

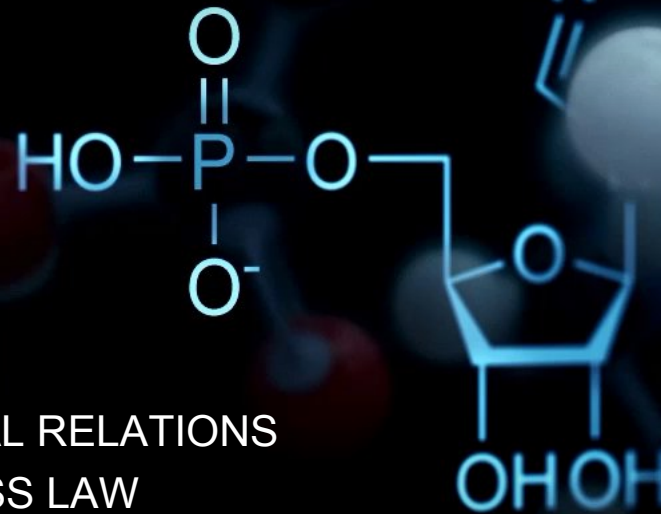
IMPLEMENTATION OF THE NEW FRAMEWORK OF HYDROGEN AND GAS DECARBONIZATION IN GREECE

MARIA MENG-PAPANTONI

VICE-RECTOR OF ACADEMIC AFFAIRS & INTERNATIONAL RELATIONS

PROFESSOR OF EUROPEAN LAW –EUROPEAN BUSINESS LAW

PANTEION UNIVERSITY - ATHENS



Implementation of the Hydrogen and Decarbonised Gas Package in Greece: Progress

- Adoption of Law 5037/2023 aligning national legislation with the EU Gas Package.
- National Hydrogen Strategy (2021): Target of 20% hydrogen in the energy mix by 2030.
- Flagship Projects:
 - "White Dragon" – Large-scale green hydrogen production.
 - "Green HIPOS" – Innovation and pilot projects.
 - Hellenic Hydrogen Backbone: Plan for dedicated hydrogen infrastructure.
 - Participation in IPCEI Hydrogen projects.

Implementation Challenges and Next Steps

- Limited hydrogen infrastructure and immature investment environment.
- Lack of fully operational hydrogen certification and guarantees of origin.
- Complex and fragmented permitting procedures.
- Need for financial incentives and market support schemes.
- Future Steps:
 - Acceleration via REPowerEU funding.
 - Development of Hydrogen Valleys.
 - Establishment of a national hydrogen market framework by 2026.