

Public and private essential entities (called operators of essential services in NIS Directive 1.0)
Entities marked in bold and red are added in the proposed NIS Directive 2.0

Sector	Subsector	Type of entity
Energy	Electricity	<ul style="list-style-type: none"> Electricity suppliers Distribution system operators Transmission system operators Producers Nominated electricity market operators Electricity market participants (Aggregation, demand response or energy storage services)
	District heating and cooling	District heating or cooling on the promotion of the use of energy from renewable sources
	Oil	<ul style="list-style-type: none"> Oil transmission pipeline operators Oil production, refining and treatment facilities, storage and transmission operators Central oil stockholding entities
	Gas	<ul style="list-style-type: none"> Gas supply undertakings Gas distribution system operators Gas transmission system operators Gas storage operators LNG system operators Natural gas undertakings Operators of natural gas refining and treatment facilities
	Hydrogen	Operators of hydrogen production, storage and transmission
Transport	Air	<ul style="list-style-type: none"> Air carriers Airport management bodies Airports Traffic management control operators
	Rail	<ul style="list-style-type: none"> Infrastructure managers Railway undertakings
	Water	<ul style="list-style-type: none"> Inland, sea and coastal passenger and freight water transport companies Managing companies of ports Operators of vessel traffic services
	Road	<ul style="list-style-type: none"> Road authorities responsible for traffic management control Operators of Intelligent Transport Systems
Banking and financial markets infrastructures		<ul style="list-style-type: none"> Banks Trading venues operators Central counterparties (CCPs)
Health		<ul style="list-style-type: none"> Healthcare providers EU reference laboratories on serious cross-border threats to health Entities carrying out research and development activities of medical products Manufacturers of basic pharmaceutical products and preparations Manufacturers of medical devices that are critical during a public health emergency
Drinking water		Suppliers and distributors of water
Waste water		Undertakings collecting, disposing or treating waste water
Digital infrastructure		<ul style="list-style-type: none"> Providers of internet exchange points DNS service providers TLD name registries Cloud computing service providers¹ Data center service providers Content delivery network providers Trust service providers² Public electronic communications network and services providers³
Public administration		<ul style="list-style-type: none"> Public administrations of central governments Public administrations of NUTS 1 and 2 regions
Space		Operators of ground-based infrastructure supporting space-based services

¹ Until now, digital service providers in NIS Directive 1.0.

² Until now, covered by the Regulation on electronic identification and trust services for electronic transactions in the internal market [(EU) No 910/2014].

³ Until now, covered by the Directive establishing the European Electronic Communications Code [(EU) 2018/1972].

Public and private important entities (called digital service providers in NIS Directive 1.0)		
Entities marked in bold and red were added in the proposed NIS Directive 2.0		
Sector	Subsector	Type of entity
Manufacturing	Medical devices	<ul style="list-style-type: none"> Manufacturers of medical devices Manufacturers of in vitro diagnostic medical devices
	Computer, electronic and optical products	Manufacturers of computer, electronic and optical products
	Electrical equipment	Manufacturers of electrical equipment
	Machinery and equipment	Manufacturers of machinery and equipment
	Motor vehicles, trailers and semi-trailers	Manufacturers of motor vehicles, trailers and semi-trailers
	Other transport equipment	Manufacturers of other transport equipment
Waste management		Waste management undertaking (as principal activity)
Postal and courier services		Postal and courier services undertakings
Food		Production, processing and distribution of food
Chemicals		Manufacturing, production and distribution of substances and articles
Digital providers		<ul style="list-style-type: none"> Providers of online marketplaces Providers of online search engines Providers of social networking services platforms