



RELOS3

Interreg Europe



European Union
European Regional
Development Fund

Marshal Office of Wielkopolska Region
Michał Ptaszyński



Wielkopolska
Hydrogen direction

Policy change:



- **The approval of the non-competitive project under the Regional Operational Programme for Wielkopolskie Voivodeship 2014-2020 – date 24.09.2020**

„Construction of a support system for high-quality R & D & I projects, in particular those developing low and zero emission technologies, with the focus on hydrogen”

This project aims to create the foundations for the entrepreneurs and scientific and industrial consortia developing new innovative projects with commercial potential based on low and zero emission technologies, with particular emphasis on hydrogen.

- **The approval of new RIS 2030 by Wielkopolska Region – date 29.12.2020**

The horizontal objective No. 1 in the new document is the development of areas of smart regional and sub-regional specializations and key supporting technologies (taking into account the sub-regional approach, which was missing in the previous RIS3). Moreover, the new RIS 2030 makes the development of a zero-emission economy with an emphasis on hydrogen one of the operational goals.

Policy change/Impact:



Stakeholders/RELOS3

- **The City of Piła, GWDA Piła** - planned investments in zero emission urban transport and necessary infrastructure (letter of intent with PKN Orlen for development of ecological public transport based on hydrogen powered drives). The municipal company GWDA is interested in introducing hydrogen technologies in municipal economy (the project of "Zielone Wzgórza" housing estate).

Collaborating partners/Wielkopolska Hydrogen Platform

- **The City of Poznań** - application for the purchase of 84 hydrogen buses and hydrogen filling stations. Signing of the first grant contracts is planned for the end of 2021.
- **The City of Konin** aspires to be a Polish leader in the use of hydrogen. Power Plant Complex Pałnów-Adamów-Konin JSC - in 2020 signed a contract with Hydrogenics Europe N. V for purchase of electrolyzer HyLYZER 1000-30 for production of hydrogen. Hydrogen will be produced thanks to energy from biomass. In 2020, an investment in the construction of a hydrogen refueling station was announced. The H2Station will be supplied by NEL at a total cost of €3.2 million.

Relos 3 Partner

- **Wielkopolska Region** - has applied for funding under the National Reconstruction Program for the purchase of, among others, 12 new hydrogen-powered vehicles for regional and agglomeration

The project "„Construction of a support system for high-quality R & D & I projects, in particular those developing low and zero emission technologies, with the focus on hydrogen”

**- implementation of the Regional Action Plan for Wielkopolska-
Economic transformation of the Wielkopolska subregions – direction
hydrogen**

December 2019 - start of implementation of the non-competitive project: "Building a system of support for high-quality R&D&I projects, in particular developing low- and zero-carbon technologies, with a Focus on hydrogen" (Measure 1.2, Regional Operational Programme for Wielkopolskie Voivodeship 2014-2020)

Implementation time: XII 2019 – 2023

The project has a research character, its aim is to incubate and support high quality R&D&I projects based on hydrogen technologies.

We support entrepreneurs and scientific institutions in the process of developing innovative projects in the area of zero and low carbon technologies. An integral part of the project are activities aimed at stimulating cooperation between companies and science and other actors of the regional innovation system within the Entrepreneurial Discovery Process (EDP)

Process



Project activities:

- development of 3 strategic and analytical documents enabling the construction of business ecosystem based on hydrogen solutions
- events promoting the idea of climate neutral economy under the slogan **"Wielkopolska for Planet 2050":**
 - Startup Day
 - Hydrogen Conference
 - Roadshow
 - Hydrogen School
 - Wielkopolska H2 Showroom
 - Wielkopolska Hydrogen Platform

In the first half of 2021 it is planned to develop an analysis „Opportunities for Wielkopolska economy in the implementation of the strategy Clean Planet for All", the organization of the Startup Day and initiation of proceedings within the tasks Hydrogen School, Hydrogen Conference.

Wielkopolska Hydrogen Platform

Wielkopolska Hydrogen Platform - a platform for cooperation between business, science, local government and non-governmental organizations and citizens.

The Platform is an opinion-making and advisory body of the Wielkopolska Region.

The Platform fosters effective connection and use of potential of its associated entities for the benefit of low and zero emission economy.

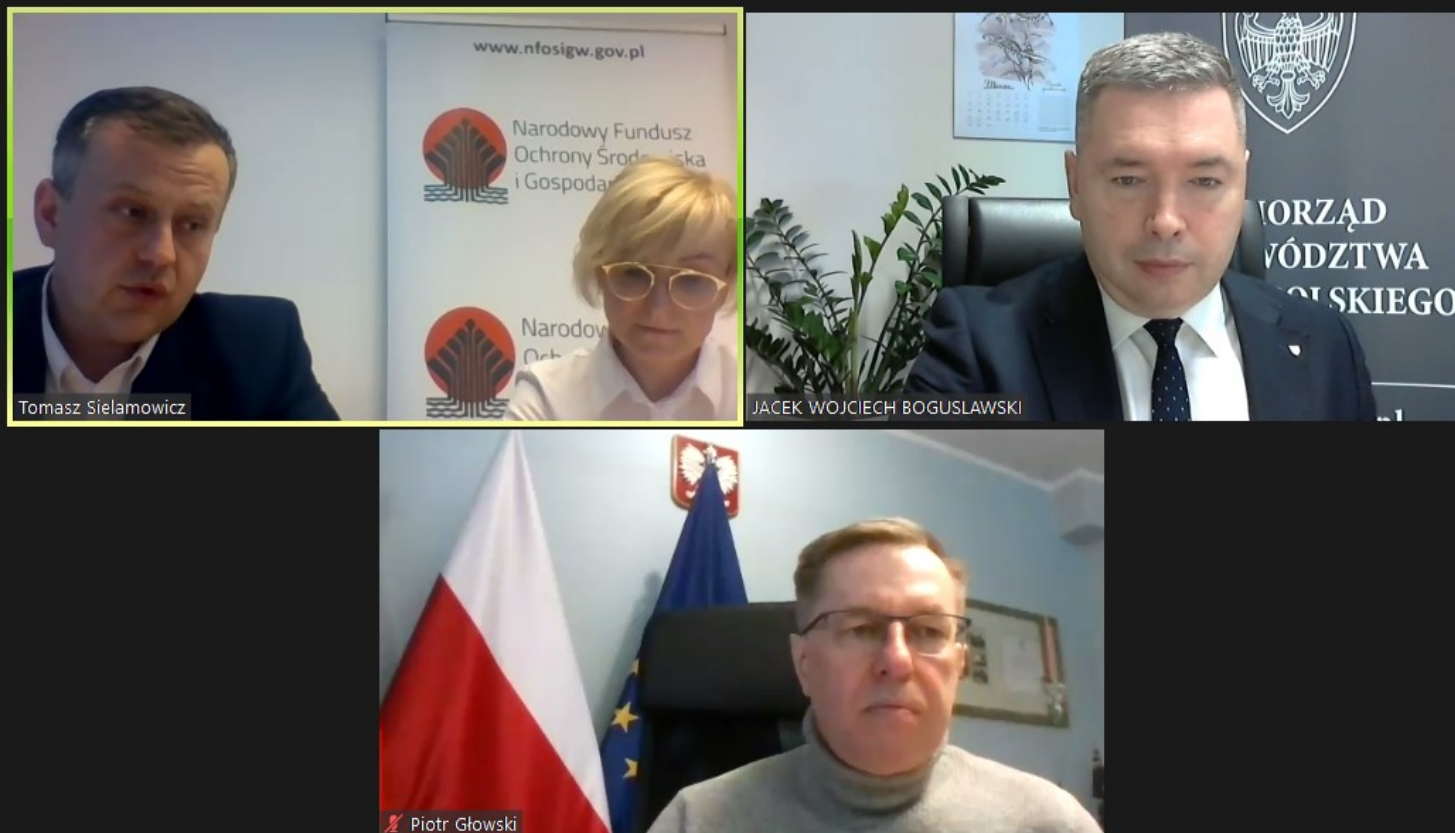


Wielkopolska
Hydrogen direction

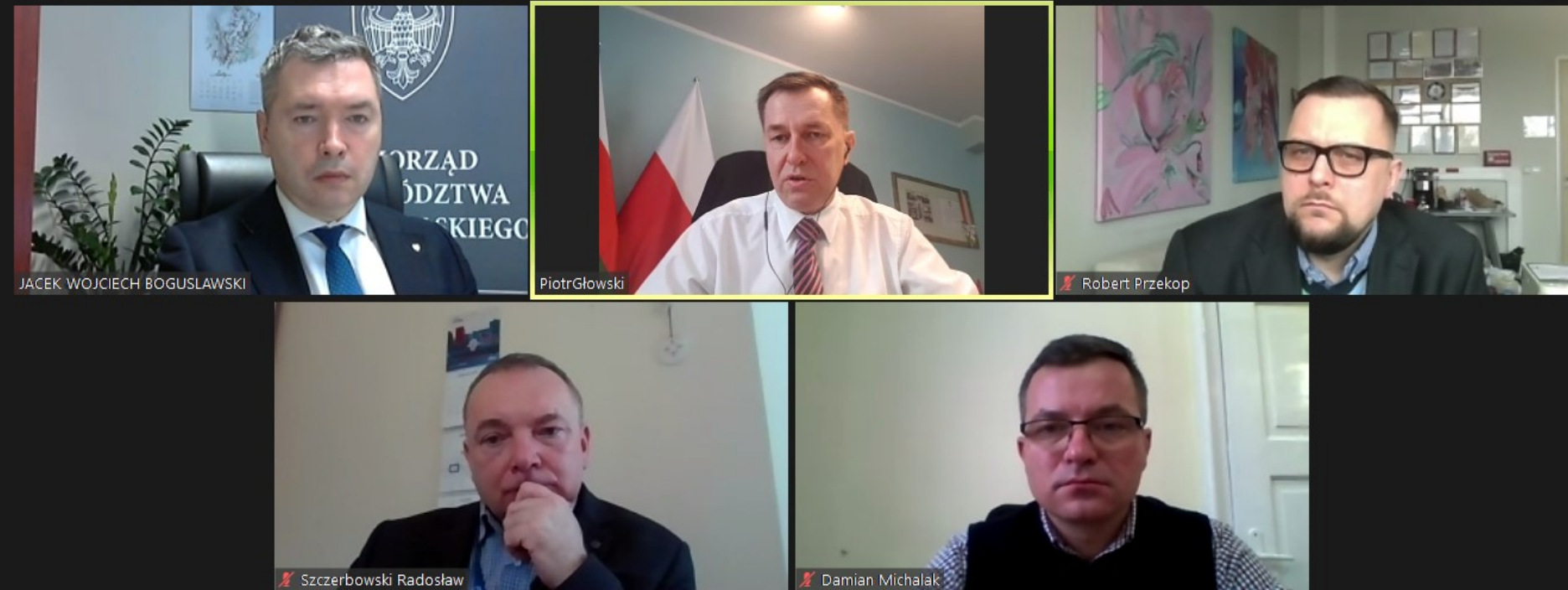
Wielkopolska Hydrogen Platform



Wielkopolska Hydrogen Platform



Wielkopolska Hydrogen Platform

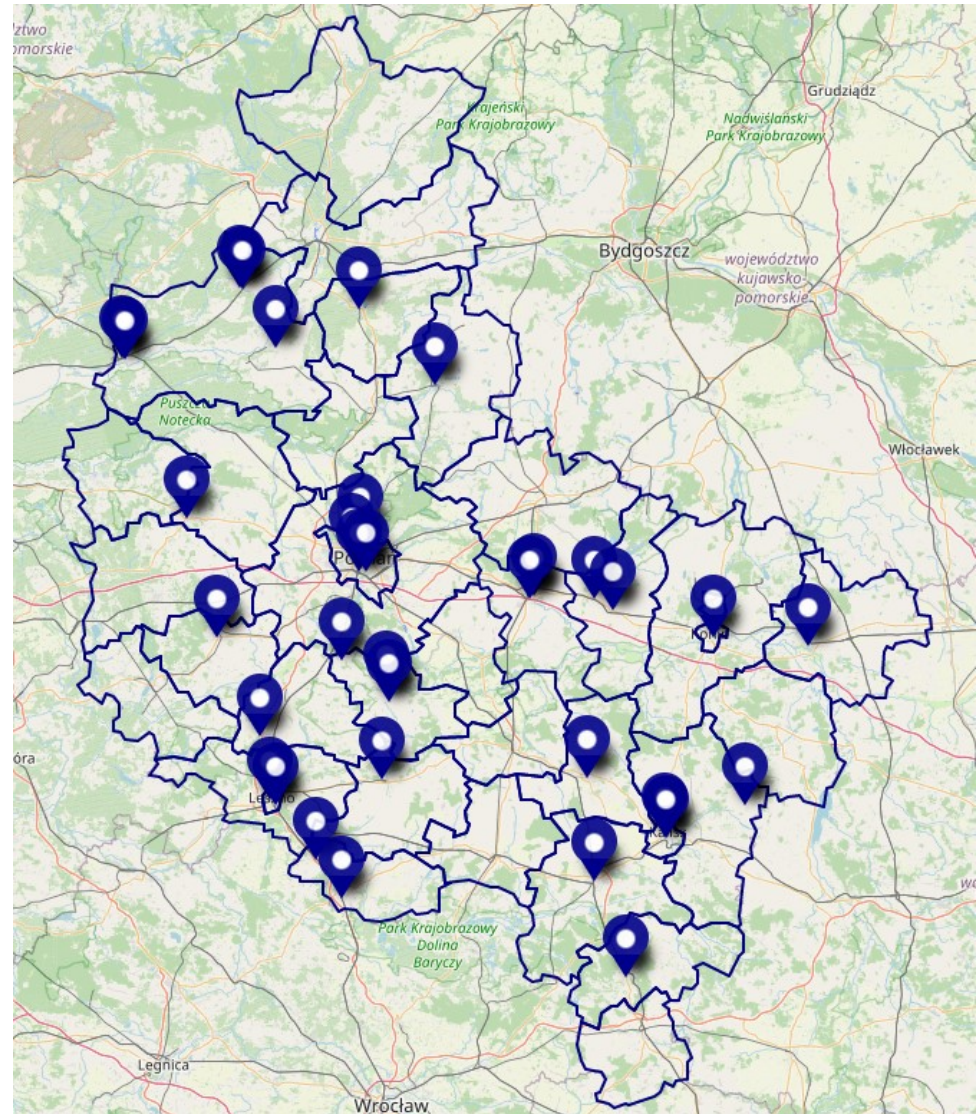


Hydrogen School

Cooperation with high schools and universities in Wielkopolska - education in the field of low carbon, hydrogen economy

We provide:

- Educational materials for teachers
- On-line training for teachers



Regional Action Plan status

- **The global supply and value chain of the hydrogen economy** - analysis of the state of the hydrogen economy globally with identification of the largest players in the supply chain and value of hydrogen technologies- analysis completed March 2021.
- **Startup Day** - event to be held on May 31, 2021.
- **Hydrogen School** - start developing educational materials for high schools and universities. The task is expected to be completed in September 2021. Signing 37 agreements with schools and 8 with universities.
- **Organization of meetings of the Wielkopolska Hydrogen Platform** - by May 2021
6 meetings of the Wielkopolska Hydrogen Platform were held

Problems with RAP implementation

- **The negative impact of the COVID-19 pandemic on the functioning of public life**, i.e. restrictions on movement, gathering and direct business contacts, problem with involvement of the target audience of the events e.g. SME, pupils and students, uncertain situation of tender contractors.
- **the development of a hydrogen economy is a future-oriented direction, but one that requires significant investment, time and strategic action** - too risky for many SMEs, which have been further affected by the negative effects of the pandemic
- Tasks that were possible to implement in online form were held or will be held in online form, e.g. meetings of the Wielkopolska Hydrogen Platform, Starup Day.
- **Due to the prevailing epidemiological situation some of the assumed activities, e.g. organization of the Roadshow was postponed for the next years of the project, the number of events such as: start-up day and the hydrogen conference was also limited**



Wielkopolska

Kierunek wodór

Successes of RAP

The project has a positive impact on supporting the development of low-carbon economy in the region through:

- **Increasing awareness of hydrogen economy topics among local stakeholders** (e.g., local governments) that include the use of hydrogen technologies in their plans/strategies
- **establishing contacts with national and foreign experts** - increasing competence of human resources in the field of low-carbon economy, including hydrogen
- **Promotion of the region's activities and creating a positive image of Wielkopolska as a responsible partner in the field of EU climate policy**, e.g. through participation in the debate on national strategic documents (Wielkopolska Hydrogen Platform), organization of meetings, social media campaigns, dissemination of knowledge via iw.org.pl and h2wielkopolska.pl

Szukaj...



WSZYSTKO (200)

WODÓR (41)

TARGI (68)

ZAPYTANIE OFERTOWE (4)



7 Maja 2021 | Targi
Nabór Uzupełniający Na Wystawę Marki Wielkopolska Na Space Tech Expo Europe

Urząd Marszałkowski Województwa Wielkopolskiego ogłasza nabór uzupełniający na wystawiennicze stois...



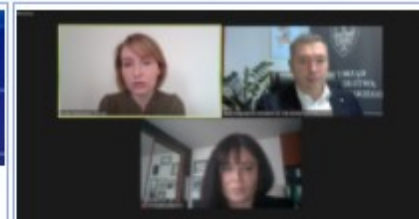
7 Maja 2021 | Targi
Wielkopolska Trade Office – Zapraszamy Wielkopolskich Przedsiębiorców Do Kontaktu!

Wielkopolska Trade Office (WTO), działa w ramach Departamentu Gospodarki i jego głównym zadaniem je...



7 Maja 2021 | Forum ,Konferencja ,Webinarium
Webinarium "LOGISTYKA ORAZ E-COMMERCE NA STYKU RYNKÓW EUROPY ŚRODKOWEJ I WSCHODNIEJ"

Szanowni Państwo, Departament Gospodarki zaprasza na cykl bezpłatnych wydarzeń online, pt. „MOŻLIWO...



30 Kwietnia 2021 | Webinarium ,Wodór
Badają I Analizują

Podczas dzisiejszego posiedzenia Wielkopolskiej Platformy Wodorowej zaprezentowany został Krajowy ...



27 Kwietnia 2021 | Forum ,Konferencja ,Webinarium
Zaproszenie Do Udziału W Wydarzeniu Online



27 Kwietnia 2021 | Targi
Nabór Na Wystawę Marki Wielkopolska Na Space Tech Expo Europe



H2 >>>> Wielkopolska

Postaw na innowacje i dołącz do globalnego rynku gospodarki opartej na wodorze.

Projekt „Gospodarna 2050 – H2Wielkopolska” to szansa dla wielkopolskich przedsiębiorców na rozwój swojego biznesu.

Dołącz do wodorowej rewolucji!

[O projekcie](#)

linkedin.com/h2wielkopolska

facebook.com/h2wielkopolska

LinkedIn post interface for "Projekt Gospodarna 2050 - H2Wielkopolska". The post is published by Magdalena Kaczmarek on 31.12.2020. The content includes a "HAPPY NEW YEAR" graphic with a hand moving a block from '2021' to '2020' and the website www.h2wielkopolska.pl. The post has 436 views and 1 month of activity.

Facebook page for "H2Wielkopolska - hydrogen direction". The page features a blue header with the H2 logo and the text "Wielkopolska Kierunek wódor" and "www.h2wielkopolska.pl". Below the header is a navigation bar with logos for Fundusze Europejskie, Rzeczpospolita Polska, and Unia Europejska. The main content area includes a "Strona główna" tab, a map of Poznań, and a post from 5 lutego 2021 about the Polish Hydrogen Strategy.



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Thank you!

Questions welcome