

ADVERTISER FORM

INSTITUTION: Łukasiewicz Research Network – Institute of Electrical Engineering

CITY: Warsaw

POSITION: Manager – Chief Specialist at the Hydrogen Technology and Catalysis Research Laboratory

SCIENTIFIC DISCIPLINE: Chemical engineering

DATE OF ANNOUNCEMENT: 03.09.2026.....

APPLICATION DEADLINE: 17.09.2026.....

WEBSITE LINK: Careers – Łukasiewicz – Institute of Electrical Engineering

KEYWORDS: Hydrogen technologies

DESCRIPTION (subject matter, expectations, remarks):

Manager of the Hydrogen Technology and Catalysis Research Laboratory (Research Division)

Job Description:

The Łukasiewicz Research Network – Institute of Electrical Engineering is a leading Polish state-owned research institute specializing in cooperation with the industry regarding the design, construction, and operation of electrotechnical equipment. More information is available at: www.iel.lukasiewicz.gov.pl

The Łukasiewicz Research Network – Institute of Electrical Engineering offers unique opportunities for professional development and active engagement in building a positive brand image and participating in R&D activities aimed at bridging the gap between science and the economy.

1) Workplace: Łukasiewicz Research Network – Institute of Electrical Engineering,

ul. Pożaryskiego 28, 04-703 Warsaw;

2) Position title: Chief Specialist (Research Division) – Manager of the Hydrogen Technology and Catalysis Research Laboratory;

3) Number of vacancies: 1;

4) Employment type: Full-time;

5) Job/working conditions description: Work performed in an office environment with natural and artificial lighting. Office work involving screen-based tasks for more than 4 hours daily.

Application deadline: September 17, 2026. We will contact only selected candidates. The employer reserves the right to conclude the process without selecting a candidate and to extend the application deadline. Information regarding the application process will be posted on the Institute's website. Further information is available at www.iel.lukasiewicz.gov.pl and via email at praca@iel.lukasiewicz.gov.pl.

Day-to-day responsibilities:

- 1) Leading and developing the Research Group in the field of hydrogen production and processing technologies;
- 2) Initiating and coordinating research and development projects (national and international, including Horizon Europe);
- 3) Building and developing project consortia (academic and industrial partners);
- 4) Providing technical oversight of research activities and ensuring high-quality results;
- 5) Developing research concepts, grant proposals, and project reports;
- 6) Managing the research team (recruitment, mentoring, skills development);
- 7) Overseeing research infrastructure and equipment;
- 8) Collaborating with industry on the implementation and commercialization of results;
- 9) Publishing research findings in reputable scientific journals and representing the Research Group at scientific conferences;
- 10) Representing the unit in national and international expert bodies.

Additional requirements:

- 1) Education in engineering-technical or exact sciences (e.g., chemical technology, chemical engineering, materials engineering, energy engineering, or related fields) is welcome;
- 2) Experience in executing R&D projects funded by national or international sources;
- 3) Experience in preparing technical proposals and cost estimates for research services;

- 4) Experience collaborating with companies in the energy, chemical, petrochemical, biogas, or district heating sectors, or in industrial decarbonization;
- 5) Experience in designing or developing technologies for biogas plants, CHP plants, chemical plants, hydrogen producers, or other industrial clients;
- 6) Experience in developing new research methods and implementing them into laboratory operations;
- 7) Experience in preparing technical documentation and acceptance documentation for research setups and installations;
- 8) Knowledge of material characterization methods (e.g., SEM, XRD, BET, FTIR, Raman, DSC, TGA);
- 9) Experience in modeling and simulating chemical, catalytic, or electrochemical processes (e.g., MATLAB, COMSOL Multiphysics, ANSYS);
- 10) Knowledge of data acquisition systems, industrial automation, and SCADA systems;
- 11) Experience in scaling up technologies from laboratory to pilot or demonstration scale;
- 12) Knowledge of Life Cycle Assessment (LCA), techno-economic assessment, and technology commercialization; 13) Completed training courses or certifications in laboratory management, project management, quality management, or occupational safety;
- 14) Documented scientific track record, achievements in implementation, or patent applications.

Benefits:

- 1) Stable employment based on an employment contract;
- 2) On-site employee parking;
- 3) Access to preferential insurance plans: medical (with employer co-financing) and life insurance;
- 4) Sports card;
- 5) Vacation subsidy;
- 6) Flexible start time within a designated window;
- 7) Professional development.

<https://system.erecruiter.pl/FormTemplates/RecruitmentForm.aspx?WebID=dcd080854a4b4309922e3d18eba87c9f>

