



CENTER FOR Hydrogen SAFETY

An AIChE Technical Community • A Global Resource On Hydrogen Safety

The Center for Hydrogen Safety (CHS) is a not-for-profit, non-bias, corporate membership organization within AIChE that promotes the safe operation, handling, and use of hydrogen and hydrogen systems across all installations and applications. The CHS identifies and addresses concerns regarding the safe use of hydrogen:

- As a sustainable energy carrier
- In commercial and industrial applications
- In hydrogen and fuel cell technologies

The Center for Hydrogen Safety (CHS) provides the hydrogen and fuel cell industries and its stakeholders with:

- Online and face-to-face educational products and resources
- Hydrogen safety guidelines
- Accredited first responder training
- Global workshops and conferences
- Participation to CHS prioritization activities
- Access to a support line
- Member company access to the Pacific Northwest National Laboratory Hydrogen Safety Panel (HSP) for independent safety evaluation of projects and facilities including:
 - HSP review of designs and specifications, risk assessments, safety plans, and facility operations
 - HSP investigation of safety-related incidents

2050 POTENTIAL IMPACT

\$2.5 TRILLION
ANNUAL REVENUE

30 MILLION
JOBS

18%
TOTAL ENERGY DEMAND

6 GIGATONNES
CO₂ EMISSIONS PREVENTED

AIChE in Partnership with PNNL

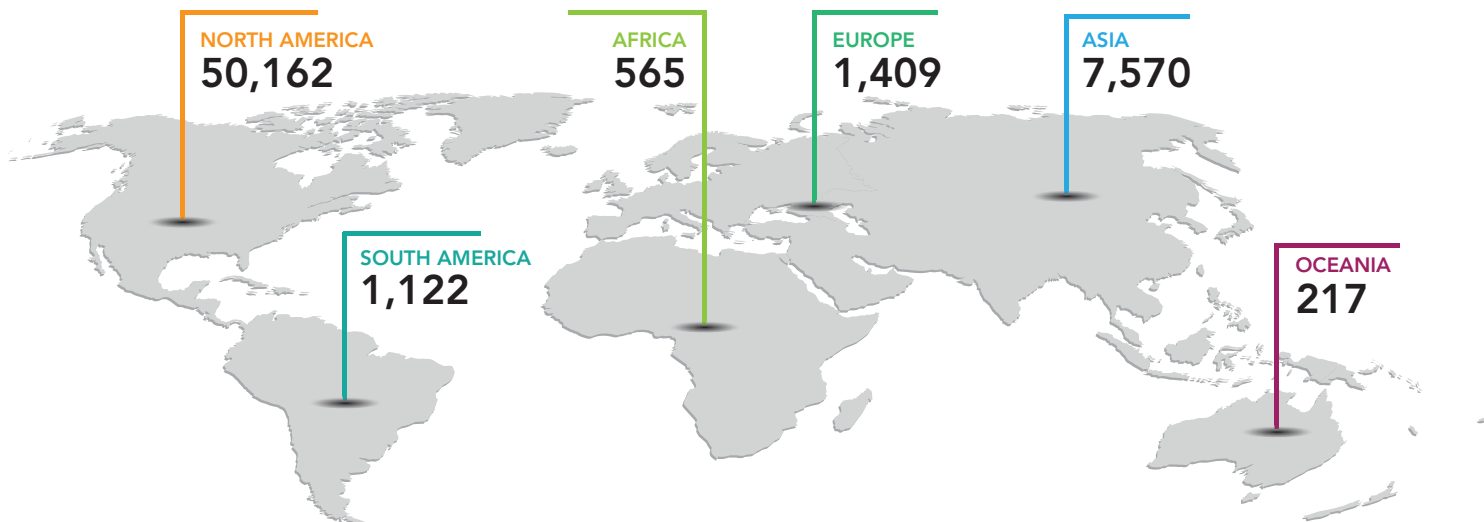
Access To And Utilization Of Hydrogen Tools Portal At
www.aiche.org/chs for dissemination of information.



60,000+
TOTAL MEMBERS



110
COUNTRIES



**MORE THAN
17 GLOBAL CONFERENCES &
REGIONAL MEETINGS**

- ▶ SAN ANTONIO, TEXAS (GLOBAL CONGRESS ON PROCESS SAFETY)
- ▶ AUSTRALIA
- ▶ CHINA
- ▶ JAPAN
- ▶ ARGENTINA
- ▶ BAHRAIN
- ▶ COLOMBIA
- ▶ MALAYSIA
- ▶ BRAZIL
- ▶ FRANCE
- ▶ PRAGUE
- ▶ CANADA
- ▶ GERMANY
- ▶ SPAIN

CENTER FOR Hydrogen SAFETY	MEMBERSHIP TYPE	EXECUTIVE BOARD	GOVERNMENT/ NATIONAL LABS	LARGE/MEDIUM INDUSTRY	SMALL INDUSTRY/ UNIVERSITY
Benefits					
Access to HSP for questions/limited support		■	■	■	■
Discounted HSP review charges - 25%		■	■		
Discounted HSP review charges - 15%				■	
Discounted HSP review charges - 10%					■
Hydrogen Safety Training Webinar		■	■	■	
Online training materials and info packets		■	■	■	■
Academia-wide webinar		■			■
H ₂ Tools Website - Access for providing specific Government hydrogen safety information			■		
Invitation to attend annual HSP meeting		■	■	■	
Participation in CHS prioritization activities		■	■	■	
Conference discounts and participation in planning committee		■	■	■	■
Involvement in CHS Board		■			
Company logo included on CHS members page		■	■	■	■