



SELECTED ABBREVIATIONS AND ACRONYMS

CHAIRMAN'S REPORT	
SFOE	Swiss Federal Office of Energy
HYSAFE	International Association of Hydrogen Safety
NOW	Nationale Organisation Wasserstoff-und Brennstoffzellentechnologie
DICP	Dalian Institute of Chemical Physics
EHEC	European Hydrogen Energy Conference
GRINM	General Research Institute for Nonferrous Metals
WHEC	World Hydrogen Energy Conference
IGRC	International Gas Union Research Conference
DGC	Danish Gas Technology Centre
UTRC	United Technologies Research Center
HYDROGEN REFUELING STATIONS	
NEET	Networks of Expertise in Energy Technology
LBST	Ludwig Bolkow Systemtechnik
FC2000	Fuel Cells 2000
NREL	National Renewable Energy Laboratory
CAFCP	California Fuel Cell Partnership
NEDO	New Energy and Industrial Technology Development
NOW	Nationale Organisation Wasserstoff-und Brennstoffzellentechnologie
KHIA	Korean Hydrogen Industry Association Slides
FCW	Fuel Cell Works
SECRETARIAT'S REPORT	
REWP	Renewable Energy Working Party
CERT	IEA Committee on Energy Research and Technology
UNIDO	United Nations Industrial Development Organization
HYSAFE	International Association of Hydrogen Safety
NOW	Nationale Organisation Wasserstoff-und Brennstoffzellentechnologie
TASK 29	
AIST	National Institute of Advanced Industrial Science and Technology
CRES	Centre for Renewable Energy Sources
CHP	Combined Heat and Power
DC/AC	Direct Current/Alternating Current
TASK 32	
MH2016	International Symposium on Metal-Hydrogen Systems



TASK 33	
FCVS	Fuel Cell Vehicles
FCEVS	Fuel Cell Electric Vehicles
GDF SUEZ	Gaz de France and Suez
SOLID OXIDE ELECTROLYSIS	SOEC
SNG	syngas or upgraded biogas
CAPEX	capital expenditures
OPEX	operating expenses
TASK 34	
INRA	Laboratory of Environmental Biotechnology (France)
GEPEB	Génie die Procédés Energétique et Biosystèmes
CEA	French Alternative Energies and Atomic Energy Commission
ISE-CNR	Institute for Ecosystem Study, National Research Council
ENSOLTEK	Korea Institute of Ocean Science and Technology
TASK 35	
NREL	National Renewable Energy Laboratory
STCH	Solar-Thermochemical Water Splitting
PEC	Photoelectrochemical
TASK 36	
LCA	Life Cycle Assessment
LCC	Life Cycle Costing
SLCA	Social Life Cycle Assessment
LCSA	Life Cycle Sustainability Assessment
ENEA	Italian National Agency for New Technologies
FZ JULICH	Julich Research Center, Germany
AUSTRALIA	
RET	Renewable Energy Target
CEI	Clean Energy Initiative
ASI	Australian Solar Institute
ARC	Australian Research Council
ARENA	Australian Renewable Energy Agency
CSP	Concentrated Solar Power Systems
NHMA	The National Hydrogen Materials Alliance
CSIRO	Commonwealth Scientific and Industrial Research Organisation
ANSTO	Australian Nuclear Science and Technology Organization





DENMARK	
DGC	Danish Gas Technology Center
DKK	Danish krone
PEM	Polymer electrolyte membrane; proton exchange membrane
FINLAND	
CHP	combined heat and power
SOFC	solid oxide fuel cells
N.ERHGY	a Belgian non-profit association founded coincident with the Joint Undertaking (JU)
VTT	Technical Research Center of Finland
TKK	Aalto University School of Science and Technology
EUROPEAN COMMISSION	
DGC	Danish Gas Technology Center
ENER	DG Energy
MOVE	DG Transport and Mobility
R&I	DG Research and Innovation
JRC	Directorate-General Joint Research Centre
FCH JU	European Fuel Cells and Hydrogen Joint Undertaking
FCH 2 JU	European Fuel Cells and Hydrogen Joint Undertaking Second Phase
FP	European Framework Programs
GERMANY	
NIP	National Hydrogen and Fuel Cell Technology Innovation Programme
NOW	Nationale Organisation Wasserstoff-und Brennstoffzellentechnologie
CEP	Clean Energy Partnership
BMBF	Federal Ministry of Education and Research
ITALY	
ENEA	Agency for New Technologies, Energy and Environment
MAWP	Multi Annual Working Plan
KPIS	Key Performance Indicators
N.ERGHY	The New European Grouping on Fuel Cells and Hydrogen
FCH JU	Fuel Cells and Hydrogen Joint Undertaking
IPHE	International Partnership for Hydrogen and Fuel Cells in the Economy
RER	Regional Energy Plan
INGRID	high-capacity hydrogen-based green-energy storage solutions for grid balancing
COMETHY	Compact Multifuel-Energy To Hydrogen converter
EDEN	High Energy DENsity Mg-Based metal hydrides storage system
PEM	Proton Exchange Membrane; Polymer Exchange Membrane
PCS	Power Conversion System



JAPAN	
NEDO	New Energy and Industrial Technology Development
PEFC	Polymer Electrolyte Fuel Cell
SOFC	Solid Oxide Fuel Cell
HRS	Hydrogen Refueling Station
NEW ZEALAND	
MNBE	Ministry of Business, Innovation and Employment
CI	Callaghan Innovation
HTDC	Hydrogen Technology Development Committee
THE NETHERLANDS	
ECN	Energy Research Center for the Netherlands
NORWAY	
FCH JU	Fuel Cells and Hydrogen Joint Undertaking
NOK	Norwegian Krone
HYOP	a Norwegian company established to operate HRS
CHIC	Clean Hydrogen in European Cities
ENERGIX	The Research Council of Norway Large-Scale Programme for Energy Research
SPAIN	
PIMA	a program focused on the environmental issues related to climate change
CLIMA	a program focus on decreasing emissions in the transport, residential and wastes sectors
LIFE-AQUASEF	project focused on introducing new technologies such as solar energies and fuel cells to the aquaculture sector, to improve its energetic, economical and environmental capacities.
SWEDEN	
FFI	(Fordonstrategisk Forskning och Innovation) Swedish Strategic Vehicle Research and Innovation Program
PEFC	Polymer Electrolyte Fuel Cell
SWITZERLAND	
CORE	Swiss Federal Energy Research Commission
SFOE	The Swiss Federal Office of Energy
THE NETHERLANDS	
I&M	Dutch Infrastructure and Environment Ministry
TEN-T	EU Trans-European Transport Networks
HIT	Hydrogen Infrastructure for Transport
NIP	National Implementation Plan
DNVGL	Dutch Project Office for New Natural Gas





UK	
EMR	Electricity Market Reform
CFD	Contract for Difference is a private law contract between a low carbon electricity generator and the Low Carbon Contracts Company (LCCC)
DECC	Department of Energy and Climate Change
UNITED STATES	
DOE	US Department of Energy
MEA	Membrane Electrode Assembly
HYSAFE	
HYSAFE	The International association for Hydrogen Safety
AVT	Tchouvelev & Associates, Inc
KIT	Karlsruhe Institute of Technology
ICHS	International Conference for Hydrogen Safety
NOW GMBH	
NOW GMBH	National Organization Hydrogen and Fuel Cell Technology
NIP PROGRAM	Hydrogen and Fuel Cell Technology
BMVI	Electromobility Model Regions Program of the Federal Ministry of Transport and Digital Infrastructure