

# Hydrogen—Visioning & Best Practices Session

## Invitation to Participate

You are invited  
to participate in our  
*Multi-Industry  
Roundtable*

### *Executive Roundtable:* The Hydrogen Economy Exploring Its Present & Future State

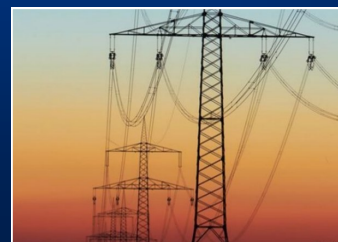
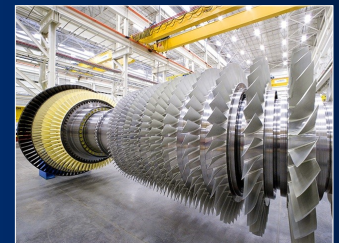
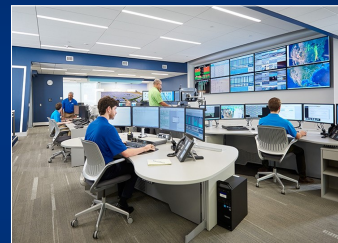
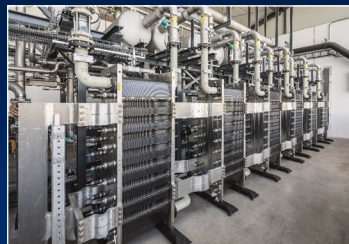
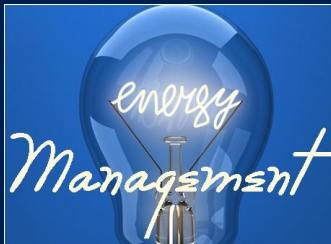
A Visioning, Best Practice &  
Knowledge Exchange

Virtual Summit

September 15-17, 2020

**Linton Consulting**  
Insights for Industry and Government

[Bill@LintonConsulting.com](mailto:Bill@LintonConsulting.com)



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# The Present and Future Vision for Hydrogen....

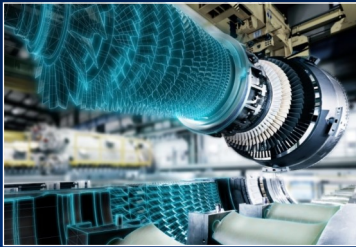
## Roundtable / Knowledge Exchange

### Exploring the Hydrogen in Industrial and Power

- Current State and Future Vision
- Trends that May Shape Future Business

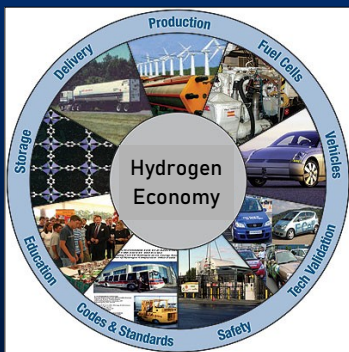
Technical Tours (Virtual):  
Siemens Energy Charlotte, NC  
& Finspång, Sweden  
Voestalpine in Linz, Austria

**SIEMENS**  
energy



Views of Siemens facilities will provide a first-hand view of a factories that manufactures key components and equipment for generating electricity.

Tours will be supplemented by views of Siemens Hydrogen programs worldwide along with exploring the impacts of changes in energy dynamics.



Contact:

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The **Hydrogen Economy** of tomorrow, unlike the *hydrocarbon economy* of today, is envisioned to be more efficient and more sustainable. Today's renewed interest and investments in Industrial and Power Hydrogen demonstrations and projects reveal changing dynamics.

Is the Hydrogen Economy finally on the verge? Join us for this virtual event of 3-partial-days as we explore progress in: Electric Power and Industrial / Manufacturing sectors.

If you are an Innovation, Technology or Market Leader interested in the current and future state of Hydrogen, its opportunities and challenges, please consider participating in our upcoming Roundtable and Knowledge Exchange.

The session builds upon our past *Executive Roundtable and Best Practice programs now in their 7th year*. It will bring you up-to-date on the current vision, best practices and changes ex-

pected to enable a next round of energy industry developments.

We invite you to join us to network with professionals in industry and government, to hear and share knowledge and experiences that will inform you on the latest insights, lessons-learned and expected developments. Participants will both share hear from peers to advance each other's industry knowledge and hear about trends that are likely to shape the future.

This Roundtable exchange will be multi-industry and will facilitate deeper discussions with experts in several sectors of Energy, Power, Industrial/ Manufacturing, and Government. The Session is to be an all-virtual event with speakers from the U.S. and Europe and 3-4 virtual site tours.

Tours will include views and Q&A describing Siemens Charlotte & Berlin, Erlangen, Finspång, Sweden,

and a Voestalpine Hydrogen plant in Austria. These will illustrate how major organizations are enabling and planning for Hydrogen technologies. Others will share their views on Hydrogen production, transmission, storage, and usage as well as challenges.

To reduce "screen fatigue", the Session is being planned for Presentations and virtual Tours on 3 mornings with optional afternoon smaller group meetings for networking and additional Q&A.

Agenda topics are now being tailored to the specific interests of participants. Your input is requested. This knowledge exchange will help you compare practices, see trends and obtain ideas on how to advance your organization's role in the future of Hydrogen.

To explore your participation and provide agenda input, please contact:

Bill Linton at  
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## Agenda: So Far

- Roundtable Introductions; organizational comparisons & contrasts
- Hydrogen Economy Overview
- Electric Power Industry trends and utility drivers for Hydrogen
- Industrial / Manufacturing uses of Hydrogen present and future
- Hydrogen supply and demand dynamics; market size and growth; economics
- Success stories from all sectors
- Challenges and breakthroughs in products, storage and transmission
- Virtual tour of several facilities in Europe and U.S.: Finspång, Linz. How generator and turbine plants are preparing for hydrogen
- Virtual tour of H2 electrolysis facility in Erlangen, Germany
- Overview of H2 R&D at Duke Energy & Southern Company, Others
- More...

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## Siemens Energy Virtual Tours

Virtual tours of several energy facilities with a future vision for Hydrogen:

The Siemens Energy Hub in Charlotte manufactures and services generators and steam and gas turbines for the power generation equipment market. The factory has more than one million square feet.

Siemens, Berlin, Erlangen Germany; Finspång, Sweden—Of special interest will be gaining insights from Siemens R&D and developments worldwide to prepare for and lead in the Hydrogen Economy.

Voestalpine, a steelmaker in Austria has constructed a Hydrogen production demonstration facility. We plan to tour this facility and see how H2 is made and utilized.

**Below: Siemens Charlotte Energy Hub**



**Below: Duke Energy Lincoln, NC**



## Past Participants In Our Programs



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## Past Knowledge Exchange Sessions by Linton Consulting



**2019**

**Munich Germany**

Digitalization, Sustainability & Energy

Sustainability  
Energy Management  
Digitalization  
Paint Shop & Automation  
Energy Management Projects

**Site Visits**

Siemens Headquarters  
BMW Automotive Plant  
Siemens Amberg Works



**2019**

**Charlotte, North Carolina**

Digitalization & Energy Trends Impacting Business Processes

Digitalization, Digital Factory  
Application of Mindsphere  
The Predictive Maintenance Journey  
Managing Energy in a Changing Environment

**Site Visit**

Siemens Charlotte Energy Hub  
Power Equipment Manufacturing



**2018**

**Stone Mountain and Athens, Georgia**

Plant Focus

Benchmarking Processes  
Facilities Management  
Plant Engineering  
Plant Maintenance  
Exploring Digitalization

**Site Visit**

Caterpillar Construction - Equipment Plant



**2018**

**West Point, Georgia**

Global Culture & Plant Focus

Culture Development  
Operations & Maintenance  
Digitalization  
International Trade & Barriers

**Site Visit**

KIA Automotive Manufacturing Plant



**2018 & 2015**

**Site Visits**

**BMW Automotive Plant Greenville Spartanburg, SC**  
Diverse Corporate & Plant Topics and Industry Participants

**2018**

Sustainability  
Energy Management  
Digitalization  
Paint Shop & Automation  
Energy Management Projects

**2015**

Industrial Development  
Organizational Structure  
Technology Advancements  
Statistical Comparisons



**2017**

**Shanghai, China**

International Session and Diverse Participation

Doing Business in Asia  
Unique Challenges in China  
Changing with the Business Cycle  
Changing Office Environments

**Site Visit**

Morimatsu Shanghai Modularization Facility



**2016**

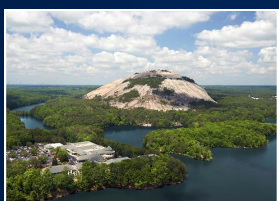
**Dallas, Texas**

Advancements in High-tech Manufacturing

Project Mgmt Processes  
Maintenance Processes  
Innovation in Engineering  
Modular Construction

**Site Visit**

Texas Instruments Microelectronics Manufacturing Plant



**2014**

**Stone Mountain, Georgia Retreat**

Inaugural *Benchmarking & Best Practices* Program

Corporate & Plant Engineering  
Organizational Structure  
Services Provided  
Technology Advancements  
Statistical Comparisons

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