## Hydrogen & Green Gases Forum

Jorgo Chatzimarkakis, CEO, Hydrogen Europe

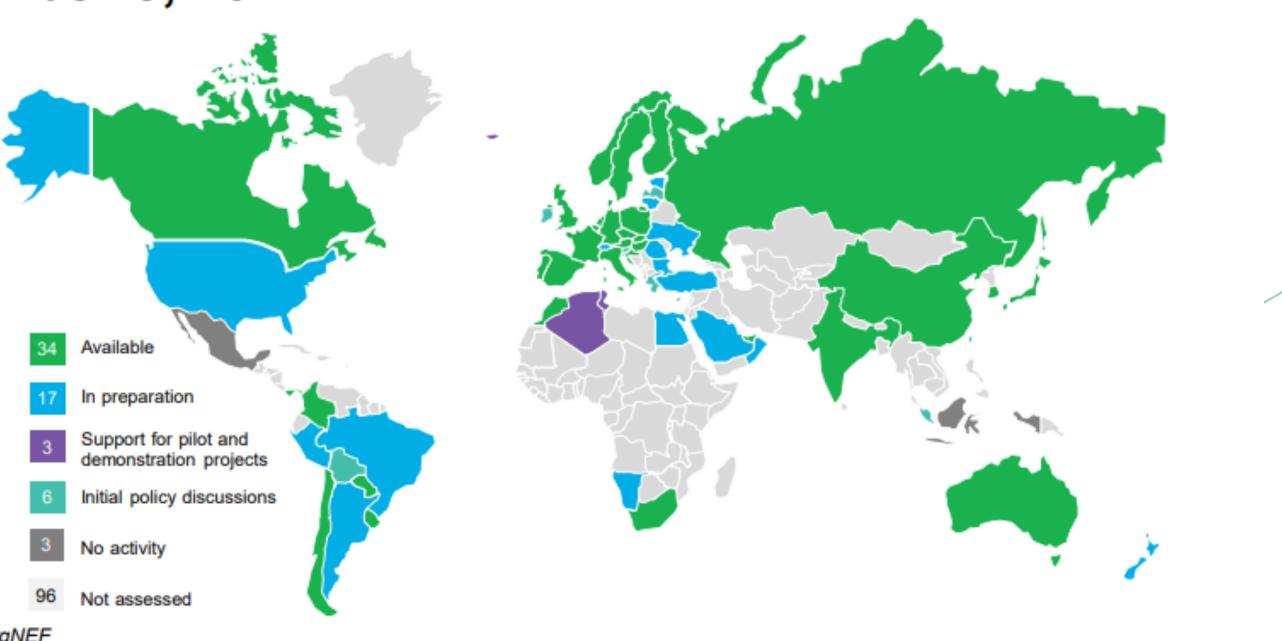




#### **H2 Strategies globally**



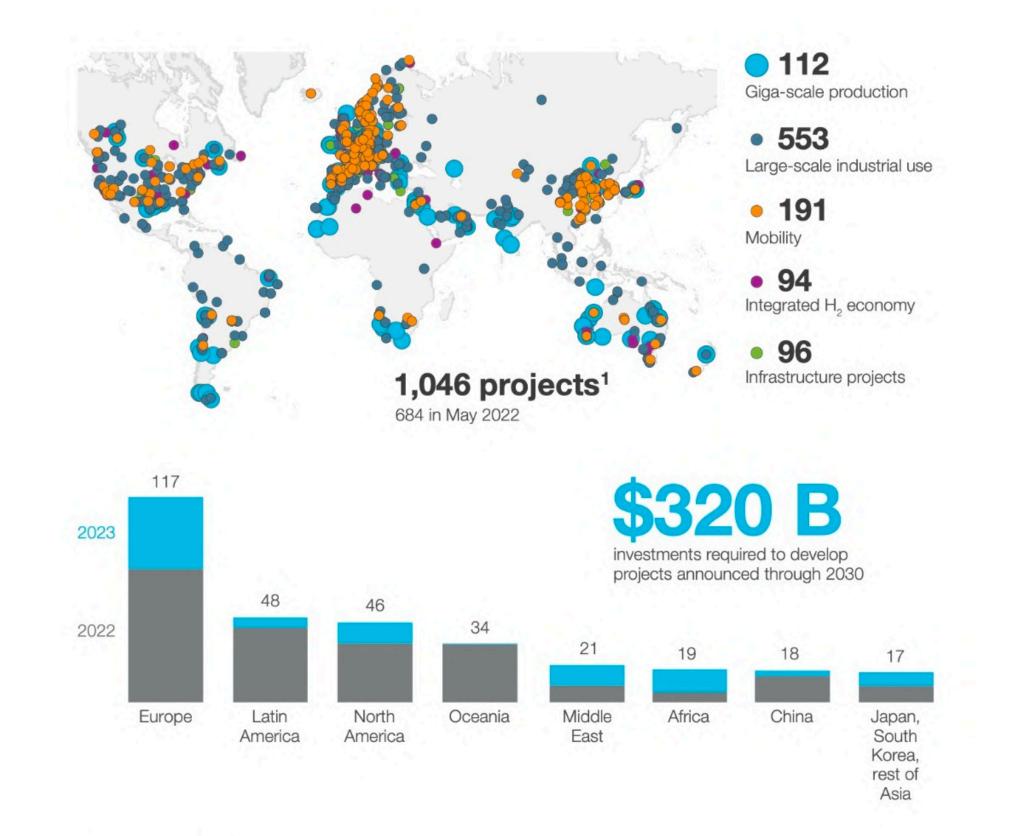
National hydrogen strategies as of September 8, 2022



Source: BloombergNEF

#### **Project Pipelines EU-US**





Focus on projects of >1 MW
Source: Project & Investment tracker, as of Jan 31, 2023

#### **EU-US IRA**







#### **EU Industrial Policy**





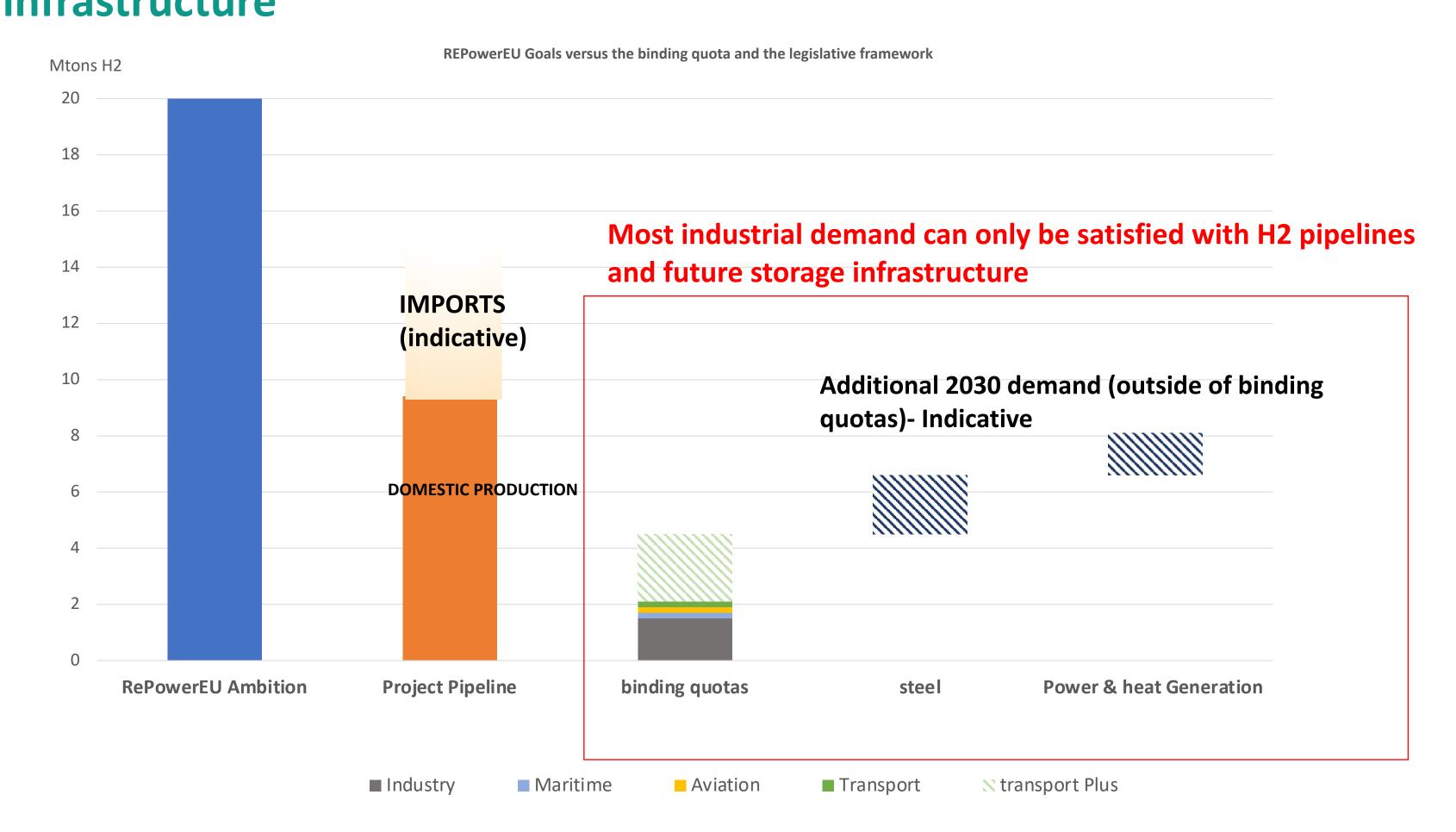
H2 Bank

Critical Raw Materials Act

Net Zero Industry Act

# Achieving 2030 RepowerEU Targets will require urgent investments in infrastructure

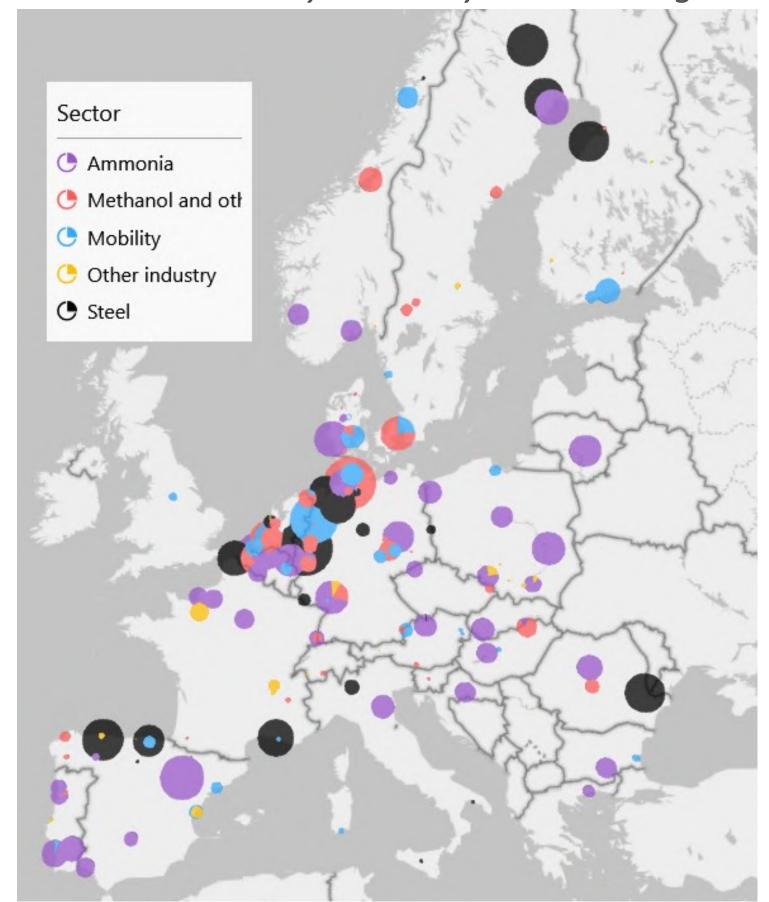


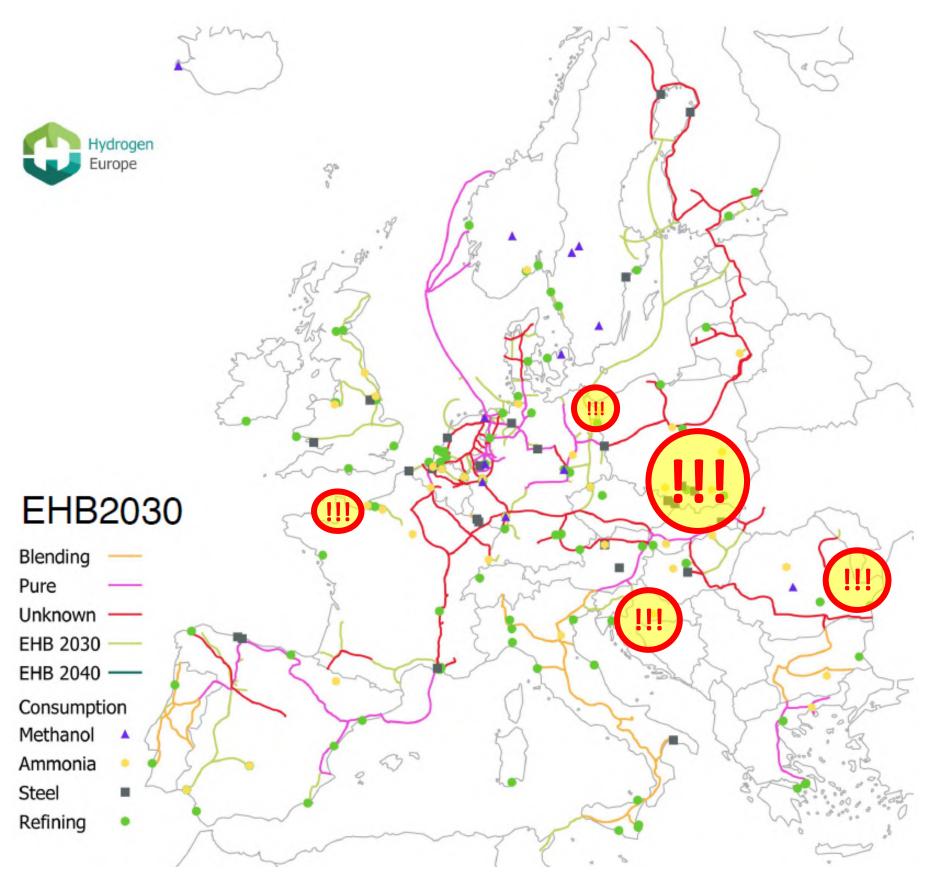


#### Hydrogen demand by 2030 - RED targets Impact



Demand in industry driven by the RED targets defines the bottom line

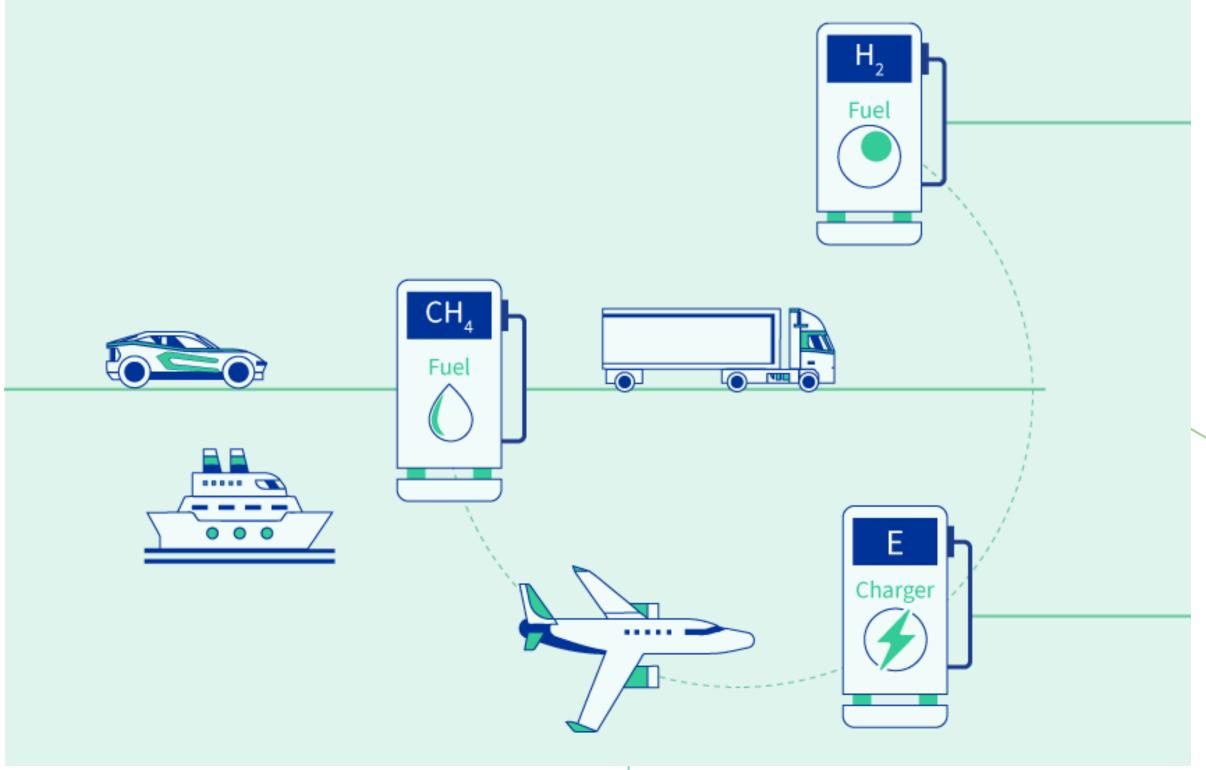




### **AFIR**









	HRS in Urban nodes TEN-T	HRS on TEN-T Core Network every 200km	Total	Number of petro stations
Austria	9	5	14	2,733
Belgium	11	4	15	3,085
Bulgaria	7	8	15	4,600

HRS in Urban nodes TEN-T HRS on TEN-T Core Network every 200km

Total

Number of petrol stations

Greece

17

9

26

200

6,100

2014

Latvia	1	4	5	612
Lithuania	5	3	8	718
Luxembourg	1	1	2	238
Malta	1	1	2	69
Netherlands	24	3	27	4,142
Poland	30	19	49	7,739
Portugal	13	5	18	3,418
Romania	22	12	34	1,615
Slovakia	4	4	8	973
Slovenia	2	2	4	N/A
Spain	49	29	78	11,650
Sweden	18	15	33	2,701
TOTAL	424	233	657	110 364





#### 600 tons green hydrogen per day









#### Imported Green Ammonia not eligible?





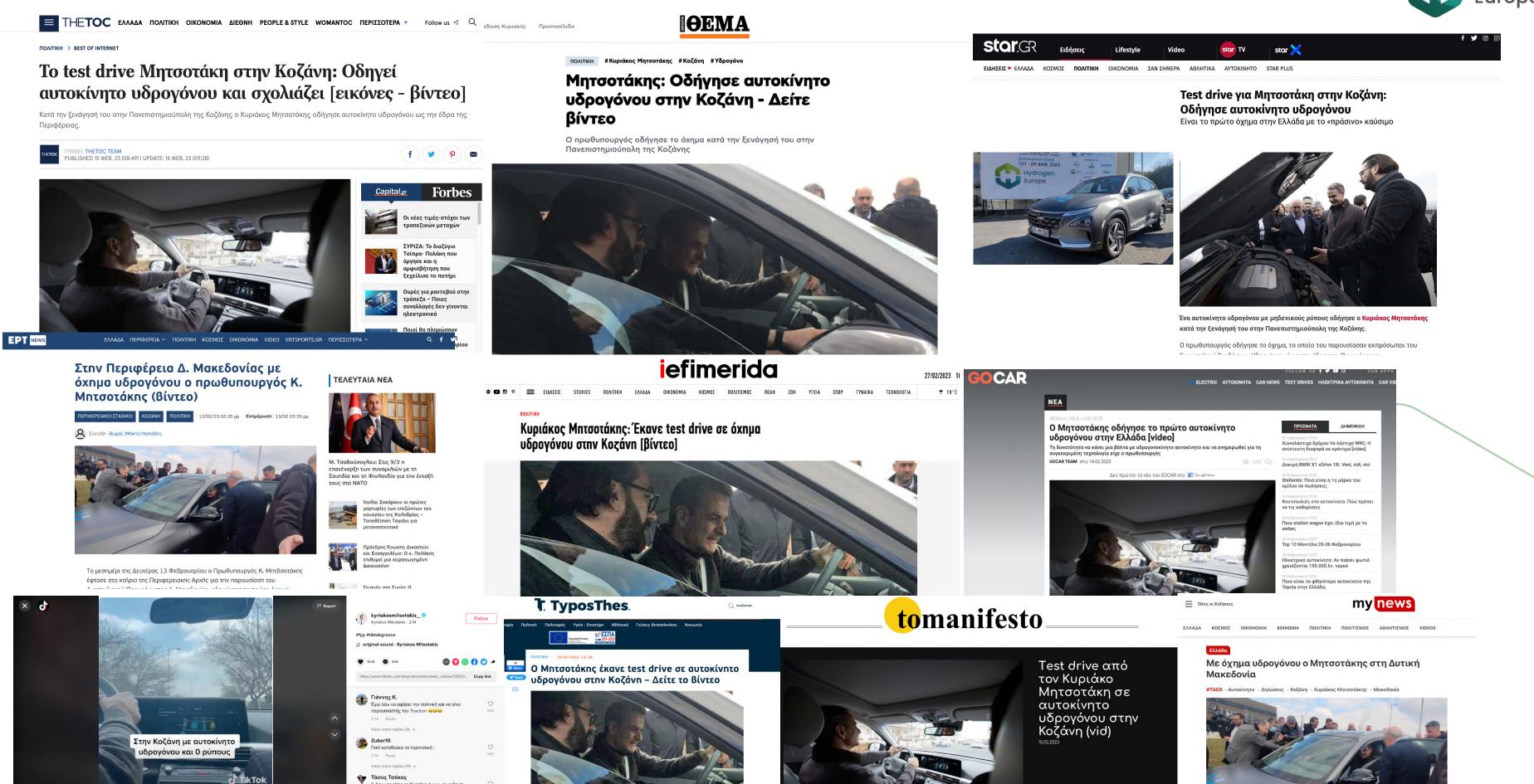




#### **Greek Prime minister drives the first hydrogen car in Greece**

> 405.4K





## Thank You



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