





Event at a glance

- 4 days
- 500+ poster and oral presenters
- 2,000+ conference delegates
- 1,400 exhibitors
- 35,000 visitors





General event theme



Breaking new ground





4 day themes

Day 1

Sector coupling and electrification



Digital wind and new technologies

Day 3

The wind industry in a merchant environment

Day 4

New markets, new frontiers: the long term outlook







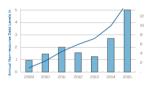




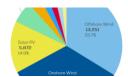






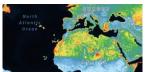




















Day 1







Sector coupling and electrification

Sector coupling track

Introduction > NEW 4.0			
Electrifying heating and cooling in buildings	Coupling gas and electricity infrastructure		
Electrifying industrial processes	Ensuring short-term flexibility and long- term adequacy of the energy system		
Electrifying transport	The role of TSOs and DSOs in electrification and sector coupling		

Partners: EASE, HydrogenEurope, EHPA, BDEW, VKU, SmartEN, ENTSO-E, eurelectric





EUROPE'S ENERGY SYSTEM	TODAY	2050 Accelerated Electrification	2050 Paris-compatible
ELECTRIFICATION RATES OF ELECTRIFICATION	24%	51%	62%
Industrial Processes	444 +44444 36%	444444444 62%	44444444 86%
Transport	*********	444474444 48%	44444+4+4 51%
Buildings	44444444 36%	444444444 48%	44444444 64%
ENERGY DEMAND	13,098 TWh/year	-30% 9,173 TWh/year	-33% 8,820 TWh/year
ENERGY-RELATED EMISSIONS		-74%	-90%







Day 1









Sector coupling and electrification

Electrifying industrial processes



Dirk Rosenstock



Mikael Nordlander



Danielle Merfeld **Chair**



Hans De Keulenaer **Chair**









Day 1









Sector coupling and electrification

Electrifying heating and cooling in buildings



Helge Vandel Jensen



Thomas-Tim Sävecke



Marie Hélène Laurent



Thomas Nowak **Chair**













Day 1 Sector coupling and









Sector coupling and electrification

Electrifying transport



Jens Winkler



Oliver Weinmann



Juliette Antoine-Simon



Adrian Timbus **Chair**











THANK YOU

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