==	==		12.30
14.00	 - how can we decarbonise the sector by 2050 and fulfil the Paris agreement? European Commission renewable energy financin and support European Bank for Reconstruct Development (EBRD), CEER (CI 	The changing landscape of renewable energy financing and support European Bank for Reconstruction and Development (EBRD), CEER (Council	architecture for smart energy services of the future struction and European Commission		The Mediterranean at the forefront of the energy transition European Commission ■	Learning from experience and involving energy-citizens; two ways of improving energy-related policymaking Austrian Energy Agency, Fundación Tecnolia Research and Innovation — Representing the EU-funded ECHOES project		Transforming energy demand through digital innovation: energy feedback and beyond. • <i>University of Edinburgh</i> Policies for the energy transition and socio-economic benefits • <i>IRENA, IEA, REN21</i>	14.00
		of European Energy Regulators)						LIFE-DIADEME: a novel sustainable smart lighting system for the smart city • LIFE-DIADEME	15.00
15.30	<u> </u>	<u></u>	<u></u>	<u> </u>	<u></u>	<u></u>		<u> </u>	15.30
16.00	a new era for all Europeans efficiency for	efficiency for industry and cooling European Commission efficiency a security of Mining and C of Hungary (Federation o) Institute for Environment Energy Techn ESWET – Eur				ITER and fusion: towards a new source of energy on Earth European Commission ■		Renewable liquid for heating: perspectives and concrete applications • <i>Eurofuel</i>	16.00
								Can Energy Performance Certificates promote deep energy renovations? Practical answer: ENERFUND tool • Valencia Institute of Building	16.30
								Horizon prizes for low-carbon hospital and 'Fuel from the Sun' • DG Research and Innovation	17.0

■ Transformation of the energy system

■ Energy islands ■ Smart cities & regional development ■ Renewables

Energy efficiencyConsumers

Clean energy finance

DigitalisationEnergy storage





Ambassadors

DEBATE WITH AMBASSADORS

Tuesday 05 June | 12.00-12.30

CHARLEMAGNE De Gasperi



Jerzy Buzek

Chair of the European Parliament Industry, Research and Energy Committee (ITRE)

y @JerzyBuzek



Miriam Dalli

Member of the European Parliament (Progressive Alliance of Socialists and Democrats)

y @Miriamdalli



Fredrick Federley

Member of the European Parliament (Alliance of Liberals and Democrats for Europe)



Monica Frassoni

President of the European Alliance to Save Energy (EU-ASE)

y @monicafrassoni



Theresa Griffin

Member of the European Parliament (Progressive Alliance of Socialists and Democrats)

y @TheresaMFP



Pirjo Jantunen

Co-founder and Former Chair of World Energy Council's Future Energy Leaders

y @mojri



Bertrand Piccard

Initiator, Chairman and Pilot of Solar Impulse

y @bertrandpiccard



Miroslav Poche

Member of the European Parliament (Progressive Alliance of Socialists and Democrats)

y @PocheMEP



Julian Popov

Chairman of Buildings Performance Institute Europe (BPIE)

@julianpopov



Claude Turmes

Member of the European Parliament (Greens/European Free Alliance)

♥ @ClaudeTurmes



Adina Valean

Chair of the European Parliament Environment, Public Health and Food Safety Committee (ENVI)

♥ @AdinaValean



Eckart Würzner

Mayor of Heidelberg, Germany and President of EUROCITIES





CHARLEMAGNE

05-07 JUNE | 09.00-17.30

STAND 1 DG ENER – Directorate-General for Energy

STAND 2 DG JUST – Directorate-General for Justice and Consumers

STAND 3 DG RTD – Directorate-General for Research and Innovation

STAND 4 European Builders Confederation

STAND 5 EASME – Executive Agency for Small and Medium-sized Enterprises

STAND 6 EU Mobility Week

STAND 7 Electromobility

RESIDENCE PALACE

05 JUNE | 14.30-17.30 06-07 JUNE | 09.00-17.30

STAND A Covenant of Mayors

STAND B Smart Cities Information System (SCIS)

STAND C The European Innovation Partnership on Smart Cities and Communities (FIP-SCC)

STAND D Interreg

STAND F DG FNV – Directorate-General for Environment

STAND F Energy Observer

Media Partners



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teraz-srodowisko.pl





Strategic Partners and Multipliers



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energycoalition.eu



energypoverty.eu



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euroace.org



eurocities.eu



eurogas.org



eu-smartcities.eu



fedarene.org



hypo.org



ipeec.org



mobilityweek.eu



orgalime.org



rescoop.eu



revolve.media



yes-energy-europe.com







HIGH-LEVEL JURY MEMBERS

Jerzy Buzek – President of the Jury Chair of the European Parliament Industry, Research and Energy Committee (ITRE)

Monica Frassoni – Jury member President of the European Alliance to Save Energy (EU-ASE)

Monique Goyens – Jury member Director-General of the European Consumer Organisation (BEUC)

Pirjo Jantunen – Jury member Co-founder and Former Chair of World Energy Council's Future Energy Leaders

FINALISTS

CONSUMERS

- ◆ Karise Permatopia EcoVillage Denmark
- Bio.Energy.Parc.Saerbeck Germany
- ◆ PEAKapp Austria

PUBLIC SECTOR

- ◆ 300 schools energy retrofit program France
- PEACE_Alps (Pooling Energy Action Plans and Enhancing their implementation in the Alps) – Italy
- ◆ 10 years of North-West Croatia Regional Energy Agency – Croatia

BUSINESSES

- ◆ WiseGrid Spain
- ◆ Infinity Building Belgium
- ◆ REScoop PLUS Portugal

YOUNG ENERGY LEADERS

- ◆ Pavel Podruh Czech Sustainable Houses Czech Republic
- ◆ The team of 'Green your brewery with EKOenergy!' Finland
- ◆ The team of 'L'ecovigilessa Vanessa'— Italy

Side Events

DURING THE WEEK

Permanent exhibition Energy Observer – first electric vessel powered by renewables and hydrogen

Esplanade of the Charlemagne building Rue de la Loi 170, Brussels

04 JUNE

DecarbEurope Forum 2018 *Revolve Media*

15:00-19:00

Residence Palace Rue de la Loi 155, Brussels

Deep decarbonization towards 2050 What to expect from transport and industry?

The Norwegian Mission to the EU and The Norwegian Ministry of Petroleum and Energy

16:00-18:00

Norway House Rue Archimède 17. Brussels

05 JUNE

Annual Conference and Gala Awards Dinner 'The Power of Heat' COGEN Europe

13:00-18:00 | 19:00-23:00

Steigenberger Wiltcher's Hotel Avenue Louise 71, Brussels

Chalet Robinson Sentier de l'Embarcadère 1. Brussels

06 JUNE

Annual Conference 'The Power of Heat' COGEN Europe

09:00-17:00

Steigenberger Wiltcher's Hotel Avenue Louise 71. Brussels

ManagEnergy Talk
ManagEnergy

18:15-19:45

Residence Palace Rue de la Loi 155, Brussels

07 JUNE

Networking Event 'Inspiration & Innovation' ManagEnergy

09:00-14:00

De Markten cultural centre (Spiegelzaal, Mirror room) Oude Graanmarkt 5, Brussels



JOIN US LIVE! #EUSEW18

INFORMATION POINTS

- **Information kiosks** are available at the conference.

 They provide information directly to your email account by simply swiping your badge.
- ◆ Touchscreens are available for consultation throughout the venues. They contain interactive content on #EUSEW18.

This is part of our continued effort to print less for a more sustainable Europe.



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