

HyDelta

WPO – Coordination

D0.3 – References database

Status: final

Dit project is medegefinancierd door TKI Nieuw Gas | Topsector Energie uit de PPS-toeslag onder referentienummer TKI2020-HyDelta.

Document summary

Corresponding author

Corresponding author	Salar Mahfoozi
Affiliation	New Energy Coalition (NEC)
Email address	s.mahfoozi@newenergycoalition.org

Document history

Version	Date	Author	Affiliation	Summary of main changes
1	25-Mar-2022	Salar Mahfoozi	NEC	First version
2	30-May-2022	Salar Mahfoozi	NEC	Addition of new references

Dissemination level

Dissemination Level		
PU	Public	X
R1	Restricted to <ul style="list-style-type: none"> Partners including Expert Assessment Group Other project participants including Sounding Board External entity specified by the consortium (please specify) 	
R2	Restricted to <ul style="list-style-type: none"> Partners including Expert Assessment Group Other project participants including Sounding Board 	
R3	Restricted to <ul style="list-style-type: none"> Partners including Expert Assessment Group 	

Document review

Partner	Name
NEC	Julio Garcia-Navarro
Gasunie	Udo Huisman
NBNL	Stefanie van Kleef

Executive summary

Up to the time of writing this document, the HyDelta project had completed a total of **37** deliverables. Within these deliverables that are primarily the result of scientific research (either as desk research or experiments, often as a combination of both), a relatively large number of references was identified.

The references contained in the HyDelta deliverables serve as an acknowledgement of the previous work that was done in the respective subjects of the HyDelta program, as well as an identification of potential sources of future information regarding the topics that were covered during HyDelta.

We have gathered a total of **1259** references from all the HyDelta deliverables (up to the date of writing).

The references have been classified as follows:

Table 1. Classification of the references in the HyDelta project.

• Research paper	• Web article
• Peer-reviewed article	• Presentation
• Standard	• Conference proceeding
• White paper	• Miscellaneous
• MSc. thesis	• Directive
• Book section	• Manual
• Interview	• Film
• Web page	• Models

Below is a table with the number of references per WP:

Table 2. Number of references per work package.

Work package	No. of References
WP1 (Including work packages 1A, 1B, 1C, 1D, 1E, and 1F)	234
WP2	74
WP3	8
WP4	6
WP7 (Including work packages 7A, 7B, and 7C)	523
WP8	328
Other	86
Total	1259

We have classified the references per work package and per deliverable number, and we added a category called ‘others’ that identify references that were not contained in the deliverables themselves, but that the work package leaders shared with us e.g., in the form of research inventories.

Samenvatting

Tot aan de datum van het schrijven van dit rapport waren in het kader van het HyDelta project in totaal **37** deliverables (dvz, onderzoeksrapporten) voltooid. Binnen deze deliverables, die voornamelijk het resultaat zijn van wetenschappelijk onderzoek (hetzij als deskresearch, hetzij als experimenten, vaak als een combinatie van beide), is een relatief groot aantal referenties geïdentificeerd.

De referenties in de HyDelta documenten dienen als erkenning van het eerdere werk dat is verricht op het gebied van de respectieve onderwerpen van het HyDelta programma, alsmede als identificatie van potentiële bronnen van toekomstige informatie over de onderwerpen die tijdens HyDelta zijn behandeld.

We hebben in totaal **1259** referenties verzameld uit alle HyDelta.

De referenties zijn als volgt ingedeeld:

Tabel 3. Indeling van de referenties in het HyDelta-project

• Research paper (onderzoeksartikel)	• Webartikel
• Peer-reviewed artikel	• Presentatie
• Standaard	• Conferentieverslagen
• White paper	• Diversen
• MSc. proefschrift	• Richtlijn
• Sectie van een boek	• Handboek
• Interview	• Film
• Webpagina	• Modellen

Hieronder staat een table met het aantal verwijzingen per werkpakket:

Tabel 4. Aantal referenties per werkpakket.

Werkpakket	Aantal referenties
WP1 (inclusief werkpakketten 1A, 1B, 1C, 1D, 1E, en 1F)	234
WP2	74
WP3	8
WP4	6
WP7 (inclusief werkpakketten 7A, 7B, em 7C)	523
WP8	328
Overige	86
Total	1259

Wij hebben de referenties ingedeeld per werkpakket en per nummer van elke deliverable, en wij hebben een categorie "overige" toegevoegd, waarin de referenties zijn opgenomen die niet in de deliverables zelf waren opgenomen, maar die de leiders van de werkpakketten met ons hebben gedeeld, bijvoorbeeld in de vorm van onderzoeksinventarissen.

Table of contents

Document summary	2
Executive summary	3
Samenvatting.....	4
Introduction.....	6
1. WP1A.....	7
2. WP1B	Error! Bookmark not defined.
3. WP1C.....	12
4. WP1D.....	17
5. WP1E	18
6. WP1F	21
7. WP2	22
8. WP3	27
9. WP4	28
10. WP7A.....	29
11. WP7B	43
12. WP8	52

Introduction

Up to the time of writing this document, the HyDelta project had completed a total of **37** deliverables. Within these deliverables that are primarily the result of scientific research (either as desk research or experiments, often as a combination of both), a relatively large number of references was identified.

The references contained in the HyDelta deliverables serve as an acknowledgement of the previous work that was done in the respective subjects of the HyDelta program, as well as an identification of potential sources of future information regarding the topics that were covered during HyDelta.

We have gathered a total of **1259** references from all the HyDelta deliverables (up to the date of writing).

The references have been classified as follows:

Table 5. Classification of the references in the HyDelta project.

• Research paper	• Web article
• Peer-reviewed article	• Presentation
• Standard	• Conference proceeding
• White paper	• Miscellaneous
• MSc. thesis	• Directive
• Book section	• Manual
• Interview	• Film
• Web page	• Models

Below is a table with the number of references per WP:

Table 6. Number of references per work package.

Work package	No. of References
WP1 (Including work packages 1A, 1B, 1C, 1D, 1E, and 1F)	234
WP2	74
WP3	8
WP4	6
WP7 (Including work packages 7A, 7B, and 7C)	523
WP8	328
Other	86
Total	1259

We have classified the references per work package and per deliverable number, and we added a category called ‘others’ that identify references that were not contained in the deliverables themselves, but that the work package leaders shared with us e.g., in the form of research inventories.

1. WP1A

Deliverable Number	Category	Title	Author or Organization	Year
D1A.1	Research paper	„HyDelta, WP1a- Veiligheid en Waterstof: D1a_2-deel1 – Kwantitatieve risicoanalyse van waterstof in het distributienet met aanvullende experimenten en aanbevelingen voor maatregelen”.	HyDelta	2021
D1A.1	Presentation	„Experimental testing domestic pipework leakage presentation,” Online symposium Hy4Heat, 21-10-2021.	Hy4Heat	2021
D1A.1	Miscellaneous	„H21 fase 1 Technical Summary Report May 2021,” HSE Science Division, https://www.h21 .	H21	2021
D1A.1	Miscellaneous	H21, „QRA Model for Hydrogen Gas Distribution Networks, Northern Gas Networks, 10078380-2, Rev. 0, 29-10-2020”.	H21	2020
D1A.1	Miscellaneous	„Hy4heat july 2021 Hy4heat Work Packages: WP1 Programme Management WP2 Hydrogen Quality Standard WP3 Appliance Certification WP4 Domestic Appliances WP5 Commerical Appliances WP6 Industrial Appliances WP7 Safety Assessment WP8 Demonstration Facilities,” HSE Department for Business, Energy & Industrial Strategy, WP9 Community Trial Peparation WP10 Developing Hydrogen Gas Meters, https://www.h4heat:info/WP7 .	Hy4Heat	2021
D1A.1	Research paper	„Waterstof in aardgas op Ameland,” Netbeheer Nederland	NBNL	2012
D1A.1	Research paper	„Toekomstige gasdistributienetten (risico-inventarisatie),” Netbeheer Nederland	NBNL	2018
D1A.1	Research paper	„Affakkelen en afblazen van waterstof,” Netbeheer Nederland	NBNL	2021
D1A.1	Research paper	Gasunie, „Rapport Gasunie (incl. risicoinventarisatie), GT-200311”.	Gasunie	?
D1A.1	Research paper	„Spoelen van waterstofleidingen,” Netbeheer Nederland	NBNL	2021
D1A.1	Research paper	„Rapport sectioneren waterstofnetten,” Netbeheer Nederland	NBNL	2021
D1A.1	Research paper	„De verspreiding van aardgas en waterstof in de bodem,” Netbeheer Nederland	NBNL	2021
D1A.1	Research paper	„Gedrag van waterstof bij lekkages in het gasdistributienet,”	NBNL	2021
D1A.1	Research paper	„Kiwa/Gastec UK 2015: Safety Issues Hydrogen as an energy storage vector,” Change, Department of Energy & Climate	Kiwa/Gastec UK	2015
D1A.1	Research paper	„H21 Leeds City Gate,” Leeds City Gate	H21	?
D1A.1	Research paper	H21, „Risk Predictions for Hydrogen Gas Distribution Networks, 10078380-3, Rev. 0, 29-10-2020,”	H21	2020

D1A.1	Research paper	„GT-200137 - Methaanemissie voor gasdistributie 2019,” Netbeheer Nederland, juli 2020.	NBNL	2020
D1A.1	Miscellaneous	„Ministry of Housing, Communities & Local Government, English Housing Survey, Headline Report, 2018-19”.	UK Ministry of Housing, Communities & Local Government	2019
D1A.1	Miscellaneous	RIDGAS- Gas related incidents reported in Great Britain	RIDGAS - HSE - UK	?
D1A.1	Research paper	„GT-210146 Gasdistributie-incidenten jaaroverzicht 2020,” Netbeheer Nederland, 25 augustus 2021.	NBNL	2020
D1A.1	Research paper	„Registratie van gasinstallatieongevallen achter de meter; jaaroverzicht 2020,” Netbeheer Nederland, 2021.	NBNL	2020
D1A.1	Research paper	„Onderzoeksraad voor Veiligheid, Koolmonoxide Onderschat en onbegrepen gevaar,” www.onderzoeksraad.nl, november 2015.	Onderzoeksraad	2015
D1A.1	Research paper	„WP 7 Safety Assessment: Conclusions Report,” Hy4Heat.	Hy4Heat	2021
D1A.1	Research paper	„Het niveau van veiligheid in gasdistributienetwerken- een benchmark studie,” SEO, november 2012, rapport nr 2012-89.	SEO	2012
D1A.1	Research paper	„WP7 Safety Assessment: Conclusions report inc. QRA”.	Hy4Heat	2021
D1A.1	Research paper	„HyDeploy 2: Gas Characteristics-Historical Incident Data Review,” May 2020.	HyDeploy 2	2020
D1A.1	Research paper	„Steer Energy Report: Safety Assessment Suitability of Hydrogen in Existing Buildings May 2020”.	Hy4Heat	2020
D1A.1	Research paper	„WP 7 Safety Assessment: Gas Dispersion Modelling Assessment”.	Hy4Heat	2020
D1A.1	Research paper	„Wp 7: Hy4heat Safety Assessment Consequence Modelling Report,” 21-10-2021.	Hy4Heat	2021
D1A.1	Research paper	„CVD productcertificatie Gastec Qa 'Keuringseis 214; geschiktheid van gasdistributie en installatiematerialen voor bijmenging met waterstof en volledig waterstofgas,” concept, oktober 2021.	Kiwa	2021
D1A.1	Research paper	„DNV-GL Rapport voor NBN: Gedrag van waterstof bij lekkages in het gasdistributienet Report nr OGNL 184991, paragraaf 2.2.3”.	DNV-GL/NBNL	2020
D1A.1	Research paper	„Betrouwbaarheid van gasdistributienetten in Nederland-resultaten 2020-GT210055 versie 1.0,” Netbeheer Nederland, 2020 .	NBNL	2020
D1A.1	Research paper	„Methaanemissie voor gasdistributie 2018,” Netbeheer Nederland, Apeldoorn, 2019.	NBNL	2019
D1A.1	Research paper	„Veiligheidsindicator 2019, rapport nummer GT-200249,” Netbeheer Nederland, oktober 2020.	NBNL	2020

D1A.1	Research paper	„WP 7 Safety Assessment: Gas Escape Frequency and Magnitude Assessment, KIW-WP7-HSE-REP-0001,” 1.0 1 May 2021.	Hy4Heat	2021
D1A.1	Research paper	A. Kooiman, „GT 180233 Eerste inventarisatie naar waterstofuitstroming bij kleine toelaatbare lekken,” Netbeheer Nederland.	NBNL	2019
D1A.1	Research paper	H. Salomons en H. Rijpkema, „Risks involved in the use of hydrogen instead of natural gas” (D1C.5) in Dutch,” HyDelta, 24-02-2022.	HyDelta	2022
D1A.1	Research paper	„HY4HEAT WP7 LOT2: PHASE 1 AND 2 Cupboard Level Leakage and Accumulation Data Report Department for Business, Energy & Industrial Strategy Report No.: 630650, Rev. 3 FINAL,” Document No.: 630650 Date: 2020-08-0.	Hy4Heat	2020
D1A.1	Research paper	„WP 7 Safety Assessment: Gas Dispersion Data Analysis,” Hy4Heat.	Hy4Heat	2022
D1A.1	Research paper	„H21 Phase 1 technical summary report hoofdstuk 5”.	H21	?
D1A.1	Miscellaneous	„Bouwbesluit 2012 artikel 3.29”.	Ministerie van Binnenlandse Zaken en Koninkrijksrelaties	2012
D1A.1	Research paper	„H21 PHASE 1B, WBS3: Ignition Potential Testing, Report No.: 118HH76J-10, Rev. 1 FINAL,” Northern Gas Networks, 2020.	H21 Phase	2020
D1A.1	Research paper	„H4heat - Work package 7 safety assessment; Gas Ignition and Explosion Data analysis,” juli 2021.	Hy4Heat	2021
D1A.1	Research paper	H. Salomons en H. Rijpkema, „Development of 100% hydrogen compatible domestic components (D1C6),” HyDelta, https://zenodo.org/hydelta .	HyDelta	2022
D1A.2	Research paper	KIWA, DNV, „Hydelta D1a_1 Uitkomsten onderzoeken Verenigd Koninkrijk Hy4Heat en H21 vertaald naar Nederlandse situatie,” 2022.	Kiwa	2022
D1A.2	Research paper	DNV, „Gedrag van waterstof bij lekkages in het distributienet,” 2020.	DNV	2020
D1A.2	Research paper	DNV, „H21, QRA model for hydrogen gas distribution networks,” DNV report 10078380-2 Rev 0, 2020.	DNV	2020
D1A.2	Research paper	DNV, „H21, Risk predictions for hydrogen gas distribution networks,” DNV report 10078380-2 Rev 0, 2020.	DNV	2020
D1A.2	Peer-reviewed article	M. Acton, A. Halford en A. Phillips, „Quantification of the Risks Associated with a Hydrogen Gas Distribution Network,” in <i>Hazards 30 (paper accepted)</i> , Manchester, November 2021.	M. Acton et al.	2021
D1A.2	Research paper	DNV GL, „Rapport proefopstelling verspreiding waterstof in de meterkast,” 2020.	DNV GL	2020

D1A.2	Research paper	H. Top, „Onderzoek aan een Rinnai RC 204 W-1 afvoerloze kachel met geforceerde convectie,” N.V. Nederlandse Gasunie, Rapport TP/M 92.R.1008, 1992.	Gasunie	1992
D1A.2	Research paper	DNV, „Investigation into the cross-sensitivity of domestic carbon monoxide alarms to hydrogen,” in <i>ICHS</i> , 2021.	DNV	2021
D1A.2	Research paper	DNV, „Verkenning metingen naar gebruik CO melders voor waterstof detectie - Hydrogreenn,” 2019.	DNV	2019
D1A.2	Research paper	KIWA Technology, „Betrouwbaarheid van gasdistributienetten in Nederland,” Netbeheer NL, 2018.	Kiwa	2018
D1A.2	Research paper	M. Acton en B. Smith, „The Development and Application of Risk Assessment Techniques for Gas Distribution Pipelines”, „” in <i>Rio Oil & Gas Conference, IBP24000</i> , 2000.	M. Acton, B. Smith	2000
D1A.2	Research paper	DNV GL, „Thermal radiation properties of large hydrogen leaks from gas distribution networks,” in <i>ICHS</i> , Adelaide, 2019.	DNV GL	2019
D1A.2	Peer-reviewed article	M. Acton, A. Halford, P. A., R. Oxley en D. Evans, „Quantification of the risks associated with a hydrogen gas distribution network,” in <i>Hazards 31 Conference</i> , 2021.	M. Acton et al.	2021
D1A.2	Research paper	DNV, „H21, QRA model for hydrogen gas distribution networks,” DNV report 10078380-2 Rev 0, 2020.	DNV	2020
D1A.2	Research paper	DNV, „H21, Risk predictions for hydrogen gas distribution networks,” DNV report 10078380-2 Rev 0, 2020.	DNV	2020
D1A.2	Peer-reviewed article	M. Acton, A. Halford en A. Phillips, „Quantification of the Risks Associated with a Hydrogen Gas Distribution Network,” in <i>Hazards 30 (paper accepted)</i> , Manchester, November 2021.	M. Acton et al.	2021
D1A.2	Research paper	KIWA Technology, „Betrouwbaarheid van gasdistributienetten in Nederland,” Netbeheer NL, 2018.	Kiwa	2018
D1A.2	Research paper	KIWA, DNV, „D1a_1_HyDelta_Uitkomsten_onderzoeken_UK,” 2022.	Kiwa/DNV	2022
D1A.2	Peer-reviewed article	M. Acton en B. Smith, „The Development and Application of Risk Assessment Techniques for Gas Distribution Pipelines”, „” in <i>Rio Oil & Gas Conference, IBP24000</i> , 2000.	M. Acton, B. Smith	2000
D1A.2	Research paper	DNV GL, „Thermal radiation properties of large hydrogen leaks from gas distribution networks,” in <i>ICHS</i> , Adelaide, 2019.	DNV GL	2019

D1A.2	Peer-reviewed article	A. H. A. P. R. O. D. E. M. Acton, „Quantification of the risks associated with a hydrogen gas distribution network,” in <i>Harards 31 Conference</i> , 2021.	M. Acton et al.	2021
D1A.2	Research paper	DNV GL, „Rapport proefopstelling verspreiding waterstof in de meterkast,” 2020.	DNV GL	2020
D1A.2	Research paper	H. Top, „Onderzoek aan een Rinnai RC 204 W-1 afvoerloze kachel met geforceerde convectie,” N.V. Nederlandse Gasunie, Rapport TP/M 92.R.1008, 1992.	Gasunie	1992
D1A.2	Research paper	DNV, „Investigation into the cross-sensitivity of domestic carbon monoxide alarms to hydrogen,” in <i>ICH5</i> , 2021.	DNV	2021
D1A.2	Research paper	DNV, „Verkenning metingen naar gebruik CO melders voor waterstof detectie - Hydrogreenn,” 2019.	DNV	2019
D1A.2	Research paper	DNV, „Gedrag van waterstof bij lekkages in het distributienet,” 2020.	DNV	2020

3. WP1C

Deliverable Number	Category	Title	Author/Organization	Year
D1C.4	miscellaneous	notitie tbv test waterstof in container te Groningen INTERN versie 21 okt 2020 - [interne notitie Johan Jonkman, RENDO 2020].	REND0	2020
D1C.4	miscellaneous	2021-02-RN Openingspiek WMRG regelaar vergeleken bij lucht en waterstof [Rinie Neelen, gAvilar].	gAvilar	2021
D1C.4	miscellaneous	W 20201221_gAvilar B.V._AR 214_106761-01 certificaat regelaar [Uitgave Kiwa NV].	Kiwa	2020
D1C.4	miscellaneous	Keuringseis 214: 2019 Geschiktheid voor bijmenging tot en met 100% waterstofgas	Kiwa	2019
D1C.5	miscellaneous	Onderzoeksraad_voor_Veiligheid, Koolmonoxide; Onderschat en onbegrepen gevaar, den Haag: Onderzoeksraad voor veiligheid, 2015.	Onderzoeksraad voor veiligheid	2015
D1C.4	presentation	Bevindingen Helium testen WMRG 14-11-2018 - 02-2021 [power point presentatie gAvilar 2021].	gAvilar	2021
Other	Research paper	"Spoelen van waterstofleidingen", rapport GT-200289	Kiwa Technology	2021
Other	Research paper	"Affakkelen en afblazen van waterstof", rapport GT-200096,	Kiwa Technology	2021
Other	Research paper	Onderzoek naar kwaliteit van huisdrukregelaars in het veld GT-130058	Kiwa Technology	2013
Other	Research paper	Kiwa Rapport GT 150028 - DNWB Huisdrukregelaars 05062015. -	Kiwa Technology	2015
Other	Research paper	notitie tbv test waterstof in container te Groningen INTERN versie 21 okt 2020 -	Rendo	2020
Other	Research paper	Kiwa-Permeatie gAvilar drukregelaars Liander Def 2018.12.10	Kiwa Technology	2018
Other	Research paper	2021-02-RN Openingspiek WMRG regelaar vergeleken bij lucht en waterstof	gAvilar	2021
Other	Research paper	Bevindingen Helium testen WMRG 14-11-2018 - 02-2021 (ppt-presentatie)	gAvilar	2021
Other	Research paper	Toekomstbestendige gasdistributienetten – GT-170272	Kiwa Technology	2017
Other	Research paper	Eerste inventarisatie naar waterstofuitstromen bij kleine toelaatbare lekken – GT-180259	Kiwa Technology	2018

Other	Research paper	De verspreiding van aardgas en waterstof in de bodem – GT-200302	Kiwa Technology	2020
Other	Research paper	Hy4Heat Work package 7 Safety Assessment: Experimental Testing - Domestic Pipework Leakage	Hy4Heat	2020
Other	Research paper	Hy4Heat Work package 7 Safety Assessment: Gas Ignition and Explosion Data Analysis	Hy4Heat	2021
Other	Research paper	Onderzoek bij Kiwa naar plaatsing waterstofsensoren in een meterkast	TU Delft	2021
Other	Research paper	VWI G-12: LD-aansluitleidingen veilig beproeven op sterkte en dichtheid versie 15-04-2021		2021
Other	Research paper	Gedrag van waterstof bij lekkages in het gasdistributienet, Report No. OGNL. 184991	DNV-GL	2018
Other	Research paper	Basisgegevens aardgassen	Nederlandse Gasunie	1980
Other	Research paper	USBM-503 Limits of Flammability of gases and vapors	Coward en Jones	1952
Other	Research paper	„VIAG Veiligheidsinstructie Aardgas G-07; Binneninstallaties en meteropstellingen ≤G25 veilig beproeven op dichtheid, versie 15-04-2021,“	Netbeheer Nederland	2021
Other	Research paper	„Registratie van gasinstallatieongevallen achter de meter; jaaroverzicht 2020,“	Kiwa Technology	2021
Other	Research paper	Onderzoeksraad_voor_Veiligheid Koolmonoxide; Onderschat en onbegrepen gevaar, den Haag: Onderzoeksraad voor veiligheid, 2015.	Onderzoeksraad voor Veiligheid	2015
Other	Research paper	H21_Project, „H21 Phase 1 Technical Summary Report,“	H21	2021
Other	Research paper	Onderzoek naar waterstofuitstroom bij kleine toelaatbare lekken; Kiwa GT-180259	Kiwa Technology	2018
D1C.1	Research paper	A.J. Kooiman, C. Lock en C.J.A. Pulles, “Spoelen van waterstofleidingen”, Kiwa Technology, rapport GT-200289, maart 2021	Kiwa	2021
D1C.1	Research paper	C.J.A. Pulles, J.C. de Laat en C. Lock, "Affakkelen en afblazen van waterstof", Kiwa Technology, rapport GT-200096, april 2021.	Kiwa	2021
D1C.2	Research paper	Gedrag van waterstof bij lekkages in het gasdistributienet -DNVGL 184991	DNVGL	2020

D1C.2	Research paper	Basisgegevens aardgassen – 1980 Nederlandse Gasunie	Gasunie	1980
D1C.2	Research paper	Hy4Heat Work package 7 Safety Assessment: Gas Ignition and Explosion Data Analysis	Hy4Heat	2021
D1C.2	Research paper	USBM-503 Limits of Flammability of gases and vapors - Coward and Jones	USBM	1952
D1C.2	Research paper	Toekomstbestendige gasdistributienetten – Kiwa GT-170272	Kiwa	2018
D1C.2	Research paper	Hy4Heat Work package 7 Safety Assessment: Experimental Testing - Domestic Pipework Leakage	Hy4Heat	2021
D1C.2	Research paper	Eerste inventarisatie naar waterstofuitstromen bij kleine toelaatbare lekken – Kiwa GT-180259	Kiwa	2019
D1C.2	Research paper	De verspreiding van aardgas en waterstof in de bodem – Kiwa GT-200302	Kiwa	2021
D1C.4	Research paper	Onderzoek naar kwaliteit van huisdrukregelaars in het veld GT-130058 - [Arend Herwijn en Michiel van der Laan, Kiwa 2013]	Kiwa	2013
D1C.4	Research paper	Kiwa Rapport GT 150028 - DNWB Huisdrukregelaars 05062015. - [Michiel van der Laan, Kiwa 2015].	Kiwa	2015
D1C.4	Research paper	Kiwa-Permeatie gAvilar drukregelaars Liander Def 2018.12.10 - [Arie Kooiman, Kiwa 2018].	Kiwa	2018
D1C.5	Research paper	Sophie_Brown.e.a., „Hy4Heat WP7 Safety Assessment: Conclusions Report,” Ove Arup & Partners Ltd, London, 2021.	Ove Arup & Partners	2021
D1C.5	Research paper	ir.H.J.M.Rijkema, „Registratie van gasinstallatieongevallen achter de meter; jaaroverzicht 2020,” Kiwa Technology, Apeldoorn, 2021.	Kiwa	2021
D1C.5	Research paper	H21_Project, „H21 Phase 1 Technical Summary Report,” H21, May 2021.	H21 Project	2021
D1C.5	Research paper	DNV-GL, „Gedrag van waterstof bij lekkages in het gasdistributienet,” DNV-GL, Groningen, 2020.	DNV-GL	2020
D1C.5	Research paper	ing.J.Caanen, „Onderzoek naar waterstofuitstroom bij kleine toelaatbare lekken; Kiwa GT-180259,” Kiwa Technology, Apeldoorn, 2018.	Kiwa	2018
D1C.5	Research paper	ing.R.Hermkens.e.a., „Toekomstbestendige gasdistributienetten,” Kiwa Technology, Apeldoorn, 2018.	Kiwa	2018

D1C.5	Research paper	Nikhil_Hardy.e.a., „Hy4Heat WP7 Safety Assessment: Gas Ignition and Explosion Data Analysis,” Kiwa Gastec UK, Cheltenham UK, Mei 2021.	Kiwa	2021
D1C.5	Research paper	N.Ryan.e.a., „Hy4Heat WP7 Safety Assessment: Experimental Testing - Domestic Pipework Leakage,” H4Heat, 2021.	Hy4Heat	2021
Other	Standard	NEN 7239: 2018 Huisdrukregelaars, gasgebrekbeveiligingen en combinatieregelaars voor aansluitingen met een capaciteit van maximaal 10 m3 en een inlaatdruk (MOPu) tot en met 200 mbar	NEN	2018
Other	Standard	Keuringseis 214: 2019 Geschiktheid voor bijmenging tot en met 100% waterstofgas	Kiwa N.V.	2019
Other	Standard	NEN 7244-7:2019	NEN	2019
Other	Standard	NPR 3378-2: 2013: tabel A.1	NEN	2013
D1C.2	Standard	NEN 7244-7:2019	NEN	2019
D1C.2	Standard	VWI G-12: LD-aansluitleidingen veilig beproeven op sterkte en dichtheid versie 15-04-2021	VWI	2021
D1C.2	Standard	Voorstel aanpassing lekdichtheidscriteria voor NEN normcommissie NEN 7244, dd 22 november 2013, inclusief bijlagen.		2013
D1C.2	Standard	NPR 3378-2: 2013: tabel A.1	NPR	2013
D1C.4	Standard	NEN 7239: 2018 Huisdrukregelaars, gasgebrekbeveiligingen en combinatieregelaars voor aansluitingen met een capaciteit van maximaal 10 m3 en een inlaatdruk (MOPu) tot en met 200 mbar		2018
D1C.5	Standard	NetbeheerNederland, „VIAG Veiligheidsinstructie Aardgas G-07; Binneninstallaties en meteropstellingen ≤G25 veilig beproeven op dichtheid, versie 15-04-2021,” Netbeheer Nederland.	VIAG	2021
D1C.6	Standard	BSI, „PAS 4444 - Hydrogen-fired gas appliances. Guide,” https://shop.bsigroup.com/products/hydrogen-fired-gas-appliances-guide , 2020.	BSI	2020
D1C.6	Standard	NEN, „NEN-EN 437: Proefgassen - Proefdrukken - Toestelcategorieën,” Delft, 2021.	NEN	2021
D1C.6	Standard	NEN, „NEN-EN 15502; Met gas gestookte centrale verwarmingsketels (meerdere delen),” Delft.	NEN	2014
D1C.6	Standard	NEN, NEN 1078: Voorziening voor gas met een werkdruk tot en met 500 mbar - Prestatie-eisen - Nieuwbouw, Delft: NEN, 2018.	NEN	2018
D1C.6	Standard	NEN, NEN 8078: Voorziening voor gas met een werkdruk tot en met 500 mbar - Prestatie-eisen - Bestaande bouw, Delft: NEN, 2018.	NEN	2018
D1C.6	Standard	NEN, NEN-EN 1775: Gasvoorziening - Gasleidingen in gebouwen - Maximale werkdruk kleiner of gelijk aan 5 bar - Functionele aanbevelingen, Delft: NEN, 2007.	NEN	2007

D1C.6	Standard	NEN, NEN-EN 15001-1 en- 2: Gasinfrastructuur - Gasinstallatieleidingen met bedrijfsdrukken groter dan 0,5 bar voor industriële en groter dan 5 bar voor industriële en niet-industriële gasinstallaties, Delft: NEN, 2009 en 2008.	NEN	2009
D1C.6	Standard	CvD productcertificatie Gastec Qa, „Keuringseis 214 - "Geschiktheid van gasdistributie- en installatiematerialen voor bijmenging met waterstof en volledig waterstofgas (concept)",” Kiwa Nederland, Apeldoorn, Oktober 2021.	Kiwa	2021
D1C.6	Standard	CEN/TC234, FprCEN/TR 17797: “Gas infrastructure - Consequences of hydrogen in the gasinfrastructure and identification of related standardization need in the scope of CEN/TC 234”, CEN, 2021.	CEN	2021
D1C.2	web page	https://www.engineeringtoolbox.com/gases-absolute-dynamic-viscosity-d_1888.html	Engineering Toolbox	2021
D1C.6	web page	Installatienieuws	Installatie	2021
D1C.6	web page	H. Bruining, Blog 3: Burgerhout Primeur, Waterstof en Energietransitie	Burgerhout	2021

4. WP1D

Deliverable Number	Category	Title	Author/Organization	Year
D1D.1	miscellaneous	Werkgroep Meterpool, Reglement Meterparkbeheer KV, Den Haag: Netbeheer Nederland, 2017.	Netbeheer Nederland	2017
D1D.1	miscellaneous	Werkgroep Meterpool, Uitvoeringsbepalingen, Den Haag: Netbeheer Nederland, 2017.	Netbeheer Nederland	2017
D1D.1	miscellaneous	Werkgroep Meterpool, Werkinsrtructie 3 Uitvoeren van controlemetingen, Den Haag: Netbeheer Nederland, 2017.	Netbeheer Nederland	2017
D1D.1	miscellaneous	H. de Laat and D. Rekers, “Normplan gasmeting rapportage 2020,” Netbeheer Nederland, Den Haag, 2021.	Netbeheer Nederland	2021
D1D.1	miscellaneous	Plenary Meeting, “october,” in CEN/TC 237 Gas meters, Brussels, 2021.	CEN	2021
D1D.1	Research paper	P. Götze, “Wasserstoffwirkung auf die Gaszählung,” DBI - Gastechnologisches Institut GmbH, Freiberg Germany, 2021.	DBI	2021
D1D.1	Research paper	TÜV-SÜD, “Hydrogen Domestic Gas Metering Test Facility,” TÜV SÜD National Engineering Laboratory, Glasgow, 2021.	TÜV-SÜD	2021
D1D.1	Research paper	M. MacDonald, “Hydrogen flow calibration facility for domestic gas meters (presentation),” National Engineering Laboratory (NEL) , 2020.	National Engineering Laboratory	2020

5. WP1E

Deliverable Number	Category	Title	Author/Organization	Year
D1E.1	conference proceeding	N. Albers, L. van Lier and M. van der Biezen, "Engineering approach for world's largest hydrogen compression system," in 11th EFRC Conference, Madrid, 2018.	N. Albers et al.	2018
D1E.1	conference proceeding	F. Sani, S. Nestic, F. Esaklul and S. Huizinga, Review of the API RP 14E erosional velocity equation: origin, applications, misuses and limitations, Nashville: NACE, 2019.	F. Sani et al.	2019
D1E.1	manual	Netbeheer Nederland, Handleiding Nestor Gas, versie 4.0, 1 1 2018.	Netbeheer Nederland	2018
D1E.1	miscellaneous	Gasunie Transport Services, Ontwerp Uitgangspunten transportsystemen, 1 7 2014.	Gasunie	2014
D1E.1	miscellaneous	Energy Institute, Guidelines for the Avoidance of Vibration Induced Fatigue Failure in Process Pipework, 2008.	Energy Institute	2008
D1E.1	Peer-reviewed article	M. Norton and M. Bull, "Mechanisms of the generation of external acoustic radiation from pipes due to internal flow disturbances," Journal of Sound and Vibration, vol. 1, no. 94, pp. 105-146, 1984.	M. Norton and M. Bull	1984
Other	Research paper	B31.12 Hydrogen Piping and Pipelines	ASME	2019
Other	Research paper	Guidelines for the avoidance of vibration induced fatigue failure in process pipework	Energy Institute	2008
Other	Research paper	14E - Recommended Practice for Design and Installation of Offshore Production Platform Piping Systems	API	1991
Other	Research paper	P-001 Process design	NORSOK	2006
Other	Research paper	DNVGL-RP-O501 Managing sand production and erosion	DNV-GL	2015
Other	Research paper	Engineering approach for world's largest hydrogen compression system	Albers, N; van Lier, L; van der Biezen, M.	2018
Other	Research paper	Boosting the Energy Transition	González Díez, N.	2019
D1E.1	Research paper	N. González Díez, S. van der Meer, J. Bonetto and A. Herwijn, Technical assessment of Hydrogen transport, compression, processing offshore, North Sea Energy, 2020.	North Sea Energy Project	2020
D1E.1	Research paper	H21 project, H21 Strategic Modelling Major Urban Centers, 2021.	H21	2021

D1E.1	Research paper	K. Steiner, 20 m/s – über die Strömungsgeschwindigkeiten in der Gasinfrastruktur, 2021.	K. Steiner/DVGW	2021
D1E.1	Research paper	KIWA, Toekomstbestendige gasdistributienetten, Apeldoorn: KIWA, 2018.	KIWA	2018
D1E.1	Research paper	C. Lock, Gasdrukregelstation voor waterstof, Apeldoorn: Kiwa N.V., 2020.	Kiwa	2020
D1E.1	Research paper	Netbeheer Nederland, Affakkelen en afblazen van waterstof (KIWA), 2021.	KIWA	2021
D1E.1	Research paper	N. Barton, Erosion in Elbows in Hydrocarbon Production Systems: Review Document, Glasgow: TÜV NEL Ltd for HSE Executive, 2003.	TÜV NEL	2003
D1E.1	Research paper	A. Kooiman, "Stof tot nadenken," Gasnet, vol. 32, no. 2, June 2018.	A. Kooiman	2018
D1E.1	Research paper	DNV, DNVGL-RP-O501 Managing sand production and erosion, Det Norske Veritas, 2011.	DNV	2011
D1E.1	Standard	NEN, 7244 - Gasvoorzieningsystemen - Leidingen voor maximale bedrijfsdruk tot en met 16 bar, NEN, 2014.	NEN	2014
D1E.1	Standard	NEN, 3650 - Transportleidingen, NEN, 2020.	NEN	2020
D1E.1	Standard	NEN, 1059 - Gasvoorzieningsystemen - Gasdrukregel- en meetstations voor transport en distributie, NEN, 2019.	NEN	2019
D1E.1	Standard	NEN, 3651 - Aanvullende eisen voor buisleidingen in of nabij belangrijke waterstaatswerken, NEN, 2020.	NEN	2020
D1E.1	Standard	ASME, B31.12 Hydrogen Piping and Pipelines, American Society of Mechanical Engineers, 2020.	ASME	2020
D1E.1	Standard	ASME PTC 19.3 TW-2016 - Thermowells, American Society of Mechanical Engineers, 2016.	ASME	2016
D1E.1	Standard	IEC 60534-8, Industrial process control valves - Part 8-3: Noise considerations - Control valve aerodynamic noise prediction method, 2011.	IEC	2011
D1E.1	Standard	NORSOK, L-002 Standard - Piping system layout, design and structural analysis, 4th edition, 2016.	NORSOK	2016
D1E.1	Standard	VDI 3733, Noise at pipes, 1996.	VDI	1996
D1E.1	Standard	American Petroleum Institute, API RP 14E : Recommended Practice for Design and Installation of Offshore Production Platform Piping Systems, 1991.	API	1991
D1E.1	web article	Wikipedia, Energy Density, (Accessed on February 26, 2019).	Wikipedia	2019
D1E.1	web page	HIGGS project	HIGGS	2021

D1E.1	web page	Ministerie van Economische Zaken, Ministeriële Regeling Gaskwaliteit	Ministerie Economische Zaken	van 2019
--------------	----------	--	---------------------------------	-------------

6. WP1F

Deliverable Number	Category	Title	Author or Organization	Year
Other	Research paper	Degradation of polymer materials_ intergrity consequences of new gases_DNV-GL	DNV	2014
Other	Research paper	KE 214 Geschiktheid voor bijmenging tot en met 100% waterstofgas - 2019	Kiwa Nederland	2019
Other	Research paper	Kiwa GT-180259 Eerste inventarisatie naar waterstofuitstromen bij kleine toelaatbare lekken 20190411	Kiwa Technology	2019
Other	Research paper	Kiwa - Impact of Sustainable Gases on Joints - EDGaR B9 - GT-140283 - 2015-05-07 – Final.	Kiwa Technology	2015
Other	Research paper	Kiwa - Effects of Wide Band Gases on Materials - EDGaR A5a - GT-140282 - 2015-05-07 – Final.	Kiwa Technology	2015
D1F.1	Research paper	Kiwa Technology, “Kiwa - Rapport Inzicht in lekdichtheid TOF en in effecten afblazen H2 - Gasunie - GT190076,” 2019.	Kiwa	2019
D1F.1	Research paper	Kiwa Technology, “HyDelta - Meetprotocol lekdichtheid HD afsluiters - versie 10,” 2021.	Kiwa	2021
D1F.1	Research paper	N. V. M. van der Laan, “De invloed van waterstof op de zachte materialen in RNB gasdrukregelinstallaties,” Kiwa Technology B.V., Apeldoorn, 2021.	Kiwa	2021
D1F.1	Standard	API , “RP941 Steels for Hydrogen services at elevated temperatures”.	API	2016
D1F.1	Research paper	E. V.-K. R. d. L. (. -. Normenausschuss, “VDI 2440 Emission control - Mineral oil refineries”.	VDI	2021
D1F.1	Research paper	P. D.-I. A. Riedl, “Emission measurements of industrial valves according toTA Luft and EN ISO 15848-1,” <i>Fugitive Emission Control</i> , 2007.	A. Riedl	2007
D1F.1	Standard	NEN_EN_ISO, “Compatibility of non-metallic materials with gases, table 1.,” <i>NEN-EN-ISO 11114-2</i> , 2013.	NEN	2013

7. WP2

Deliverable Number	Category	Title	Author or Organization	Year
D2.2	Peer-reviewed article	Shabani, Poisoning of proton exchange membrane fuel cells by contaminants and impurities: Review of mechanisms, effects and mitigation strategies. Journal of Power Sources, p 21-48 (2019)	Shabani et al.	2019
D2.2	Peer-reviewed article	Baturina, Insights on the SO ₂ poisoning of PtCO ₃ /VC and PT/VC fuel cell catalysts. Electrochimica acta, 6676 - 6686 (2010)	Baturina et al.	2010
D2.2	Peer-reviewed article	Sethuraman, Analysis of sulfur poisoning on a PEMFC electrode. Electrochimica Acta, 5683 - 5694 (2010)	Sethuraman et al.	2010
D2.2	Peer-reviewed article	Lopes e.a., Hydrogen sulfide tolerance of palladiumcopper catalysts for PEM fuel cell anode applications, international journal of hydrogen energy 36, 1370 3-13707 (2011)	Lopes et al.	2011
D2.2	Peer-reviewed article	Papurello, Sulfur poisoning in Ni-anode solid oxide fuel cells (SOFCs): Deactivation in single cell and a stack. Chemical Engineering Journal, 1224 - 1233 (2016)	Papurello et al.	2016
D2.2	Peer-reviewed article	Brightman, Structural modifications to nickel cermet anodes in fuel cell environments. Journal of Power Sources, 6301 - 6311 (2010)	Brightman et al.	2010
D2.2	Peer-reviewed article	Turco, The effect of sulfur compounds on MCFC. In Treatment of biogas for feeding high temperature fuel cells, p. 131-136. Springer international publishing Switzerland (2016)	Turco et al.	2016
D2.2	Peer-reviewed article	Ciccoli, MCFC fed with biogas combating H ₂ S. Waste management, 1018 - 1024 (2010)	Ciccoli et al.	2010
D2.2	Peer-reviewed article	McLean e.a, An assessment of alkaline fuel cell technology, International Journal of Hydrogen Energy 27 (2002) 507 – 526	McLean et al.	2002

D2.2	Peer-reviewed article	Ferriday e.a, Alkaline fuel cell technology - A review, International journal of hydrogen energy 46 (2021) 18489 - 18510	Ferriday et al.	2021
Other	Research paper	Ruikbaarheid van een aantal odoranten in aardgas/waterstof mengsels (confidential)	Henk Top, Christian Teunissen (DNV GL, SGS)	2020
Other	Research paper	An exploration for hydrogen specifications, Entry and exit specifications for the gas distribution network	Kiwa Technology (NBNL)	2021
Other	Research paper	WP2 Hydrogen odorant (Hy4Heat)	NPL: Arul Murugan, Sam Bartlett, James Hesketh, Hans Becker, Gareth Hinds.	2020
Other	Research paper	HG2V Cadent	Kiwa Gastec, DNV GL, NPL and Imperial College London	2021
Other	Research paper	Detection of hydrogen by means of sensors	Kiwa Technology (NBNL)	2021
Other	Research paper	Research on the behaviour of odorised hydrogen and odorised natural gas in the soil	Kiwa Technology (NBNL)	2021
D2.2	Research paper	Van den Noort e.a., Gedrag van waterstof bij lekkages in het gasdistributiesysteem, DNV GL rapport OGNL.184991 (30-07-2020)	DNV GL	2020
D2.2	Research paper	Polman e.a., Een verkenning naar waterstofsificaties: Entry- en exitpunten gasdistributienet, Kiwa/DNV GL, rapport GT-200157 (03-02-2021)	Kiwa/DNVGL	2021
D2.2	Research paper	EUTurbines, Gas Turbines: Driving the transition to renewable-gas power generation, 2019	EUTurbines	2019
D2.2	Research paper	Block e.a., Das Projekt H2home - Stationäre Strom- und Wärmeversorgung mit wasserstoffbetriebenen Brennstoffzellen-BHKW, gwf Gas + Energie 10/2019.		2019
D2.2	Standard	ISO 14687:2019, Hydrogen fuel quality — Product specification	ISO	2019
D2.2	web page	Ministerie van Economische zaken, Regeling gaskwaliteit. Geldend van 01-01-2019 t/m heden	Ministerie van Economische Zaken	2019
D2.2	web page	Hy4Heat reports	Hy4Heat	2018
D2.2	web page	http://what-when-how.com/energy-engineering/fuel-cells-intermediate-and-high-temperature-energy-engineering		2021

D2.2	white paper	Hydrogen power with Siemens gas turbines, white paper, Siemens Gas and Power GmbH & Co. KG (2020)	Siemens	2020
D2.3	Peer-reviewed article	J. Mouli-Castillo, G. Orr, J. Thomas, N. Hardy, M. Crowther, R. Stuart Haszeldine, M. Wheeldon, A. McIntosh, A comparative study of odorants for gas escape detection of natural gas and hydrogen, International Journal of Hydrogen Energy 46, (2021), 14881 - 14899	J. Mouli-Castillo et al.	2021
D2.3	Standard	DVGW-Regelwerks Arbeitsblatt G 280 (2018-12) `Gasodorierung`	DVGW	2018
D2.3	Web article	Erik Polman (Kiwa) Hans van der Vegt (Liander): Kun je een gaslek ruiken? (Can you smell a gas leak?) Article published on disclosed website "Kenniscentrum gasnetbeheer", dec 2016	E. Polman	2016
D2.3	Miscellaneous	Ministerial Decree Gas Quality (MR), valid from 01-01-2019 up to date	???	2019
D2.3	Research paper	C.J.A.Pulles, J.C. de Laat, C. Lock, GT-200096, april 2021, (Kiwa Technology) Affakkelen en afblazen van waterstof, (Flaring and venting of hydrogen), report made for NBNL	Kiwa	2021
D2.3	Research paper	Pulles C.J.: Eerste vergelijking van waterstof met methaan bij een grote lekkage in een geventileerde ruimte; (First comparison for big hydrogen and methane leaks in a confined space); kenniscentrum gasnetbeheer	Kiwa	?
D2.3	Research paper	Pulles C.J.: Ontmenging van waterstof;(segregation of hydrogen) kenniscentrum gasnetbeheer	Kiwa	?
D2.3	Research paper	Mark Crowther, Georgina Orr, James Thomas, Guy Stephens, Iain Summerfield, (Kiwa UK), Energy Storage Component Research & Feasibility, Study Scheme, HyHouse, Safety Issues Surrounding Hydrogen as an Energy Storage Vector, prepared for DECC (Department of Energy and Climate Change), Project 30233, juni 2015	Kiwa	2015
D2.3	Research paper	Dr M J Ivings, Mr S Clarke, Dr S E Gant, Mr B Fletcher, Dr A Heather, Mr D J Pocock, Dr D K Pritchard, Mr R Santon, Mr C J Saunders, Area classification for secondary releases from low pressure natural gas systems, Report RR630, HSE, 2008	Ivings et al.	2008
D2.3	Research paper	Erik Polman, Harm Vlap, D2.1 Choice for a sulphur free odorant, Hydelta programma, August 2021	HyDelta	2021
D2.4	Standard	Ministeriele Regeling van de Minister van Economische Zaken van 11 juli 2014, nr. WJZ/13196684, tot vaststelling van regels voor de gaskwaliteit (Regeling gaskwaliteit), geldend vanaf 1 januari 2019	Ministeriele Regeling van de Minister van Economische Zaken	2014
D2.4	Standard	NEN 7244, Gasvoorzieningsystemen - Leidingen voor maximale bedrijfsdruk tot en met 16 bar - Deel 1: Nederlandse editie op basis van NEN-EN 12007-1 - Algemene functionele eisen	NEN	2014
D2.4	Research paper	M.B. Spoelstra, Veiligheidsaspecten van waterstof in een besloten ruimte, Instituut Fysieke Veiligheid (2020)	M.B. Spoelstra	2020

D2.4	Miscellaneous	NESTOR, storingsregistratie database 2020	NESTOR	2020
D2.4	Research paper	C.J.A René Hermkens, Arie Kooiman en Michiel van der Laan, Geschiktheid gasmeetapparatuur voor waterstof, Kiwa Technology, Rapportnr. GT-200046, mei 2021	Kiwa	2021
D2.4	Miscellaneous	Webinar Hydrogen Infrastructure, Gasunie Transportservices, 1 oktober 2020	Gasunie	2020
D2.4	Research paper	Sophie Brown, Gabor Posta (ARUP), Paul McLaughlin (Kiwa Gastec), Hy4Heat, Safety Assessment Conclusions Report incorporating Quantitative Risk Assessment, ARP-WP7-GEN-REP-0005, mei 2021	Hy4Heat	2021
D2.4	Research paper	WP2, Hy4Heat, Hydrogen odorant, final report	Hy4Heat	2021
D2.4	Research paper	Risicoanalyse onder-odorisatie 2018, vertrouwelijk rapport van Bilfinger Tebodin in opdracht van GTS	Blifinger/Tebodin	2018
D2.4	Research paper	Raymond Mothes, Udo Lubenau und Paul Damp, Odorierung von Wasserstoff im HYPOS-Projekt „H2-Netz“, GWF GE, 10 ,2021, p46-52	GWF	2021
D2.4	Web page	Website Gasunie Transportservices	Gasunie	?
D2.4	Web page	Informatie op de website van Air Liquide	Air Liquide	?
D2.4	Web page	Informatie op de website van Hy4Heat	Hy4Heat	?
D2.4	Research paper	D2.5 - Advice on odorant choice, WP2, HyDelta	HyDelta	2022
D2.5	Standard	Norm NEN-EN-ISO13734	NEN	2013
D2.5	Research paper	Erik Polman, Harm Vlap, D2.1 Choice for a sulphur free odorant, Hydeltaprogramma, August 2021	HyDelta	2021
D2.5	Standard	DVGW G 280 Arbeitsblatt 12/2018	DVGW	2018
D2.5	Standard	Ministeriële Regeling Gaskwaliteit (MR), geldend van 01-01-2019 t/m heden	Ministeriële Regeling Gaskwaliteit	2019
D2.5	Research paper	Marcogaz report GI-OD-09-04 12/03/2020	Marcogaz	2020
D2.5	Conference proceeding	F. Cagnon A. Louvat V. Vasseur, The gas smell; a study on the public perception of gas odorants, IGRC conference 2011	F. Cagnon et al.	2011

D2.5	Research paper	Sophie Brown, Gabor Posta (ARUP), Paul McLaughlin (Kiwa Gastec), Hy4Heat, Safety Assessment Conclusions Report incorporating Quantitative Risk Assessment, ARP-WP7-GEN-REP-0005, mei 2021	Hy4Heat	2021
D2.5	Research paper	WP2, Hy4Heat, Hydrogen odorant, final report	Hy4Heat	2021
D2.5	Research paper	Erik Polman, D2.4 Risks of not odorizing hydrogen, HyDelta programme, April 2022	HyDelta	2022
D2.5	Research paper	Erik Polman, Harm Vlap, D2.3 Stability of odorants in hydrogen, Hydelta programme, April 2022	HyDelta	2022

8. WP3

Deliverable Number	Category	Title	Author/Organization	Year
D3.1	Research paper	T. C. C. 234, „Gas infrastructure — Consequences of hydrogen in the gas infrastructure and identification of related standardisation need in the scope of CEN/TC 234, Technisch Rapport N1336 “H2NG”,” DIN, 2021.	DIN	2021
D3.1	Research paper	F. van den Brink, T. de Groot, W. Hazenberg, E. Huijzer, W. Koppenol, H. de Laat, C. van de Sande, R. Velthuis en T. van Wingerden, „Analyse waterstofnormalisatie 2018-2020: Normalisatieplatform H2 Industrie en Gebouwde Omgeving,” NEN Energy (Stichting Koninklijk Nederlands Normalisatie Instituut), Delft, 2021.	F. van den Brink et al.	2021
D3.1	Research paper	E. Weidner, M. Honselaar, R. Ortiz Cebolla, B. Gindroz en F. de Jong, „Sector Forum Energy Management / Working Group Hydrogen,” European Union, 2016.	E. Weidner et al.	2016
D3.1	Research paper	F. C. a. H. Observatory, „Chapter 4 Standards,” Fuel Cells and Hydrogen Observatory, 2020.	Fuel Cells and Hydrogen Observatory	2020
D3.1	Research paper	A. Laurent , F. Barth, L. Briottet, A. Carayol, A. Chazottes, J. Cluytmans, T. Constantinescu, C. Copin, F. De Jong, H. De Laat, G. De Real, V. Di Noto, L. Docter, J. Dubost, A. Eriksson, J.-R. Filtz, A. Gago, A. Garcia Hombrados, B. Gindroz, A. Gome, F. Grohmann, F. Haloua, N. Hart, M. Honselaar, D. Hedley, R. Judd, M. Kaldonek, D. Klassek, J. Klimstra, N. Kraus, P. Lucchese, L. Millington, L. Mostert, G. Müller-Syring, J. Newton, R. Perotti, U. Schmidtchen, H. Schülken, M. Sekita, C. Thomson, M. Waidhas, E. Weidner, B. Weinberger, T. van Wingerden en M. Zarzuela, „Sector Forum Energy Management – Working Group Hydrogen: 2018 update report,” Publications Office of the European Union, Luxembourg, 2019.	A. Laurent et al.	2019
D3.1	Research paper	H. V. P. V. (. G. E.A. Polman (Kiwa), „Verkennde studie naar waterstof, geschreven door Kiwa Technology en DNV-GL, Entry- en exitpunten distributienet,” Kiwa Technology B.V., Apeldoorn, 2021.	Kiwa	2021
D3.1	Research paper	Marcogaz, „Guidance Note on Energy Determination when Non-Conventional Gases are injected into the Gas Network,” Marcogaz, 2020.	Marcogaz	2020
D3.1	Research paper	D. R. H. de Laat, „Rapportage normalisatieplan 2020 - onderdeel normcommissies gasmeting,” Kiwa / NBNL, Apeldoorn, 2021.	Kiwa/NBNL	2021

9. WP4

Deliverable Number	Category	Title	Author or Organization	Year
D4.1	Research paper	-, „Investeringsplan Waterstof Noord-Nederland 2020,” Provincie Groningen, 2020.	Provincie Groningen	2020
D4.1	Research paper	C. Leguijt, E. van den Toorn, A. Bachaus en C. Jongasma, „Werk door groene waterstof investeringen (update en uitbreiding),” CE Delft, Delft, 2021.	C. Leguijt et. al	2021
D4.1	Research paper	Gasunie, „Gasunie versnelt investeringen voor de energietransitie,” 2021. [Online]. [Geopend 2021].	Gasunie	2021
D4.1	Research paper	Kiwa, „Toekomstbestendige Gasdistributienetten,” Kiwa Technology B.V., Apeldoorn, 2018.	Kiwa	2018
D4.1	Research paper	CBS, „ Investeringen in energie en de daarmee gepaard gaande werkgelegenheid,” [Online] [Geopend 2021].	CBS	2021
D4.1	Research paper	R. Hogt, Onderwijsplan waterstoftechnologie “plan en realisatie”	R. Hogt	2021

10. WP7A

Deliverable Number	Category	Title	Author or Organization	Year
D7A.1	book section	A. v. Wijk and F. Wouters, “Hydrogen: The bridge between Africa and Europe,” Springer, 2020.	A. v. Wijk and F. Wouters	2020
D7A.2	Book section	M. Boudellal, Power-to-Gas: Renewable Hydrogen Economy for the Energy Transition, Berlin: De Gruyter, 2018.	M. Boudellal	2018
D7A.1	conference proceeding	M. Ruth, P. Jadun and B. Pivovar, “H2@Scale: Technical and economic potential of hydrogen as an energy intermediate,” in Fuel Cell Seminar and Energy Exposition, Long Beach, CA, 2017.	M. Ruth et al.	2017
D7A.1	Consulting report	McKinsey, Hydrogen Insights, 2021.	McKinsey	2021
D7A.1	film	Duurzaam energiesysteem van de toekomst. [Film]. Gasunie, 2020.	Gasunie	2020
D7A.1	miscellaneous	Enagás, Energinet, Fluxys Belgium, Gasunie, GRTgaz, NET4GAS, OGE, ONTRAS, Snam, Swedegas and Teréga, “European Hydrogen Backbone HOW A DEDICATED HYDROGEN INFRASTRUCTURE CAN BE CREATED,” 2020.	Enagás, Energinet, Fluxys Belgium, Gasunie, GRTgaz, NET4GAS, OGE, ONTRAS, Snam, Swedegas and Teréga	2020
D7A.1	miscellaneous	Creos, DESFA, Elering, Enagás, Energinet, Eustream, FGSZ, Fluxys Belgium, Gasgrid Finland, Gasunie, GAZ-SYSTEM, GCA, GNI, GRTgaz, National Grid, NET4GAS, Nordion Energi, OGE, ONTRAS, Plinovodi, Snam, TAG and Teréga, “Extending the European Hydrogen Backbone A EUROPEAN HYDROGEN INFRASTRUCTURE VISION COVERING 21 COUNTRIES APRIL 2021,” 2021.		2021
D7A.1	miscellaneous	EBN, “Energie in Nederland: Infographic,” 2020. [Online]	EBN	2020
D7A.1	miscellaneous	Platinum Metals Review	G. et. Al	1983
D7A.1	miscellaneous	Aardgasbuffer Zuidwending, “Hoe een caveerne wordt gebouwd,” EnergyStock, [Online]	EnergyStock	2021
D7A.2	miscellaneous	Statista, “Global consumption of agricultural fertilizer by nutrient from 1965 to 2019,” 2021 [Online].	Statista	2021
D7A.2	miscellaneous	Fertilizer Europe, “Fertilizers europe - Facts and Figures,” 2021. [Online]	Fertilizer Europe	2021
D7A.2	miscellaneous	Methanex, “Pricing Methanex Corporation,” [Online]	Methanex	2021
D7A.1	models	PBL, “Rekenmodellen klimaat- en Energieverkenning (KEV),” [Online]	PBL	2021
D7A.1	models	B. Daniëls, “Korte modelbeschrijving Option Portfolio for Emission Reduction Assessment,” PBL, 2019.	PBL	2019
D7A.1	models	TNO, “Energietransitie rekenmodellen - COMPETES,” ECN - TNO, [Online]	TNO	2021
D7A.1	models	European Union, “Modelling tools for EU analysis - PRIMES,” [Online]	European Union	2021

D7A.1	models	IEA, “JRC-EU-TIMES model,” [Online]	IEA	2021
D7A.1	models	CE Delft, “CEGOIA,” [Online]	CE Delft	2021
D7A.1	Peer-reviewed article	B. Daniëls, A. Seebregts, J. Jooode, K. Smekens, J. Van Stralen, F. Dalla Longa, K. Schoots, L. Grond and J. Holstein, “Exploring the role for power-to-gas in the future Dutch energy system,” 2014.	B. Daniëls et. al	2014
D7A.1	Peer-reviewed article	L. Hancock and N. Ralph, “A framework for assessing fossil fuel ‘retrofit’ hydrogen exports: Security-justice implications of Australia's coal-generated hydrogen exports to Japan,” Elsevier Ltd, 2021.	L. Hancock et. al	2021
D7A.1	Peer-reviewed article	Y. Ishimoto, M. Voldsund, P. Nekså, S. Roussanaly, D. Berstad and S. O. Gardarsdottir, Large-scale production and transport of hydrogen from Norway to Europe and Japan: Value chain analysis and comparison of liquid hydrogen and ammonia as energy carriers, vol. 45, 2020, pp. 32865-32883.	Y. Ishimoto et al.	2020
D7A.1	Peer-reviewed article	S. Saba, M. Müller, M. Robinus and D. Stolten, “The investment costs of electrolysis- A comparison of cost studies from the past 30 years,” International journal of hydrogen energy, vol. 43, no. 3, pp. 1209-1223, 2018.	S. Saba et al.	2018
D7A.1	Peer-reviewed article	P. Larscheid, L. Lück and A. Moser, “Potential of new business models for grid integrated water electrolysis,” Renewable Energy, no. 125, pp. 599-608, 2018.	P. Larscheid et al.	2018
D7A.1	Peer-reviewed article	V. Papadopoulos, J. Desmet, J. Knockaert and C. Develder, “Improving the utilization of a PEM electrolyzer powered by a 15 MW PV park by combining wind power and battery storage-Feasibility study,” International Journal of Hydrogen, vol. 34, no. 43, pp. 16468-16478, 2018.	V. Papadopoulos et al.	2018
D7A.1	Peer-reviewed article	A. Almansoori and N. Shah, “Design and operation of a future hydrogen supply chain: snapshot model,” Chemical Engineering Research and Design, vol. 84, no. 6, pp. 423-438, 2006.	A. Almansoori et al.	2006
D7A.1	Peer-reviewed article	N. Brückner, N. Obesser, A. Bösmann, D. Teichmann, W. Arlt, J. Dungs and P. Wasserscheid, “Evaluation of Industrially Applied Heat-Transfer Fluids as Liquid Organic Hydrogen Carrier Systems,” ChemSusChem, vol. 7, no. 1, pp. 229-235, 2014.	N. Brückner et al.	2014
D7A.1	Peer-reviewed article	C. Yang and J. Ogden, “Determining the lowest-cost hydrogen delivery mode,” International journal of hydrogen energy, vol. 32, no. 2, pp. 268-286, 2007.	C. Yang et al.	2007
D7A.1	Peer-reviewed article	M. Reuß, T. Grube, M. Robinus, P. Preuster, P. Wasserscheid and D. Stolten, “Seasonal storage and alternative carriers: A flexible hydrogen supply chian model,” Applied energy, no. 200, pp. 290-302, 2017.	M. Reuß et al.	2017

D7A.1	Peer-reviewed article	K. Reddi, A. Elgowainy and E. Sutherland, "Hydrogen refueling station compression and storage optimization with tube-trailer deliveries," International Journal of Hydrogen energy, vol. 39, no. 35, pp. 20197-20206, 2014.	K. Reddi et al.	2014
D7A.1	Peer-reviewed article	A. Elgowainy, K. Reddi, E. Sutherland and F. Joseck, "Tube-trailer consolidation strategy for reducing hydrogen refueling station costs," International Journal of Hydrogen Energy, vol. 39, no. 35, pp. 20197-20206, 2014.	A. Elgowainy et al.	2014
D7A.1	Peer-reviewed article	S. Cerniauskas, A. Junco, A. Grube, M. Robinus and D. Stolten, "Options of natural gas pipeline reassignment for hydrogen: cost assessment for a Germany case study," International journal of hydrogen energy, 2020.	S. Cerniauskas et. al	2020
D7A.1	Peer-reviewed article	M. Hurkainen and J. Ihonen, "Techno-economic feasibility of road transport of hydrogen using liquid organic hydrogen carriers," International journal of Hydrogen Energy, no. 45, pp. 32098-32112, 2020.	M. Hurkainen and J. Ihonen	2020
D7A.1	Peer-reviewed article	A. Peschel, "Industrial perspective on hydrogen purification, compression, storage, and distribution," Fuel Cells, vol. 4, no. 20, pp. 385-393, 2020.	A. Peschel	2020
D7A.1	Peer-reviewed article	J. André, S. Auray, D. d. Wolf, M. Memmah and A. Simonnet, "Time development of new hydrogen transmission pipeline networks for France," Internantional journal of hydrogen energy, vol. 39, no. 20, pp. 10323-10337, 2014.	J. André et al.	2014
D7A.1	Peer-reviewed article	R. Loisel, L. Baranger, N. Chemouri, S. Spinu and S. Pardo, "Economic evaluation of hybrid off-shore wind power and hydrogen storage system," International journal of hydrogen, vol. 21, no. 40, pp. 6727-6739, 2015.	R. Loisel et al.	2015
D7A.1	Peer-reviewed article	J. Michaelski, U. Bünger, F. Crotogino, S. Donadei, G. Schneider, T. Pregger and D. Heide, "Hydrogen generation by electrolysis and storage in salt caverns: potentials, economics and systems aspects with regard to the German energy transition," International journal of hydrogen energy, vol. 19, no. 42, pp. 13427-13443, 2017.	J. Michaelski et al.	2017
D7A.1	Peer-reviewed article	S. e. al., "Membrane based purification of hydrogen systems (MEMPHYS)," International journal of Hydrogen Energy, 2019.	Schorer et al.	2019
D7A.1	Peer-reviewed article	G. Marcoberardino, D. Vitali, F. Spinelli, M. Binotti and G. Manzolini, "Green hydrogen production from raw biogas: A techno-economic investigation of conventional processes using pressure swing adsorption unit," Processes, vol. 3, no. 6, p. 19, 2018.	G. Marcoberardino et. al	2018

D7A.1	Peer-reviewed article	Y. Chung, B. Na and H. Song, "Short-cut evaluation of pressure swing adsorption systems," Computers & chemical engineering, no. 22, pp. S637-S640, 1998.	Y. Chung et al.	1998
D7A.1	Peer-reviewed article	B. Wu, X. Zhang, Y. Xu, D. Bao and S. Zhang, "Assessment of the energy consumption of the biogas upgrading process with pressure swing adsorption using novel adsorbents," Journal of Clean Production, no. 101, pp. 251-261, 2015.	B. Wu et al.	2015
D7A.1	Peer-reviewed article	A. M. Elberry, J. Thakur, A. Santasalo-Aarnio and M. Larmi, "Large-scale compressed hydrogen storage as part of renewable electricity storage systems," International journal of hydrogen energy, no. 46, pp. 15671-15690, 2021.	A. M. Elberry et al.	2021
D7A.1	Peer-reviewed article	H. Barthelemy, M. Weber and F. Barbier, "Hydrogen storage: recent improvements and industrial perspectives," International journal of hydrogen energy, vol. 11, no. 42, pp. 7254-7262, 2017.	H. Barthelemy	2017
D7A.1	Peer-reviewed article	R. Moradi and K. Groth, "Hydrogen storage and delivery review of them state of the art technologies and risk and reliability," International journal of hydrogen energy, vol. 23, no. 44, pp. 12254-12269, 2019.	R. Moradi and K. Groth	2019
D7A.1	Peer-reviewed article	J. Andersson and S. Grönkvist, "Large-scale storage of hydrogen," International journal of hydrogen energy, vol. 23, no. 44, pp. 11901-11919, 2019.	J. Andersson and S. Grönkvist	2019
D7A.1	Peer-reviewed article	J. Zheng, X. Liu, P. Xu, O. Liu and J. Yang, "Development of high pressure gaseous hydrogen storage technologies," International journal of hydrogen energy, vol. 1, no. 37, pp. 1048-1057, 2012.	J. Zheng et al.	2012
D7A.1	Peer-reviewed article	U. Bünger, J. Michaelski, F. Crotogino and O. Kruck, "Large-scale underground storage of hydrogen for the grid integration of renewable energy and other applications," Compendium of hydrogen energy, pp. 133-163, 2016.	U. Bünger et al.	2016
D7A.1	Peer-reviewed article	C. Wulf and P. Zapp, "Assessment of system variations for hydrogen transport by liquid organic hydrogen carriers," Hydrogen Energy, no. 43, pp. 11884-11895, 2018.	C. Wulf and P. Zapp	2018
D7A.1	Peer-reviewed article	F. Dawood, M. Anda and G. Shafiullah, "Hydrogen production for energy: An overview," International Journal of Hydrogen, vol. 7, no. 45, pp. 3847-3869, 2020.	F. Dawood et al.	2020
D7A.1	Peer-reviewed article	S. Watson, K. Lomas and R. Buswell, "Decarbonising domestic heating what is the peak GB demand.pdf," 2019. [Online]	S. Watson et al.	2019

D7A.1	Peer-reviewed article	M. Ditaranto, T. Heggset and D. Berstad, "Concept of hydrogen fired gas turbine cycle with exhaust gas recirculation: Assessment of process performance," <i>Energy</i> , no. 192, p. 116646, 2020.	M. Ditaranto et al.	2020
D7A.1	Peer-reviewed article	H. M. M.-A. M. Lei Li, "Integrated optimization model for hydrogen supply chain network design and hydrogen fueling station planning," <i>Computers and chemical engineering</i> 134 106683, 2020.	Lei Li et al.	2020
D7A.1	Peer-reviewed article	P. R. S. P. A. A. G. Z. André Hugo, "Hydrogen infrastructure strategic planning using multi-objective optimization,," <i>International Journal of Hydrogen Energy</i> , Volume 30, Issue 15,, 2005.	André Hugo et al.	2005
D7A.1	Peer-reviewed article	Y. S. T. S. J. H. X. W. Pengfei Song, "Assessment of hydrogen supply solutions for hydrogen fueling station: A Shanghai case study," <i>International Journal of Hydrogen Energy</i> 45 32884-32898, 2020.	Pengfei Song et al.	2020
D7A.1	Peer-reviewed article	D.-Y. Y. C.-J. L. Seung-Kwon Seo, "Design and optimization of a hydrogen supply chain using a centralized storage model," <i>Applied energy</i> 262 114452, 2020.		2020
D7A.1	Peer-reviewed article	C. Imdahl, C. Blume, S. Blume, S. Zellmer, M. Gensicke and C. Herrmann, "Potentials of Hydrogen Technologies for Sustainable Factory Systems," 2021. [Online]	C. Imdahl et al.	2021
D7A.1	Peer-reviewed article	S. Cloete, O. Ruhnau and L. Hirth, "On capital utilization in the hydrogen economy : The quest to minimize idle capacity in renewables- rich energy systems," 2020. [Online]. Available: https://doi.org/10.1016/j.ijhydene.2020.09.197 .	S. Cloete et al.	2020
D7A.1	Peer-reviewed article	Y. J. a. ., S. Y. Guoming Yang a, "Planning and operation of a hydrogen supply chain network based on the off-grid wind-hydrogen coupling system.,," <i>International Journal of Hydrogen Energy</i> 45 20721-20739, 2020.	Guoming Yang et al.	2020
D7A.1	Peer-reviewed article	F. C. A. G. M. M. Paolo Gabrielli, "Enabling low-carbon hydrogen supply chains through use of biomass and carbon capture and storage: A Swiss case study," <i>Applied Energy</i> 275, 2020.	Paolo Gabrielli et al.	2020
D7A.1	Peer-reviewed article	V. P. e. al., "Improving the utilization factor of a PEM electrolyzer powered by a 15MW PV park and combining wind power and battery storage - Feasibility study," n: <i>International Journal of Hydrogen Energy</i> 43.34 pp. 16468–16478, 2018.	V.P. et al.	2018
D7A.1	Peer-reviewed article	W. W. T. C. D. D. S. Y. L. H. E. S. E. N. P. Gerald S. Ogumerem, "Towards the optimisation of hydrogen, ammonida ans methanol supply chains," <i>Multi period optimization model of hydorgen networks</i> , 2013.	S. Ogumerem et al.	2013

D7A.1	Peer-reviewed article	J. L. b. Shin'ya Obara a, "Evaluation of the introduction of a hydrogen supply chain using a conventional gas pipelineA case study of the QinghaieShanghai hydrogen supply chain," international journal of hydrogen energy 45 33846 - 33859, 2020.	Shin'ya Obara et al.	2020
D7A.1	Peer-reviewed article	M.-K. T. S. A. A. M. M. F. Hamidreza Shamsi, "Macro-Level optimization of hydrogen infrastructure and supply chain for zero-emission vehicles on a canadian corridor," Journal of Cleaner production 289 125163, 2021.	Hamidreza Shamsi	2021
D7A.1	Peer-reviewed article	P. D. L. e. al., "Review of energy system flexibility measures to enable high levels of variable renewable electricity"," Renewable and Sustainable Energy Reviews 45 pp. 785–807., 2015.	P. D. L. e. al.	2015
D7A.1	Peer-reviewed article	B. a. M. Weeda., "The hydrogen economy–vision or reality?," international journal of hydrogen energy 40.25 (2015), pp. 7903–7919., 2015.	B. a. M. Weeda e. al.	2015
D7A.1	Peer-reviewed article	P. C. e. al., "Flexible hydrogen production implementation in the French ower system: Expected impacts at the French and European levels"," Energy 81 pp. 556–562., 2015.	P. C. e. al.	2015
D7A.1	Peer-reviewed article	G. Hu, C. Chen, H. T. Lu, Y. Wu, C. Liu, L. Tao, Y. Men, G. He and K. G. Li, "A Review of Technical Advances, Barriers, and Solutions in the Power to Hydrogen (P2H) Roadmap," 2020. [Online]. Available: https://doi.org/10.1016/j.eng.2020.04.016 .	G. Hu e. al.	2020
D7A.1	Peer-reviewed article	B. Liu, S. Liu, S. Guo and S. Zhang, "Economic study of a large-scale renewable hydrogen application utilizing surplus renewable energy and natural gas pipeline transportation in China," 2020. [Online]. Available: https://doi.org/10.1016/j.ijhydene.2019.11.056 .	B. Liu	2020
D7A.1	Peer-reviewed article	C. Quarton and S. Samsatli, "Should we inject hydrogen into gas grids? Practicalities and whole-system value chain optimization," Applied Energy, no. 275, pp. 115-172, 2020.	C. Quarton and S. Samsatli	2020
D7A.1	Peer-reviewed article	M. Abeysekera, J. Wu, N. Jenkins and M. Rees, "Steady state analysis of gas networks with distributed injection of alternative gas," Applied Energy, no. 164, pp. 991-1002, 2016.	M. Abeysekera	2016
D7A.1	Peer-reviewed article	B. Wu, X. Zhang, Y. Xu, D. Bao and S. Zhang, "Assessment of the energy consumption of the biogas upgrading process with pressure swing adsorption using novel adsorbents," Journal of cleaner production, no. 101, pp. 251-261, 2015.	B. Wu et al.	2015
D7A.1	Peer-reviewed article	J. R. Bartels and M. B. Pate, "A feasibility study of implementing an ammonia economy. Final report. Grant number: 07S-01," 2008.	J. R. Bartels and M. B. Pate	2008

D7A.1	peer-reviewed article	C. Yang and J. Ogden, "Determining the lowest-cost hydrogen delivery mode," International journal of hydrogen energy, vol. 32, no. 2, pp. 268-286, 2007.	C. Yang and J. Ogden	2007
D7A.1	peer-reviewed article	I. W. D. R. a. R. F. M. Tubagus Aryandi Gunawan, "Decarbonising city bus networks in Ireland with renewable hydrogen," forthcoming international journal of hydrogen.	Tubagus Aryandi Gunawan	2021
D7A.1	Peer-reviewed article	F. C. A. G. M. M. Paolo Gabrielli, "Enabling low-carbon hydrogen supply chains through use of biomass and carbon capture and storage: A Swiss case study," Applied Energy 275 115245, 2020.	Paolo Gabrielli	2020
D7A.1	Peer-reviewed article	W. Chang, A. Huang, D. Huang and T. Chen, "An economic evaluation on the purification and storage of waste hydrogen for the use of fuel cell scooters," International journal of green energy, vol. 15, no. 13, pp. 1608-1614, 2016.	W. Chang et al.	2016
D7A.1	Peer-reviewed article	L. Li, H. Manier and M. A. Manier, "Integrated optimization model for hydrogen supply chain network design and hydrogen fueling station planning," 2020. [Online]. Available: https://doi.org/10.1016/j.compchemeng.2019.106683 .	L. Li et al.	2019
D7A.1	Peer-reviewed article	L. Schorer, S. Schmitz and A. Weber, "Membrane based purification of hydrogen systems," International Journal of Hydrogen Energy, vol. 44, no. 25, pp. 12708-12714, 2019.	L. Schorer et al.	2019
D7A.2	Peer-reviewed article	C. W. T. & G. J. Li, "Alternative Strategies Toward Sustainable Ammonia Synthesis," no. https://doi.org/10.1007/s12209-020-00243-x , 2020.	C. W. T. & G. J. Li	2020
D7A.1	Research paper	De Rijksoverheid, "Rijksoverheid: Klimaatakkoord Waterstof Plannen," 2019. [Online].	De Rijksoverheid	2019
D7A.1	Research paper	H. Fennema and M. van Beek, Infrastructure Outlook 2050, 2019, pp. 1-62.	H. Fennema and M. van Beek	2019
D7A.1	Research paper	Ministerie van Economische Zaken en Klimaat, Aanbiedingsbrief Kabinetsvisie Waterstof, 2020, pp. 1-20.	Ministerie van Economische Zaken en Klimaat	2020
D7A.1	Research paper	J. P. van Soest and H. Warmenhoven, Waterstof in het klimaatakkoord, 2019, p. 81.	J. P. van Soest and H. Warmenhoven	2019
D7A.1	Research paper	Beerenschot and Kalavasta, "Uitrolpaden voor het waterstofsysteem van Nederland in 2050," 2020. [Online].	Beerenschot and Kalavasta	2020

D7A.1	Research paper	Quintel, “Energy Transition Model,” Quintel, [Online]	Quintel	2020
D7A.1	Research paper	U. Albrecht, U. Bünger, J. Michalski, T. Raksha, R. Wurster and J. Zerhusen, International Hydrogen Strategies - A study commissioned by and in cooperation with the World Energy Council Germany, 2020, p. 3.	World Energy Council Germany	2020
D7A.1	Research paper	Bruce S, Temminghoff M, Hayward J, Schmidt E, Munnings C, Palfreyman D and Hartley P, National Hydrogen Roadmap, 2019, p. 116.	National Hydrogen Roadmap	2019
D7A.1	Research paper	A. Kosturjak, T. Dey, M. D. Young and S. Whetton, Advancing Hydrogen : Learning from 19 plans to advance hydrogen from across the globe, 2019.	A. Kosturjak et al.	2019
D7A.1	Research paper	NWP, “Nationaal Waterstof Programma,” 2021. [Online]	NWP	2021
D7A.1	Research paper	H2Gateway, “Poort naar een CO2-vrije waterstofeconomie,” 2020.	H2Gateway	2020
D7A.1	Research paper	H-Vision, “Blue hydrogen as accelerator and pioneer for energy transition in the industry,” 2019. [Online]	H-Vision	2019
D7A.1	Research paper	P. De Laat, “Overview of Hydrogen Projects in the Netherlands - TKI Nieuw Gas,” 2020. [Online]	TKI New Gas	2020
D7A.1	Research paper	Gasunie, Tennet, EZK, “HyWay 27,” 2021. [Online]	Gasunie	2021
D7A.1	Research paper	Gasunie and NBNL, “Het energiesysteem van de toekomst CGI NL,” 2021.	Gasunie and NBNL	2021
D7A.1	Research paper	Consortium Noord-Nederland, “Investeringsplan waterstof Noord-Nederland: uitbreiding van de waterstofvallei,” 2020.	Consortium Noord-Nederland	2020
D7A.1	Research paper	Industrie Nederland, “Industrie- energietop: Aanbod aan Nederland,” 2021.	Industrie Nederland	2021
D7A.1	Research paper	IEA, “The future of hydrogen,” International Energy Agency, 2019.	IEA	2019
D7A.1	Research paper	E. Polman, H. Vlap, P. Visser and A. v. d. Noort, “Een verkenning naar waterstofsificaties,” Kiwa, Apeldoorn, 2021.	Kiwa	2021
D7A.1	Research paper	IEAGHG, “Techno-economic evaluation of SMR based standalone (merchant) hydrogen plant with CCS,” IEAGHG, 2017.	IEAGHG	2017
D7A.1	Research paper	H21, “H21 North of England,” H21, 2018.	H21	2018

D7A.1	Research paper	Foster Wheeler, “Technical review (part 1): current state-of-the-art technologies for hydrogen production,” IEAGHG, 2017.	IEAGHG	2017
D7A.1	Research paper	F. Rooijers and F. Otte, “Marktontwikkeling van een duurzaam elektriciteitssysteem,” CE Delft, 2019.	CE Delft	2019
D7A.1	Research paper	G. Pawalec, “Presentation Hydrogen Europe: Near-term priorities from an economic perspective,” Hydrogen Europe, 2020.	Hydrogen Europe	2020
D7A.1	Research paper	Hydrogen Council, “Hydrogen Insights: A perspective on hydrogen investment, market development and cost,” Hydrogen Council, 2021.	Hydrogen Council	2021
D7A.1	Research paper	m. Brown and e. al., “Hy4heat Work Package 2 Hydrogen Purity, Final Report (DNV GL, NPL, Loughborough University, Elementenergy, Health & Safety Laboratory),” 2019.	Hy4heat	2019
D7A.1	Research paper	NRC, “The hydrogen economy: opportunities, costs, barriers and R&D needs,” Board on Energy and Environmental Systems, Washington DC, 2004.	NRC	2004
D7A.1	Research paper	D. Simbeck and E. Chang, “Hydrogen supply: cost estimates for hydrogen pathways - scoping analysis,” National Renewable Energy Laboratory (NREL), 2002.	NREL	2002
D7A.1	Research paper	H2A, “DOE Hydrogen Analysis Team (H2A),” 2005.	H2A	2005
D7A.1	Research paper	W. Amos, “Costs of storing and transporting hydrogen,” National Renewable Energy Lab, Golden, CO (US), 1999.	NREL	1999
D7A.1	Research paper	Hydrogen and Fuel Cell Technologies Office, “Hydrogen and Fuel Cell Technologies Office Multi-Year Research, Development, and Demonstration Plan: 3.2 Hydrogen Delivery,” Hydrogen and Fuel Cell Technologies Office, 2015.	Hydrogen and Fuel Cell Technologies Office	2015
D7A.1	Research paper	K. Reddi, “Hydrogen delivery scenario analysis model,” Department of Energy USA, 2015.	Department of Energy USA	2015
D7A.1	Research paper	N. Parker, “Using natural gas transmission pipeline costs to estimate hydrogen pipeline costs,” Institute of Transportation Studies University of California, California, 2004.	Institute of Transportation Studies University of California	2004
D7A.1	Research paper	D. Krieg, “Konzept und kosten eines pipelinesystems zur versorgung des deutschen straßenverkehrs mit wasserstoff,” Forschungszentrum Jülich, no. 144, 2012.	Forschungszentrum Jülich	2012
D7A.1	Research paper	ACER, “UIC Report - Gas infrastructure,” ACER, 2015.	ACER	2015
D7A.1	Research paper	A. v. d. Noort, W. Sloterdijk and M. Vos, “Verkenning waterstofinfrastructuur,” Ministerie Economische Zaken, 2017.	Ministerie Economische Zaken	2017

D7A.1	Research paper	ECN, “Verkenning Energifunctionaliteit Energie Eilanden Noordzee,” ECN, 2017.	ECN	2017
D7A.1	Research paper	DNV GL, “Hydrogen in the electricity value chain,” DNV GL, 2019.	DNV GL	2019
D7A.1	Research paper	H21, “Phase 1: Technical Executive Summary,” H21, 2021.	H21	2021
D7A.1	Research paper	Gas for Climate, “European Hydrogen Backbone,” Guidehouse, Utrecht, 2020.	Guidehouse	2020
D7A.1	Research paper	Gas for Climate, “Extending the European Hydrogen Backbone,” Guidehouse, Utrecht, 2021.	Guidehouse	2021
D7A.1	Research paper	P. Castello, P. Tzimas, P. Moretto and S. Peteves, “Techno-economic assessment of hydrogen transmission & distribution systems in Europe in the medium and long term,” The Institute for Energy, Petten, 2005.	The Institute for Energy	2005
D7A.1	Research paper	S. Völler, “Optimierte betriebsführung von windenergieanlagen durch energiespeicher,” Bergische Universität Wuppertal, Wuppertal, 2009.	S. Völler	2009
D7A.1	Research paper	North Sea Energy, “Technical assessment of hydrogen transport, compression, processing offshore,” TKI Offshore Wind & TKI New Gas, 2020.	TKI Offshore Wind & TKI New Gas	2020
D7A.1	Research paper	Hydrohub, “HyChain 2: Cost implications of importing renewable electricity, hydrogen and hydrogen carriers into the Netherlands from a 2050 perspective,” ISTP, 2018.	ISTP	2018
D7A.1	Research paper	Rabiei, “Hydrogen Management in Refineries”.	Rabiei	2012
D7A.1	Research paper	Benson J. and Celin A., “Recovering Hydrogen - and Profits - from Hydrogen-Rich Offgas,” Air Products, 2018.	Benson J. and Celin A	2018
D7A.1	Research paper	NREL, “H2A: Hydrogen Analysis Production Case Studies,” [Online]	NREL	2021
D7A.1	Research paper	U.S. Drive, “Hydrogen Delivery Technical Team Roadmap,” U.S. Drive Partnership, 2013.	U.S. Drive Partnership	2013
D7A.1	Research paper	MAHYTEC, “Hydrogen storage solutions,” MAHYTEC, 2020	MAHYTEC	2020
D7A.1	Research paper	J. Zheng, “Research state of the art and knowledge gaps in high pressure hydrogen storage,” 2016	J. Zheng	2016
D7A.1	Research paper	NREL, “Hydrogen station compression, storage, and dispensing: technical status and costs,” U.S. Department of Energy Hydrogen and Fuel Cells Program, 2014.	NREL	2014

D7A.1	Research paper	Strategy&, “HyWay27: waterstoftransport via het bestaande gasnetwerk?,” PWC, Amsterdam, 2021.	PWC	2021
D7A.1	Research paper	TNO, “Large-scale energy storage in salt caverns and depleted gas fields,” TNO, 2020.	TNO	2020
D7A.1	Research paper	Gasunie, “Market Consultation Hydrogen Infrastructure,” 01 10 2020. [Online]	Gasunie	2021
D7A.1	Research paper	Methanol Institute, “Methanol technical data sheet,” [Online]	Methanol	2021
D7A.1	Research paper	Hydrogen Council, “Path to hydrogen competitiveness,” Hydrogen Council, 2020.	Hydrogen Council	2020
D7A.1	Research paper	L. Cappellen, H. Croezen and F. Rooijers, “Feasibility study into blue hydrogen,” CE Delft, Delft, 2018.	CE Delft	2018
D7A.1	Research paper	Entsog, GIE, Hydrogen Europe, “How to transport and store hydrogen - Facts and figures,” Entsog, Gas Infrastructure Europe, Hydrogen Europe, 2021.	Entsog	2021
D7A.1	Research paper	H2Mobility, “Hydrogen Mobility Europe - Emerging Conclusions,” 2020. [Online]	H2Mobility	2020
D7A.1	Research paper	Waterstof Hoogeveen, “Waterstofwijk: Plan voor waterstof in Hoogeveen,” Project consortium Waterstof Hoogeveen, 2020.	Project consortium Waterstof Hoogeveen	2020
D7A.1	Research paper	D. Oppedisano, “A case study on emergency backup power with renewable energy,” UBC Sustainability Scholars Program, 2019.	D. Oppedisano	2019
D7A.1	Research paper	ISPT, “HyChain 3,” 2019.	ISPT	2019
D7A.1	Research paper	A. Almansoori and N. Shah, “Design and operation of a stochastic hydrogen supply chain network under demand uncertainty,” 2012. [Online].	A. Almansoori and N. Shah	2012
D7A.1	Research paper	H-Vision, Annexes to the H-vision Main Report, 2019, pp. 1-110.	H-Vision	2019
D7A.1	Research paper	DNV GL, “Rapport Taskforce Infrastructuur Klimaatakkoord Industrie,” 2020. [Online]. Available: https://www.rijksoverheid.nl/documenten/rapporten/2020/04/15/bijlage-rapport-taskforce-infrastructuur-klimaatakkoord-industrie .	DNV GL	2020
D7A.2	Research paper	M. Batool and W. Wetzels, “Decarbonisation Options for the Dutch Fertiliser Industry,” PBL Netherlands Environmental Assessment Agency, no. October, pp. 22-23, 2019.	PBL	2019
D7A.2	Research paper	CBS, “CO2 prijs emissiehandel,” 2021	CBS	2021

D7A.2	Research paper	Trading Economics, “EU Natural Gas,” 2021	Trading Economics	2021
D7A.2	Research paper	DNV, “Ammonia as a marine fuel,” 2020.	DNV	2020
D7A.2	Research paper	K. Van Kranenburg, Y. Van Delft, A. Gavrilova, R. De Kler, C. Schipper, R. Smokers, M. Verbeek and R. Verbeek, “E-fuels: towards a more sustainable future for truck transport, shipping and aviation,” 2020.	K. Van Kranenburg et al.	2020
D7A.2	Research paper	TNO, Maritiem Kennis Centrum, TU Delft, “Methanol as an alternative fuel for vessels,” 2018.	TNO	2018
D7A.2	Research paper	IRENA, “Innovation Outlook: Renewable Methanol,” 2021.	IRENA	2021
D7A.2	Research paper	Panorama, “Panorama Green Gas 2021,” 2021. [Online]	Panorama	2021
D7A.2	Research paper	S. t. Horst, “Hoeveel waterstof tankstations telt Nederland in 2021?,” Autovanmorgen.nl, 5 4 2021. [Online]	S. t. Horst	2021
D7A.2	Research paper	Dutch Government, “Climate Agreement,” Dutch Government, The Hague, 2019.	Dutch Government	2019
D7A.2	Research paper	S. Lyons, H. Bryson-jones and B. Madden, “Business Case Assessment and Customer Value Proposition Analysis (WP5),” no. 671438, 2020.	S. Lyons et al.	2020
D7A.2	Research paper	IEA, “The Future of Hydrogen - Seizing today's opportunities,” 2020.	IEA	2020
D7A.2	Research paper	ANWB, “ https://www.anwb.nl/auto/elektrisch-rijden/wat-kost-het ,” ANWB. [Online]. [Accessed 16 12 2021].	ANWB	2021
D7A.2	Research paper	Hydrogen Council, “Path to hydrogen competitiveness,” Hydrogen Council, 2020.	Hydrogen Council	2020
D7A.2	Research paper	EZK, “Klimaatakkoord,” Rijksoverheid, Den Haag, 2019.	EZK	2019
D7A.2	Research paper	Vastelastenbond, “Gasverbruik per woonsituatie en type woning,” [Online]	Vastelastenbond	2021
D7A.2	Research paper	Quintel, “Heat pumps,” [Online]	Quintel	2021
D7A.2	Research paper	Green Gas Panorama consortium, “Green Gas Panorama,” VGGP, GasTerra, BBO, Groen Gas Nederland, KVGn, RVO, NEC, 2021.	Green Gas Panorama consortium,	2021

D7A.2	Research paper	TNO, BLIX Consultancy, “Pathways to potential cost reductions for offshore,” TKI Wind op zee, 2021.	TNO/Blix Consultancy	2021
D7A.2	Research paper	Hydrohub, “HyChain 2: Cost implications of importing renewable electricity, hydrogen and hydrogen carriers into the Netherlands from a 2050 perspective,” ISPT, 2018.	Hydrohub	2018
D7A.2	Research paper	A. H. Apeldoorn and D. A. Co-auteurs, “Productketenanalyses ammoniak , chloor en LPG Fase 1 : Technische / grondstoffelijke / economische en externe veiligheidsaspecten van de ketens,” 2003.	A. H. Apeldoorn	2003
D7A.2	Research paper	J. R. Bartels and M. B. Pate, “A feasibility study of implementing an ammonia economy. Final report. Grant number: 07S-01,” 2008.	J. R. Bartels and M. B. Pate	2008
D7A.2	Research paper	J. Tijdgat, “Shipping Renewable Hydrogen carriers,” Delft, 2020.	J. Tijdgat	2020
D7A.2	Research paper	Koninklijk Nederlands Meteorologisch Instituut, “KNMI North Sea Wind atlas,” KNMI, 14 December 2021	KNMI	2021
D7A.2	Research paper	J. Besier and M. Marsidi, “Decarbonisation options for the Dutch Ceramic industry,” 2020. [Online].	J. Besier and M. Marsidi	2020
D7A.1	web article	General Electric, “Can GE's gas turbines run on hydrogen fuel?,” GE, [Online]	General Electric	2021
D7A.3	Research paper	R. v. Zoelen, J. Kee, C. Jepma, M. v. Schot en S. Mafhoozi, „D7A.2 Techno-economic analysis of hydrogen value chains in the Netherlands: value chain design and results,” HyDelta, 2022.	HyDelta	2022
D7A.3	Research paper	M. Batool en W. Wetzels, „Decarbonisation Options for the Dutch Fertiliser Industry,” <i>PBL Netherlands Environmental Assessment Agency</i> , nr. October, pp. 22-23, 2019.	PBL	2019
D7A.3	Web page	CBS, „CO2 prijs emissiehandel,” 2021	CBS	2021
D7A.3	Web page	Trading Economics, „EU Natural Gas,” 2021. [Online]	Trading Economics	2021
D7A.3	Web page	DNV, „Ammonia as a marine fuel,” 2020	DNV	2020
D7A.3	Web page	Dutch Government, „Climate Agreement,” Dutch Government, The Hague, 2019.	Dutch Government	2019
D7A.3	Research paper	J. Kee, R. v. Zoelen en M. v. Schot, „D7A.1 Hydrogen value chain literature review,” HyDelta, 2021.	HyDelta	2021
D7A.3	Research paper	TNO, „D7B.1 Factsheets H2 value chain elements,” HyDelta, 2022.	TNO	2022
D7A.3	Research paper	Gas for Climate, „Market state and trends in renewable and low-carbon gases in Europe,” Gas for Climate, Utrecht, 2020.	Gas for Climate	2020
D7A.3	Research paper	IRENA, „Innovation Outlook: Renewable Methanol,” 2021.	IRENA	2021

D7A.3	Research paper	IEA, „The Future of Hydrogen - Seizing today's opportunities,” 2020.	IEA	2020
D7A.3	Research paper	Kiwa, „Toekomstbestendige gasdistributienetten,” Kiwa, Apeldoorn, 2018.	Kiwa	2018
D7A.3	Research paper	TNO, „Waterstof als optie voor een klimaatneutrale warmtevoorziening in de bestaande bouw,” TNO, 2020.	TNO	2020
D7A.3	Research paper	Belastingdienst, „Tabellen tarieven milieubelastingen,” 2022. [Online]	Belastingdienst	2022
D7A.3	Research paper	EZK, „Klimaatakkoord,” Rijksoverheid, Den Haag, 2019.	EZK	2019
D7A.3	Research paper	European Commission, „Proposal for an amending Directive (EU) 2018/2001,” European Commission, Brussels, 2021.	European Commission	2021
D7A.3	Research paper	R. v. Zoelen, C. Jepma, J. Bonetto en A. Serna Tamez, „D8.4 Economic aspects of Mandatory Hydrogen Blending Quota Schemes,” HyDelta, 2022.	HyDelta	2022
D7A.3	Research paper	R. v. Zoelen, J. Bonetto en C. Jepma, „D8.3 Pilots for introducing hydrogen blending quota,” HyDelta, 2022.	HyDelta	2022
D7A.3	Research paper	R. v. Zoelen, J. Bonetto en C. Jepma, „D8.2 Assessment Admixing Schemes,” HyDelta, 2021.	HyDelta	2021
D7A.3	Research paper	R. v. Zoelen, J. Bonetto en C. Jepma, „D8.1 Admixing Literature review,” HyDelta, 2021`.	HyDelta	2021
D7A.3	Research paper	R. v. Zoelen en C. Jepma, „D8.5 Mandatory blending: Policy summary,” HyDelta, 2022.	HyDelta	2022

11. WP7B

Deliverable D7B.1 shares the same references with D7B.2. Unique D7B.2 references are included in the list below as well.

Deliverable Number	Category	Title	Author or Organization	Year
D7B.1/D7B.2	MSc. thesis	A. Louwen (thesis at EBN) - Comparison of the life cycle greenhouse gas emissions of shale gas, conventional fuels and renewable alternatives from a Dutch perspective	A. Louwen	2011
D7B.1/D7B.2	Peer-reviewed article	A. Ozarlan, "Large-scale hydrogen energy storage in salt caverns," Int. J. Hydrogen Energy, vol. 37, no. 19, pp. 14265–14277, 2012	A. Ozarlan	2012
D7B.1/D7B.2	Peer-reviewed article	Aasadnia, M., & Mehrpooya, M. (2018). Large-scale liquid hydrogen production methods and approaches: A review. In Applied Energy (Vol. 212, pp. 57–83). Elsevier Ltd. https://doi.org/10.1016/j.apenergy.2017.12.033	Aasadnia et al.	2018
D7B.1/D7B.2	Peer-reviewed article	R.K.Ahluwalia et al. (2020) System Level Analysis of Hydrogen Storage Options. Available at https://www.hydrogen.energy.gov/pdfs/review20/st001_ahluwalia_2020_o.pdf	Ahluwalia et al.	2020
D7B.1/D7B.2	Peer-reviewed article	André, J., Auray, S., De Wolf, D., Memmah, M. M., & Simonnet, A. (2014). Time development of new hydrogen transmission pipeline networks for France. International Journal of hydrogen energt, 39920), 10323-10337.	André et al.	2014
D7B.1/D7B.2	Peer-reviewed article	Anicic et al. 2014. Comparison between two methods of methanol production from carbon dioxide	Anicic et al.	2014
D7B.1/D7B.2	Web page	Asahi Kasei: https://www.nedo.go.jp/content/100925658.pdf ; Asahi Kasei 2018 brochure - Electrolysis System for 100% Green H2	Asahi Kasei	2018
D7B.1/D7B.2	Web page	https://www.basf.com/global/en/media/news-releases/2018/04/P-US-18-044.html	BASF	2018
D7B.1/D7B.2	Peer-reviewed article	Feasibility study of methanol production plant from hydrogen and captured carbon dioxide	Bellotti et al.	2017
D7B.1/D7B.2	Peer-reviewed article	Bulushev, D. A., & Ross, J. R. H. (2018). Towards Sustainable Production of Formic Acid. ChemSusChem, 11(5), 821–836. doi:10.1002/cssc.201702075	Bulushev et al.	2018
D7B.1/D7B.2	Peer-reviewed article	C. Fúnez Guerra et al, 2020, Techno-economic analysis for a green NH3 production plant in Chile and its subsequent transport to Japan	C. Fúnez Guerra et al.	2020
D7B.1/D7B.2	Peer-reviewed article	Caglayan,D.G. et al. (2020). Technical potential of salt caverns for hydrogen storage in Europe, International Journal of Hydrogen Energy, Volume 45, Issue 11, pp 6793-6805,	Caglayan et al.	2020

D7B.1/D7B.2	Web page	Caloric Anlagenbau GmbH (2021). Available at: https://www.caloric.com/en/product/hydrogen-generation/hydrogen-by-methanol-reforming/ Hydrogen by Methanol Reforming - Caloric Anlagenbau GmbH	Caloric Anlagenbau	2021
D7B.1/D7B.2	Peer-reviewed article	2017 - Cardella et al - Economically viable large-scale hydrogen liquefaction	Cardella et al.	2017
D7B.1/D7B.2	Web page	https://cargohandbook.com/Formic_acid	Cargohandbook	?
D7B.1/D7B.2	Peer-reviewed article	Castello, P, E Tzimas, P Moretto, and S D Peteves. “Techno-Economic Assessment of Hydrogen Transmission & Distribution Systems in Europe in the Medium and Long Term.” Petten, The Netherlands: The Institute for Energy, March 2005	Castello et al.	2005
D7B.1/D7B.2	Peer-reviewed article	d’Amore-Domenech, R., Leo, T. J., & Pollet, B. G. (2021). Bulk power transmission at sea: Life cycle cost comparison of electricity and hydrogen as energy vectors. Applied Energy, 288, 116625. https://doi.org/10.1016/j.apenergy.2021.116625	d’Amore-Domenech et al.	2021
D7B.1/D7B.2	Miscellaneous	Danish Energy Agency and Energinet (2020). Technology Data – Energy storage	Danish Energy Agency	2020
D7B.1/D7B.2	Research paper	NSE3 Technical assessment of Hydrogen transport, compression, processing offshore	North Sea Energy Consortium	2020
D7B.1/D7B.2	Miscellaneous	DNV database	DNV	?
D7B.1/D7B.2	Miscellaneous	DNV GL - GIE database	DNV GL	?
D7B.1/D7B.2	Research paper	DNV GL (2020). Study on the Import of Liquid Renewable Energy: Technology Cost Assessment	DNV GL	2020
D7B.1/D7B.2	Research paper	Systems analyses Power to Gas: A technology review; Part of TKI project TKIG01038 – Systems analyses Power-to-Gas pathways; Deliverable 1: Technology Review	DNV KEMA	2013
D7B.1/D7B.2	Miscellaneous	DOE (2013). Onboard Type IV Compressed Hydrogen Storage Systems – Current Performance and Cost	DOE	2013
D7B.1/D7B.2	Research paper	E. Morgan, 2013 (PhD), Techno-Economic Feasibility Study of NH3 Plants Powered by Offshore Wind, Ch. 6.5	E. Morgan	2013
D7B.1/D7B.2	Peer-reviewed article	E. Morgan et al, 2017, Sustainable ammonia production from US offshore wind farms, a techno-economic review	E. Morgan et al.	2017
D7B.1/D7B.2	Research paper	ECN (ISPT), 2017, Power to Ammonia	ECN	2017

D7B.1/D7B.2	Research paper	Element Energy, 2018, Hydrogen supply chain evidence base	Element Energy	2018
D7B.1/D7B.2	Peer-reviewed article	M. Eriksson and S. Ahlgren - LCAs of petrol and diesel - a literature review	Eriksson and Ahlgren	2013
D7B.1/D7B.2	Research paper	Euro chlor (2018): The Energy Situation in Europe	Euro chlor	2018
D7B.1/D7B.2	Research paper	2020 European Hydrogen Backbone Report	European Hydrogen Backbone Report	2020
D7B.1/D7B.2	Web page	https://evos.eu/terminal-rotterdam/	Evos	?
D7B.1/D7B.2	Book section	Fritz Crotogino, 2016. Chapter 19 - Traditional Bulk Energy Storage—Coal and Underground Natural Gas and Oil Storage. Storing Energy, Elsevier.	F. Crotogino	2016
D7B.1/D7B.2	Research paper	FCH JU (2017) - Study on early business cases for H2 in energy storage and more broadly power to H2 applications. Final report www.fch.europa.eu/sites/default/files/P2H_Full_Study_FCHJU.pdf .	FCH JU	2017
D7B.1/D7B.2	Web page	https://fuelcellsworks.com/subscribers/khi-develops-worlds-largest-marine-hydrogen-storage-tank-system/	Fuelcellsworks	?
D7B.1/D7B.2	Research paper	Extending the European Hydrogen Backbone. A EUROPEAN HYDROGEN INFRASTRUCTURE VISION COVERING 21 COUNTRIES APRIL 2021, https://gasforclimate2050.eu/wp-content/uploads/2021/06/European-Hydrogen-Backbone_April-2021_V3.pdf	gasforclimate2050	2021
D7B.1/D7B.2	Web page	https://www.gateterminal.com/en/commercial/facilities-main-characteristics/	gateterminal	?
D7B.1/D7B.2	Miscellaneous	GIE database liquid renewable energy	GIE	?
D7B.1/D7B.2	Web page	Giner ELX - https://www.ginerelex.com/electrolyzer-systems	Giner ELX	?
D7B.1/D7B.2	Peer-reviewed article	P-M. Heuser, D.S.Ryberg,T.Grube. M.Robinius, D. Stolten (2019). Techno-economic analysis of a potential energy trading link between Patagoni and Japan based on CO2 free hydrogen	Heuser et al.	2019
D7B.1/D7B.2	Miscellaneous	Hychain datasheet	Hychain	?
D7B.1/D7B.2	Research paper	HyChain II (2019). Cost implications of importing renewable electricity, hydrogen and hydrogen carriers into the Netherlands from a 2050 perspective	HyChain II	2019
D7B.1/D7B.2	Research paper	Path to hydrogen competitiveness. A cost perspective 20 January 2020;	Hydrogen Council	2020

D7B.1/D7B.2	Presentation	Hydrogenics (now part of Cummins) 2019 presentation: Large scale PEM electrolysis - technology status and upscaling strategies	Hydrogenics	2019
D7B.1/D7B.2	Web page	HydrogenPro / THE: https://hydrogen-pro.com/solutions/ and http://www.cnthe.com/en/product_detail-35-43-30.html	HydrogenPro	?
D7B.1/D7B.2	Research paper	HydroHub (ISPT), 2019, HyChain3 - Analysis of the current state and outlook of technologies for production	HydroHub (ISPT)	2019
D7B.1/D7B.2	Web article	HyWay 27: hydrogen transmission using the existing natural gas grid? Final report for the Ministry of Economic Affairs and Climate Policy (June 2021); https://www.hyway27.nl/en/latest-news/hyway-27-realisation-of-a-national-hydrogen-network	HyWay 27	2021
D7B.1/D7B.2	Research paper	IEA 2019. The Future of Hydrogen (Assumptions Annex)	IEA	2019
D7B.1/D7B.2	Research paper	IEA, 2020, Future of Hydrogen	IEA	2020
D7B.1/D7B.2	Miscellaneous	IEA G20 Hydrogen report: Assumptions;	IEA	?
D7B.1/D7B.2	Research paper	IEA, Future of hydrogen (technical parameters annex)	IEA	2019
D7B.1/D7B.2	Research paper	IEAGHG, 2017, Techno-Economic Evaluation of SMR Based Standalone (Merchant) Hydrogen Plant with CCS. Accessed through https://ieaghg.org/exco_docs/2017-02.pdf	IEAGHG	2017
D7B.1/D7B.2	Research paper	IRENA, 2018, Hydrogen from Renewable Power Technology Outlook for the Energy Transition	IRENA	2018
D7B.1/D7B.2	Miscellaneous	ISPT, 2020, Gigawatt green hydrogen plant	ISPT	2020
D7B.1/D7B.2	Web page	ITM Power - 10MW and larger PEM units https://www.itm-power.com/hgas10mw	ITM Power	?
D7B.1/D7B.2	Peer-reviewed article	J. Andersson, S. Grönkvist (2019). Large-scale storage of hydrogen Int J Hydrogen Energy, 44 (23), pp. 11901-11919	J. Andersson and S. Grönkvist	2019
D7B.1/D7B.2	MSc. thesis	Jakobsen, Daniel; Åtland, Vegar, 2016, NTNU, Concepts for Large Scale Hydrogen Production	Jakobsen	2016
D7B.1/D7B.2	Web page	John Cokerill: https://h2.johncokerill.com/en/products/electrolysers/	John Cokerill	?
D7B.1/D7B.2	Research paper	Johnson Matthey Technology Review - Reducing the Carbon Intensity of Methanol for Use as a Transport Fuel	Johnson Matthey	2017

D7B.1/D7B.2	Peer-reviewed article	K. Rouwenhorst et al, 2019, Islanded ammonia power systems - Technology review & conceptual process	K. Rouwenhorst et al.	2019
D7B.1/D7B.2	Miscellaneous	A.T Kearney (2014), Energy transition Institute, Hydrogen based energy conversion, 2014.	Kearney	2014
D7B.1/D7B.2	Miscellaneous	Linde, 2019, Modular air separation plants	Linde	2019
D7B.1/D7B.2	Web page	Linde, 2013, https://www.greencarcongress.com/2013/09/20130925-linde.html	greencarcongress	2013
D7B.1/D7B.2	Peer-reviewed article	Rodica Loisel, Laurent Baranger, Nezha Chemouri, Stefania Spinu, Sophie Pardo (2015). Economic evaluation of hybrid off-shore wind power and hydrogen storage system.40, 6727-6739	Loisel et al.	2015
D7B.1/D7B.2	Peer-reviewed article	A.Lulianelli et al (2014). Methanol steam reforming for hydrogen generation via conventional and membrane reactors: A review. Renewable and Sustainable Energy reviews, 29, pp.355-368	Lulianelli et al.	2014
D7B.1/D7B.2	Research paper	M. Rumayor - HCOOH Manufacture - CO2 Utilization Alternatives	M. Rumayor	2018
D7B.1/D7B.2	Peer-reviewed article	M. Reuß et al. (2017): Seasonal storage and alternative carriers: a flexible hydrogen supply chain model. Applied Energy 200, 290-302	M. Reuß et al.	2017
D7B.1/D7B.2	Web page	Mahler AGS (2021). Available at Hydrogen Generation by Methanol Reforming Mahler AGS (mahler-ags.com)	Mahler AGS	2021
D7B.1/D7B.2	Peer-reviewed article	Marlin, D.S., Sarron, E., Sigurbjörnsson, O., Process Advantages of Direct CO2 to Methanol Synthesis. Front. Chem., 2018, 6:446	Marlin et al.	2018
D7B.1/D7B.2	Book section	Max Appl, 2012, Ammonia 2. Production Processes, Ullmann's Encyclopedia of Industrial Chemistry	Max Appl	2012
D7B.1/D7B.2	Web page	McPhy: https://mcphy.com/en/equipment-services/electrolyzers/large/	McPhy	?
D7B.1/D7B.2	Manual	Methanol Institute Atmospheric Above Ground Tank Storage of Methanol	Methanol Institute	?
D7B.1/D7B.2	Web page	https://www.ewi.uni-koeln.de/de/publikationen/globales-ptx-produktions-und-importkostentool/	Moritz et al.	?
D7B.1/D7B.2	Miscellaneous	MVS Engineering brochure	MVS Engineering	2018
D7B.1/D7B.2	Research paper	R. Nayak-Luke et al, 2018, Green Ammonia - Impact of RES Intermittency on Plant Sizing and Levelized Cost of Ammonia	Nayak-Luke et al.	2018
D7B.1/D7B.2	Web page	Nel Hydrogen: https://nelhydrogen.com/resources/electrolysers-brochure/	Nel Hydrogen	?
D7B.1/D7B.2	Research paper	Niermann, M., Drünert, S., Kaltschmitt, M., & Bonhoff, K. (2019). Liquid organic hydrogen carriers (lohcs) – techno-economic analysis of LOHCs in a defined	Niermann et al.	2019

		process chain. Energy & Environmental Science, 12(1), 290–307. https://doi.org/10.1039/c8ee02700e		
D7B.1/D7B.2	Research paper	NOE, 2018, H21 North of England Report v1.0 - Northern Gas Networks	NOE	2018
D7B.1/D7B.2	Conference proceeding	Noelker & Johannig, 2010, Autothermal reforming: a flexible syngas route with future potential	Noelker & Johannig	2010
D7B.1/D7B.2	Peer-reviewed article	The future of solar fuels: when could they become competitive?	North Sea Energy Consortium	2018
D7B.1/D7B.2	Research paper	NSE3 - D3.8. Offshore Energy Islands	North Sea Energy Consortium	2020
D7B.1/D7B.2	Research paper	Northern Gas Networks & Equinor, 2018, H21 North of England report	Northern Gas Networks & Equinor	2018
D7B.1/D7B.2	Miscellaneous	NREL (2014) - Hydrogen Station Compression, Storage, and Dispensing. Technical Status and Costs. Technical Report NREL/BK-6A10-58564.	NREL	2014
D7B.1/D7B.2	Peer-reviewed article	Future cost and performance of water electrolysis: An expert elicitation study, international journal of hydrogen energy 42 (2017) 30470-30492	O. Schmidt et al.	2017
D7B.1/D7B.2	Peer-reviewed article	P.Ribeirinha et. Al. (2014). Study of different designs of methanol steam reformers: Experiment and modelling. International Journal of Hydrogen energy, vol 39. pp. 19970-19981.	P.Ribeirinha et al.	2014
D7B.1/D7B.2	Peer-reviewed article	Pérez-Fortes, M.; Schöneberger, J.C.; Boulamanti, A.; Harrison, G.; Tzimas, E. Formic acid synthesis using CO2 as raw material: Techno-economic and environmental evaluation and market potential. Int. J. Hydrog. Energy 2016, 41, 16444–16462.	Pérez-Fortes et al.	2016
D7B.1/D7B.2	Web page	PERIC: http://www.peric718.com/Alkaline-Type-Hydrogen-G/r-85.html	PERIC	?
D7B.1/D7B.2	Research paper	2011 - Advanced hydrogen liquefaction process - Praxair and DOE	Praxair and DOE	2011
D7B.1/D7B.2	Peer-reviewed article	R. Tarkowski, “Underground hydrogen storage: Characteristics and prospects,” Renew. Sustain. Energy Rev., vol. 105, no. February 2017, pp. 86–94, 2019	R. Tarkowski	2019
D7B.1/D7B.2	Peer-reviewed article	2019 - Reuß, M., Grube, T., Robinius, M., & Stolten, D. - A hydrogen supply chain with spatial resolution: Comparative analysis of infrastructure technologies in Germany. Applied Energy, 247, 438–453. https://doi.org/10.1016/j.apenergy.2019.04.064	Reuß et al.	2019

D7B.1/D7B.2	Peer-reviewed article	2016 - M. Reuß, T. Grube, M. Robinius, P. Preuster, P. Wasserscheid, D. Stolten - Seasonal storage and alternative carriers: A flexible hydrogen supply chain model	Reuß et al.	2017
D7B.1/D7B.2	Web page	S&P Global (2020). Green hydrogen costs need to fall over 50% to be viable: S&P Global Ratings S&P Global Platts (spglobal.com)	S&P Global	2020
D7B.1/D7B.2	MSc. thesis	S.Lanphen (2019). Hydrogen Import Terminal: Master Thesis, Delft University of Technology	S. Lanphen	2019
D7B.1/D7B.2	Peer-reviewed article	Scott Su (2021). Optimization of BOG management during LNG unloading with dynamic simulation. http://gasprocessingnews.com/features/201912/optimization-of-bog-management-during-lng-unloading-with-dynamic-simulation.aspx	S. Su	2021
D7B.1/D7B.2	Research paper	Sehwa kim et al (2019). Steam reforming of methanol for ultra-pure H2 production in a membrane reactor: Techno-economic analysis. International Journal of Hydrogen, 44 (4), pp. 2330-2339	Sehwa et al.	2019
D7B.1/D7B.2	Web page	Siemens hydrogen solutions - https://www.siemens-energy.com/global/en/offerings/renewable-energy/hydrogen-solutions.html	Siemens hydrogen	?
D7B.1/D7B.2	Peer-reviewed article	Carbon neutral aviation with current engine technology: the take-off of synthetic kerosene production in the Netherlands	Terwel et al.	2018
D7B.1/D7B.2	Peer-reviewed article	S. Tesch et al, 2019, Comparative Evaluation of Cryogenic Air Separation Units from the Exergetic and Economic Points of View	Tesch et al.	2019
D7B.1/D7B.2	Web page	Thermal Dynamix website - https://www.thermaldynamix.com/ammonia-dissociators	Thermal Dynamix	?
D7B.1/D7B.2	Web page	ThyssenKrupp: https://www.thyssenkrupp-uhde-chlorine-engineers.com/en/products/water-electrolysis-hydrogen-production	ThyssenKrupp	?
D7B.1/D7B.2	Miscellaneous	Thyssenkrupp Industrial Solutions – Ammonia technology brochure	Thyssenkrupp	?
D7B.1/D7B.2	Miscellaneous	TNO, 2018. Factsheets about SMR, Accessed through https://energy.nl (July 2021)	TNO	2018
D7B.1/D7B.2	Miscellaneous	TNO, 2019. Factsheets about ATR, Accessed through https://energy.nl (July 2021)	TNO	2019
D7B.1/D7B.2	Miscellaneous	TNO ETS factsheet about MeOH from CO2 (2019)	TNO	2019
D7B.1/D7B.2	Research paper	2020 - TNO - International Supply Chains of Renewable Energy Using Hydrogen: Argentina - The Netherlands	TNO	2020

D7B.1/D7B.2	Miscellaneous	TNO(2020).Technology Factsheet: Compressed Hydrogen Storage, available at https://energy.nl/wp-content/uploads/2021/04/Compressed_Hydrogen_Storage-1.pdf	TNO	2020
D7B.1/D7B.2	Research paper	TNO, 2020. Large-Scale Energy Storage in Salt Caverns and Depleted Fields (LSES) – Project Findings	TNO	2020
D7B.1/D7B.2	Peer-reviewed article	Techno-economic analysis for the synthesis of liquid and gaseous fuels based on hydrogen production via electrolysis	Tremel et al.	2015
D7B.1/D7B.2	Web page	UltraCell (2021). Reformed methanol fuel cell. Available at UltraCell Applications (ultracell-llc.com)	UltraCell	2021
D7B.1/D7B.2	Book section	V. Hacker and K. Kordesch, 2003, Ammonia Crackers, Volume 3, Part 2, pp 121–127, Handbook of Fuel Cells – Fundamentals, Technology and Applications	V. Hacker and K. Kordesch	2003
D7B.1/D7B.2	Peer-reviewed article	Design and simulation of a methanol production plant from CO2 hydrogenation	Van Dal and Bouallou	2013
D7B.1/D7B.2	Peer-reviewed article	2016 - Wang, H., Zhou, X., Ouyang, M. - Efficiency analysis of novel Liquid Organic Hydrogen Carrier technology and comparison with high pressure storage pathway	Wang et al.	2016
D7B.1/D7B.2	Peer-reviewed article	Wang, T et al. 2019. Determination of the maximum allowable gas pressure for an underground gas storage salt cavern – A case study of Jintan, China. Journal of Rock Mechanics and Geotechnical Engineering, Volume 11, Issue 2	Wang et al.	2019
D7B.1/D7B.2	Peer-reviewed article	A.T. Wijayanta et al. (2019). Liquid hydrogen, methylcyclohexane, and ammonia as potential hydrogen storage: Comparison review. International Journal of Hydrogen Energy. 44 (29). Pp 15026-15044	Wijayanta et al.	2019
D7B.1/D7B.2	Peer-reviewed article	2018 - Wulf, C., & Zapp, P. - Assessment of system variations for hydrogen transport by liquid organic hydrogen carriers. International Journal of Hydrogen Energy, 43(26), 11884–11895. https://doi.org/10.1016/j.ijhydene.2018.01.198	Wulf et al.	2018
D7B.1/D7B.2	Peer-reviewed article	Y.Ishimoto et.al. (2020). Large-scale production and transport of hydrogen from Norway to Europe and Japan: value chain analysis and comparison of liquid hydrogen and ammonia as energy carriers. International Journal of Hydrogen Energy, 45, pp 32865-32883	Y.Ishimoto et al.	2020
D7B.2	Peer-reviewed article	Parks, G., Boyd, R., Cornish, J., and Remick, R (2014). Hydrogen Station Compression, Storage, and Dispensing Technical Status and Costs: Systems Integration.	G. Parks et al.	2014

D7B.2	Peer-reviewed article	G. Sdanghi, G. Maranzana, A. Celzard, V. Fierro (2019). Review of the current technologies and performances of hydrogen compression for stationary and automotive applications. <i>Renewable and Sustainable Energy Reviews</i> , Volume 102, pp 150-170	G. Sdanghi et al.	2019
D7B.2	Peer-reviewed article	H. Derking et al. (2019). Liquid Hydrogen Storage: Status and future perspectives.	H. Derking et al.	2019
D7B.2	Peer-reviewed article	K. Ohlig, L. Decker (2014). The latest developments and outlook for hydrogen liquefaction technology.	K. Ohlig and L. Decker	2014
D7B.2	Peer-reviewed article	U. Cardella, L. Decker, J. Sundberg, H. Kleinb (2017). Process optimization for large-scale hydrogen liquefaction. <i>International Journal of Hydrogen Energy</i> Volume 42, Issue 17, 27 April 2017, Pages 12339-12354	U. Cardella et al.	2017
D7B.2	Research paper	DOE (2019). Current Status of Hydrogen Liquefaction Costs	DOE	2019
D7B.2	Miscellaneous	TNO, 2019, Factsheets about Methanol production, available from https://energy.nl (accessed July 2021)	TNO	2019
D7B.2	Peer-reviewed article	J. R. Bartels, 2008, A feasibility study of implementing an Ammonia Economy	J.R. Bartels	2008
D7B.2	Peer-reviewed article	P. Heffer & M. Prud'homme, 2016, Global nitrogen fertiliser demand and supply	P. Heffer & M. Prud'homme	2016
D7B.2	Peer-reviewed article	I. Cheema & U. Krewer, 2018, Operating envelope of Haber–Bosch process design for power-to-ammonia	I. Cheema & U. Krewer	2018
D7B.2	Research paper	NGN & Equinor, 2018, H21 North of England report	NGN & Equinor	2018

12. WP8

Deliverable Number	Category	Title	Author/Organization	Year
D8.2	Consulting report	Hellemans Energy Consultancy, “Leernetwerkbijeenkomst 2: Inkoop duurzaam gas,” september 2018. [Online]. Available: https://www.pianoo.nl/sites/default/files/media/documents/Presentaties%20Leernetwerk%20Duurzame%20Energie%20met%20feedback-september2018.pdf .	Hellemans Energy Consultancy	2018
D8.3	Consulting report	Autoriteit Consument & Markt, “Signaal 2021,” ACM, 2021.	ACM	2021
	directive	DIRECTIVE 2009/73/EC	The European Parliament and of the Council	2009
D8.1	directive	European Commission, “The European Green Deal,” Brussels, 2019.	European Commission	2019
D8.1	directive	THE EUROPEAN PARLIAMENT AND OF THE COUNCIL, “DIRECTIVE 2009/73/EC,” Official Journal of the European Union, 2009.	Official Journal of the European Union	2009
D8.1	directive	Ministerie van Infrastructuur en Waterstaat, “REDII besluit energie vervoer kalenderjaren 2022-2030,” Ministerie van Infrastructuur en Waterstaat, 6 januari 2021. [Online]	Ministerie van Infrastructuur en Waterstaat	2021
D8.2	directive	NEA, “Obligations - Energy for Transport,” 2021. [Online]	NEA	2021
D8.1	miscellaneous	Minister van Economische, Regeling gaskwaliteit, 2014.	Ministry of Economics	2014
D8.1	miscellaneous	De Minister van Economische Zaken en Klimaat, “Regeling van de Minister van Economische Zaken en Klimaat van 12 september 2018, nr. WJZ/18237821, tot wijziging van de Regeling gaskwaliteit in verband met aanpassingen van enkele invoedspecificaties en afleverspecificaties,” Staatscourant, 14 September 2018.	De Minister van Economische Zaken en Klimaat	2018
D8.1	miscellaneous	Ministerio de Industria, Turismo y Comercio, Boletín oficial del estado núm. 238, 2011.	Ministerio de Industria	2011
D8.1	miscellaneous	“HyDeploy,” Cadent, [Online]	HyDeploy	2020

D8.1	miscellaneous	Hydrogen Europe, “The EU hydrogen strategy: Hydrogen Europe's top 10 key recommendations,” Hydrogen Europe, 2020.	Hydrogen Europe	2020
D8.1	miscellaneous	Consumentenbond, “De groenste energieleverancier,” 20 november 2020. [Online]	Consumentenbond	2020
D8.1	miscellaneous	Statens energimyndighet, “Norwegian-Swedish Electricity Certificate Market Annual report 2015,” Statens energimyndighet, Stockholm/Oslo, 2016.	Statens energimyndighet	2016
D8.1	miscellaneous	Grexel, “Basics: learn the basics of energy certification,” [Online]	Grexel	2021
D8.2	miscellaneous	CertiQ, “Missie en visie,” CertiQ, [Online]	CertiQ	2021
D8.2	miscellaneous	CertiQ, “Soorten certificaten,” CertiQ, [Online]	CertiQ	2021
D8.2	miscellaneous	Grexel, “Basics: learn the basics of energy certification,” Grexel, [Online]	Grexel	2021
D8.2	miscellaneous	CertiQ, “Annual report 2006,” 2006.	CertiQ	2006
D8.2	miscellaneous	Green Gas Panorama consortium, “Green Gas Panorama,” VGGP, GasTerra, BBO, Groen Gas Nederland, KVGn, RVO, NEC, 2021.	Green Gas Panorama consortium	2021
D8.2	miscellaneous	CertiQ, “Annual report 2020,” 2021.	CertiQ	2021
D8.3	miscellaneous	M. C. Trexler, “Fixing Carbon Offsets,” The Climatographers , 2019.	The Climatographers	2019
D8.4	miscellaneous	Autoriteit Consument & Markt, “Signaal 2021,” ACM, 2021.	ACM	2021

Other	peer-reviewed article	Gas Decarbonisation Pathways 2020-2050	D. Peters, K. v. d. Leun, W. Terlouw, J. v. Tilburg, T. Berg, M. Schimmel, I. v. d. Hoorn, M. Buseman, M. Staats, M. Schenkel and G. U. R. Mir	2020
Other	peer-reviewed article	Clean or renewable – hydrogen and power-to-gas in EU energy law	R. Fleming	2020
Other	peer-reviewed article	Effect of natural gas components on its flame temperature, equilibrium combustion products and thermodynamic properties	K. H. Kayadelen	2017
Other	peer-reviewed article	Evaluation of hydrogen concentration effect on the natural gas properties and flow performance	A. A. Abd, S. Z. Naji, T. C. Thian and M. R. Othman	2020
Other	peer-reviewed article	Investigating the effect of hydrogen injection on natural gas thermo-physical properties with various compositions	M. Deymi-Dashtebayaz, A. Ebrahimi-Moghdam, S. I. Pishbin and M. Pourramezan	2018
Other	peer-reviewed article	The impact of natural gas/hydrogen mixtures on the performance of end-use equipment: Interchangeability analysis for domestic appliances	H. d. Vries, A. V. Mokhov and H. B. Levinsky	2017
Other	peer-reviewed article	Power-to-gas and the consequences: impact of higher hydrogen concentrations in natural gas on industrial combustion processes	J. Leicher, T. Nowakowski, A. Giese and K. Görner	2017

Other	peer-reviewed article	The use of the natural-gas pipeline infrastructure for hydrogen transport in a changing market structure	D. Haeseldonckx and W. D'haeseleer	2007
Other	peer-reviewed article	Materials aspects associated with the addition of up to 20 mol% hydrogen into an existing natural gas distribution network	K. Birkitt, M. Loo-Morrey, C. Sanchez and L. O'Sullivan	2020
Other	peer-reviewed article	Hydrogen Embrittlement Susceptibility of R4 and R5	G. Artola, A. Arredondo and A. I. Fernández-Calvo	2018
Other	peer-reviewed article	Formation Criterion of Hydrogen-Induced Cracking in Steel Based on Fracture Mechanics	L. Fu and H. Fang	2018
Other	peer-reviewed article	Enhanced hydrogen embrittlement of low-carbon steel to natural gas/hydrogen mixtures	J. Shang, W. Chen, J. Zheng, Z. Hua, L. Zhang, C. Zhou and C. Gu	2020
Other	peer-reviewed article	Field test of hydrogen in the natural gas grid	H. Iskov	2010
Other	peer-reviewed article	Toekomstbestendige gasdistributienetten	R. Hermkens, S. Jansma, M. v. d. Laan, H. d. Laat, B. Pilzer and K. Pulles	2018
Other	peer-reviewed article	Hydrogen influence on the tensile properties of mono and multi-layer polymers for gas distribution	S. Castagnet, J.-C. Grandidier, M. Comyn and G. Benoît	2010

Other	peer-reviewed article	Technical Reference for Hydrogen Compatibility of Materials	C. San Marchi and B. P. Somerday	2012
Other	peer-reviewed article	Incentives and legal barriers for power-to-hydrogen pathways: An international snapshot	F. Dolci, D. Thomas, S. Hilliard, C. F. Guerra, R. Hancke, H. Ito, M. Jegoux, G. Kreeft, J. Leaver, M. Newborough, J. Proost, M. Robinius, E. Weidner, C. Mansilla and P. Lucchese	2019
Other	peer-reviewed article	Setting a binding target for 11% renewable gas	M. Schimmel, D. Peters and K. v. d. Leun	2021
Other	peer-reviewed article	Admissible hydrogen concentrations in natural gas systems	K. Altfeld and D. Pinchbeck	2013
Other	peer-reviewed article	Hydrogen-enriched natural gas as a domestic fuel: an analysis based on flash-back and blow-off limits for domestic natural gas appliances within the UK	D. R. Jones, W. A. Al-Masry and C. W. Dunnill	2018
Other	peer-reviewed article	The Role of Hydrogen in Hydrogen Embrittlement of Metals: The Case of Stainless Steel	Y. S. Kim, S. S. Kim and B. H. Choe	2019
Other	peer-reviewed article	Charpy Impact Properties of Hydrogen-Exposed 316L Stainless Steel at Ambient and Cryogenic Temperatures	L. T. H. Nguyen, J.-S. Hwang, M.-S. Kim, J.-H. Kim, S.-K. Kim and J.-M. Lee	2019

Other	peer-reviewed article	Future Markets for Renewable gases & Hydrogen	Moraga González, Mulder & Perey	2019
Other	peer-reviewed article	Uitrolpaden voor het waterstofsysteem van Nederland in 2050	Berenschot & Kalavasta	2020
D8.1	Peer-reviewed article	K. Birkitt, M. Loo-Morrey, C. Sanchez and L. O’Sullivan, “Materials aspects associated with the addition of up to 20 mol% hydrogen into an existing natural gas distribution network,” International Journal of Hydrogen Energy, 2020.	K. Birkitt et al.	2020
D8.1	Peer-reviewed article	R. Fleming, “Clean or renewable – hydrogen and power-to-gas in EU energy law,” Journal of Energy & Natural Resources Law, 2020.	R. Fleming	2020
D8.1	Peer-reviewed article	F. Dolci, D. Thomas, S. Hilliard, C. F. Guerra, R. Hancke, H. Ito, M. Jegoux, G. Kreeft, J. Leaver, M. Newborough, J. Proost, M. Robinius, E. Weidner, C. Mansilla and P. Lucchese, “Incentives and legal barriers for power-to-hydrogen pathways: An international snapshot,” International Journal of Hydrogen Energy, pp. 11394-11401, 2019.	F. Dolci et al.	2019
D8.1	Peer-reviewed article	Dutch Government, “The Climate Agreement,” Den Hague, 2019.	Dutch Government	2019
D8.1	Peer-reviewed article	K. H. Kayadelen, “Effect of natural gas components on its flame temperature, equilibrium combustion products and thermodynamic properties,” Journal of Natural Gas Science and Engineering, 2017.	K. H. Kayadelen	2017
D8.1	Peer-reviewed article	A. A. Abd, S. Z. Naji, T. C. Thian and M. R. Othman, “Evaluation of hydrogen concentration effect on the natural gas properties and flow performance,” International Journal of Hydrogen Energy, 2020.	A. A. Abd et al.	2020
D8.1	Peer-reviewed article	M. Deymi-Dashtebayaz, A. Ebrahimi-Moghdam, S. I. Pishbin and M. Pourramezan, “Investigating the effect of hydrogen injection on natural gas thermo-physical properties with various compositions,” Energy, pp. 235-245, 2018.	M. Deymi-Dashtebayaz et al.	2018
D8.1	Peer-reviewed article	H. d. Vries, A. V. Mokhov and H. B. Levinsky, “The impact of natural gas/hydrogen mixtures on the performance of end-use equipment: Interchangeability analysis for domestic appliances,” Applied Energy, pp. 1007-1019, 2017.	H. d. Vries et al.	2017

D8.1	Peer-reviewed article	J. Leicher, T. Nowakowski, A. Giese and K. Görner, "Power-to-gas and the consequences: impact of higher hydrogen concentrations in natural gas on industrial combustion processes," Energy Procedia, pp. 96-103, 2017.	J. Leicher et al.	2017
D8.1	Peer-reviewed article	D. Haeseldonckx and W. D'haeseleer, "The use of the natural-gas pipeline infrastructure for hydrogen transport in a changing market structure," International Journal of Hydrogen Energy, pp. 1381-1386, 2007.	D. Haeseldonckx and W. D'haeseleer	2007
D8.1	Peer-reviewed article	G. Artola, A. Arredondo and A. I. Fernández-Calvo, "Hydrogen Embrittlement Susceptibility of R4 and R5," MDPI, 2018.	G. Artola et al.	2018
D8.1	Peer-reviewed article	J. Shang, W. Chen, J. Zheng, Z. Hua, L. Zhang, C. Zhou and C. Gu, "Enhanced hydrogen embrittlement of low-carbon steel to natural gas/hydrogen mixtures," Scripta Materialia, pp. 67-71, 2020.	J. Shang	2020
D8.1	Peer-reviewed article	S. Castagnet, J.-C. Grandidier, M. Comyn and G. Benoit, "Hydrogen influence on the tensile properties of mono and multi-layer polymers for gas distribution," International journal of hydrogen energy 35, pp. 7633-7640, 2010.	S. Castagnet et al.	2010
D8.1	Peer-reviewed article	C. Quarton and S. Samsatli, "Should we inject hydrogen into gas grids? Practicalities and whole-system value chain optimization," Applied Energy, no. 275, pp. 115-172, 2020.	C. Quarton and S. Samsatli	2020
D8.1	Peer-reviewed article	J. Michalski, U. Bünger, F. Crocogino, S. Donadei, G.S. Schneider, T. Pregger, K.K. Cao, D. Heide "Hydrogen generation by electrolysis and storage in salt caverns: Potentials, economics and systems aspects with regard to the German energy transition," International Journal of Hydrogen Energy, no. 42, pp. 13427-13443, 2017.	J. Michalski et al.	2017
D8.1	Peer-reviewed article	D. R. Jones, W. A. Al-Masry and C. W. Dunnill, "Hydrogen-enriched natural gas as a domestic fuel: an analysis based on flash-back and blow-off limits for domestic natural gas appliances within the UK," Sustainable Energy & Fuels, 11 June 2018.	D. R. Jones et al.	2018
D8.3	Peer-reviewed article	D. Broekhoff, M. Gillenwater, T. Colbert-Sangree and P. Cage, "Securing Climate Benefit: A Guide to Using Carbon Offsets," Stockholm Environment Institute & Greenhouse Gas Management Institute, 2019.	D. Broekhoff et al.	2019
D8.3	Peer-reviewed article	G. Maisonnier, J. Perrin, R. Steinberger-Wilckens, and S. C. Trümper, "European Hydrogen Infrastructure Atlas" and "Industrial Excess Hydrogen Analysis" PART II: Industrial surplus hydrogen and markets and production," Roads2HyCom, 2007.	G. Maisonnier et al.	2007
D8.4	Peer-reviewed article	R. Haas, G. Resch, C. Panzer, S. Busch, M. Ragwitz and A. Held, "Efficiency and effectiveness of promotion systems for electricity generation from renewable energy sources - Lessons from EU countries," Energy, no. 36, pp. 2186-2193, 2011.	R. Haas et al.	2011

D8.4	Peer-reviewed article	M. Hustveit, J. S. Frogner and S.-E. Fleten, “Tradable green certificates for renewable support: The role of expectations and uncertainty,” <i>Energy</i> , vol. 141, pp. 1717-1727, December 2017.	M. Hustveit et al.	2017
D8.4	Peer-reviewed article	G. Wood and S. Dow, “What lessons have been learned in reforming the Renewables Obligation? An analysis of internal and external failures in UK renewable energy policy,” <i>Energy Policy</i> , no. 39, pp. 2228-2244, 2011.	G. Wood et al.	2011
D8.4	Peer-reviewed article	A. Verbruggen, “Performance evaluation of renewable energy support policies, applied on Flanders' tradable certification system,” <i>Energy Policy</i> , no. 37, pp. 1385-1394, 2009.	A. Verbruggen	2009
D8.4	Peer-reviewed article	A. Johnston, A. Kavali and K. NeuHoff, “Take-or-pay contracts for renewables deployment,” <i>Energy Policy</i> , no. 36, pp. 2481-2503, 2008.	A. Johnston et al.	2008
D8.4	Peer-reviewed article	J. Lemming, “Financial risks for green electricity investors and producers in a tradable green certificate market,” <i>Energy Policy</i> , no. 31, pp. 21-32, 2003.	J. Lemming et al.	2003
D8.4	Peer-reviewed article	P. Menanteau, D. Finon and M. Lamy, “Prices versus quantities: choosing policies for promoting the development of renewable energy,” <i>Energy Policy</i> , no. 31, pp. 799-812, 2003.	P. Menanteau et al.	2003
D8.4	Peer-reviewed article	H. Raadal, E. Dotzauer, O. Hanssen and H. Kildal, “The interaction between Electricity Disclosure and Tradable Green Certificates,” <i>Energy Policy</i> , no. 42, pp. 419-428, 2012.	H. Raadal et al.	2012
D8.4	Peer-reviewed article	D. Toke, “The EU Renewable Directive - What is the fuss about trading,” <i>Energy Policy</i> , no. 38, pp. 3001-3008, 2008.	D. Toke	2008
D8.4	Peer-reviewed article	F. Frei, A. Loder and C. Bening, “Liquidity in green power markets - An international overview,” <i>Renewable and Sustainable Energy Reviews</i> , no. 93, pp. 674-690, 2018.	F. Frei et al.	2018
D8.4	Peer-reviewed article	F. Frei, A. Loder and C. R. Bening, “Liquidity in green power markets - An International review,” <i>Renewable and Sustainable Energy Reviews</i> , vol. 93, no. C, pp. 674-690, 2018.	F. Frei et al.	2018
D8.4	Peer-reviewed article	A. Johnston, K. Neuhoff, D. Fouquet, M. Ragwitz and G. Resch, “The proposed new EU renewables directive: interpretation, problems and prospects,” <i>European Energy and Environmental Law Review</i> , vol. 17, no. 3, pp. 126-145, 2008.	A. Johnston et al.	2008

D8.4	Peer-reviewed article	A. Held, R. Haas and M. Ragwitz, “On the success of policy strategies for the promotion of renewable electricity from renewable energy sources in the EU,” <i>Energy & Environment</i> , vol. 17, no. 6, pp. 849-868, 2006.	A. Held et al.	2006
D8.4	Peer-reviewed article	O. Tlili, C. Mansilla, D. Frimat and Y. Perez, “Hydrogen market penetration feasibility assessment: Mobility and natural gas markets in the US, Europe, China and Japan,” <i>International Journal of Hydrogen Energy</i> , vol. 44, no. 31, pp. 16048-16068, 2019.	O. Tlili et al.	2019
D8.4	Peer-reviewed article	A. Johnston, A. Kavali and K. Neuhoff, “Take-or-pay contracts for renewables deployment,” <i>Energy Policy</i> , no. 36, pp. 2481-2503, 2008.	A. Johnston et al.	2008
D8.4	Peer-reviewed article	P. d. R�o, “Analysing the interactions between renewable energy promotion and energy efficiency support schemes: The impact of different instruments and design elements,” <i>Energy Policy</i> , no. 38, pp. 4978-4989, 2010.	P. d. R�o	2010
D8.4	Peer-reviewed article	S. Nagl, “The effect of weather uncertainty on the financial risk of green electricity producers under various renewable policies,” <i>Econstor</i> , 2013.	S. Nagl	2013
D8.4	Peer-reviewed article	E. Amundsen, F. Baldursson and J. Mortensen, “Price volatility and banking in green certificate markets,” <i>Environmental & Resource Economics</i> , no. 35, pp. 259-287, 2006.	E. Amundsen et al.	2006
D8.4	Peer-reviewed article	R. Coenraads, G. Reece, C. Klessmann, M. Ragwitz, A. Held, G. Resch, C. Panzer, I. Konstantinaviciute and T. Chadim, “Renewable Energy Profiles: Final Version February 2008,” PROGRESS project, Utrecht, the Netherlands, 2008.	R. Coenraads et al.	2008
D8.4	Peer-reviewed article	G. Buckman, “The effectiveness of Renewable Portfolio Standard banding and carve-outs in supporting high-cost types of renewable electricity,” <i>Energy Policy</i> , no. 39, pp. 4105-4114, 2011.	G. Buckman	2011
D8.4	Peer-reviewed article	H. Scharfa, F. Arnold and D. Lencz, “Future natural gas consumption in the context of decarbonization - A meta-analysis of scenarios modeling the German energy system,” <i>Energy Strategy Reviews</i> , vol. 33, 2021.	H. Scharfa et al.	2021
D8.4	Peer-reviewed article	G. Bahr, D. Narita and W. Rickels, “Recent Developments in European Support Systems for Renewable Power,” <i>Kiel Policy Brief</i> , no. 53, 2012.	G. Bahr et al.	2012
D8.4	Peer-reviewed article	M. Ragwitz, P. d. R�o Gonz�alez and G. Resch, “Assessing the advantages and drawbacks of government trading guarantees of origin for renewable electricity in Europe,” <i>Energy Policy</i> , no. 37, pp. 300-307, 2009.	M. Ragwitz et al.	2009

D8.4	Peer-reviewed article	M. Tanaka, “Market power in renewable portfolio standards,” Energy Economics, no. 39, pp. 187-196, 2013.	M. Tanaka et al.	2013
Other	Research paper	Hydrogen Roadmap Europe	FCH2 JU	2019
Other	Research paper	The Future of Hydrogen: Seizing today's opportunities	IEA	2019
Other	Research paper	Energy Technology Perspectives 2020: Special Report on Carbon Capture Utilisation and Storage	IEA	2020
Other	Research paper	Powering a climate-neutral economy: An EU Strategy for Energy System Integration	European Commission	2020
Other	Research paper	The European Green Deal	European Commission	2019
Other	Research paper	What is Hydrogen Embrittlement? - Causes, effects and prevention	TWI	2021
Other	Research paper	Een Vlaamse waterstofstrategie: 2025 – 2030	Waterstof Industrie Cluster	2020
Other	Research paper	Study on Opportunities arising from the inclusion of Hydrogen Energy Technologies in the National Energy & Climate Plans	FCH 2 JU	2020
Other	Research paper	Boletín oficial del estado núm. 238	Ministerio de Industria, Turismo y Comercio	2011
Other	Research paper	Regeling gaskwaliteit	Minister van Economische	2014
Other	Research paper	Hydrogen blending with Natural Gas on Ameland	Kiwa	2012
Other	Research paper	Hydrogen Research Projects	DVGW	2020
Other	Research paper	A hydrogen strategy for a climate-neutral Europe	European Commission	2020
Other	Research paper	National Climate Agreement – The Netherlands	Dutch Government	2019

Other	Research paper	Kamerbrief voortgang beleidsagenda kabinetsvisie waterstof	EZK	2020
Other	Research paper	Kamerbrief Routekaart Groen Gas	EZK	2020
Other	Research paper	Position Papers kabinetsvisie Waterstof en Routekaart Groen Gas	EZK	2020
Other	Research paper	Contouren leveranciersverplichting hernieuwbare energie	EZK	2011
Other	Research paper	Setting a binding target for 11% renewable gas	Gas for Climate, Guidehouse	2021
Other	Research paper	Joint position paper for renewable and decarbonised EU gas targets	Eurogas & EBA	2020
Other	Research paper	The EU Hydrogen Strategy: Hydrogen Europe's top 10 key recommendations	Hydrogen Europe	2020
Other	Research paper	Cost-Effective Decarbonisation Study	FSR	2020
Other	Research paper	Waterstof: De ontbrekende schakel	Rli	2021
Other	Research paper	Een Waterstofbeurs voor het Klimaat	Den Ouden, B.	2020
Other	Research paper	Contouren en instrumenten voor een Routekaart Groengas 2020-2050	CE Delft	2018
Other	Research paper	Certification of Markets, Markets of Certificates: Tracing Sustainability in Global Agro-Food Value Chains	Mol & Oosterveer	2015
Other	Research paper	Rapportage duurzaamheid biomassa	Vertogas	2021
Other	Research paper	Technical report on the definition of CertifHy Green Hydrogen	CertifHy	2015
Other	Research paper	Definition of scope, main principles of the GO scheme as well as roles and tasks of the relevant actors	CertifHy	2016
Other	Research paper	CertifHy-SD Hydrogen Criteria	CertifHy	2019

Other	Research paper	A Proposal for a Regulatory Framework for Hydrogen Guarantees fo Origin	FSR	2020
Other	Research paper	Report on the acceptance and future acceptability of certificate-based green gases	STORE&GO	2018
D8.1	Research paper	Gasunie & TenneT, “Infrastructure outlook 2050: A joint study by Gasunie and TenneT on integrated energy infrastructure in the Netherlands and Germany,” Gasunie and TenneT, 2019.	Gasunie & TenneT	2019
D8.1	Research paper	TNO, “10 dingen die je moet weten over waterstof,” [Online].	TNO	2021
D8.1	Research paper	TKI Nieuw Gas, “Outlines of a Hydrogen Roadmap,” Topsector Energie, 2018.	TKI Nieuw Gas	2018
D8.1	Research paper	Berenschot & Kalavasta, “Uitrolpaden voor het waterstofsysteem van Nederland in 2050,” Berenschot & Kalavasta, 2020.	Berenschot & Kalavasta	2020
D8.1	Research paper	D. Peters, K. v. d. Leun, W. Terlouw, J. v. Tilburg, T. Berg, M. Schimmel, I. v. d. Hoorn, M. Buseman, M. Staats, M. Schenkel and G. U. R. Mir, “Gas Decarbonisation Pathways 2020-2050,” Guidehouse, Utrecht, 2020.	D. Peters	2020
D8.1	Research paper	FCH2 JU, “Hydrogen Roadmap Europe,” 2019.	FCH2 JU	2019
D8.1	Research paper	International Energy Agency, “The Future of Hydrogen: Seizing today's opportunities,” 2019.	International Energy Agency	2019
D8.1	Research paper	N. v. Hulst, “iea.org,” 23 April 2019. [Online]	N. v. Hulst	2019
D8.1	Research paper	International Energy Agency, “Energy Technology Perspectives 2020: Special Report on Carbon Capture Utilisation and Storage,” 2020.	International Energy Agency	2020
D8.1	Research paper	European Commission, “Powering a climate-neutral economy: An EU Strategy for Energy System Integration,” 2020.	European Commission	2020
D8.1	Research paper	Eurogas & EBA, “Proposal for binding 2030 EU-level targets to lower the greenhouse gas intensity of gas consumed in Europe and increase the demand for renewable gas,” Eurogas, Brussels, 2020.	Eurogas & EBA	2020
D8.1	Research paper	Kiwa, “De impact van het bijmengen van waterstof op het gasdistributienet en de gebruiksapparatuur,” 2020.	Kiwa	2020
D8.1	Research paper	F. Taminiau, “Hydrogen admixture in the Dutch gas grid,” TNO, Delft, 2017.	F. Taminiau	2017
D8.1	Research paper	L. Fu and H. Fang, “Formation Criterion of Hydrogen-Induced Cracking in Steel Based on Fracture Mechanics,” MDPI, 2018.	L. Fu and H. Fang	2018

D8.1	Research paper	H. Iskov, "Field test of hydrogen in the natural gas grid," 2010.	H. Iskov	2010
D8.1	Research paper	R. Hermkens, S. Jansma, M. v. d. Laan, H. d. Laat, B. Pilzer and K. Pulles, "Toekomstbestendige gasdistributienetten," Kiwa, 2018.	Kiwa	2018
D8.1	Research paper	C. San Marchi and B. P. Somerday, "Technical Reference for Hydrogen Compatibility of Materials," Sandia National Laboratories, Albuquerque, New Mexico, 2012.	Sandia National Laboratories	2012
D8.1	Research paper	DNV GL, "Verkenning waterstofinfrastructuur," 2017.	DNV GL	2017
D8.1	Research paper	M. Schimmel, D. Peters and K. v. d. Leun, "Setting a binding target for 11% renewable gas," Guidehouse, 2021.	M. Schimmel et al.	2021
D8.1	Research paper	J. P. van der Meer, R. Perotti and F. de Jong, "National Policy Paper - Netherlands," HyLAW, 2020.	HyLAW	2020
D8.1	Research paper	K. Altfeld and D. Pinchbeck, "Admissible hydrogen concentrations in natural gas systems," DIV Deutscher Industrieverlag GmbH, 2013.	DIV Deutscher Industrieverlag GmbH	2013
D8.1	Research paper	Committee on Climate Change, "Hydrogen in a low-carbon economy," 2018.	Committee on Climate Change	2018
D8.1	Research paper	Trinomics, LBST, "Study on Opportunities arising from the inclusion of Hydrogen Energy Technologies in the National Energy & Climate Plans," FCH 2 JU, Rotterdam, 2020.	Trinomics	2020
D8.1	Research paper	M. Mulder, P. Perey and J. L. Moraga, "Outlook for a Dutch hydrogen market: economic conditions and scenarios," Groningen, 2019.	M. Mulder et al.	2019
D8.1	Research paper	E. Wiebes, "Voortgang beleidsagenda kabinetsvisie waterstof," EZK, Den Haag, 2020`.	EZK	2020
D8.1	Research paper	Waterstof Industrie Cluster, "Een Vlaamse waterstofstrategie: 2025 – 2030," 2020.	Waterstof Industrie Cluster	2020
D8.1	Research paper	DVGW, "Hydrogen and the Energy Transition," [Online]	DVGW	2021
D8.1	Research paper	FCH 2 JU, "Study on Opportunities arising from the inclusion of Hydrogen Energy Technologies in the National Energy & Climate Plans," Trinomics, 2020.	Trinomics	2020
D8.1	Research paper	Kiwa, Management Summary "Hydrogen blending with Natural Gas on Ameland", 2012.	Kiwa	2012
D8.1	Research paper	Engie, "The GRHYD demonstration project,"	Engie	2021

D8.1	Research paper	DVGW, Hydrogen Research Projects, DVGW Deutscher Verein des Gas- und Wasserfachs e. V., 2020.	DVGW	2020
D8.1	Research paper	European Commission, “A hydrogen strategy for a climate-neutral Europe,” European Commission, Brussels, 2020.	European Commission	2020
D8.1	Research paper	ePure, “2021 National biofuel policies,” ePure, Brussels, 2021.	ePure	2021
D8.1	Research paper	Gas for Climate, “Setting a binding target for 11% renewable gas,” Guidehouse, Utrecht, 2021.	Gas for Climate	2021
D8.1	Research paper	Raad voor de leefomgeving en infrastructuur, “Waterstof: de ontbrekende schakel,” Raad voor de leefomgeving en infrastructuur, Den Haag, 2021.	Raad voor de leefomgeving en infrastructuur	2021
D8.1	Research paper	Gas for Climate, “Gas decarbonisation pathways 2020-2050,” Guidehouse, Utrecht, 2020.	Gas for Climate	2020
D8.1	Research paper	Gas for Climate, “Market share and trends in renewable and low-carbon gases in Europe,” Gas for Climate, 2020.	Gas for Climate	2020
D8.1	Research paper	E. Wiebes, “Kamerbrief Routekaart Groen Gas,” EZK, Den Haag, 2020.	EZK	2020
D8.1	Research paper	M. Verhagen, “Kamerbrief: Contouren leveranciersverplichting voor hernieuwbare energie,” Tweede Kamer der Staten-Generaal, The Hague, 2012.	M. Verhagen	2012
D8.1	Research paper	B. d. Ouden, “Een waterstofbeurs voor het klimaat,” Ministerie van EZK, 2020.	EZK	2020
D8.1	Research paper	J. Moraga González, M. Mulder and P. Perey, “Future markets for renewable gases and hydrogen: what would be the optimal regulatory provisions?,” CERRE, Groningen, 2019.	CERRE	2019
D8.1	Research paper	COAG Energy Council, “Australia's national hydrogen strategy,” Commonwealth of Australia, 2019.	COAG Energy Council	2019
D8.1	Research paper	FSR Energy & Climate, “Cost-effective decarbonisation study,” European University Institute, San Domenico di Fiesole, 2020.	FSR Energy & Climate	2020
D8.1	Research paper	C. Jepma, C. v. Leeuwen and D. Hulshof, “Innovative large-scale energy storage technologies and power-to-gas concepts after optimisation: exploring the future for green gases,” STORE&GO, 2017.	STORE&GO	2017
D8.1	Research paper	Navigant, “The optimal role for gas in a net-zero emissions energy system,” Gas for Climate, 2019.	Navigant	2019

D8.1	Research paper	M. v. Stiphout, “Gas quality standards in the European Union: the need to develop European gas quality standards to achieve market integration and a competitive gas appliance market,” European Commission, 2015.	M. v. Stiphout	2015
D8.1	Research paper	D. Hulshof, C. Jepma and M. Mulder, “Innovative large-scale energy storage technologies and power-to-gas concepts after optimisation: report on the acceptance and future acceptability of certificate-based green gases,” STORE&GO, 2019.	STORE&GO	2019
D8.1	Research paper	Vertogas, “Handleiding assurancerapportage biomassa,” Vertogas B.V., Groningen, 2021.	Vertogas	2021
D8.1	Research paper	Vertogas, “Rapportage duurzaamheid biomassa,” Vertogas B.V., Groningen, 2021.	Vertogas	2021
D8.1	Research paper	CertifHy, “Technical Report on the Definition of 'CertifHy Green' Hydrogen,” CertifHy, 2015.	CertifHy	2015
D8.1	Research paper	CertifHy, “Definition of scope, main principles of the GO scheme as well as roles and tasks of the relevant actors,” CertifHy, 2016.	CertifHy	2016
D8.1	Research paper	CertifHy, “CertifHy-SD Hydrogen Criteria,” CertifHy, 2019.	CertifHy	2019
D8.1	Research paper	E. Wiebes, “Routekaart Groen Gas,” EZK, Den Haag, 2020.	EZK	2020
D8.1	Research paper	E. Wiebes, “Kabinetsvisie waterstof,” EZK, Den Haag, 2020.	EZK	2020
D8.1	Research paper	Hydrogen Europe, “Response to Roadmap Feedback: EU renewable energy rules,” Hydrogen Europe, Brussels, 2020.	Hydrogen Europe	2020
D8.1	Research paper	J. Morgia González, M. Mulder and P. Perey, “Future markets for renewable gases and hydrogen: what would be the optimal regulatory provisions?,” CERRE, Groningen, 2019.	CERRE	2019
D8.1	Research paper	ECN, “Samenvatting kosten-batenanalyse van alternatieve stimuleringsystemen voor hernieuwbare elektriciteit,” ECN, 2011.	ECN	2011
D8.1	Research paper	CertifHy, “Taking CertifHy to the next level - Roadmap for building a dual hydrogen certification infrastructure for Guarantees of Origin and for Certification of renewable hydrogen in transport,” CertifHy, 2019.	CertifHy	2019
D8.1	Research paper	CertifHy, “CertifHy Scheme,” CertifHy, 2019.	CertifHy	2019
D8.1	Research paper	NEA, “Inboeken gasvormige biobrandstoffen,” [Online]	NEA	2021

D8.1	Research paper	NEA, “Overzicht HBE-soorten voor NTA8003-codes,” 16 december 2019. [Online]	NEA	2019
D8.1	Research paper	FSR Energy & Climate, “A Proposal for a Regulatory Framework for Hydrogen Guarantees fo Origin,” European University Institute, Florence, 2020.	European University Institute	2020
D8.1	Research paper	M. Aalto, “Call for economic sustainability - European renewable energy support schemes and the market,” Aalto University, Helsinki, 2014.	Aalto University	2014
D8.1	Research paper	D. Hulshof, C. Jepma and M. Mulder, “Performance of markets for European renewable energy certificates,” Energy Policy, no. 128, pp. 697-710, 2019.	D. Hulshof et al.	2019
D8.1	Research paper	L. Brasington, “Corporate Renewable Energy Procurement: Tracability and Energy Provenance,” Cleantech Group, 22 april 2020	Cleantech	2020
D8.1	Research paper	European Commission, “The European Green Deal,” European Commission, Brussel, 2019.	European Commission	2019
D8.1	Research paper	Hydrogen Europe, “Inception Impact Assessment Response on the European Gas Directive revision,” Hydrogen Europe, 2021.	Hydrogen Europe	2021
D8.1	Research paper	FSR, “Gas Directive revision: Feedback from Florence School of Regulation,” European Commission, 2021.	FSR	2021
D8.1	Research paper	European Commission, “Climate change - updating the EU emissions trading system (ETS),” European Commission, 26 november 2020. [Online]	European Commission	2020
D8.1	Research paper	European Commission, “Revision of the EU Emission Trading System Directive 2003/87/EC concerning aviation,” European Commission, 2020.	European Commission	2020
D8.1	Research paper	European Commission, “Revision of the Guidelines on certain aid measures in the context of the greenhouse gas emission allowance trading system post-2020,” European Commission, 2020.	European Commission	2020
D8.1	Research paper	European Commission, “Guidelines on State aid for environmental protection and energy,” European Commission, Brussel, 2014.	European Commission	2014
D8.1	Research paper	H2Platform, “Reactie H2Platform op internetconsultatie voor de wijziging van het Besluit energie vervoer,” H2Platform, Den Haag, 2021.	H2Platform	2021
D8.1	Research paper	RVO, “Stimulering duurzame energieproductie en klimaattransitie (SDE++),” RVO, 16 march 2021. [Online]	RVO	2021
D8.1	Research paper	RVO, “CO2-arme productie SDE++,” RVO, 17 december 2020. [Online]	RVO	2021
D8.1	Research paper	RVO, “Biomasse SDE++,” RVO, 17 december 2020. [Online]	RVO	2021

D8.1	Research paper	FaStGO, “Technical support for RES policy development and implementation,” FaStGO, 2020.	FaStGO	2020
D8.1	Research paper	C. Leguit, K. Kruit, F. Rooijers and H. Warmenhoven, “Contouren en instrumenten voor een Routekaart Groengas 2020-2050,” CE Delft, Delft, 2018.	C. Leguit	2018
D8.1	Research paper	Hydrogen Europe, “Presentation of the Hydrogen Act,” Hydrogen Europe, 2021.	Hydrogen Europe	2021
D8.1	Research paper	IRENA, “Green Hydrogen: A guide to policy making,” International Renewable Energy Agency, Abu Dhabi, 2020.	IRENA	2020
D8.1	Research paper	CertifHy, “Review of past and existing GoO systems,” CertifHy, 2015.	CertifHy	2015
D8.1	Research paper	C. Oirschot, “Weer verdenking fraude bij biodieselproducent Kampen, peperdure Porsches in beslag genomen,” De Stendor, 4 november 2020.	C. Oirschot	2020
D8.1	Research paper	C. Naschert, “EU waste biodiesel: Checks and balances,” Argusmedia, 5 august 2019.	C. Naschert	2019
D8.2	Research paper	EZK, “Klimaatakkoord,” Rijksoverheid, Den Haag, 2019.	EZK	2019
D8.2	Research paper	L. Wielders, S. d. Bruyn, M. Blom and A. Coenradij, “Inkoop groene stroom,” CE Delft, Delft, 2020.	CE Delft	2020
D8.2	Research paper	D. Hulshof, C. Jepma and M. Mulder, “Design of renewable gas certificate markets: Lessons from European GOs,” STORE&GO, 2018.	STORE&GO	2018
D8.2	Research paper	IPCC, “Guidelines for National Greenhouse Gas Inventories,” Institute for Global Environmental Strategies, 2006.	IPCC	2006
D8.2	Research paper	Platform Groen Gas, “Vol gas vooruit! De rol van groen gas in de Nederlandse energiehuishouding,” Werkgroep Groen Gas, 2008.	Werkgroep Groen Gas	2008
D8.2	Research paper	Gas for Climate, “Market state and trends in renewable and low-carbon gases in Europe,” Gas for Climate, Utrecht, 2020.	Gas for Climate	2020
D8.2	Research paper	H. Kamp and J. Vos, “Kamervraag 2016Z17220 Het importeren van groen gas,” Tweede Kamer, Den Haag, 2016.	Tweede Kamer	2016
D8.2	Research paper	DENA, “Branchenbarometer Biomethan 2020,” DENA, 2020.	DENA	2020
D8.2	Research paper	Berenschot, “Strategische hubs voor de opschaling van groen gas in Nederland,” Berenschot, 2018.	Berenschot	2018

D8.2	Research paper	C. Jepma, C. v. Leeuwen and D. Hulshof, “Innovative large-scale energy storage technologies and power-to-gas concepts after optimisation: exploring the future for green gases,” STORE&GO, 2017.	STORE&GO	2017
D8.2	Research paper	E. Wiebes, “Routekaart Groen Gas,” EZK, Den Haag, 2020.	EZK	2020
D8.2	Research paper	PBL, “Klimaat- en Energieverkenning 2020,” PBL, The Hague, 2020.	PBL	2020
D8.2	Research paper	Vertogas, “Tarievensysteem 2021,” Vertogas, 2021.	Vertogas	2021
D8.2	Research paper	Vertogas, “Voorbeeld Garantie van Oorsprong (GvO),” Vertogas, 2021.	Vertogas	2021
D8.2	Research paper	Vertogas, “Better Biomass interpretatiedocument N 4,” Vertogas, 2019.	Vertogas	2019
D8.2	Research paper	D. Corbey and B. v. Asselt, “Routekaart Nationale Grondstoffen. Naar een groter aanbod en betere benutting,” Klimaat Akkoord, 2020.	Klimaat Akkoord	2020
D8.2	Research paper	Dutch Emissions Authority, “Renewable energy units,” 2018.	Dutch Emissions Authority	2018
D8.2	Research paper	Dutch Emissions Authority, “Obligations under Renewable Energy for Transport,” 2018.	Dutch Emissions Authority	2018
D8.2	Research paper	CMS, “Dutch Implementation of the Renewable Energy Directive for Biofuels,” 2011.	CMS	2011
D8.2	Research paper	N. Pavlenko and S. Searle, “Assessing the potential advanced alternative fuel volumes in the Netherlands in 2030,” ICCT, 2020.	ICCT	2020
D8.2	Research paper	BIO4A, “Report on market dynamics,” 2019.	BIO4A	2019
D8.2	Research paper	NVE, “The Swedish-Norwegian Electricity Certificate Market: annual report 2019,” NVE, Swedish Energy Agency, 2020.	Swedish Energy Agency	2020
D8.2	Research paper	Swedish Energy Agency, “The Swedish-Norwegian Electricity Certificate Market - Annual report 2012,” 2013.	Swedish Energy Agency	2013
D8.2	Research paper	NVE, “The Norwegian-Swedish Electricity Certificate Market,” NVE, Energimyndigheten, 2016.	Energimyndigheten	2016
D8.2	Research paper	Swedish Energy Agency, “Energy in Sweden 2019,” Swedish Energy Agency, Eskilstuna, 2019.	Swedish Energy Agency	2019

D8.2	Research paper	Energy Facts Norway, “Energy Facts Norway: production,” Norwegian Ministry of Petroleum and Energy, [Online]	Norwegian Ministry of Petroleum and Energy	2021
D8.2	Research paper	Energy Facts Norway, “Energy Facts Norway: The power market,” Norwegian Ministry of Petroleum and Energy, [Online]	Norwegian Ministry of Petroleum and Energy	2021
D8.2	Research paper	S. v. Veldhoven, “Beantwoording SO Besluit energie vervoer 2021,” Tweede Kamer, Den Haag, 2020.	Tweede Kamer	2020
D8.2	Research paper	S. Lensink and K. Schoots, “Eindadvies basisbedragen SDE++ 2021,” PBL, Planbureau voor de Leefomgeving, Den Haag, 2021.	PBL	2021
D8.2	Research paper	EBN, “Energie in Nederland: Infographic 2019,” EBN, 2019.	EBN	2019
D8.2	Research paper	Dutch Government, “Climate Agreement,” Dutch Government, The Hague, 2019.	Dutch Government	2019
D8.2	Research paper	J. Moraga González, M. Mulder and P. Perey, “Future markets for renewable gases and hydrogen: what would be the optimal regulatory provisions?,” CERRE - Centre on Regulation in Europe., 2019.	CERRE	2019
D8.3	Research paper	Ministry of Economic Affairs and Climate Policy, “Government Strategy on Hydrogen,” 06 04 2020. [Online]	Ministry of Economic Affairs and Climate Policy	2020
D8.3	Research paper	R. v. Zoelen, J. Bonetto and C. Jepma, “D8.2 Assessment Admixing Schemes,” HyDelta, 2021.	HyDelta	2021
D8.3	Research paper	Voortgangsoverleg Klimaatakkoord, “National Climate Agreement - The Netherlands,” The Hague, 2019.	Voortgangsoverleg Klimaatakkoord	2019
D8.3	Research paper	R. v. Zoelen, J. Bonetto and C. Jepma, “D8.1 Admixing literature review,” HyDelta, 2021.	HyDelta	2021
D8.3	Research paper	FCH2 JU, “Hydrogen Roadmap Europe,” 2019.	FCH2 JU	2019
D8.3	Research paper	D. Yeşilgöz-Zegerius, “Beantwoording motie ontwikkeling kader demonstratieprojecten,” Dutch Government, Den Hague, 2021.	Dutch Government	2021

D8.3	Research paper	Nationaal Waterstofprogramma, “Waterstof in de Gebouwde Omgeving (WIGO),” Nationaal Waterstofprogramma, 2021.	Nationaal Waterstofprogramma	2021
D8.3	Research paper	E. Wiebes, “Voortgang beleidsagenda kabinetsvisie waterstof,” Dutch Government, Den Hague, 2020.	Dutch Government	2020
D8.3	Research paper	Minister van Economische, Regeling gaskwaliteit, 2014.	Minister van Economische	2014
D8.3	Research paper	Kiwa, “De impact van het bijmengen van waterstof op het gasdistributienet en de gebruiksapparatuur,” 2020.	Kiwa	2020
D8.3	Research paper	DNV-GL, “Filling the data gap: an update of the 2019 hydrogen supply in the Netherlands,” 26 November 2019. [Online]	DNV-GL	2019
D8.3	Research paper	TNO, “The Dutch hydrogen balance, and the current and future representation of hydrogen in the energy statistics,” Amsterdam, 2020.	TNO	2020
D8.3	Research paper	Ministry of Infrastructure and Water, “Internetconsultation revision regulations for Energy for Transportation 2022-2030 based on REDII,” 07 09 2021. [Online]	Ministry of Infrastructure and Water	2021
D8.3	Research paper	D. Yesilgöz-Zegerius, “Stimulation of Renewable Hydrogen in the fuel blending obligation in the period of 2023-2024,” Dutch Government, The Hague, 2021.	Dutch Government	2021
D8.3	Research paper	FME, Ekinetix, Stratelligence, “Waterstof: kansen voor de Nederlandse industrie,” 2019.	FME, Ekinetix, Stratelligence	2019
D8.3	Research paper	TNO, “Hydrogen for a sustainable energy supply,” TNO, [Online]	TNO	
D8.3	Research paper	Dutch Ministry for Infrastructure and Water, “Update implementation of RED2,” 06 2021. [Online]	Dutch Ministry for Infrastructure and Water	2021
D8.4	Research paper	European Commission, “Proposal for an amending Directive (EU) 2018/2001,” European Commission, Brussels, 2021.	European Commission	2021
D8.4	Research paper	European Commission, “Proposal for a regulation of the European Parliament and the Council on ensuring a level of playing field for sustainable air transport,” European Commission, Brussels, 2021.	European Commission	2021
D8.4	Research paper	R. v. Zoelen, J. Bonetto and C. Jepma, “D8.1 Admixing Literature review,” HyDelta, 2021`.	HyDelta	2021

D8.4	Research paper	R. v. Zoelen, J. Bonetto and C. Jepma, “D8.2 Assessment Admixing Schemes,” HyDelta, 2021.	HyDelta	2021
D8.4	Research paper	R. v. Zoelen, J. Bonetto and C. Jepma, “D8.3 Pilots for introducing hydrogen blending quota,” HyDelta, 2022.	HyDelta	2022
D8.4	Research paper	Ecofys, “Design features of support schemes,” Ecofys, 2014.	Ecofys	2014
D8.4	Research paper	PWEA, “Oversupply of green certificates,” 2017.	PWEA	2017
D8.4	Research paper	Sandbag, “Drifting Towards Disaster? The ETS adrift in Europe’s climate efforts. Sandbag’s 5th annual report on the Environmental Outlook for the EU ETS,” 2013.	Sandbag	2013
D8.4	Research paper	G. Bel and S. Joseph, “Certificate Oversupply in the European Union Emission Trading System and its Impact on Technological Change,” IREA, 2015.	IREA	2015
D8.4	Research paper	European Commission, “Directive of the European Parliament and of the Council on common rules for the internal markets in renewable and natural gases and in hydrogen,” European Commission, Brussels, 2021.	European Commission	2021
D8.4	Research paper	Gas for Climate, “Market state and trends in renewable and low-carbon gases in Europe,” Gas for Climate, Utrecht, 2020.	Gas for Climate	2020
D8.4	Research paper	Gas for Climate, “Setting a binding target for 11% renewable gas,” Guidehouse, Utrecht, 2021.	Gas for Climate	2021
D8.4	Research paper	A. Piebalgs and C. Jones, “A Proposal for a Regulatory Framework for Hydrogen Guarantees of Origin,” Florence School of Regulation, 2020.	A. Piebalgs and C. Jones	2020
D8.4	Research paper	M. Verhagen, “Stimuleren duurzame energieproductie,” Dutch Government, The Hague, 2012.	M. Verhagen	2012
D8.4	Research paper	Y. Wang, “Renewable electricity in Sweden: an analysis of policy and regulations,” Energy Policy, no. 34, pp. 1209-1220, 2006.	Y. Wang	2006
D8.4	Research paper	CertifHy, “Certification schemes: GO labels,” CertifHy, 2021. [Online]	CertifHy	2021
D8.4	Research paper	M. Aalto, “Call for economic sustainability - European renewable energy support schemes and the market,” Aalto University, Helsinki, 2014.	Aalto University	2014
D8.4	Research paper	C. Leguit, K. Kruit, F. Rooijers and H. Warmenhoven, “Contouren en instrumenten voor een Routekaart Groengas 2020-2050,” CE Delft, Delft, 2018.	C. Leguit et al.	2018
D8.4	Research paper	European Comission, “A European Green Deal,” 2019. [Online]	European Comission	2019

D8.4	Research paper	European Comission, “A hydrogen strategy for a climate-neutral Europe,” 08 July 2020. [Online]	European Comission Eu 0. [Online]. Available: https://eur-lex.europa.eu/legal-content .	2020
D8.4	Research paper	European Comission, “Hydrogen factsheet - THE ROLE OF HYDROGEN IN MEETING OUR 2030 CLIMATE AND ENERGY TARGETS,” 2021.	European Comission IN CLIMATE AND ENERGY.	2021
D8.4	Research paper	D. Schlund and M. Schönfish, “Analysing the Impact of a Renewable Hydrogen Quota on the European Electricity and Natural Gas Markets,” Institute of Energy Economics at the University of Cologne (EWI), Cologne, 2021.	D. Schlund and M. Schönfish	2021
D8.4	Research paper	FCH2 JU, “Hydrogen Roadmap Europe,” 2019.	FCH2 JU	2019
D8.4	Research paper	FME, Ekinetix, Stratelligence, “Waterstof: kansen voor de Nederlandse industrie,” 2019.	FME, Ekinetix, Stratelligence	2019
D8.4	Research paper	Ministry of Economic Affairs and Climate Policy, “Government Strategy on Hydrogen,” 06 04 2020. [Online]	Ministry of Economic Affairs and Climate Policy	2020
D8.4	Research paper	Voortgangsoverleg Klimaatakkoord, “National Climate Agreement - The Netherlands,” The Hague, 2019.	Voortgangsoverleg Klimaatakkoord	2019
D8.4	Research paper	D. Yeşilgöz-Zegerius, “Beantwoording motie ontwikkeling kader demonstratieprojecten,” Dutch Government, Den Hague, 2021.	Dutch Government	2021
D8.4	Research paper	Nationaal Waterstofprogramma, “Waterstof in de Gebouwde Omgeving (WIGO),” Nationaal Waterstofprogramma, 2021.	Nationaal Waterstofprogramma	2021
D8.4	Research paper	E. Wiebes, “Voortgang beleidsagenda kabinetsvisie waterstof,” Dutch Government, Den Hague, 2020.	Dutch Government	2020

D8.4	Research paper	Minister van Economische, Regeling gaskwaliteit, 2014.	Regeling gaskwaliteit	2014
D8.4	Research paper	Kiwa, “De impact van het bijmengen van waterstof op het gasdistributienet en de gebruiksapparatuur,” 2020.	Kiwa	2020
D8.4	Research paper	G. Maisonnier, J. Perrin, R. Steinberger-Wilckens, and S. C. Trümper, ““European Hydrogen Infrastructure Atlas” and “Industrial Excess Hydrogen Analysis” PART II: Industrial surplus hydrogen and markets and production,” Roads2HyCom, 2007.	G. Maisonnier et al.	2007
D8.4	Research paper	DNV-GL, “Filling the data gap: an update of the 2019 hydrogen supply in the Netherlands,” 26 November 2019. [Online]. Available: https://www.dnv.nl/news/filling-the-data-gap-an-update-of-the-2019-hydrogen-supply-in-the-netherlands-162721 .	DNV-GL	2019
D8.4	Research paper	TNO, “The Dutch hydrogen balance, and the current and future representation of hydrogen in the energy statistics,” Amsterdam, 2020.	TNO	2020
D8.4	Research paper	N. v. d. Linden, M. Uytterlinde, C. Vrolijk, L. Nilsson, J. Khan, K. Astrand, K. Ericsson and R. Wiser, “Review of international experience with renewable energy obligation support mechanisms,” ECN, 2005.	ECN	2005
D8.4	Research paper	C. d. Jong, “Renewable energy certificates,” The financials of renewable power and PPA contracts, October 2020.	C. d. Jong	2020
D8.5	Research paper	Trinomics, “Final Report Energy Subsidies,” European Commission, Brussels, 2020.	Trinomics	2020
D8.5	Research paper	R. v. Zoelen, J. Bonetto and C. Jepma, “D8.1 Admixing Literature review,” HyDelta, 2021`.	HyDelta	2021
D8.5	Research paper	R. v. Zoelen, J. Bonetto and C. Jepma, “D8.2 Assessment Admixing Schemes,” HyDelta, 2021.	HyDelta	2021
D8.5	Research paper	R. v. Zoelen, J. Bonetto and C. Jepma, “D8.3 Pilots for introducing hydrogen blending quota,” HyDelta, 2022.	HyDelta	2022
D8.5	Research paper	R. v. Zoelen, C. Jepma, J. Bonetto and A. Serna Tamez, “D8.4 Economic aspects of Mandatory Hydrogen Blending Quota Schemes,” HyDelta, 2022.	HyDelta	2022
D8.5	Research paper	European Commission, “Proposal for an amending Directive (EU) 2018/2001,” European Commission, Brussels, 2021.	European Commission	2021
D8.5	Research paper	European Commission, “Proposal for a regulation of the European Parliament and the Council on ensuring a level of playing field for sustainable air transport,” European Commission, Brussels, 2021.	European Commission	2021
D8.5	Research paper	European Commission, “Proposal for a regulation on the European parliament and of the council on the internal markets for renewable and natural gases and for hydrogen (recast),” European Commission, Brussels, 2021.	European Commission	2021

D8.5	Research paper	European Commission, “Directive EU (2018/2001) on the promotion of the use of energy from renewable sources,” European Commission, Brussels, 2018.	European Commission	2018
D8.5	Research paper	Dutch Government, “RED II Regeling energie vervoer kalenderjaren 2022-2030,” Ministerie van Infrastructuur en Waterstaat, 07 09 2021. [Online]. Available: https://www.internetconsultatie.nl/redii_regeling_energie_vervoer_kalenderjaren_2022_2030 . [Accessed 09 02 2022].	Dutch Government	2021
D8.5	Research paper	European Commission, “Guidelines on State aid for environmental protection and energy 2014-2020,” Official Journal of the European Union, 2014.	European Commission	2014
D8.1	web article	TWI, “What is Hydrogen Embrittlement? - Causes, effects and prevention,” [Online]	TWI	2021
D8.1	web article	A. Piebalgs and C. Jones, “Hydrogen regulation under time pressure,” 1 february 2021	A. Piebalgs and C. Jones	2021
D8.2	web article	CertiQ, “Statistisch jaaroverzicht CertiQ,” CertiQ, 2014-2020.	CertiQ	2021
D8.2	web article	Consumentenbond, “Niet alle groene stroom even groen,” 24 02` 2012 [Online]	Consumentenbond	2012
D8.2	web article	Trouw, “Aandeel groene stroom gelijk aan 9,5 miljoen huishoudens,” 17 01 2012 [Online]	Trouw	2012
D8.2	web article	Wise, “Wat is sjoemelstroom?,” 2019 [Online]	Wise	2019
D8.2	web article	CertiQ, “Risico op BTW carrouselfraude,” 09 07 2019 [Online]	CertiQ	2021
D8.2	web article	Next Kraftwerke, “Wat is een Power Purchase Agreement (PPA),” Next Kraftwerke, [Online]	Next Kraftwerke	2021
D8.2	web article	CBS, “Hernieuwbare energie in Nederland 2019,” CBS, The Hague, 2020.	CBS	2020
D8.2	web article	CBS, “Hernieuwbare elektriciteit, 1990-2019,” 08 09 2020 [Online]	CBS	2020
D8.2	web article	CertiQ, “Tarieven,” CertiQ, 2021 [Online]	CertiQ	2021
D8.2	web article	Belastingdienst, “Tabellen tarieven milieubelastingen,” Belastingdienst, 2021 [Online]	Belastingdienst	2021

D8.2	web article	Vertogas, “Wat doet Vertogas?,” Vertogas, [Online]	Vertogas	2019
D8.2	web article	Euractiv, “Calls grow for EU-wide certificates to boost market for 'green gas',” Euractiv, 03 10 2019 [Online]	Euractiv	2019
D8.2	web article	Vertogas, “Wettelijke status voor Vertogas,” 15 September 2011 [Online]	Vertogas	2011
D8.2	web article	Vertogas, “Wettelijke basis voor Vertogas-certificeringssysteem,” 4 February 2015 [Online]	Vertogas	2015
D8.2	web article	Vertogas, “Vertogas één jaar, Gorengas certificeringsinstantie is er klaar voor!,” 5 July 2010 [Online]	Vertogas	2010
D8.2	web article	Vertogas, “Newsletter July 2019,” 1 August 2019 [Online]	Vertogas	2019
D8.2	web article	Vertogas, “Biogas gaat de grens over,” 13 December 2010 [Online]	Vertogas	2010
D8.2	web article	Vertogas, “Subsidie duurzame energie,” Vertogas [Online]	Vertogas	2021
D8.2	web article	NEA, “Overzicht HBE-soorten voor NTA8003-codes,” NEA, 2019 [Online]	NEA	2019
D8.2	web article	N. Buli, “Sweden, Norway seal end of joint green subsidy scheme in 2035,” Reuters, 18 09 2020 [Online]	Reuters	2021
D8.2	web article	C. v. Oirschot, “Weer verdenking fraude bij biodieselproducent Kampen, peperdure Porsches in beslag genomen,” De Stendor, 04 11 2020 [Online]	De Stendor	2020
D8.3	web article	Essent, “Opbouw gasprijs,” [Online]	Essent	2021
D8.4	web article	TNO, “Hydrogen for a sustainable energy supply,” TNO, [Online]	TNO	2021
D8.1	web page	J. McLoone, “fluidflowinfo.com,” 16 April 2019 [Online]	J. McLoone	2019
D8.2	white paper	NBNL, “Advies: 'creëren voldoende invoedruimte voor groen gas',” Netbeheer Nederland, 2018.	NBNL	2018
D8.3	white paper	Netbeheer Nederland, “Waterstof,” Netbeheer Nederland, [Online]	NBNL	2021