



GREEN HYDROGEN COALITION

**The only organization dedicated to
deploying green hydrogen at scale
for multi-sectoral decarbonization**

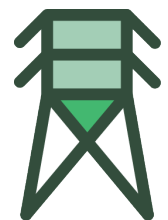
EDUCATION • COALITION BUILDING • MARKET DEVELOPMENT

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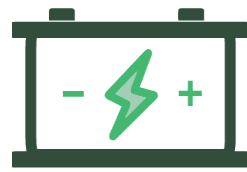
Green hydrogen is taking off

Green hydrogen is a game changer for our economy and planet.

Green hydrogen is an abundant, carbon-free and safe energy carrier that can be produced from renewable electricity and water or organic waste. It can be used as a carbon-free fuel and can provide long-duration seasonal energy storage. When used as an alternative to fossil fuels, green hydrogen can support deep decarbonization of hard-to-abate sectors and can enable the repurposing of valuable existing infrastructure for an affordable, responsible energy transition. By leveraging carbon-free green hydrogen, we can transform how we power our world and create vibrant clean energy economies with sustainable local jobs.



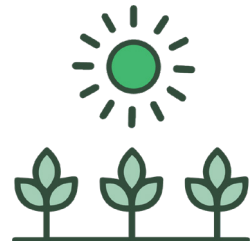
POWER



ENERGY STORAGE



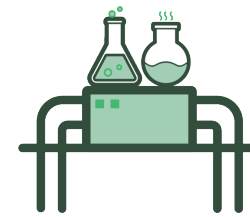
TRANSPORT



AGRICULTURE



MINING



HIGH-HEAT INDUSTRIAL APPLICATIONS

The Green Hydrogen Coalition (GHC) is the only 501(c)(3) nonprofit focused on advancing green hydrogen adoption at scale to accelerate the transition to a carbon-free energy system.

GREEN HYDROGEN COALITION LEADERSHIP

GHC Leadership is deeply experienced in clean energy market development.



Janice Lin
Founder & President



Dr. Laura Nelson
Special Advisor



Thierry Lepercq
Founder | Soladvent



Don Liddell
Founder and Partner
Douglass, Liddell, & Klatt

“There is no way to get to 100% renewable energy that I can see right now without hydrogen in the mix. It doesn't exist.”

-Martin Adams,
General Manager & Chief Engineer,
Los Angeles Department of
Water and Power



Green hydrogen faces barriers that we can overcome

The GHC's initiatives and efforts are designed to overcome five major barriers:



General lack of understanding & education



Need for leadership, focus & alignment



High cost of green hydrogen & related infrastructure



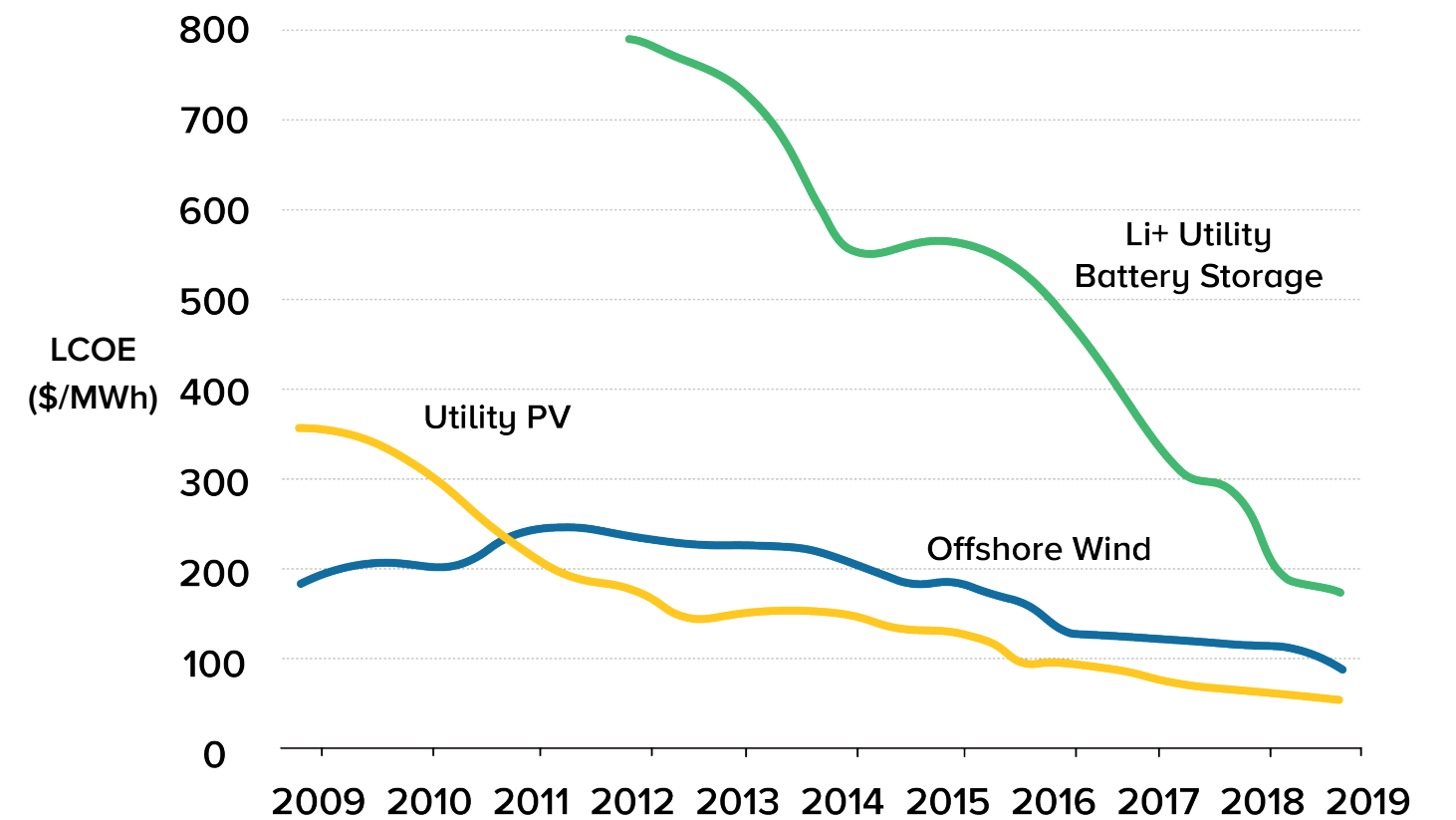
Decoupled gas & electricity sector planning



Comprehensively valuing all of green hydrogen's benefits, not just costs

We know from decades of experience that renewable energy technology costs fall precipitously with scale. Our organization is laser-focused on accelerating the adoption of green hydrogen so it can compete on price with gray hydrogen and conventional energy sources by 2030. With scale, green hydrogen is on trajectory to achieve low cost.

Clean Energy Technology Costs Decline with Scale



Source: BloombergNEF

GHC's core organizational efforts are designed to overcome these barriers

Education

Build green hydrogen knowledge and consensus

Education

- Presented free, original webinars on a variety of GH_2 topics to 4,500+ participants
- Published first-of-its-kind green hydrogen guidebook
- 4,800+ web views to curated industry articles and whitepapers
- Delivered technical workshop to 100+ LADWP engineering and operations staff on the conversion at IPP

Thought Leadership

- 90+ US & Global speaking engagements
- Featured in major media outlets: *LA Times*, *Utility Dive*, *S&P Global Market Intelligence*, *E&E News*

Convenings

- Annual Fall Conference featuring speakers such as Los Angeles Mayor and Deputy Secretary of U.S. DOE
- Quarterly Western Green Hydrogen Initiative Workshops with 70+ policy leaders from 14 states and two Canadian provinces, utilities, developers, U.S. DOE, and more

Digital Engagement

- 2,000+ Green H_2 Guidebook downloads
- 13,000+ LinkedIn followers
- 4,000+ GHC Monthly Newsletter recipients

Coalition Building

Align stakeholders around landmark capital and infrastructure projects

Intermountain Power Project (IPP)

The GHC team is proud to support the conversion of Utah's largest coal-fired power plant into America's first 840 MW green hydrogen powered plant. IPP will soon power 700,000 homes in the Los Angeles region with reliable, carbon-free electricity, while repurposing jobs and infrastructure.



Intermountain Power Project, Courtesy of LADWP

Market Development

Develop the policies, rules and practices to advance the production and use of green hydrogen

Policy and Regulatory Intervention

To date, GHC experts have submitted 60+ regulatory filings to drive the market for green hydrogen, covering topics from pipeline injection standards to utilizing hydrogen for reliability and community resiliency. GHC is actively tracking federal and state legislation in California, Utah, Montana, Washington, Oregon, and more.

Consensus Building

GHC successfully engages with key governmental and NGO bodies to create widely-accepted legal, regulatory and market frameworks – such as a common definition for green hydrogen. From state regulatory and energy agencies, to state legislatures, to inter-state organizing bodies, to environmental groups, to the U.S. DOE, and National Labs, the GHC drives consensus that will accelerate deployment and commercialization of green hydrogen at scale.

Our game changing initiatives focus on policy and commercialization efforts that together will drive the North American green hydrogen market

POLICY AND MARKET DEVELOPMENT


Western Green Hydrogen Initiative



Establish a regional green hydrogen strategy for the U.S. West by providing decision-makers with the information, tools, and policy support to deploy projects that advance energy reliability, decarbonization, and economic growth.

COMMERCIALIZATION

HyDeal North America

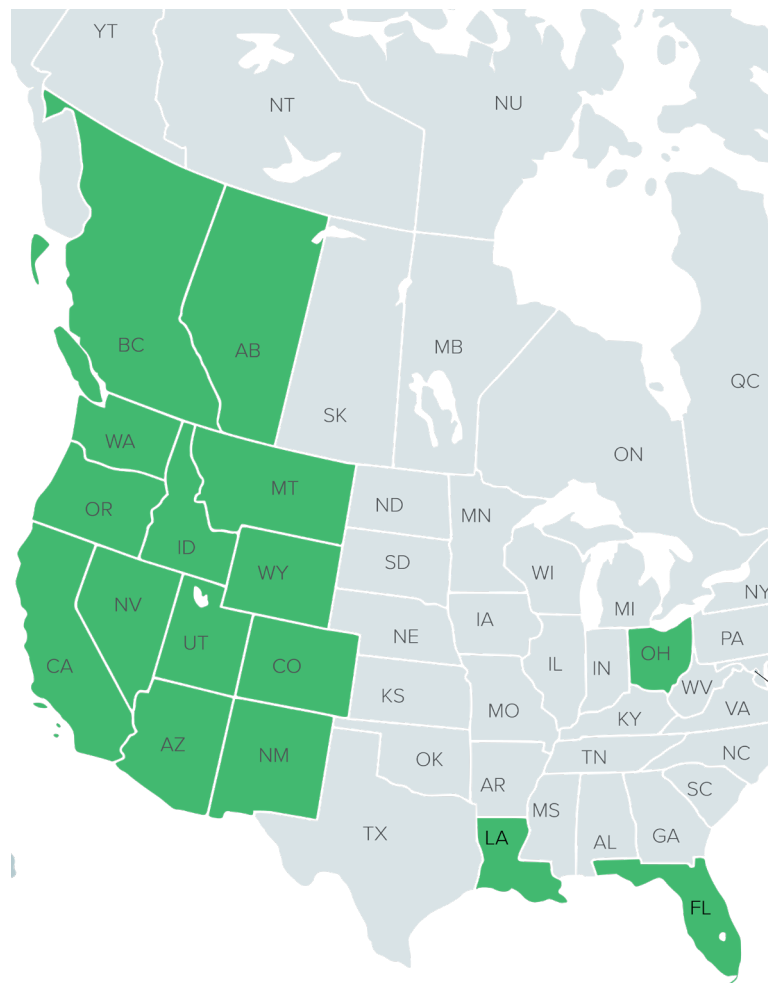


Develop high-volume supply chains, targeting \$1.50/kg delivered green hydrogen costs in strategically targeted locations, starting with the Southwest U.S.

Western Green Hydrogen Initiative

Establish a regional green hydrogen roadmap to develop large-scale, long-duration, renewable energy storage reserve

The **Western Green Hydrogen Initiative (WGHI)** is a public-private partnership between National Association of State Energy Officials (NASEO), Western Interstate Energy Board (WIEB), and the GHC to advance and accelerate deployment of green hydrogen infrastructure in the Western region for the benefit of local economies and environment. The WGHI collaborates with other regions to share best practices.



“ We’re proud to support the Western Green Hydrogen Initiative because we believe that green hydrogen is an essential technology to achieve net zero carbon emissions in the power sector. ”

—Paul Browning,
President and CEO,
Mitsubishi Power

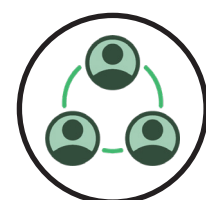
WGHI WORKSTREAMS



Modeling



Policy Development



Stakeholder Engagement



Roadmapping

WGHI STATE-LED LEADERSHIP TEAM



Dan Lloyd, Chair
Bureau Chief
Montana Department of Environmental Quality



David Bobzien, Chair
Director
Nevada Governor’s Office of Energy



Andrew McAllister, Vice Chair
Commissioner
California Energy Commission



John Chatburn
Administrator
Idaho Governor’s Office of Energy and Mineral Resources



Holly Taylor
Director of State, Federal, and International Affairs
WIEB



Kirsten Verclas
Senior Program Director of Electricity
NASEO



Dr. Laura Nelson
Special Advisor
GHC

HyDeal North America

Architect the green hydrogen ecosystem at scale in strategically targeted locations to achieve low-cost delivered green hydrogen

HyDeal North America is a commercialization platform to launch green hydrogen ecosystems around North America. Each regional initiative will be built around a consortium of diverse stakeholders, including multi-sectoral off-takers, to develop a high-volume green hydrogen supply chain, targeting \$1.50/kg delivered.

HyDeal: A Proven Concept

HyDeal North America is modeled after HyDeal Ambition, a similar project in Europe with resounding success to date.

HyDeal Ambition participants are aiming to produce 3.6 million tons of green hydrogen per year to users in the energy, industry, and mobility sectors at €1.5/kg before 2030.

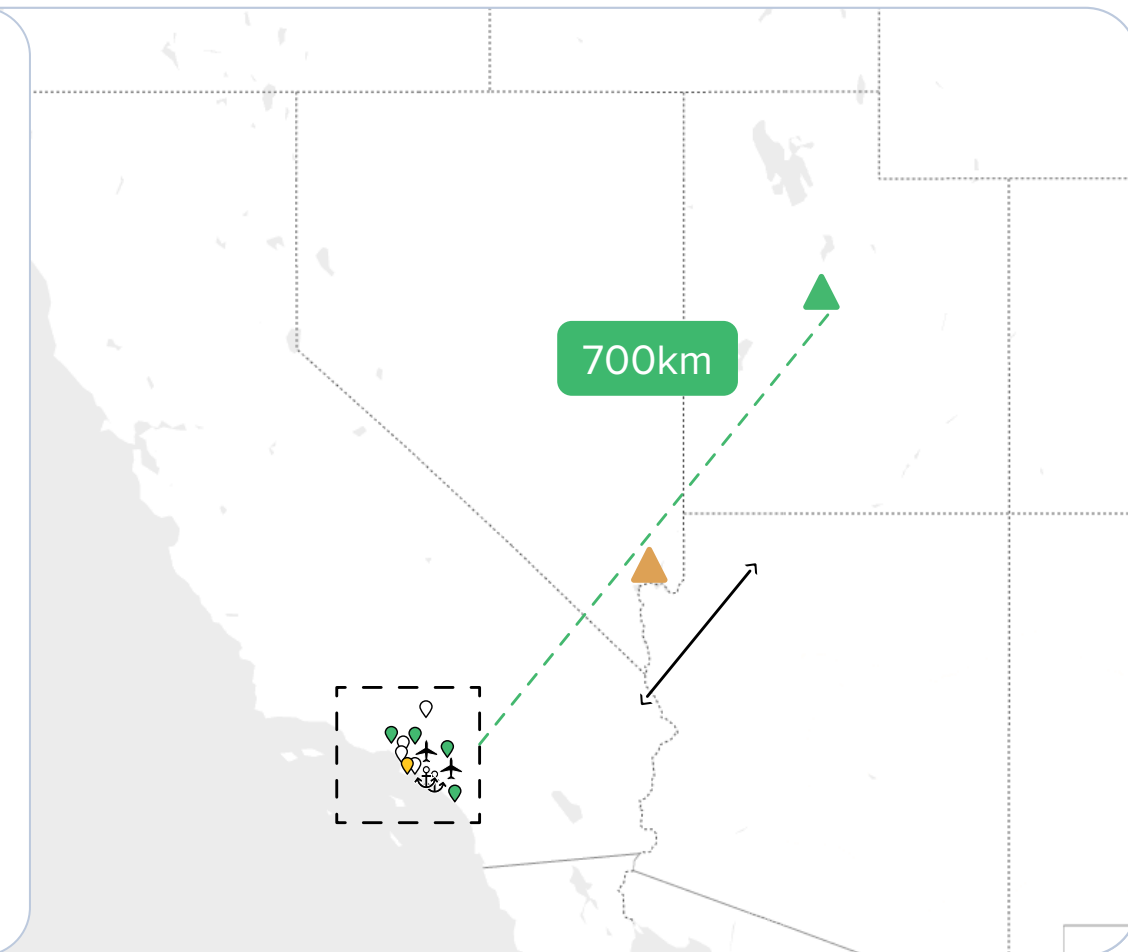
Our first regional initiative, HyDeal Los Angeles, uncovered the pathway to \$1.50/kg scaled green hydrogen in the LA Basin

HyDeal Los Angeles System Map

Legend

- ✈ Airports
- ⚓ Port
- 📍 Hydrogen fuel stations
- 🏭 Qualified and not-qualified refineries
- ⚡ Qualified power plant
- ▲ Proven geologic storage site – salt cavern
- ▲ Potential geologic storage site
- 📦 H2 off-takers area
- ↔ Flow direction need
- Bidirectional 100% green hydrogen pipeline

Note: Electrolytic green hydrogen can be produced in Southern California and along the pipeline route.



HYDEAL WORKSTREAMS



Contracts



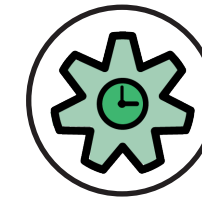
Industrial Plan & Economics



Funding



Policy & Regulatory



Project Management

Funding GHC is a critical investment to commercializing green hydrogen at scale today

Your donation will:

- Accelerate the creation and commercial use of green hydrogen at scale
- Expedite concurrent multi-sector decarbonization, including: electricity, gas, industrial, agriculture, and transportation
- Educate key stakeholders about the benefits of green hydrogen
- Proactively deliver solutions to combat climate change and expand the potential market application of renewable energy resources

GHC Core Engagement	Leadership Circle	Visionary Circle	Champion Circle	Sustainer Circle	Startup Circle*
Seat on GHC Leadership Committee alongside key visionaries and opportunity to scope annual priorities that align with GHC mission	●				
Access Legislative Working Group	●				
Industry Participant in Western Green Hydrogen Initiative (see below)	●	●			
Access GHC Policy Working Groups	●	●	●		
Access Monthly Momentum Call and GHC Supporter Newsletter	●	●	●	●	●
Complimentary access to annual conference, webinars, and events	●	●	●	●	●
Branding recognition as GHC Supporter	Leadership	Visionary	Champion	Sustainer	Startup
Contribution	\$100K	\$50K	\$25K	\$10K	\$2.5-7.5K
					*Reserved for pre-revenue companies.

Required Disclosure: The GHC is a public charity exempt under Section 501(c)(3) of the Internal Revenue Code. To the extent a contribution is considered a deductible charitable contribution to the GHC, such contribution will be deductible to the extent the law provides. Each donor's unique tax situation affects the deductibility of its donation, and the GHC encourages each donor to consult their attorney or tax adviser to confirm the deductibility of any donation made. The deductibility of a contribution is limited by the value of goods or services that the GHC provides to the donor in return for the donor's contribution

GHC Initiative Engagement Activities

GHC Initiatives are restricted donations open to GHC Supporters at the Champion Level and above.

Western Green Hydrogen Initiative (WGHI)	Industry Advisor	Industry Participant	Industry Supporter
Seat on Green Hydrogen Strategic Roadmapping Advisory Body	●		
Access to WGHI Working Groups	●	●	
Access to quarterly WGHI workshops	●	●	●
Progress updates via WGHI newsletter	●	●	●
Recognition as WGHI supporter	Advisor	Participant	Supporter
Additional Contribution	\$50K	\$25K	\$10K

HyDeal North America

	Steering Committee	Core Participant
Invitation to HyDeal Los Angeles (Phase 2) Steering Committee	●	
Access to HyDeal Los Angeles (Phase 2) Meetings	●	●
Branding recognition on HyDeal Los Angeles (Phase 2) webpage and presentations	●	●
Access to HyDeal Los Angeles (Phase 2) Data Room (includes modeling results, template term sheets, and market intel)	●	●
Access to the models, contract terms, and recordings of the plenary sessions produced in HyDeal Los Angeles (Phase 1)	●	●
Additional Contribution	\$100K	\$50K

Join the community of GHC supporters

LEADERSHIP CIRCLE



VISIONARY CIRCLE



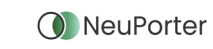
CHAMPION CIRCLE



SUSTAINER CIRCLE

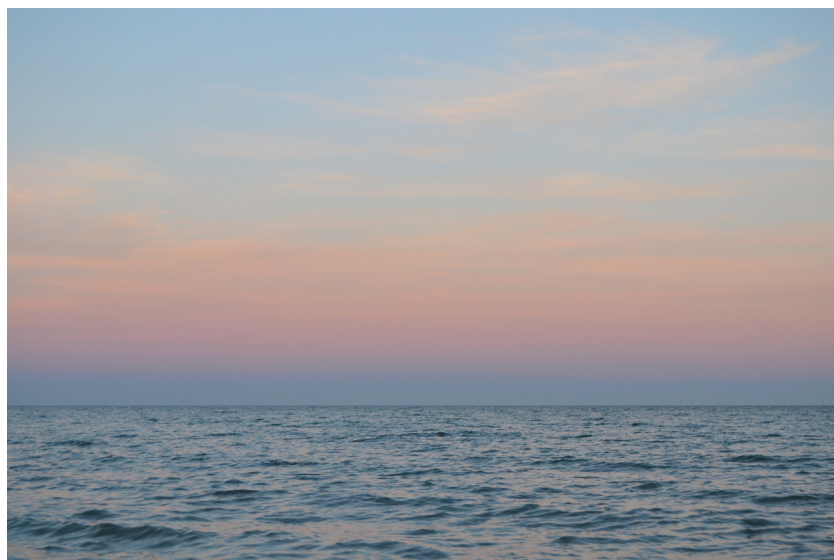


STARTUP CIRCLE



Get involved with the GHC today

Follow us on social media

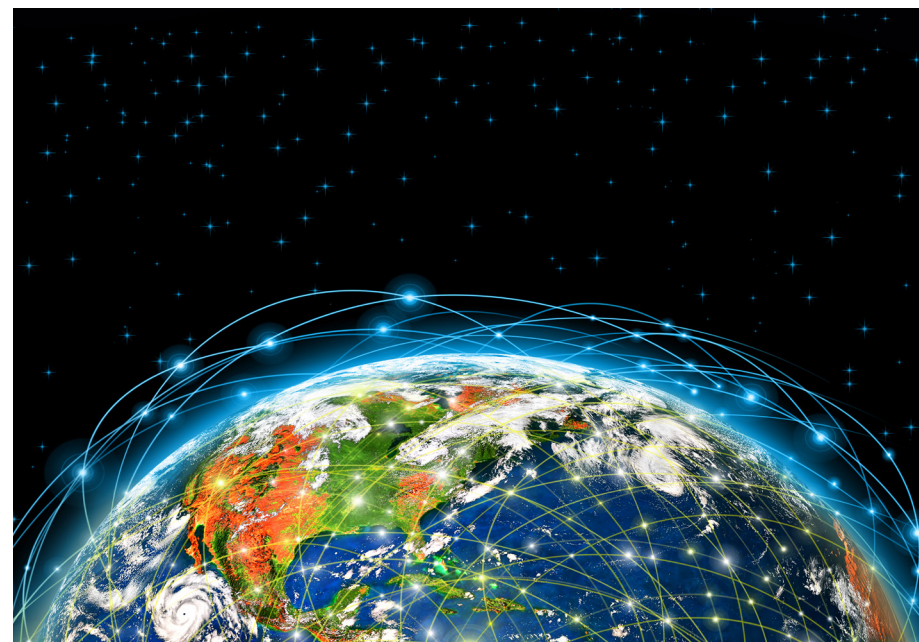


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