



**SMART
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Interreg Europe

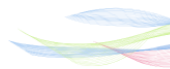
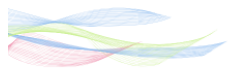


Decarbonising the industry: *Hydrogen fuel cell forklift demonstration project*

Pannon Business Network, Hungary

SMART-HY-AWARE_ Final Conference 20th June 2023, Brussels

Policy background_Szombathely 2030 strategy_



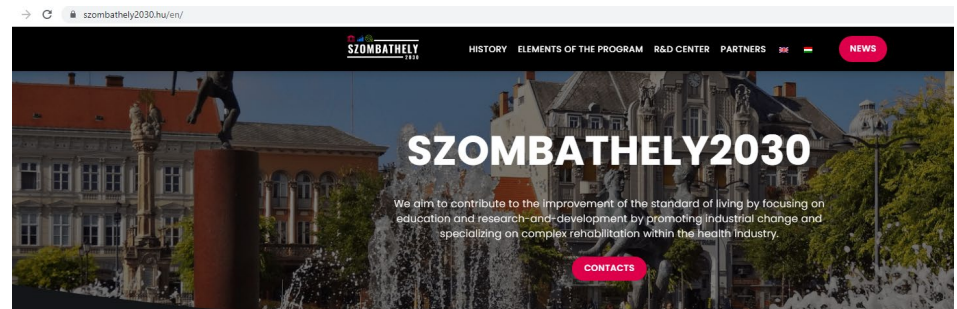
SZOMBATHELY2030

A VÁLSÁGÁLLÓ TUDÁSGAZDASÁG MEGTEREMTÉSÉÉRT



Készítették:

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Vision – Szombathely2030

Contribute
to the improvement of the standard of living
in Szombathely and its region

Objective Overview of Szombathely2030

Promoting industrial change

1.1. Supporting added value growth of current employers

1.2. Attracting health-industrial businesses

1.3. Ensuring infrastructure – traffic and industrial site infra development

Green, intelligent city

2.1. Strengthening the circular economy

2.3. Urban heat map and nature-based solutions

2.2. Water management

2.4. Promotion of green transport

2.5. Smart city solutions

Hydrogen fuel cell forklift demonstration

Objectives:

- **Demonstrate a hydrogen fuel-cell forklift at a regional logistics company**
 - **Industrial players will have the opportunity to widen knowledge in hydrogen technologies**
 - Further regional companies utilise hydrogen applications (e.g: fuel-cell forklift in production/logistics) in their premises further increasing the experience,
 - **The increase of the hydrogen demand is also expected from industrial players.**
 - influence policy makers to apply hydrogen related projects
- Strategy.

Contribute to the hydrogen measures of the SZOMBATHELY 2030

Hydrogen fuel cell forklift demonstration

Implementation/results:

- Demonstration was held on **17th May 2023 at a regional company**
- **Nearly 30 participants:**
 - company/policy representatives
 - university students

3 presentations:

- *Hosting regional company* → their current activities as well as, plans towards sustainability and green transformation
- *PBN* → the lessons learnt in the SHA project; main outcomes of the Szombathely Hydrogen Strategy which PBN prepared for the city of Szombathely in November 2022.
- *Linde Material Handling*: their portfolio focusing on the technical details of the fuel-cell forklift



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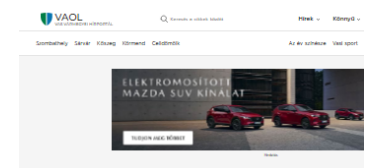


Linde Material Handling
Linde

Hydrogen fuel cell forklift demonstration

Implementation/results:

- **Press conference was held**
 - presenters from the 3 companies + local policy stakeholders
- **Practical demonstration**
 - the forklift was demonstrated in the warehouse of the hosting company
 - The expert of Linde showed the different part of the forklift focusing on the hydrogen fuel cell, and it was also operated by a forklift driver
- **Follow-up articles in local media**





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European Union
European Regional
Development Fund

Thank you!

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Questions welcome



Project smedia