

**Course:** Industrial emissions

**Lectures:** The history of the "fight" with CO<sub>2</sub>. Role of the United Nations, COP. Kyoto Protocol. EU policy on emissions. Climate and energy package I. Global CO<sub>2</sub> balance. Climate and energy package II. Activities of the United States, China, India and other countries to minimize CO<sub>2</sub> emissions. Industrial emissions. Directives 1996/61 / EC (IPCC), 2001/80 / EC (LCP). Directive 2010/75 / EC (IED). BREF for LCP. BAT conclusions. Directive 2015/21 / EC of 25 November 2015 (MCP). Consequences for Poland. EU climate policy, Directive 2003/87 / EC establishing a system for trading greenhouse gas emissions in the EC. EU ETS - three stages, KOBIZE. Derogation. The impact of the costs of emission permits on the price of energy. CO<sub>2</sub> sequestration. Directive 2009/31 / EC on the geological storage of carbon dioxide (CCS). CCS costs. Poland's activities in the field of CCS. Act of 27 September amending the Geological and Mining Law (storage only as a demonstration project). The effects of the EU issuing policy for the Polish economy. CO<sub>2</sub> emissions and smog. "Fight" for clean air in Polish government programs. The impact of industrial emissions on the health of the society.

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**More info:**

<https://webapps.uz.zgora.pl/syl/index.php?/course/showCourseDetails/1241173>