

## FORM FOR EMPLOYERS

INSTITUTION **The Łukasiewicz Research Network – Electrical Institute**

CITY **Warsaw**

POSITION **Chief specialist/Chief specialist/X in the Hydrogen Acquisition and Processing Research Group**

DISCIPLINE **Hydrogen Acquisition**

POSTED 23.06.2026 r.

EXPIRES 07.07.026 r.

WEBSITE

<https://system.erecruiter.pl/FormTemplates/RecruitmentForm.aspx?WebID=ee8e00ca360042a2bc62c4a0d9baa45f>

KEY WORDS **hydrogen acquisition**

DESCRIPTION (field, expectations, comments):

### **Chief specialist/Chief specialist/X in the Hydrogen Acquisition and Processing Research Group**

#### **Job Description:**

The Łukasiewicz Research Network – Electrical Institute is a state-owned legal entity, a leading entity in Poland in the field of cooperation with industry, engaged in the design and improvement of manufactured and operated electrical products. More information can be found on the official website: [www.iel.lukasiewicz.gov.pl](http://www.iel.lukasiewicz.gov.pl)

The Łukasiewicz Research Network – Electrotechnical Institute offers unique opportunities for professional development and taking on professional challenges, contributing to the creation of a positive brand image, and working in research and development services focused on building a bridge between science and industry.

- 1) Location: Łukasiewicz Research Network – Electrotechnical Institute, ul. Pożaryskiego 28, 04-703 Warsaw;
- 2) Position Title: Chief Specialist/Chief Specialist/X in the Hydrogen Acquisition and Processing Research Group;
- 3) Number of vacancies: 1;
- 4) Employment hours: full-time;

5) Position description/working conditions: Rooms and workstations lit with natural and artificial light. Office work at a display screen for more than 4 hours per day, work in the specified region.

Interested candidates are asked to apply via the application button by July 7, 2026. Only selected candidates will be contacted. The employer reserves the right to close the recruitment process without selecting a candidate and without providing a reason, and to extend the application deadline. Information about the recruitment results will be announced on the Institute's website. Additional information is available on the website [www.iel.lukasiewicz.gov.pl](http://www.iel.lukasiewicz.gov.pl) or by email at [praca@iel.lukasiewicz.gov.pl](mailto:praca@iel.lukasiewicz.gov.pl).

### **Daily Responsibilities:**

- 1) Initiating and coordinating research and development projects (domestic and international, including Horizon Europe);
- 2) Building and developing project consortia (scientific and industrial partners);
- 3) Providing substantive oversight of ongoing research and ensuring high-quality results;
- 4) Developing research concepts, grant applications, and project reports;
- 5) Supervising the research infrastructure and equipment under the Research Group's control;
- 6) Establishing collaboration with industrial entities in securing contracts, implementing, and commercializing the CTW's work;
- 7) Publishing research results in reputable scientific journals and representing the Łukasiewicz-IEL at scientific and industry conferences;
- 8) Representing Łukasiewicz-IEL in national and international expert bodies.

### **Requirements:**

- 1) PhD and 2 years of experience in research and development, or a master's degree and 3 years of experience in research and development, including participation in research projects;
- 2) Proven experience in electrochemical research regarding:
  - water electrolysis (alkaline, PEM, AEM, or high-temperature);
  - HER and OER reactions;
  - durability and degradation of electrode materials;
- 3) Experience in the design, construction, and optimization of hydrogen production systems;
- 4) Knowledge of hydrogen processing, including:
  - purification and separation;
  - compression and storage;
  - integration with fuel cells;
- 5) Knowledge of hydrogen system integration with renewable energy sources;
- 6) Knowledge of hydrogen safety principles (risk analysis, safety procedures, ATEX requirements);
- 7) Practical knowledge of electrochemical techniques (CV, LSV, EIS, chronoamperometry);
- 8) Ability to design experiments and analyze and interpret data;
- 9) Knowledge of materials characterization methods (e.g., SEM, XRD, BET) at a level enabling research planning and result interpretation;
- 10) Experience in implementing research and development projects (domestic and/or international);
- 11) Experience in preparing grant applications and managing project budgets;
- 12) Ability to report results and achieve project metrics;
- 13) Experience in coordinating the work of a research team;
- 14) Ability to plan team work, set goals, and supervise schedules;
- 15) Mentoring skills for junior staff and interns;
- 16) Proven scientific achievements in the areas of hydrogen technologies,

electrochemistry, or functional materials; 17) Awareness of issues related to critical materials, LCA, and industrial decarbonization;  
18) Ability to think analytically and solve technological problems;  
19) High degree of independence and responsibility for achieving strategic goals;  
20) Excellent command of spoken and written English (minimum B2, preferably C1)  
21) Ability to prepare scientific publications, technical reports, and presentations.

**Additional requirements:**

1) A PhD or a Master's degree in chemistry or engineering is preferred;  
2) 3-5 years of experience in research and development after obtaining the PhD is preferred;  
3) Completed research internships at foreign research centers;  
4) Participation in international projects (e.g., Horizon Europe, Clean Hydrogen Partnership);  
5) Active collaboration with foreign research or industrial institutions;  
6) Experience in successfully securing funding for R&D projects as a project manager;  
7) Participation in developing the research strategy of the institution or research program;  
8) Experience in implementing projects with a high technology readiness level (TRL 4-8);  
9) Participation in the commercialization of research results;  
10) Co-authorship of patents or patent applications; 11) Experience in developing feasibility studies, market analyses, or LCAs for hydrogen technologies;  
12) Experience in electrochemical process modeling (e.g., MATLAB, ANSYS);  
13) Knowledge of process digitalization (data acquisition, monitoring, SCADA systems);  
14) Experience in scaling technologies from laboratory to semi-technical level;  
15) Knowledge of hydrogen storage (sorbent materials, metal hydrides, LOHC);  
16) Experience in preparing documentation for technical acceptance of research installations;  
17) Completion of project management training (e.g., PRINCE2, Agile, IPMA);  
18) Experience in collaborating with industry or implementing projects.

**Benefits:**

1) Stable employment based on an employment contract;  
2) Parking for employees on the institute's premises;  
3) Preferential insurance options: medical (with subsidy) and life insurance;  
4) Sports card;  
5) Subsidized vacation time;  
6) Flexible start times within the permitted working hours;  
7) Professional development.