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## Poland - an engine of low-carbon heating technologies growth in the EU

The individual heating sector has great potential for emission reduction and development of energy efficiency and RES in heating sector. It should be taken into account during the debate on the final shape of the European Green Deal, as well as the implementation of EU environmental and climate policy.

The largest congress of the heat pump industry in the European Union was held in Kielce on 27 February. The event organized by the Polish Organisation for the Development of Heat Pump Technology (PORT PC) was attended by over 600 people. **Thomas Nowak, Secretary General of the European Heat Pump Association (EHPA)**, appreciating the Polish heating modernization program, noted that - *Poland can be an engine of growth for heat pumps in Europe.* **Piotr Woźny, Plenipotentiary of Polish Prime Minister for the 'Clean Air' Programme**, spoke about future changes in the programme and the need for its compliance with the requirements of the so-called "Fast Track" programme for heating devices of the National Centre for Research and Development - *According to the current project, the intensity of co-financing of low-emission heating technologies in the "Clean Air" programme will be linked to the reduction of emissions from heating devices. According to the principle that the lower the emissions and the higher the efficiency of solutions, the higher the subsidy intensity.* **Paweł Lachman, President of PORT PC**, said - *Decarbonisation of the heating and cooling sector is a necessary step to achieve ambitious climate and energy goals of the European Union. Heating and cooling accounts for half of total final energy consumption in the Union and it is the largest energy-intensive sector. The current approach to this sector can be described as "ignoring the elephant in the room".* **Jerzy Buzek, Member of the European Parliament and rapporteur of the EP's Committee on Industry, Research and Energy (ITRE) on the Just Transition Fund Regulation**, stressed in a video message to the participants of the Congress - *Currently there are only three technologies based on renewable energy sources (RES) available for heating homes. These are biomass heating boilers, thermal solar collectors and various types of heat pumps. Heat pumps play an increasingly important role due to their great potential to improve energy efficiency and increase the share of renewables. It perfectly fits in with the ideas of Smart City, as well as to the European Green Deal.*

Role of heat pumps for heating building is becoming the equivalent of electric cars' role in transport. In cities where a lot of waste heat is generated, e.g. from sewage systems or industrial plants, they can be used in heating systems, also in buildings, where the heating network does not reach, combining with prosumer renewable power generation, i.e. production and consumption of own electricity generated from photovoltaic installations.

More: <http://portpc.pl/kongres/>