



## RESEARCH OPPORTUNITY IN SLOVENIA: HYDROGEN AND CARBON CAPTURE

The National Institute of Chemistry in Slovenia is seeking a Postdoctoral Research Associate / Research Assistant Professor to contribute to cutting-edge research at the Laboratory for the Demonstration of H<sub>2</sub> and CO<sub>2</sub> Technologies. The role focuses on hydrogen production, storage, transformation, and carbon dioxide capture within state-of-the-art research facilities.

### Job Responsibilities:

- Conduct, manage, and coordinate research projects
- Prepare scientific articles, reports, and project proposals
- Collaborate with international experts and research partners
- Develop and maintain advanced research equipment
- Supervise research personnel and laboratory operations

### Preferred Expertise:

- Process engineering (single/multiphase flow-through and batch reactor systems)
- Catalysis and electrochemical processes
- Waste valorization
- In-reactor operando spectroscopy (FTIR, Raman, FBRM)

### Position Details:

- Location: Kisovec, Slovenia
- Contract: Temporary until June 30, 2026 (with the possibility of extension)
- Start Date: April 2025 or by arrangement

**Deadline:** March 10, 2025

### How to apply:

Interested candidates are invited to submit their applications to [zaposlitev@ki.si](mailto:zaposlitev@ki.si), marked "for the Researcher D50 – L52." For additional information, contact Gasan Osojnik at [gasan.osojnik@ki.si](mailto:gasan.osojnik@ki.si).

This position offers a unique opportunity to engage in innovative research at the forefront of hydrogen and carbon capture technologies.

Would you like to receive support for your application from St. Joseph University? Please, [fill out this form:](#)