



EUROPEAN **YOUTH** PARLIAMENT

## NEWSLETTER #4, 2017

Dear Power Shifters, EYPers,

We are almost half way through the year 2017 and Power Shifts has a lot to report.

Last month, 5-7 May, 2017 all Officials Teams of the third and final Power Shifts Academic Forum have gathered in Berlin to brainstorm on the concept of your unforgettable energising Heidelberg experiences.

Major European energy influencer, France, has received a new President. While Mr. Macron shapes his opinion on the further energy of France, we asked Mrs. Brigitte Zypries, Power Shift Patron and recent Minister of Economics and Energy on her challenges at the office.

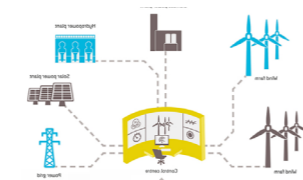
In Davos, a home to the **World Economic Forum**, a major meeting of world politicians and business leaders, new research on energy game changers was released, outlining new trends in energy development on top of our familiar 3Ds (de-carbonisation, digitalisation (see the infographics) and decentralisation). New energy sources, mobility, and industry fragmentation are set to disrupt the system.

Download the full World Economic Forum research paper, Game changers in the energy system: [Emerging themes reshaping the energy landscape \(PDF-2.87MB\)](#).

And yes, energy is getting dynamic! As scale in some areas diminishes in importance, agility takes precedence. With so many players interacting in so many different ways in so many different locations, it is harder than ever to predict the future. Local differentiation carries increasing competitive weight. The speed and scale of change in the energy system will depend on the pace of technological advancement—in establishing cheaper, more efficient power storage, for example—and on government policies and regulation. Unless system participants start to plan now, they could find themselves left adrift.

Now, you could get your own digital power plant and operate it. If you feel like practising check the online game on PP management [HERE](#).

Enjoy the energy!  
Sincerely yours, Steering group



### Virtual Power Plants

Smart Power Trading



### Interview

Project Patron  
Brigitte Zypries



### Digitalisation

Some Basics

### Infobox Energy Agency France (ADEME)

ENERGY EFFICIENCY: THE PROGRESS NEEDS FURTHER ACCELERATION

Currently, 70% of global energy use has no energy performance requirements, essential in the fight against global warming.

In order to encourage the increase of energy efficiency actions and policies in Europe, ADEME has also published the brochure Energy efficiency in Europe: overview of policies and good practices. This document lists all the measures implemented in the member States by industries that are major energy consumers, and highlights the more relevant and significant actions undertaken.

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### Infobox Energy Agency Germany (DENA)

NO ENRTY TRANSITION WITHOUT ENERGY EFFICIENCY

Our current level of energy consumption must be halved as quickly as possible. And it is imperative to satisfy this demand using regenerative energy sources that protect our climate and environment. The energy transition will be more successful if we use electricity, heat and fuel efficiently. The Action Plan has three main objectives: To increase energy efficiency in buildings. To establish energy efficiency as a profitable investment and a business model. To increase a sense of personal responsibility for energy efficiency. German National Energy Efficiency Action Plan.

Dena shows how businesses can increase their energy efficiency by utilising waste heat, and by using renewable energy for process heat. Through energy-efficient technology, companies save on energy costs and increase their competitiveness.

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### Infobox Energy Agency Poland

ENERGY EFFICIENCY IN BUILDINGS

Main topic on current Polish ministerial agenda is the energy efficiency in buildings. Poland amended its national regulation, effective on 1 January 2017, setting new standards for energy efficiency in buildings in line with the EU Directive 2012/27/UE. One of the main aims is to make the transition towards nearly zero energy buildings (both of public administration and private) possible by 2020.

The Ministry of Energy points also on providing the European Commission with a 4th updated version of the National Plan for Energy Efficiency (in Polish) by 2017. On the other hand, the URE (Polish Energy Regulatory Office) [reminds \(in Polish\)](#) the entrepreneurs of an obligation to provide the energy efficiency audits for 2016.

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