WaterstofNet Delegation to Slovenia (28–29 September 2026)

Delegation: WaterstofNet
Time: 28. in 29. september 2026
Objective:

- exchange of best practices in hydrogen technologies
- presentation of Slovenian projects in hydrogen production, distribution, and utilisation
- identification of potential areas for strategic cooperation (pipelines, logistics, port infrastructure, applications)

DAY 1: 28 SEPTEMBER 2026 – LJUBLJANA – ZAGORJE OB SAVI – HRASTNIK

1. LOCATION: Ljubljana, Stanežiče (Alternative Fuels Refuelling Park, P+R Barje)

Time: 09:00–10:30
Programme:

- Presentation of the refuelling park
- Visit to the hydrogen refuelling station
- Presentation of the planned electrolyser installation (Koseze)
- Discussion:
  - hydrogen supply model for urban mobility
  - refuelling station economics
  - integration of production–distribution–end-user chain

2. LOCATION: Kisovec, Zagorje ob Savi – DUBT Centre (Loke pri Zagorju 14) - organized transportation

Time: 11:00–12:30
Programme:

- Presentation of the DUBT Centre (development, demonstration, and training for carbon-free technologies)
- Guided tour (laboratories, demonstration equipment, training facilities)

Lunch: 12:30–14:30 Restaurant and Pizzeria Naš Hram (Naselje na Šahtu 38, Kisovec)

3. LOCATION: Steklarna Hrastnik (Cesta 1. maja 14, Hrastnik) - organized transportation

Time: 15:00–16:30
Programme:

- Company presentation and decarbonisation strategy
- Presentation of hydrogen-related activities:
  - potential use of hydrogen in melting processes
  - pilot projects
  - energy and cost implications
- Visit production site

Discussion focus with WaterstofNet:

- industrial use of hydrogen in energy-intensive sectors
- hydrogen supply chains for industry
- experience with hydrogen in high-temperature processes
- establishment of institutional cooperation
- transfer of regional hydrogen ecosystem models
- opportunities for joint projects (Interreg, CEF, Horizon Europe)

DAY 2: 29 SEPTEMBER 2026 – ŠOŠTANJ – VELENJE

4. LOCATION: Šoštanj – TEŠ (Šoštanj Thermal Power Plant, Cesta Lole Ribarja 18) - organized transportation

Time: 09:00–11:00
Programme:

- Welcome and strategic context of site restructuring; presentation of existing facilities
- NAHV project objectives:
  - replacement of existing electrolysers
  - transition of energy source
  - shift to low-carbon/renewable hydrogen
  - business model and regulatory framework
- Guided plant tour

Lunch: 12:00–13:30

5. LOCATION: Velenje – NAHV Conference (Hotel Paka, Rudarska cesta 1) - organized transportation

Time: 14:00–17:00
Programme:

- Opening remarks and presentation of the NAHV project with partners
- Presentation by the WaterstofNet delegation:
  - overview of hydrogen activities in Belgium
  - industrial projects
  - cross-border infrastructure
  - support for innovation ecosystems

- Closing meeting and expert discussion:
  - technological solutions for upgrading electrolysis systems
  - standardisation and certification of hydrogen “colour”
  - optimisation of local distribution
  - integration of hydrogen into industrial energy systems

Thematic Focus of Cooperation

1. Hydrogen Pipelines and Transport
WaterstofNet experience in:

- design and construction of hydrogen pipelines,
- repurposing of existing gas pipelines,
- regulatory frameworks and safety standards,
- network operation and management.

Industrial applications: steel, chemicals, logistics, mobility.
Potential follow-up steps:

- technical workshop,
- preparation of a joint feasibility study,
- participation in European hydrogen corridors and projects.
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2. Hydrogen Production and Port Infrastructure
Experience with:

- hydrogen terminals,
- storage solutions (liquid hydrogen, ammonia, LOHC),
- integration into port logistics chains, import/export models.

Knowledge transfer opportunities for Port of Koper, regional distribution in Central Europe.

3. Regulatory, Technical and Financial Framework for Sector Acceleration
Recommendations for hydrogen facility development:

- definition of technical standards and safety requirements,
- selection of appropriate equipment and certified components,
- implementation of engineering best practices in design and execution,
- identification of necessary adjustments in the national regulatory framework to enable more efficient implementation of hydrogen projects.

Recommendations for subsidy programme design:

- phased financing of pilot and demonstration projects,
- support for investments in infrastructure and industrial applications,
- mechanisms to mitigate investment and market risks,
- alignment of national incentives with European funding instruments.

Collaboration in joint development projects:

- formation of consortia for European calls (CEF, Innovation Fund, IPCEI),
- development of cross-border pilot projects,
- strategic partnerships between industry, ports, energy companies, and research institutions.