

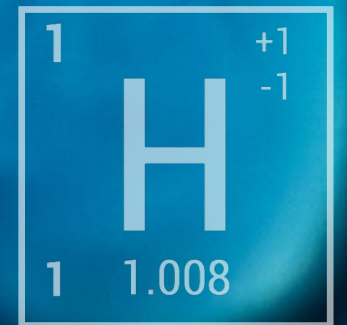


Hi-REGULATE

Executive sessions to accelerate
**opportunities arising from Europe's
regulatory framework for the
energy transition**

'Fit for 55' & CertifHy

2021



Would you like to
**understand the regulatory
context** in which your
company will be operating?

- or -

Do you want to effectively
**engage with your
colleagues** on the **impact of
(upcoming) regulation**

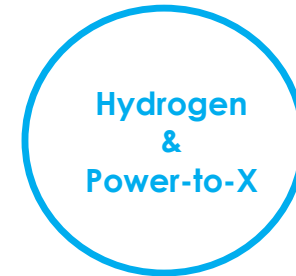
Hi REGULATE helps you to **seize new business
opportunities and mitigate risks** in Europe's
rapidly evolving **regulatory environment**.

OUR APPROACH

EU Decarbonization Strategy



-55% GHG emissions by
2030



Renewables Grid Integration



EU Regulatory Framework

Renewable Energy Directive (II & III), EU ETS,
CBAM, ETD etc. including **certification (CertifHy)**



**BUSINESS
OPPORTUNITIES
&
THREADS**

WHAT WILL YOU GET?

STEEP LEARNING CURVE

Tailor-made strategic workshops on (upcoming) EU regulation for energy & climate and CertifHy to accelerate your team and business

VISIBLE RESULTS WITHIN 3 WEEKS



Fit for 55 package

In July 2021, the European Commission adopted a package of proposals to make **the EU's climate, energy, land use, transport and taxation policies fit for reducing net GHG emissions with at least 55% by 2030**, compared to 1990 levels. This series of 13 cross-cutting legislative proposals include 8 revisions of existing legislation and 5 new proposals



RED II & III

The Renewable Energy Directive ('RED II') and its proposed amendment ('RED III') for achieving a 40% share of renewable by 2030 and to support the implementation of the energy system integration and hydrogen strategies:

- Binding renewable energy target for the EU for 2030 of at least 40% (was 32% under RED II)
- Renewables in transport: 13% GHG intensity reduction target (change from at least 14% share under RED II), introducing a 2.6% sub-target for RFNBOs
- Annual average increase of renewable energy in industry of 1.1 % and a binding target of 50% for RFNBOs used as feedstock or as an energy carrier in industry.
- Expansion of RFNBO criteria to other sectors in RED III.

EU ETS (revision)

The EU Emissions Trading System (EU ETS) previously covered about 40% of EU GHG emissions, the revised version increased this share with the inclusion of additional sectors such as maritime, as well as a new ETS for transport and buildings from 2026. The emission reduction obligation for ETS sectors has also increased from 40% to 61% by 2030 based on 2005 levels, as well as the phasing out of free allowances in aviation from 2023 – 2025. Under the revised ETS electrolyzers will now be eligible for free allowances.

CBAM

The proposed Carbon Border Adjustment Mechanism: effectively a taxation of imports into the EU based on carbon content, obliging producers in emission-intensive industries outside the EU to pay the EU ETS carbon price (from 2026 onwards). Five sectors are to be covered initially: cement, steel, electricity, aluminium and fertilizers.

RefuelEU Aviation

Will impose an obligation on fuel suppliers to include sustainable aviation fuel (SAF) in aviation fuel supplied at EU airports (biofuels, advanced biofuels and RFNBOs). The obligation would commence from 2025 at 2% SAF, gradually increasing to 63% in 2050. The proposal also includes increasing sub-obligation for e-kerosene, starting of at 0.7% in 2030.

EU REGULATORY FRAMEWORK FOR ENERGY & CLIMATE



Alternative Fuel Infrastructure Regulation	The proposed Alternative Fuels Infrastructure Regulation would set out minimum levels of infrastructure required to support uptake of alternative fuels across all the different transport modes to support the European 2030 target. It puts targets for both trucks and cars while foreseeing deployment plans for alternative fuels infrastructure in the other transport sectors. The new regulation promotes the roll out of hydrogen refuelling stations at a maximum distance of 150km in-between stations with the geographical scope extended along the Trans European Network for Transport (TEN-T) core network and urban nodes.
FuelEU Maritime proposal	The FuelEU Maritime initiative proposes a common EU regulatory framework to increase the share of renewable and low-carbon fuels in the fuel mix of international maritime transport. It introduces annual GHG emissions reductions targets for the energy used on-board by ships based on lifecycle (towards -6% in 2030 and -75% by 2050 compared to 2020).
ESR	Effort Sharing Regulation (revision): sets differentiated binding national level targets for emission reductions based on the gross domestic product (GDP) per capita. ESR covers the remaining ~60% of EU emissions not covered by the ETS. Under the Revision, the level of ambition increases from -30% to -40% GHG emissions, relative to 2005 levels.
ETD (revision)	Energy Taxation Directive: The revision aims to tax energy content and environmental performance rather than volume. It will set preferential tax rates for the use of renewable and low carbon hydrogen while increasing rates for carbon-intensive energy products and electricity.
EU Taxonomy	Regulation on the establishment of the framework to facilitate sustainable investments: A classification system that clarifies which investments are considered environmentally sustainable, in the context of the European Green Deal.
CertifHy	EU initiative aimed at establishing harmonized hydrogen Guarantees of Origin (GO) schemes across Europe & beyond, building a market for H2 GO trade in close collaboration with market actors, and designing a Certification Scheme for compliance with RED II & II renewable fuels.

* Non-exhaustive list

OUR SERVICE FORMULAE | Benefits and outcomes

Best in class expertise for your organization

- **360° overview of 'Fit for 55' and CertifHy** opportunities and challenges relevant to your organization provided through **top level workshops delivered by our most senior industry experts on hydrogen.**

Executive report with practicable conclusions

- **An executive report** including:
 - Presentation of the 'Fit for 55' and CertifHy.
 - Identification of the key challenges and opportunities (market, business cases, etc.) relevant to your organization.
 - Operational recommendations and definition of a tangible action plan to seize opportunities and mitigate risks.

Tailor personal support

- **Tailor-made seminars** for your organization including material and handouts
- **Our senior expert** available during 1 month through our "HINICIO Hydrogen hotline"

ABOUT HINICIO

STRATEGY CONSULTANTS IN ENERGY & SUSTAINABLE MOBILITY

Founded in 2006, we are recognized as a European Leader in hydrogen & fuel cells industry.

We provide support to public & private leaders for their development & investment issues.

We have offices in **Brussels, Paris, Bogota, Buenos Aires, Beijing**, and direct business representation in **the U.S. Netherlands, Chile and Mexico**.



STRATEGY



INVESTMENT



PUBLIC POLICIES



PROJECTS

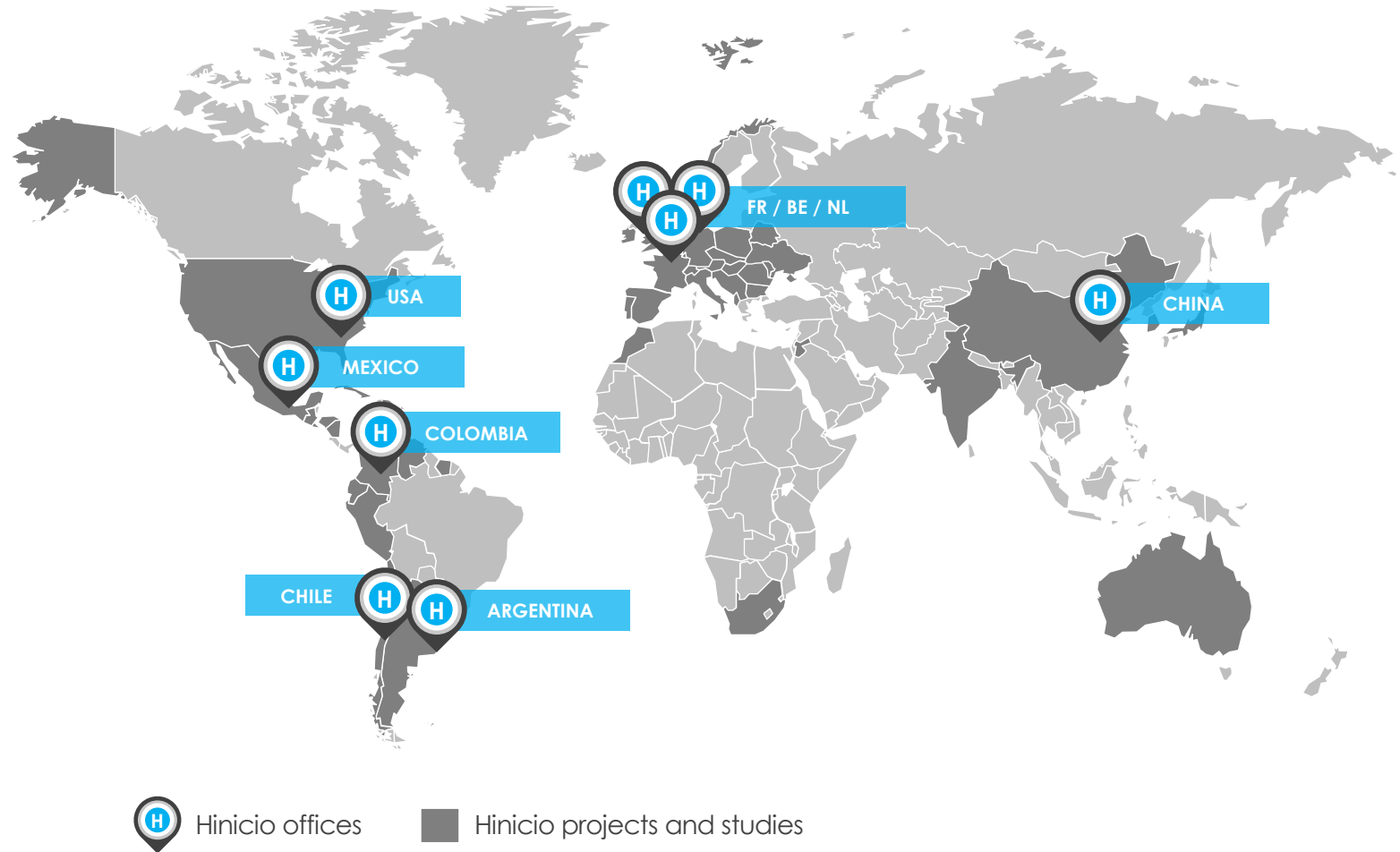


OUR REACH:

With **14 years of experience** in the industry, **HINICIO** is recognized as a **leading consulting firm in sustainable energy and transportation** with a dedicated competence center on hydrogen in Europe, Asia and Latin America, distributed in 9 different offices.



+350 studies and projects in more than 25 countries

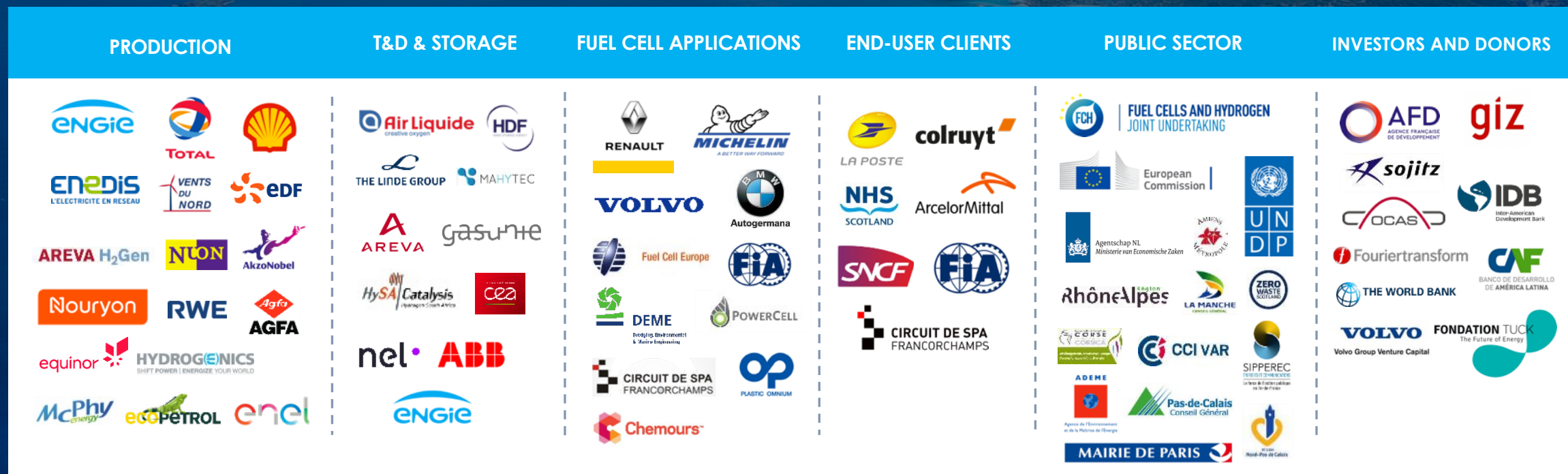


A WORLD CLASS EXPERTISE IN HYDROGEN AND FUEL CELLS

Unmatched experience at every step of the value chain on all aspects

Our clients in a 360° view on the entire hydrogen industry

- ✓ Technology
- ✓ Economy
- ✓ Business Cases
- ✓ Markets
- ✓ Strategy
- ✓ Public policies and regulation
- ✓ Social acceptance, etc.





YOUR KNOWLEDGE PARTNERS FOR SUSTAINABLE ENERGY
PROJECTS AND STRATEGIES

Do you need more detailed information about this service, prices, and availability?

Contact

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