HYDROGEN DEVELOPMENT IN THE MEDITERRANEAN

MEDREG

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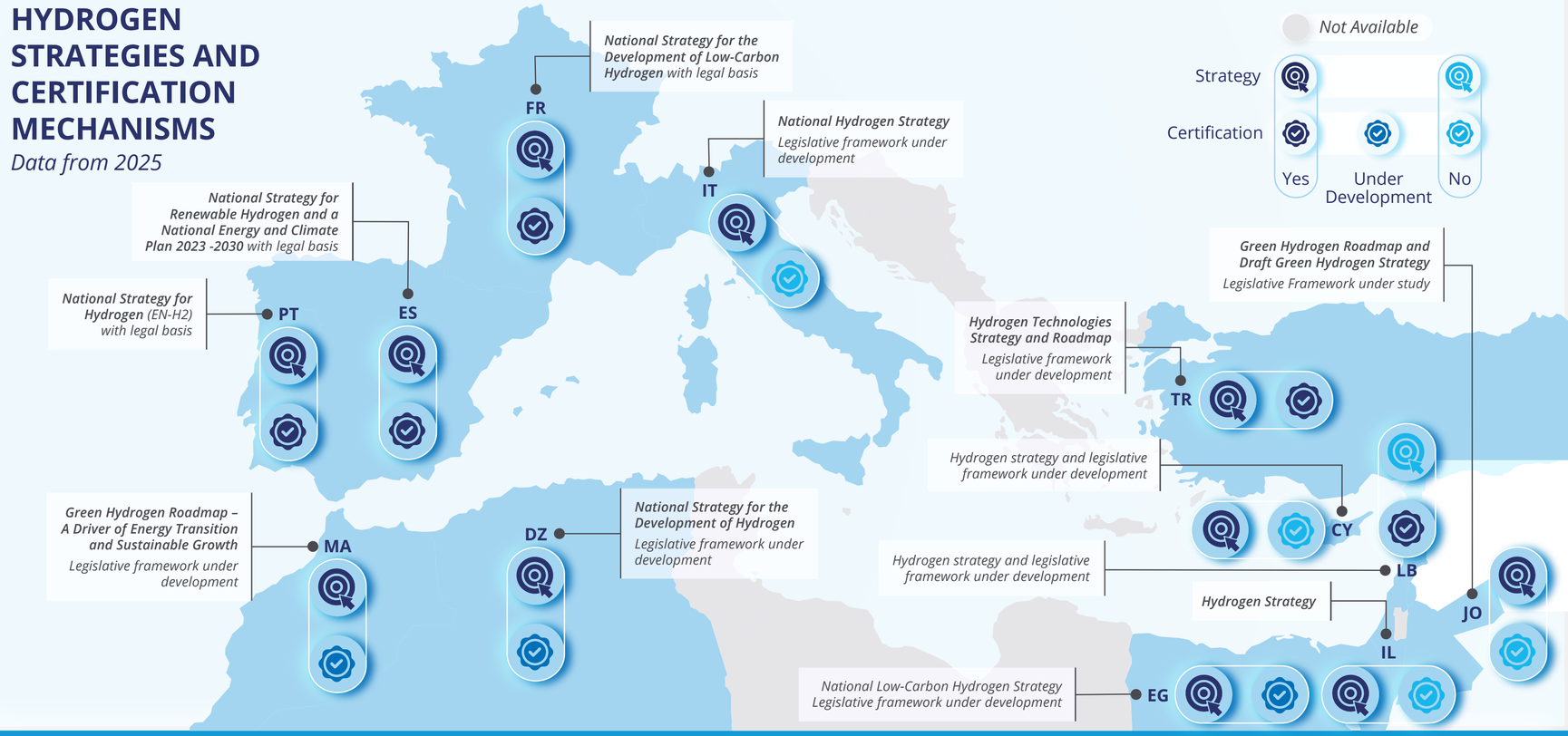
The global effort to combat climate change and transition to clean energy has positioned hydrogen as a promising and versatile solution. Hydrogen has the potential to power households and support heavy industries, including cement production, steel manufacturing, and heavy transport.

WHAT ARE MEDITERRANEAN COUNTRIES DOING TO ADVANCE GREEN HYDROGEN?

- **Most Mediterranean** countries elaborated comprehensive **strategies for Green Hydrogen.**
- Around **half of them** have established **certification mechanisms** designed to authenticate the origins of renewable energy and hydrogen production.
- **Some countries have already established laws** regarding hydrogen (production, blending, applications, etc.)
- Each country has adopted a distinctive **approach to innovation, research, and development**, pursuing distinct **pilot projects**.
- There are **no explicit financial incentives** to boost green hydrogen development.

HYDROGEN STRATEGIES AND CERTIFICATION MECHANISMS

Data from 2025



RECOMMENDATIONS

- Set a **strategy** defining **objectives**
- Prioritise **research and development**
- Create a **transparent policy and regulatory framework** to encourage **investment in infrastructure**
- Adopt **common policies and international standards** to form a common international market
- Adopt a **common certification mechanism for green hydrogen**
- Foster **collaboration** among governments, research institutions and industries
- Promote initiatives like **joint research programs**
- Create a **standard of quality and production**
- Implement **incentives**, operating at different levels, like subsidies, loans, tax credits, or feed-in tariffs

MEDREG will continue to foster knowledge exchange and experience sharing among countries in the region, enabling its members to draw lessons from each other's successes and challenges, guiding the way forward.

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