

European Commission High Level Group Review on Bicycles

Survey

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MINISTERIO
DEL INTERIOR





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1. EXECUTIVE SUMMARY

The promotion of cyclist mobility contributes to achieving more efficient and competitive city models. It has to be carried out in a coordinated and inclusive way with the rest of the mobility alternatives and roads users, especially with the most vulnerable groups.

The competent Public Administrations must ensure a clear and homogeneous regulation of cycling activity at all levels, which is focused on the cyclist as a vulnerable user of the road. This regulation will be concerned both with regard to traffic regulations, as well as infrastructures and their equipment. It would also be convenient to harmonize infractions and sanctions, under the principle of proportionality to risk, focused on avoiding recidivism.

It is interesting to know how different countries are addressing cyclist mobility regulation. For this reason, a questionnaire was sent to the High Level Group members of the European Commission in May 2021, the findings of which are set out in this report. The following countries have taken part on it: Austria, Bulgaria, Denmark, Finland, France, Greece, Hungary, Ireland, Italy, Lithuania, Luxembourg, Netherlands, Norway and Spain.

Key findings

- There is no international agreement when it comes to defining what bicycles are, or other types of vehicles that resemble bicycles. Therefore, it would be interesting to get a universal definition for each type of vehicle.
- There is no country where is set an obligation to obtain a license plate for bicycles, or other type of vehicles similar to bicycles. In addition, countries have no plans to make it mandatory in the future. However, there are some countries that opt for a voluntary registration for this type of vehicle such as Austria, Hungary, Lithuania or Spain. When it comes to create and maintain a national register for bicycles the situation changes, and there are only two countries where this issue is going on: Hungary and Spain.
- Regarding vehicle insurance, there is no country where a mandatory insurance for bicycles and similar vehicles is set. This situation is not going to change in the short term because there are no plans to set it. On the other hand, almost every country allow this type of vehicle to be insured voluntarily and only Greece do not foresee this situation.
- There is no mandatory driving license for bicycles anywhere and even it is not foreseen in ant country. Almost every country has voluntary training programs for cyclists without taking into account the vehicle they ride.
- There is a minimum age to ride a bicycle in Bulgaria Denmark Greece Hungary Lithuania Luxembourg
- Wearing a helmet when cycling is not mandatory anywhere for adults. Spanish people under 16's must wear a helmet when cycling, and Austrians under 12 also.
- Regarding if the applicable regulations depend on the use made of the vehicle (personal use, sharing, parcel delivery ...), only Netherlands see that there a sometimes additional regulations in sharing concepts.



2. SURVEY PARTICIPANTS



- Austria
- Bulgaria
- Denmark
- Finland
- France
- Greece
- Hungary
- Ireland
- Italy
- Lithuania
- Luxembourg
- Netherlands
- Norway
- Spain

3. QUESTIONS ASKED IN THE SURVEY

0. **Definitions.** Definitions in your country. In the case that there are more than two categories of "bicycles" in your country.
1. **Mandatory license plate.** In your country, is there an obligation to obtain a license plate for bicycles? If not, are there any plans to make it mandatory in the future?
2. **Voluntary registration.** If there is no mandatory but voluntary registration, can you describe the characteristics of the system?
3. **National Registry.** Is there a national registry of bicycles? If so, can you describe its characteristics and representativeness?
4. **Mandatory insurance.** Is there an obligation to take out insurance for people who use a bicycle? If not, is there a plan to make it mandatory in the future?
5. **Voluntary insurance.** Are there voluntary insurance systems for bicycles in your country? If so, can you describe its characteristics?
6. **Mandatory driving license.** In your country, is there a mandatory driver's license and / or training process for bicycles? If not, are there any plans to introduce mandatory license and / or training in the future?
7. **Voluntary training.** Are there any kind of voluntary training courses for users of bicycles? If so, can you describe them?
8. **Minimum age.** In your country, is there a minimum age to drive a bicycle? If not, are there any plans to introduce a minimum age in the future?
9. **Mandatory helmet use.** In your country, is the use of the helmet mandatory for users of bicycles? If not, are there any plans to make it mandatory in the future?
10. **Bicycle use.** Do the applicable regulations depend on the use made of the vehicle (personal use, sharing, parcel delivery ...)?



4. SURVEY SUMMARY

COUNTRY	VEHICLE	#1		#2	#3	#4		#5	#6		#7	#8		#9		#10	
		License plate	Plans for the future	Voluntary registration	National registry	Mandatory insurance	Plans for the future	Voluntary insurance	Mandatory driving license	Plans for the future	Voluntary training	Minimum age	Plans for the future	Mandatory helmet	Plans for the future	Bicycle use	Plans for the future
Austria	bicycle																
Austria	electric bicycle																
Austria	scooter																
Bulgaria	bicycle																
Bulgaria	other																
Denmark	bicycle																
Denmark	other																
Finland	bicycle																
Finland	other																
France	bicycle																
France	other																
Greece	bicycle																
Greece	other																
Hungary	bicycle																
Hungary	other																
Ireland	bicycle																
Ireland	other																
Italy	bicycle																
Italy	other																
Lithuania	bicycle																
Lithuania	other																
Luxembourg	bicycle																
Luxembourg	other																
Netherlands	bicycle																
Netherlands	other																
Norway	bicycle																
Norway	other																
Spain	bicycle																
Spain	other																

NO = Red cells YES = Green cells No answer = White cells

5. SURVEY RESULTS

5.1. MANDATORY LICENSE PLATE

BICYCLE

■ Yes ■ No ■ No answer



- Yes: none
- No: Austria Bulgaria Denmark Finland France Greece Hungary Ireland Italy Lithuania Luxembourg Netherlands Norway Spain
- No answer: none

OTHER

■ Yes ■ No ■ No answer



- Yes: none
- No: Austria Finland France Greece Ireland Italy Luxembourg Norway Spain
- No answer: Bulgaria Denmark Hungary Lithuania Netherlands

5.2. VOLUNTARY REGISTRATION

BICYCLE

■ Yes ■ No ■ No answer



- Yes: Austria Hungary Lithuania Spain
- No: Bulgaria Denmark Finland France Greece Ireland Italy Luxembourg Netherlands Norway
- No answer: none



OTHER

■ Yes ■ No ■ No answer



- Yes: Austria Spain
- No: Finland France Greece Ireland Italy Luxembourg Norway
- No answer: Bulgaria Denmark Hungary Lithuania Netherlands

5.3. NATIONAL REGISTRY

BICYCLE

■ Yes ■ No ■ No answer



- Yes: Hungary Spain
- No: Austria Bulgaria Denmark Finland Greece Ireland Italy Lithuania Luxembourg Netherlands Norway
- No answer: France

OTHER

■ Yes ■ No ■ No answer



- Yes: Spain
- No: Austria Finland Greece Ireland Italy Luxembourg Norway
- No answer: Bulgaria Denmark France Hungary Lithuania Netherlands

5.4. MANDATORY INSURANCE

BICYCLE

■ Yes ■ No ■ No answer



- Yes: none
- No: Austria Bulgaria Denmark Finland France Greece Hungary Ireland Italy Lithuania Luxembourg Netherlands Norway Spain
- No answer: none

OTHER

■ Yes ■ No ■ No answer



- Yes: none
- No: Austria Finland France Greece Ireland Italy Luxembourg Norway Spain
- No answer: Bulgaria Denmark Hungary Lithuania

5.5. VOLUNTARY INSURANCE

BICYCLE

■ Yes ■ No ■ No answer



- Yes: Austria Bulgaria Denmark Finland France Hungary Ireland Italy Lithuania Luxembourg Netherlands Spain
- No: Greece
- No answer: Norway



OTHER

■ Yes ■ No ■ No answer



- Yes: Austria France Ireland Italy Spain
- No: Greece
- No answer: Bulgaria Denmark Finland Hungary Lithuania Luxembourg Netherlands Norway

5.6. MANDATORY DRIVING LICENSE

BICYCLE

■ Yes ■ No ■ No answer



- Yes: none
- No: Austria Bulgaria Denmark Finland France Greece Hungary Ireland Italy Lithuania Luxembourg Netherlands Norway Spain
- No answer: none

OTHER

■ Yes ■ No ■ No answer



- Yes: none
- No: Austria Finland France Greece Ireland Italy Norway Spain
- No answer: Bulgaria Denmark Hungary Lithuania Luxembourg Netherlands

5.7. VOLUNTARY TRAINING

BICYCLE

■ Yes ■ No ■ No answer



- Yes: Austria Bulgaria Denmark Finland France Greece Hungary Ireland Lithuania Luxembourg Netherlands Norway Spain
- No: none
- No answer: Italy

OTHER

■ Yes ■ No ■ No answer



- Yes: Austria France Italy Norway Spain
- No: Greece Ireland
- No answer: Bulgaria Denmark Finland Hungary Lithuania Luxembourg Netherlands

5.8. MINIMUM AGE

BICYCLE

■ Yes ■ No ■ No answer



- Yes: Bulgaria Denmark Greece Hungary Lithuania Luxembourg
- No: Austria Finland Ireland Italy Netherlands Norway Spain
- No answer: France

OTHER

■ Yes ■ No ■ No answer



- Yes: Greece
- No: Austria Finland Ireland Italy Norway Spain
- No answer: Bulgaria Denmark France Hungary Lithuania Luxembourg Netherlands

5.9. MANDATORY HELMET

BICYCLE

■ Yes ■ No ■ No answer



- Yes: Denmark Spain (<16 years old)
- No: Austria Bulgaria Finland France Greece Hungary Ireland Italy Lithuania Luxembourg Netherlands Norway
- No answer: none

OTHER

■ Yes ■ No ■ No answer



- Yes: Austria
- No: Finland France Greece Ireland Italy Norway Spain
- No answer: Bulgaria Denmark Hungary Lithuania Luxembourg Netherlands

5.10. BICYCLE USE

BICYCLE

■ Yes ■ No ■ No answer



- Yes: Netherlands
- No: Austria Bulgaria Denmark Finland France Greece Hungary Ireland Italy Lithuania Luxembourg Norway Spain
- No answer: none

OTHER

■ Yes ■ No ■ No answer



- Yes: none
- No: Austria Finland France Greece Ireland Italy Norway Spain
- No answer: Bulgaria Denmark Hungary Lithuania Luxembourg Netherlands



6. COUNTRY FACTSHEETS

6.1. AUSTRIA

Definitions. [Austrian Road Code](#) §2 Abs. 1 Z22

- Bicycle: a vehicle equipped with a mechanism for transmitting human power to the drive wheels
- Other:
 - electric bicycle: electric powerd vehicle up to 25 km/h and 600 W maximum allowable power
 - scooter (>300mm wheel diameter): a two-wheeled vehicle powered directly by human power

Mandatory license plate.

- Bicycle: no
- Other:
 - Electric bicycle: no
 - Scooter: no

Voluntary registration.

- Bicycle: yes. [Private company](#) offers registration with costs (as bicycle theft prevention)
- Other:
 - Electric bicycle: yes. [Private company](#) offers registration with costs (as bicycle theft prevention)
 - Scooter: no

National Registry.

- Bicycle: no
- Other:
 - Electric bicycle: no
 - Scooter: no

Mandatory insurance.

- Bicycle: no. No plans for the future.
- Other:
 - Electric bicycle: no. No plans for the future.
 - Scooter: no. No plans for the future.

Voluntary insurance.

- Bicycle: yes. Within home insurance plans or special insurance.
- Other:
 - Electric bicycle: yes. Within home insurance plans or special insurance.
 - Scooter: yes. Within home insurance plans or special insurance.

Mandatory driving license.

Voluntary driver licence for children in the age of 9-12 years. Bicycle driver licence for children gives the allowance to cycle without adult's company.

- Bicycle: no. No plans for the future.
- Other:
 - Electric bicycle: no. No plans for the future.
 - Scooter: no. No plans for the future.

Voluntary training.

- Bicycle: yes. Several private bicycle training companies; cost-free bicycle trainings for children (6-10 years) financed by municipalities and national accident insurance (AUVA). New since 2021 voluntary 2-hour bicycle training per year for each pupil (6-10 years), financed by the Federal Ministry for Climate Action ([klimaaktiv mobil](#)).
- Other:
 - Electric bicycle: yes. Private companies offer trainings with costs.
 - Scooter: yes. Private companies offer trainings with costs.

Minimum age.

Children <12 years need an adult's company. With the Children bicycle driver license children in the age of 9 years are allowed to cycle without adult's company.

- Bicycle: no. No plans for the future.
- Other:
 - Electric bicycle: no. No plans for the future.
 - Scooter: no. No plans for the future.

Mandatory helmet use.

- Bicycle: yes. For children up to 12 years.
- Other:
 - Electric bicycle: yes. For children up to 12 years.
 - Scooter: no.

Bicycle use.

- Bicycle: no. No plans for the future.
- Other:
 - Electric bicycle: no. No plans for the future.
 - Scooter: no. No plans for the future.



6.2. BULGARIA

Definitions.

- Bicycle: vehicle on at least 2 wheels which is set in motion by the muscular force of the person driving it, with exception of wheelchairs.
- Other: no data

Mandatory license plate.

- Bicycle: no
- Other: no data

Voluntary registration.

- Bicycle: no
- Other: no data

National Registry.

- Bicycle: no
- Other: no data

Mandatory insurance.

- Bicycle: no
- Other: no data

Voluntary insurance.

- Bicycle: yes. As part of health and property insurance plans.
- Other: no data

Mandatory driving license.

- Bicycle: no
- Other: no data

Voluntary training.

- Bicycle: yes. Training courses provided by private clubs and cyclists associations
- Other: no data

Minimum age.

- Bicycle: yes. 12 years.
- Other: no data

Mandatory helmet use.

- Bicycle: no
- Other: no data

Bicycle use.

- Bicycle: no
- Other: no data

6.3. DENMARK

Definitions.

- Bicycle: Max. 4 wheels, designed for max. 3 persons and 4 children <7 year old, wheels must have tires or other elastic outer layer. Restrictions on weight and dimensions also apply.
- Other: no data

Mandatory license plate.

- Bicycle: no. No plans for the future
- Other: no data

Voluntary registration.

- Bicycle: no
- Other: no data

National Registry.

- Bicycle: no. No register, but bicycles must be marked with a Danish VIN-number for insurance and enforcement purposes.
- Other: no data

Mandatory insurance.

- Bicycle: no
- Other: no data

Voluntary insurance.

- Bicycle: yes
- Other: no data

Mandatory driving license.

- Bicycle: no. No plans for the future
- Other: no data

Voluntary training.

- Bicycle: yes. Cycling games / Red Cross programs for foreigners
- Other: no data

Minimum age.

- Bicycle: Yes. 6. Children under 6 years old must be supervised by a person aged 15 or older.
- Other: no data

Mandatory helmet use.

- Bicycle: no. No plans for the future
- Other: no data



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Bicycle use.

- Bicycle: no. No plans for the future
- Other: no data

6.4. FINLAND

Definitions.

- Bicycle:
Unofficial translation of the law: Bicycle means a non-motorised vehicle constructed for the carriage of one or several persons or goods, fitted with at least two wheels and pedals or hand-crank. A vehicle which is equipped with an electric motor which has a power output not exceeding 250 W, which works only when pedalling and which is cut off at the latest when the vehicle reaches a speed of 25 km/h shall also be regarded as a bicycle (electric assist bicycle). Power output may work without pedaling, if the speed is at most 6 km/h. [See reference](#)
- Other: L1e-A European Union legislation definition

Mandatory license plate.

- Bicycle: no
- Other: no

Voluntary registration.

- Bicycle: no
- Other: no

National Registry.

- Bicycle: no
- Other: no

Mandatory insurance.

- Bicycle: no
- Other: yes. Mandatory motor vehicle insurance.

Voluntary insurance.

- Bicycle: yes. Within home insurance plans
- Other: no. Mandatory.

Mandatory driving license.

- Bicycle: no
- Other: no

Voluntary training.

- Bicycle: yes. Various courses organized by bicycle associations: bicycling for adult beginners, mountain biking, bicycle repair
- Other: powered cycle

Minimum age.

- Bicycle: no. No plans for the future. Some schools recommend that first class kids (6-7 years old) do not ride a bicycle to school.
- Other: no. No plans for the future.



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Mandatory helmet use.

- Bicycle: no
- Other: no

Bicycle use.

- Bicycle: no
- Other: no

6.5. FRANCE

Definitions.

- **Bicycle:**
Vehicle having at least two wheels and propelled exclusively by the muscular energy of the persons riding on the vehicle, including by means of pedals or cranks. Code de la route R311-1 / 6.10
- **Other:**
Cycle equipped with an auxiliary electric motor with a maximum continuous rated power of 0.25 kilowatts, the power supply of which is progressively reduced and finally interrupted when the vehicle reaches a speed of 25 km/h, or earlier if the cyclist stops pedalling. Code de la route R311-1 / 6.11

Mandatory license plate.

- **Bicycle:** no. Since 01/01/2021, new bicycles are sold with a marking allowing their identification.
- **Other:** no

Voluntary registration.

- **Bicycle:** yes. Bikes can be marked with a code (bicycode)
- **Other:** no

National Registry.

- **Bicycle:** no data
- **Other:** no data

Mandatory insurance.

- **Bicycle:** no
- **Other:** no

Voluntary insurance.

- **Bicycle:** yes. Within home insurance plans.
- **Other:** yes. Within home insurance plans.

Mandatory driving license.

- **Bicycle:** no
- **Other:** no

Voluntary training.

- **Bicycle:** yes. Savoir rouler. Thanks to associations or preventive actions.
- **Other:** yes. Savoir rouler. Thanks to associations or preventive actions.

Minimum age.

- **Bicycle:** no data.
- **Other:** no data.



Mandatory helmet use.

- Bicycle: no. Mandatory for <12 years old people. Code de la route
- Other: no

Bicycle use.

- Bicycle: no
- Other: no

6.6. GREECE

Definitions.

- Bicycle: Vehicle which has at least two wheels and moves with the muscular strength of the rider. Greek Road Traffic Code.
- Other: A bicycle can be assisted by an electromotor with a maximum continuous rated power of 0.25kW, whose power is gradually decreasing and finally eliminates when the vehicle speed reaches 25 km/ h or earlier if the cycling stops. Greek Road Traffic Code.

Mandatory license plate.

- Bicycle: no
- Other: no

Voluntary registration.

- Bicycle: no
- Other: no

National Register.

- Bicycle: no
- Other: no

Mandatory insurance.

- Bicycle: no
- Other: no

Voluntary insurance.

- Bicycle: no
- Other: no

Mandatory driving license.

- Bicycle: no
- Other: no

Voluntary training.

- Bicycle: yes. Action Plan for Road Safety.
- Other: no

Minimum age.

- Bicycle: yes. 12. Bicycles' riders who have not reached the age of 12 must be accompanied by a person who has reached the age of 16, when travelling on the road network. Greek Road Traffic Code.
- Other: Idem

Mandatory helmet use.

- Bicycle: no
- Other: no



Bicycle use.

- Bicycle: no. At night, riders who use the bicycle for the transport of goods are required to wear reflective clothing. Greek Road Traffic Code.
- Other: no. Greek Road Traffic Code.

6.7. HUNGARY

Definitions.

- Bicycle: A vehicle with at least two wheels driven by human power and assisted by an engine with a power not exceeding 300 W. A person not driving the bicycle can also be transported on a suitable seat on the bicycle. The bicycle can be fitted with a device suitable for towing a trailer. [See reference](#).
- Other: Two -,three- and four-wheel motor vehicle: A two-wheeled vehicles classified as L1e vehicles, three-wheel vehicles classified as L2e vehicles and quads and mopeds classified as L6e vehicles in separate legislation. [See reference](#).

Mandatory license plate.

- Bicycle: no. No plans for the future.
- Other: no data

Voluntary registration.

- Bicycle: yes. [Bikesafe](#): online registration (with photos, purchase contracts, etc.) platform, that are transmitted to police database. The primary purpose of the system is to detect stolen bicycles. From 2020, the registrants may request a register (little plastic card) that contains the main informations about the bicycle (photo, brand, type, frame number, year of manufacture, ID number).
- Other: no data

National Registry.

- Bicycle: yes. [Bikesafe](#): online registration (with photos, purchase contracts, etc.) platform, that are transmitted to police database. The primary purpose of the system is to detect stolen bicycles. From 2020, the registrants may request a register (little plastic card) that contains the main informations about the bicycle (photo, brand, type, frame number, year of manufacture, ID number).
- Other: no data

Mandatory insurance.

- Bicycle: no. No plans for the future.
- Other: no data.

Voluntary insurance.

- Bicycle: yes. Direct insurance can be taken through different insurance companies, just like car, house insurances.
- Other: no data

Mandatory driving license.

- Bicycle: no. No plans for the future.
- Other: no data.



Voluntary training.

- Bicycle: no data. Some companies deal with bicycle education, but not so common in Hungary. [See reference](#).
- Other: no data

Minimum age.

- Bicycle: yes. <12 years old are not allowed on main roads. [See reference](#).
- Other: no

Mandatory helmet use.

- Bicycle: no. Mandatory only outside urban areas, above 40km/h.
- Other: no data

Bicycle use.

- Bicycle: no
- Other: no data

6.8. IRELAND

Definitions.

- Bicycle: “pedal cycle” means a vehicle which is a pedal bicycle or pedal tricycle
- Other: L category - L1e-A

Mandatory license plate.

- Bicycle: no. No plans for the future.
- Other: no. No plans for the future.

Voluntary registration.

- Bicycle: no
- Other: no

National Registry.

- Bicycle: no
- Other: no

Mandatory insurance.

- Bicycle: no. No plans for the future.
- Other: no. No plans for the future.

Voluntary insurance.

- Bicycle: yes
- Other: yes

Mandatory driving license.

- Bicycle: no
- Other: no

Voluntary training.

- Bicycle: yes. The Road Safety Authority of Ireland run various educational programmes
- Other: no

Minimum age.

- Bicycle: no. No plans for the future.
- Other: no. No plans for the future.

Mandatory helmet use.

- Bicycle: no. Recommended.
- Other: no

Bicycle use.

- Bicycle: no
- Other: no



6.9. ITALY

Definitions.

- Bicycle: vehicles with two or more wheels operating with exclusively muscular propulsion, by means of pedals or similar devices, operated by the people who are on the vehicle.
- Other: Italian road code use the term "Velocipede" to define bicycle and other vehicles similar to bicycle as electrically assisted pedal cycles equipped with an electric auxiliary motor with a maximum continuous rated power of 0,25 KW, the power supply of which is progressively reduced and finally interrupted when the vehicle reaches 25 km/h or before if the cyclist stops pedalling.

Mandatory license plate.

- Bicycle: no.
- Other: no.

Voluntary registration.

- Bicycle: no.
- Other: no.

National Registry.

- Bicycle: no.
- Other: no.

Mandatory insurance.

- Bicycle: no.
- Other: no.

Voluntary insurance.

- Bicycle: yes. Similar to vehicle insurance systems.
- Other: yes. Similar to vehicle insurance systems.

Mandatory driving license.

- Bicycle: no.
- Other: no.

Voluntary training.

- Bicycle: no data
- Other: no data

Minimum age.

- Bicycle: no.
- Other: no.

Mandatory helmet use.

- Bicycle: no. Recommended to children.
- Other: no.

Bicycle use.

- Bicycle: no.
- Other: no.



6.10. LITHUANIA

Definitions.

- Bicycle: no data
- Other: no data

Mandatory license plate.

- Bicycle: no
- Other: no data

Voluntary registration.

- Bicycle: yes. Police database, theft prevention
- Other: no data.

National Registry.

- Bicycle: no
- Other: no data

Mandatory insurance.

- Bicycle: no
- Other: no data

Voluntary insurance.

- Bicycle: yes. Within home insurance plans.
- Other: no data

Mandatory driving license.

- Bicycle: no
- Other: no data

Voluntary training.

- Bicycle: yes. Cyclist course for students, age 12-14.
- Other: no data.

Minimum age.

- Bicycle: yes. 14 - without supervision. 12 - Only after finishing voluntary training course.
No restriction in residential areas.
- Other: no

Mandatory helmet use.

- Bicycle: no. Mandatory for <18 people.
- Other: no data

Bicycle use.

- Bicycle: no
- Other: no data

6.11. LUXEMBOURG

Definitions.

- Bicycle: vehicle which has at least two wheels and which is propelled exclusively by the muscular energy of the persons riding on it, in particular by means of pedals or cranks.
- Other: no data.

Mandatory license plate.

- Bicycle: no. No plans for the future.
- Other: no. No plans for the future.

Voluntary registration.

- Bicycle: no. No plans for the future.
- Other: no. No plans for the future.

National Registry.

- Bicycle: no
- Other: no

Mandatory insurance.

- Bicycle: no. No plans for the future.
- Other: no. No plans for the future.

Voluntary insurance.

- Bicycle: no
- Other: no data

Mandatory driving license.

- Bicycle: no
- Other: no data

Voluntary training.

- Bicycle: yes. Coupe scolaire.
- Other: no data.

Minimum age.

- Bicycle: 10. No plans for the future. Without an accompanying person on the roadway (from 6 way to school and cycle lanes can be used alone).
- Other: no data.

Mandatory helmet use.

- Bicycle: no
- Other: no data

Bicycle use.

- Bicycle: no
- Other: no data



6.12. **NETHERLANDS**

Definitions.

- Bicycle: In the Netherlands there is no definition for a bicycle.
- Other: no data

Mandatory license plate.

- Bicycle: no. The Netherlands is working on new regulations for light electric vehicles (LEV). In the latest outline/framework there are plans for mandatory license plate for LEV heavier than 55 kg. That is including e-cargobikes > 55 kg but not for normal bicycles.
- Other: no data

Voluntary registration.

- Bicycle: no. The only way to register a bicycle is through bicycle insurance
- Other: no data

National Registry.

- Bicycle: no. But there is a national register so you can check if a bicycle is stolen.
- Other: no data

Mandatory insurance.

- Bicycle: no. No plans for the future.
- Other: no data

Voluntary insurance.

- Bicycle: yes. Third party liability insurance and many option through insurance companies.
- Other: no data

Mandatory driving license.

- Bicycle: no. Maybe there will be in the future for heavy LEV (which are no considered as bicycles).
- Other: no data

Voluntary training.

- Bicycle: yes. There are many voluntary different training courses. Some for specific target groups like children or elderly.
- Other: no data

Minimum age.

- Bicycle: no. No plans for the future.
- Other: no data

Mandatory helmet use.

- Bicycle: no
- Other: no data

Bicycle use.

- Bicycle: yes. In sharing concepts we see that there are sometimes additional regulations. But mostly those are conditions to accept for the users in order to rent the bicycle.
- Other: no data



6.13. NORWAY

Definitions.

- Bicycle: They are defined as a bicycle, and a bicycle is defined as a vehicle.
- Other: no data

Mandatory license plate.

- Bicycle: no. No plans for the future. [See reference.](#)
- Other: no. No plans for the future. [See reference.](#)

Voluntary registration.

- Bicycle: no.
- Other: no.

National Registry.

- Bicycle: no
- Other: no.

Mandatory insurance.

- Bicycle: no. No plans for the future. [See reference.](#)
- Other: no. No plans for the future. [See reference.](#)

Voluntary insurance.

- Bicycle: no data.
- Other: no data.

Mandatory driving license.

- Bicycle: no. No plans for the future.
- Other: no. No plans for the future.

Voluntary training.

- Bicycle yes. Several different private providers
- Other: yes. Several different private providers

Minimum age.

- Bicycle: no. No plans for the future.
- Other: no. No plans for the future.

Mandatory helmet use.

- Bicycle: no. No plans for the future. Highly recommended.
- Other: no. No plans for the future. Highly recommended.

Bicycle use.

- Bicycle: no. No plans for the future. The rules referred to in these list is national and will apply to everyone. Municipalities may have other rules for sharing bicycles.
- Other: no. No plans for the future. The rules referred to in these list is national and will apply to everyone. Municipalities may have other rules for sharing bicycles.

6.14. SPAIN

Definitions.

- Bicycle: vehicle fitted with two wheels and powered exclusively or mainly by the muscular energy of the person or people on the vehicle, in particular by means of pedals
- Other: Vehicle fitted with at least two wheels and powered exclusively or mainly by the muscular energy of the person or people on the vehicle, in particular by means of pedals.
- Reference: ANEXO I.Punto 8. RDL 6/2015, de 30 de octubre, por el que se aprueba el texto refundido de la Ley sobre Tráfico, Circulación de Vehículos a Motor y Seguridad Vial.ANEXO II RGV, Real Decreto 2822/1998, de 23 de diciembre.

Mandatory license plate.

- Bicycle: no. No plans for the future.
Art.25.1 RGV,Real Decreto 2822/1998, de 23 de diciembre.
- Other: no. No plans for the future.
Art.25.1 RGV,Real Decreto 2822/1998, de 23 de diciembre.

Voluntary registration.

- Bicycle: yes. [Biciregistro](#).
- Other: yes

National Registry

- Bicycle: yes.
- Other: yes.

Mandatory insurance.

- Bicycle: no.
Arts. 1 y 22 RGV, Real Decreto 2822/1998. Art.1 RD 1507/2008, de 12 de septiembre
- Other: no.
Arts. 1 y 22 RGV, Real Decreto 2822/1998. Art.1 RD 1507/2008, de 12 de septiembre

Voluntary insurance.

- Bicycle: yes.
Art. 1 RD 1507/2008, de 12 de septiembre, Art.6 RDL 6/2004, de 29 de octubre, por el que se aprueba el texto refundido de la Ley de ordenación y supervisión de los seguros privados.
- Other: yes.
Art. 1 RD 1507/2008, de 12 de septiembre, Art.6 RDL 6/2004, de 29 de octubre, por el que se aprueba el texto refundido de la Ley de ordenación y supervisión de los seguros privados.

Mandatory driving license.

- Bicycle: no.
Art.61 RDL 6/2015, de 30 de octubre, por el que se aprueba el texto refundido de la Ley sobre Tráfico, Circulación de Vehículos a Motor y Seguridad Vial.



- Other: no.

Art.61 RDL 6/2015, de 30 de octubre, por el que se aprueba el texto refundido de la Ley sobre Tráfico, Circulación de Vehículos a Motor y Seguridad Vial.

Voluntary training.

- Bicycle: yes.

Art.62.1 RDL 6/2015, de 30 de octubre, por el que se aprueba el texto refundido de la Ley sobre Tráfico, Circulación de Vehículos a Motor y Seguridad Vial.

- Other: yes.

Art.62.1 RDL 6/2015, de 30 de octubre, por el que se aprueba el texto refundido de la Ley sobre Tráfico, Circulación de Vehículos a Motor y Seguridad Vial.

Minimum age.

- Bicycle: no.

Art.12 RD 1428/2003, de 21 de noviembre, por el que se aprueba el Reglamento General de Circulación para la aplicación y desarrollo del texto articulado de la Ley sobre tráfico, circulación de vehículos a motor y seguridad vial, aprobado por el Real Decreto Legislativo 339/1990, de 2 de marzo

- Other: no.

Art.12 RD 1428/2003, de 21 de noviembre, por el que se aprueba el Reglamento General de Circulación para la aplicación y desarrollo del texto articulado de la Ley sobre tráfico, circulación de vehículos a motor y seguridad vial, aprobado por el Real Decreto Legislativo 339/1990, de 2 de marzo

Mandatory helmet use.

- Bicycle: yes. Under 16s.

Art.118.1 RD 1428/2003, de 21 de noviembre, por el que se aprueba el Reglamento General de Circulación para la aplicación y desarrollo del texto articulado de la Ley sobre tráfico, circulación de vehículos a motor y seguridad vial, aprobado por el Real Decreto Legislativo 339/1990, de 2 de marzo

- Other: no.

Art.118.1 RD 1428/2003, de 21 de noviembre, por el que se aprueba el Reglamento General de Circulación para la aplicación y desarrollo del texto articulado de la Ley sobre tráfico, circulación de vehículos a motor y seguridad vial, aprobado por el Real Decreto Legislativo 339/1990, de 2 de marzo

Bicycle use.

- Bicycle: no. No plans for the future.

Art.12 RD 1428/2003, de 21 de noviembre, por el que se aprueba el Reglamento General de Circulación para la aplicación y desarrollo del texto articulado de la Ley sobre tráfico, circulación de vehículos a motor y seguridad vial, aprobado por el Real Decreto Legislativo 339/1990, de 2 de marzo

- Other: no. No plans for the future.

Art.12 RD 1428/2003, de 21 de noviembre, por el que se aprueba el Reglamento General de Circulación para la aplicación y desarrollo del texto articulado de la Ley sobre tráfico,

circulación de vehículos a motor y seguridad vial, aprobado por el Real Decreto Legislativo 339/1990, de 2 de marzo