

MODULE 4

PODCAST 1: MODERN HYDROGEN LOGISTICS MANAGEMENT

QUIZ

Below you'll find multiple-choice test questions that will help you consolidate your knowledge from the podcast "Modern H2 Logistics Management – Trends and Best Practices." Choose the single, most correct answer. Good luck!

Question 1: Which of the following trends contributes most to increasing the flexibility and cost-effectiveness of hydrogen logistics?

- A) Transport of hydrogen gas at low pressure.
- B) Use of traditional natural gas pipelines without any modifications.
- C) Development of hydrogen carriers such as ammonia or LOHC.
- D) Only maritime transport of hydrogen in gaseous form.

Question 2: Which of the following practices is key to effectively managing hydrogen logistics to optimize costs and identify bottlenecks?

- A) Minimizing infrastructure investment costs by not building new facilities.
- B) Maintaining separate management systems for each stage of the supply chain.
- C) Using advanced tools for simulation modeling of the entire supply chain.
- D) Limiting the diversification of hydrogen transport methods to one preferred technology.

Question 3: What is good practice for diversifying hydrogen transport methods?

- A) Transporting hydrogen only in gaseous form at high pressure.
- B) Construction of dedicated hydrogen pipelines for all types of consumers.
- C) Flexible combination of different transport modalities depending on the distance and number of deliveries.
- D) Focus on maritime transport of liquid hydrogen as the only future-proof method.

Question 4: What is the main purpose of investing in hydrogen storage in the context of logistics management?

- A) Only storage of hydrogen in liquid form on the earth's surface.
- B) Ensuring the stability of hydrogen supply regardless of variable production from renewable energy sources.
- C) Using only new and innovative solutions, ignoring proven methods.
- D) Limiting storage to minimal quantities to reduce costs.

Question 5: Why is close cooperation with business partners considered good practice in hydrogen logistics?

- A) Restricting the exchange of information to protect trade secrets.
- B) Building long-term relationships with partners based on trust and transparency.
- C) Focusing solely on the company's internal resources, without involving external entities.
- D) Avoiding public-private cooperation programs in order to maintain independence.

Question 6: What is the Clean Hydrogen Partnership?

- A) An organization that focuses solely on fuel cell research.
- B) A European public-private initiative supporting the development of clean hydrogen technologies.
- C) The agency regulating safety standards for hydrogen transport worldwide.
- D) An investment fund financing hydrogen projects in the Middle East.

Question 7: What is the main focus of the Clean Hydrogen Partnership?

- A) Production of dirty hydrogen from fossil fuels.
- B) Only the development of fuel cell technology for passenger cars.
- C) Supporting research and innovation across the entire hydrogen value chain, from production to end-use applications.
- D) Construction of one central hydrogen factory for the whole of Europe.

Question 8: What is Hydrogen Valley in the context of the Clean Hydrogen Partnership?

- A) A European Union program focusing solely on hydrogen imports from Asia.
- B) A special type of pipeline used to transport hydrogen over long distances.
- C) An integrated ecosystem combining hydrogen production, storage, distribution and use in a specific region.
- D) International conference on hydrogen technologies.

Question 9: Which of the following options is one of the main ways to get involved in the Clean Hydrogen Partnership?

- A) Submission of project applications only by post, no online forms.
- B) Applying for funding under the Horizon Europe Calls for Proposals.
- C) Only participation in paid training courses organized by the Partnership.
- D) Limiting yourself to observing announcements on the websites of other organizations.

Question 10: What are the benefits of joining Hydrogen Europe or Hydrogen Europe Research in the context of the Clean Hydrogen Partnership?

- A) Access to exclusive information and networking.
- B) Gain exclusive access to all member companies' production data.
- C) The ability to impose your own safety standards without consultation.
- D) Receiving guaranteed funding for every submitted project.

ANSWER KEY

1.C / 2.C / 3.C / 4.B / 5.B / 6.B / 7.C / 8.C / 9.B / 10.A /

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