

LAP Information Sheet

Country	Select a country!
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Hydrogen Application	
Category	Transport and distribution of hydrogen
Application	Road transport; Cylinders and tube trailers Bulk Gas / Metal Hydride / Bulk Liquid
↳ Definition:	The transport of hydrogen in conventional gas tank, metallic cylinders and composite vessels on the road.

Description: LAP		
LAP	LAP 1: road planning	
↳ Definition	Provide the municipalities with a clear understanding of the maximum risks that the transport of hazardous substances may cause. Baseline goals are: Transport hazardous substances between major industrial sites and abroad, including in the future, keeping risks for locals along the routes within legal limits, provide clarity to municipalities about what may / may not be built.	
	GUIDANCE COLUMN	ANSWER COLUMN <i>(answer in fields below)</i>
Type of LAP	<p>[Select the applicable aspect(s) related to the legal administrative process]</p> <p>Can probably be done centrally (could be the same in all countries) depending on if there is a European LAP</p> <p>Definitions: <i>Substantial Requirement:</i> Substantial legal-administrative requirement based on a particular characteristic of the FCH application: type approval, quality requirements etc.</p> <p><i>Process (for the deployment of fuel cell hydrogen):</i> One of the necessary functional procedures necessary to deploy a FCH technology such as permitting license, permission for grid connection. A process is described by a sequence of process steps (which may either be of administrative or non-administrative nature) e.g. with the permitting process. The process usually can be quantified in time and costs Process steps: a step is one of sequential succession of actions that need to be executed, in order to satisfy the legal administrative and other requirements of the process.</p>	<input type="checkbox"/> Substantial requirement <input type="checkbox"/> Process <input type="checkbox"/> Other: ↳ Click here to enter free text.
LAP description (questions)	Question 1 Does hydrogen have to follow specific requirements when transported? (e.g. specific types of roads, specific route)	Click here to enter free text.
	Question 2 Are the regulations differing from the transport of other types of gas?	Click here to enter free text.

	Question 3 Which authorities are competent to allocate the routes? (and at what level: national, local?)	Click here to enter free text.
	Describe the comparable technology and its relevance with regard to hydrogen	Click here to enter free text.

Assessment: LAP	<i>This will be done mainly after the finalization of WP4, which is the analysis of the data, but it is useful to collect this information. Please indicate the assessment where possible.</i>	
	GUIDANCE COLUMN	ANSWER COLUMN <i>(answer in fields below)</i>
	Description of the impact of the LAP	Click here to enter free text.
	Is it a barrier?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Neutral <input type="checkbox"/> Beneficial

	<p>Type of barrier?</p> <p>Description:</p> <p>Structural barrier: The barrier is created by a non-adapted regulation which prevents or seriously hinders the deployment of the FC or H2 application. The removal of this barriers requires a change of regulation. Solutions to structural barriers might take a long time before being implemented (the higher the level of the rule in the hierarchy of norm, the more difficult it is to adapt it.</p> <p>The operational barrier: An operational barrier can be resolved in the execution. The legislation does not need to be adjusted accordingly, but rather only to be implemented by industry, local authorities and executive organizations involved for licensing, grants, monitoring or other procedures.</p> <p>Economic barrier: An economic barrier is linked to associated costs that are too high to allow any market entry</p> <p>Regulatory gap: A regulatory gap is the absence of specific regulations on a topic, which creates uncertainty about the applicable regulation since it is not harmonized and aligned. This may lead to the implementation of diverse rules according to the various interpretations of national legal authorities, (and may have an impact on the time, costs etc.)</p>	<input type="checkbox"/> Structural barriers <input type="checkbox"/> Operational barriers <input type="checkbox"/> Economic barriers <input type="checkbox"/> Regulatory gap
	<p>Severity (1 is lowest severity, 10 is highest)</p>	<p>Enter value ranging from 1-10</p>
	<p>Implication of barrier (free text) ↳ (e.g. time, cost, duration)</p>	<p>Click here to enter free text.</p>

European / International Level		
	GUIDANCE COLUMN	ANSWER COLUMN <i>(answer in fields below)</i>
	Add the applicable European legislative / administrative process	
└ Reference 1	Applicable legislation / administrative document [Fill in document title]	Directive 2008/68/EC of the European Parliament and of the Council of 24 September 2008 on the inland transport of dangerous goods.
	Source / link	http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32008L0068
	Category	<input type="checkbox"/> (International) Agreement <input checked="" type="checkbox"/> Directives <input type="checkbox"/> Regulation <input type="checkbox"/> Standards <input type="checkbox"/> Best Available Techniques <input type="checkbox"/> Decrees <input type="checkbox"/> Acts
	Scope of the relevant part(s)	Click here to enter free text.
└ Reference 2	Applicable legislation / administrative document [Fill in document title]	ADR European Agreement concerning the international carriage of dangerous goods by roads.
	Source / link	https://shop.un.org/series/european-agreement-concerning-international-carriage-dangerous-goods-road-adr
	Category	<input checked="" type="checkbox"/> (International) Agreement <input type="checkbox"/> Directives <input type="checkbox"/> Regulation <input type="checkbox"/> Standards <input type="checkbox"/> Best Available Techniques <input type="checkbox"/> Decrees <input type="checkbox"/> Acts
	Scope of the relevant part(s)	Click here to enter free text.

L Reference 3	Applicable legislation / administrative document [Fill in document title]	Safety data Sheet SDS Eiga067A
	Source / link	http://www.airflow.fr/wp-content/uploads/2014/02/FR.FDS_.15-Fiche-de-donnees-de-securite-Hydrogene.pdf
	Category	<input checked="" type="checkbox"/> (International) Agreement <input type="checkbox"/> Directives <input type="checkbox"/> Regulation <input type="checkbox"/> Standards <input type="checkbox"/> Best Available Techniques <input type="checkbox"/> Decrees <input type="checkbox"/> Acts
	Scope of the relevant part(s)	Point 14 Transport informations
L Reference 4	Applicable legislation / administrative document [Fill in document title]	Click here to enter free text.
	Source / link	Click here to enter free text.
	Category	<input type="checkbox"/> (International) Agreement <input type="checkbox"/> Directives <input type="checkbox"/> Regulation <input type="checkbox"/> Standards <input type="checkbox"/> Best Available Techniques <input type="checkbox"/> Decrees <input type="checkbox"/> Acts
	Scope of the relevant part(s)	Click here to enter free text.
L Reference 5	Applicable legislation / administrative document [Fill in document title]	Click here to enter free text.
	Source / link	Click here to enter free text.
	Category	<input type="checkbox"/> (International) Agreement <input type="checkbox"/> Directives <input type="checkbox"/> Regulation <input type="checkbox"/> Standards <input type="checkbox"/> Best Available Techniques <input type="checkbox"/> Decrees <input type="checkbox"/> Acts
	Scope of the relevant part(s)	

	Scope of the relevant part(s)	Click here to enter free text.
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National Level	GUIDANCE COLUMN	ANSWER COLUMN <i>(answer in fields below)</i>
	Add the applicable national legislative / administrative process	
↳ Reference 1	Applicable legislation / administrative document [Fill in document title]	Wet vervoer gevaarlijke stoffen
	Source / link	http://wetten.overheid.nl/BWBR0007606/2015-04-01
	Relation / link with European legislation / regulation	Click here to enter which EU legislation.
	-Category -Authority / administrator / publisher	<input checked="" type="checkbox"/> National Legislation (adopted by parliament) <input type="checkbox"/> National regulation (government) <input type="checkbox"/> Regional legislation (adopted by parliament) <input type="checkbox"/> Regional regulation (government) <input type="checkbox"/> Local / City text <input type="checkbox"/> Standard <input type="checkbox"/> Other (sectoral best practices, recommendations, etc.) ↳ Click here to enter free text. ↳ <input type="checkbox"/> Mandatory (decree) ↳ <input type="checkbox"/> Voluntary <input type="checkbox"/> Other: ↳ Click here to enter free text.
	Scope of the relevant part(s)	Click here to enter free text.
↳ Reference 2	Applicable legislation / administrative document [Fill in document title]	Regeling vervoer over land van gevaarlijke stoffen
	Source / link	http://wetten.overheid.nl/BWBR0010054/2017-08-01
	Relation / link with European legislation / regulation	Click here to enter which EU legislation.
	-Category -Authority / administrator / publisher	<input type="checkbox"/> National Legislation (adopted by parliament) <input checked="" type="checkbox"/> National regulation (government) <input type="checkbox"/> Regional legislation (adopted by parliament) <input type="checkbox"/> Regional regulation (government)

		<input type="checkbox"/> Local / City text <input type="checkbox"/> Standard <input type="checkbox"/> Other (sectoral best practices, recommendations, etc.) ↳ Click here to enter free text. ↳ <input type="checkbox"/> Mandatory (decree) ↳ <input type="checkbox"/> Voluntary <input type="checkbox"/> Other: ↳ Click here to enter free text.
	Scope of the relevant part(s)	Click here to enter free text.
↳ Reference 3	Applicable legislation / administrative document [Fill in document title] Source / link	Regeling basisnet http://wetten.overheid.nl/BWBR0035000/2016-12-01
	Relation / link with European legislation / regulation -Category -Authority / administrator / publisher	Click here to enter which EU legislation. <input type="checkbox"/> National Legislation (adopted by parliament) <input checked="" type="checkbox"/> National regulation (government) <input type="checkbox"/> Regional legislation (adopted by parliament) <input type="checkbox"/> Regional regulation (government) <input type="checkbox"/> Local / City text <input type="checkbox"/> Standard <input type="checkbox"/> Other (sectoral best practices, recommendations, etc.) ↳ Click here to enter free text. ↳ <input type="checkbox"/> Mandatory (decree) ↳ <input type="checkbox"/> Voluntary <input type="checkbox"/> Other: ↳ Click here to enter free text.
	Scope of the relevant part(s)	Click here to enter free text.
	Applicable legislation / administrative document	Wet milieubeheer

L Reference 4	[Fill in document title] Source / link	http://wetten.overheid.nl/BWBR0003245/2017-08-30
	Relation / link with European legislation / regulation	Click here to enter which EU legislation.
	-Category -Authority / administrator / publisher	<input checked="" type="checkbox"/> National Legislation (adopted by parliament) <input type="checkbox"/> National regulation (government) <input type="checkbox"/> Regional legislation (adopted by parliament) <input type="checkbox"/> Regional regulation (government) <input type="checkbox"/> Local / City text <input type="checkbox"/> Standard <input type="checkbox"/> Other (sectoral best practices, recommendations, etc.) L Click here to enter free text. L <input type="checkbox"/> Mandatory (decree) L <input type="checkbox"/> Voluntary <input type="checkbox"/> Other: L Click here to enter free text.
	Scope of the relevant part(s)	Click here to enter free text.
L Reference 5	Applicable legislation / administrative document [Fill in document title] Source / link	PGS 15 http://www.publicatiereeksgevaarlijkestoffen.nl/publicaties/PGS15.html
	Relation / link with European legislation / regulation	Click here to enter which EU legislation.
	-Category -Authority / administrator / publisher	<input type="checkbox"/> National Legislation (adopted by parliament) <input type="checkbox"/> National regulation (government) <input type="checkbox"/> Regional legislation (adopted by parliament) <input type="checkbox"/> Regional regulation (government) <input type="checkbox"/> Local / City text <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Other (sectoral best practices, recommendations, etc.) L Click here to enter free text. L <input type="checkbox"/> Mandatory (decree) L <input type="checkbox"/> Voluntary <input type="checkbox"/> Other:

	Scope of the relevant part(s)	Click here to enter free text. Click here to enter free text.
L Reference 6	Applicable legislation / administrative document [Fill in document title]	Wet veiligheidsregio's
	Source / link	http://wetten.overheid.nl/BWBR0027466/2017-06-10
	Relation / link with European legislation / regulation	Click here to enter which EU legislation.
	-Category -Authority / administrator / publisher	<input checked="" type="checkbox"/> National Legislation (adopted by parliament) <input type="checkbox"/> National regulation (government) <input type="checkbox"/> Regional legislation (adopted by parliament) <input type="checkbox"/> Regional regulation (government) <input type="checkbox"/> Local / City text <input type="checkbox"/> Standard <input type="checkbox"/> Other (sectoral best practices, recommendations, etc.) Click here to enter free text. <input type="checkbox"/> Mandatory (decree) <input type="checkbox"/> Voluntary <input type="checkbox"/> Other: Click here to enter free text.
	Scope of the relevant part(s)	Click here to enter free text.
L Reference 7	Applicable legislation / administrative document [Fill in document title]	Besluit externe veiligheid transportroutes
	Source / link	http://wetten.overheid.nl/BWBR0034233/2015-04-01
	Relation / link with European legislation / regulation	Click here to enter which EU legislation.
	-Category -Authority / administrator / publisher	<input checked="" type="checkbox"/> National Legislation (adopted by parliament) <input type="checkbox"/> National regulation (government) <input type="checkbox"/> Regional legislation (adopted by parliament) <input type="checkbox"/> Regional regulation (government) <input type="checkbox"/> Local / City text <input type="checkbox"/> Standard <input type="checkbox"/> Other (sectoral best practices, recommendations, etc.) Click here to enter free text. <input type="checkbox"/> Mandatory (decree)
	Scope of the relevant part(s)	Click here to enter free text.

		<input type="checkbox"/> Voluntary <input type="checkbox"/> Other: <input type="checkbox"/> Click here to enter free text.
	Scope of the relevant part(s)	Click here to enter free text.
↳ Reference 8	Applicable legislation / administrative document [Fill in document title]	Besluit vervoer gevaarlijke stoffen
	Source / link	http://wetten.overheid.nl/BWBR0008080/2015-04-01
	Relation / link with European legislation / regulation	Click here to enter which EU legislation.
	-Category -Authority / administrator / publisher	<input checked="" type="checkbox"/> National Legislation (adopted by parliament) <input type="checkbox"/> National regulation (government) <input type="checkbox"/> Regional legislation (adopted by parliament) <input type="checkbox"/> Regional regulation (government) <input type="checkbox"/> Local / City text <input type="checkbox"/> Standard <input type="checkbox"/> Other (sectoral best practices, recommendations, etc.) <input type="checkbox"/> Click here to enter free text. <input type="checkbox"/> Mandatory (decree) <input type="checkbox"/> Voluntary <input type="checkbox"/> Other: <input type="checkbox"/> Click here to enter free text.
	Scope of the relevant part(s)	Click here to enter free text.
↳ Other sources of information	Please indicate what has been your source(s) of information for filling in the LAP information sheet.	Click here to enter free text.
↳ Relation / hierarchy	Describe the relation between the different legal documents / legislation / LAPs? What is the “umbrella” legislation? Free text zone where it is possible to indicate the link between the different texts, identify in which text is the barriers if any. - a LAP may be subject to a EU directive and national text transposing it, then: e.g. 1: Explain if any of the national legislation is transposing one of the	Law: The Wet vervoer gevaarlijke stoffen is the umbrella legislation concerning the transport of dangerous goods. The Wet milieubeheer and the Wet veiligheidsregio’s also concern road planning. Decrees:

directives mentioned above.

e.g. 2: Indicate if the barrier comes from the directive or from the way national authority transposed the directive in national text

- Besluit externe veiligheid transportroutes: falls under multiple laws such as Wet vervoer gevaarlijke stoffen, Wet milieubeheer, Wet veiligheidsregio's, Wet algemene bepaling omgevingsrecht, and Wet ruimtelijke ordening.

- Besluit vervoer gevaarlijke stoffen: falls under Wet vervoer gevaarlijke stoffen.

Regulation:

- Regeling vervoer over land van gevaarlijke stoffen: comes forth from the Wegenverkeerswet and the Besluit vervoer gevaarlijke stoffen.

- Regeling basisnet: falls under the Wet vervoer gevaarlijke stoffen and Besluit externe veiligheid transportroutes.

Standards:

- PGS15: Guidelines concerning the storage of packed dangerous goods, refers to ADR, Wet milieubeheer, Wet vervoer gevaarlijke stoffen, and others.