



REPUBLIC OF SLOVENIA
MINISTRY OF INFRASTRUCTURE



Cyprus, Greece, Hungary, Lithuania, Poland, Slovenia

Accelerating Hydrogen Ecosystem

Webinar, December 7 2022

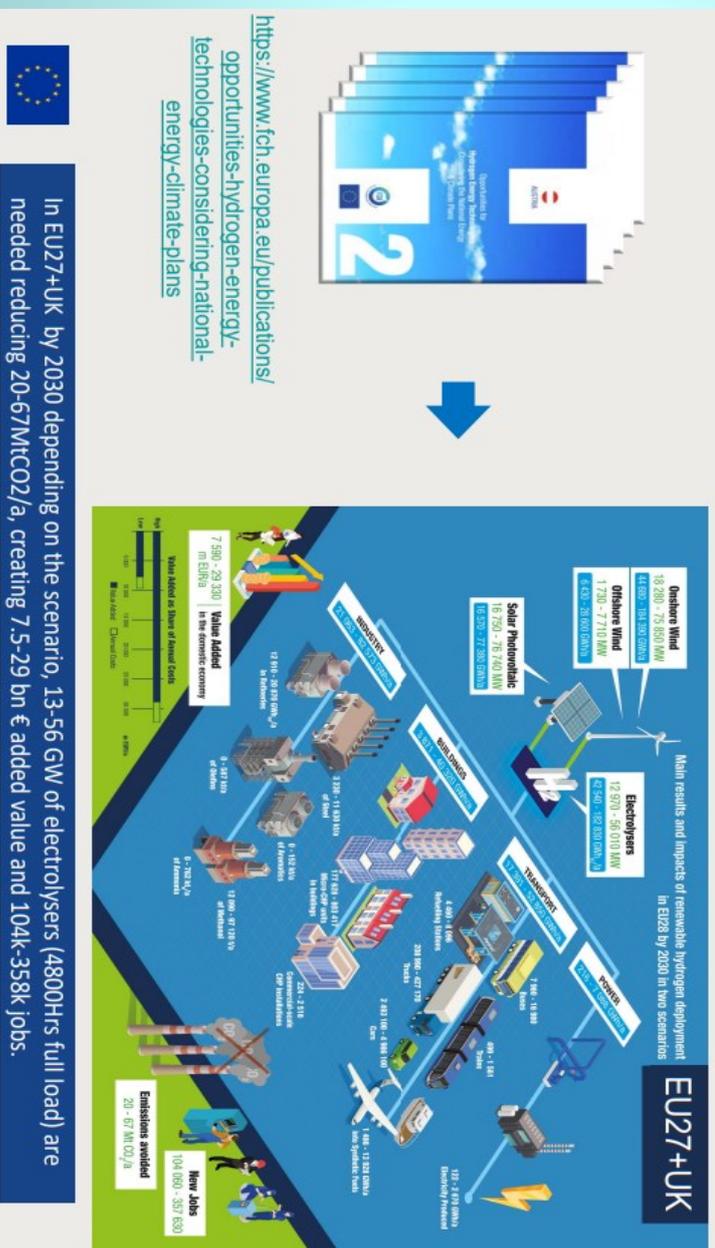
Presentation of the inter-state project: The North Adriatic Hydrogen Valley

dr. Janez Blaž

The starting point for cross-border cooperation

- EU Green Deal;
- Hydrogen Strategy for a climate neutral Europe;
- National energy and climate plans (NECP) and finding partnerships with neighbouring countries;

Opportunities from the inclusion of Hydrogen in NECPs
 EU27+UK NECPs were analyzed on the national opportunities for hydrogen deployment by 2030.



In EU27+UK by 2030 depending on the scenario, 13-56 GW of electrolyzers (48000hrs full load) are needed reducing 20-67MtCO₂/a, creating 7.5-29 bn € added value and 104k-358k jobs.



Common project approach to achieve these objectives

LETTER OF INTENT

BETWEEN

THE STATE SECRETARY IN THE MINISTRY OF INFRASTRUCTURE OF THE
REPUBLIC OF SLOVENIA

THE STATE SECRETARY IN THE MINISTRY OF ECONOMY AND SUSTAINABLE
DEVELOPMENT OF THE REPUBLIC OF CROATIA

AND

THE PRESIDENT OF THE FRIULI-VENEZIA GIULIA AUTONOMOUS REGION
ON

**COOPERATION REINFORCEMENT TOWARDS JOINTLY SUPPORTING THE
ESTABLISHMENT OF A
NORTH ADRIATIC CROSS-BORDER HYDROGEN VALLEY**

The Secretary of State of the
Ministry of Infrastructure of the
Republic of Slovenia



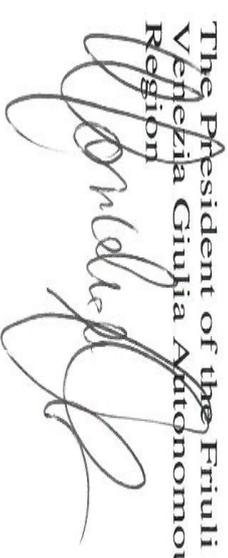
Date: 14/3/2022
Place: ZAGREB

The Secretary of State
of the Ministry of
Economy and Sustainable
Development of the
Republic of Croatia



Date: 14/3/2022
Place: ZAGREB

The President of the Friuli
Venezia Giulia Autonomous
Region



Date: 14/3/2022
Place: TRIESTE

Clean Hydrogen Partnership: CALL 2022

- Budget: 25 mio€ (1/4 necessary sources);
- At start TRL 6 – 8 at the end of the project;
- Contribution to European Hydrogen Strategy and European Green Deal;
- Covering at least 2 sectors (Industry, Energy, Transport);
- Min 5.000 tonnes/yr renewable H₂ production;
- Evidence of the commitment and role of Public Authority in form of the Letter of Intent;
- ...



NAHV project results

- To fulfil these objectives, the NAHV project has been built on partnership of 34 organisations;
- The specific role (WP) is assigned to all 3 Institutional partners
 - Policy analyses and Guidelines;

Territory	 SLOVENIA	 CROATIA	 ITALY Regione autonoma Friuli-Venezia Giulia
Institutional Partners	Ministry of Infrastructure	Ministry of Economy and Sustainable Development	Regional Council of Friuli-Venezia Giulia
Research Community	University of Ljubljana	University of Rijeka	University of Trieste
Industrial Partners	Holding Slovenske elektrarne d.o.o. ECUBES Eubus d.o.o. Seklarna Hrastrnik d.o.o. Salonit Anhovo d.d.	ADJ Marine Active Solera Dilji Indelooop MCOE	AREA Science Park Danieli Centro Combustion Halo Industry SpA Ferriere Nord, Pittini Group ACTEGAS Cincolai Edison
Partners Outside Territory	Fundación para el Desarrollo de las Nuevas Tecnologías del Hidrógeno en Aragón		Faber Industrie Meta Group Fondazione Bruno Kessler

Source: NAHV Project documentation, 2022

On 20 September 2022, the consortium submitted its application for the CALL 2022;



Thank you for your attention!

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