

Fifth cut-off date of the Alternative Fuels Infrastructure Facility call for proposals - Cohesion and General envelopes

Overview of selected projects

Project Title	Country	Coordinator of the project	Recommended eligible costs	Recommended CEF funding	Project description
Cross-E Cohesion: Cross Border charging networks – Electric in HU, HR, PL, SI, and SK	NL	Allego BV	Unit contribution	29,970,000.00 €	The project Cross-E Cohesion will deploy 706 recharging points of minimum power output of 150 kW for Light Duty Vehicles (LDV) and 47 recharging points of minimum power output of 350 kW for Heavy Duty Vehicles (HDV) in 199 locations along TEN-T corridors, Core Network, and Comprehensive Network in HU, HR, PL, SK and SI complemented by 158 recharging points for LDV and HDV in the twinned project Cross-E General.
MVM ULTRA II 2023 - Electrification of certain sections of the TEN-T road network in Hungary according to AFIR requirements: Installation of 4x150 kW ultra-charging stations	HU	MVM MOBILITÁ KFT	Unit contribution	3,000,000.00 €	This project aims at deploying 80 publicly accessible 150 kW recharging points, at 20 locations in Hungary, all connected to the grid with a minimum power capacity of 600kVA.
Ava E-mobility Project	PL	ORLEN SPOLKA AKCYJNA	Unit contribution	2,700,000.00 €	The aim of the project is to build 10 publicly accessible multi-point recharging stations for LDV with a minimum power output of 150 kW per recharging point, for a total of 80 recharging points located along the TEN-T road network throughout Poland, with grid connection of expected power capacity of up to 2,000 kW.
Development of Ultra-fast EV charging Stations along TEN-T network in Poland	PL	ELEPORT SP. Z O.O.	Unit contribution	3,150,000.00 €	This project consists in the deployment of 21 ultra-fast charging stations for LDV in Poland, along the TEN-T network, offering 84 charging points with a charging power of at least 150 kW.
Development of Moya Energia Charging Network in Poland	PL	ANWIM SPOLKA AKCYJNA	Unit contribution	7,500,000.00 €	This project consists in the deployment of 38 recharging stations equipped with 208 charging points associated with 38 grid connections in Poland. On the 208 charging points, 204 will be dedicated to LDV and 4 to HDV.
Construction by Polenergia eMobility of a network of publicly available electric vehicle charging stations as part of the TEN-T network in Poland	PL	Polenergia eMobility sp. z o.o.	Unit contribution	1,710,000.00 €	The project will deploy recharging infrastructure along the TEN-T core and comprehensive network in Poland, by installing 13 multi-point charging stations for LDV, each consisting of 2 to 4 recharging points with a minimum power output of 150 kW (22 chargers for around 44 charging points), and a grid connection with a minimum power capacity of 600kVA in each location.
Electrification of Sofia Airport Ground Operations	BG	SOF Connect AD	1,860,000.00 €	930,000.00 €	The project will support the decarbonisation of Sofia's airport ground operations with the deployment of 3 mobile electrical ground power equipment, 3 GPUs, 1 Heater for aircraft cabin, 22 charging stations for ground handling vehicles including the electrical infrastructure for the charging stations and the related software.
Construction of an HRS for public transport means - buses in the bus depot of OSY at Thriasio, Attiki	EL	AVINOIL VIOMICHANIKI EMPORIKI KAI NAFTILIAKI ETAIRIEIA PETRELIAION MONOPROSOPI ANONYMI ETAIRIEIA	7,151,050.00 €	3,575,525.00 €	The proposal deals with the deployment of Hydrogen Refueling Station (HRS) of 350 bar in a bus depot dedicated to the public transport in Thriasio, Attica, serving the core urban node of Athens, Greece.
Charging Infrastructure for the Electrification of Public Transportation	MT	MALTA PUBLIC TRANSPORT SERVICES(OPERATIONS) LIMITED	20,450,000.00 €	10,225,000.00 €	This project aims to upgrade 3 bus depots (Floriana, Pembroke and Marsa) through the installation of 120 to 140 electric chargers for overnight charging (designed to be able to utilise the 9.0MW to 12.8MW of power) as well as installation of opportunity based charging - 3 to 8 fast chargers – in 3 additional locations (maintenance facility in Luqa, the Valletta Terminus and the Airport), all of which are within Malta's TEN-T urban node of Valletta.
Five hydrogen refueling stations in Poland	PL	PAK-POE Stacje H2 sp.z.o.o.	29,823,970.00 €	14,911,985.00 €	The project aims to the deployment of five Hydrogen refueling stations of 350 and 700 bar for LDVs and HDVs in Poland, all located within a maximum distance of 10 km from the TEN-T network (Szczecin, Gliwice, Częstochowa) or in TEN-T urban nodes (Łódź and Katowice). It includes an electrolyser as synergetic element.
Clean Cities – Hydrogen Mobility in Poland (Phase III)	PL	ORLEN SPOLKA AKCYJNA	124,612,950.00 €	62,306,475.00 €	The Project aims to install 16 publicly accessible Hydrogen Refuelling Stations in Gdańsk, Rzeszów, Częstochowa, Wrocław I, Łódź, Gliwice, Kraków, Lublin, Łąka, Poznań, Przeźmierowo, Szczecin, Wrocław II, Gdynia, Koszwały, Zielona Góra and a 5MW electrolyser in Szczecin. All HRS are publicly accessible 24/7 and located in urban areas in order to increase their availability for potential users from those cities. Those will be equipped with 350 and 700 bar dispensers allowing all type of H2 vehicles to refuel. Hydrogen will be partially supplied from the newly built electrolyser but also from an industrial site located in Włocławek.
Fraport Slovenija for e-FUTURE	SI	Fraport Slovenija, upravljanje letalisc, d.o.o.	2,335,190.00 €	1,167,595.00 €	The project is located at Ljubljana TEN-T core airport, at the cross-roads of two main TEN-T Corridors (Baltic-Adriatic and Mediterranean), and it aims to deliver several infrastructure components to decarbonise its ground operations: one mobile electrical Aircraft Cooling Unit (eACU) for the cooling of the aircraft during ground operations, one transformer to supply the 25 recharging stations already installed in the airport airside, five fixed electrical Ground Power Units (eGPUs) to provide electrical power to aircraft during ground operations, eight mobile electrical Ground Power Units (eGPUs) to supply stationary aircraft in the remote airport premises and one EV charging station for ground operations.
Green Energy for Transport	SI	JAVNO PODJETJE ENERGETIKA LJUBLJANA DOO	5,989,600.00 €	2,994,800.00 €	The project joins together a hydrogen refueling station for public transport buses in Ljubljana, 16 recharging stations and 9 electric port service vehicles in the port of Koper, 14 recharging stations for electric buses for public transport in Koper, and 12 recharging stations for public transport buses in Ljubljana.
Cross-E General: Cross Border charging networks – Electric in BE, IT, and NL	NL	Allego BV	Unit contribution	4,480,000.00 €	This project Cross-E General will deploy 132 recharging points minimum power output of 150 kW for Light Duty Vehicles (LDV) and 26 recharging points minimum power output of 350 kW for Heavy Duty Vehicles (HDV) in 40 locations along TEN-T corridors, Core Network, and Comprehensive Network in NL, BE and IT, complemented by 753 recharging points for LDV and HDV in the twinned Cohesion project.
Ultrafast e-mobility infrastructure in ES-PT Mediterranean and Atlantic Ten-t corridors	ES	Cepsa Comercial Petróleo	Unit contribution	5,400,000.00 €	The project encompasses the construction of recharging stations at 28 locations and their related connections to the electricity grid with a total of 125 recharging points, 5 of minimum power output of 150 kW and 99 of 350 kW in Spain, and 3 of minimum power output of 150 kW and 18 of 350 kW in Portugal, along the TEN-T Core and Comprehensive Network.
Baltic EV Expansion	FI	NESTE OYJ	Unit contribution	1,900,000.00 €	The proposal is relating to the deployment of 76 charging points of 150kW in 19 charging stations for LDVs along the core network in Estonia, Latvia, Lithuania.
TANGERINE	ES	IBERDROLA CLIENTES SOCIEDAD ANONIMA	Unit contribution	50,120,000.00 €	The project encompasses the construction of 272 charging stations and their related connections to the electricity grid with a total of 1,220 recharging points, 206 of minimum power output of 150 kW and 794 of 350 kW in Spain, and 220 of minimum power output of 350 kW in Portugal, along the TEN-T Core and Comprehensive Network.
Accelerating Europe's key infrastructure phase II	NL	TESLA MOTORS NETHERLANDS BV	Unit contribution	9,860,000.00 €	The project aims to deploy 498 recharging points (up to 250 kW) for LDVs in 50 locations in 11 countries (BG, CZ, DK, EE, EL, HU, LV, LT, PT, SK, ES) along the Core and Comprehensive Network. The project foresees both the deployment of new recharging stations and the replacement of existing outdated recharging points not satisfying the requirement of the call in terms of recharging capacity and open-accessibility.
Electric large scale mobility hubs in Italy	IT	ATLANTE SRL	Unit contribution	17,200,000.00 €	The project is about to the deployment of 624 charging points of minimum power output of 150kW and 96 of 350 kW in 44 charging stations, 32 for LDVs and 12 for HDVs along the core network in Italy. It follows the Actions (21-IT-TG-Atlante4EU_IT-FR-ES and 21-IT-TG-Atlante4EU_PT and 21-IT-TG-ATLANTE4ALL), selected under previous AFIF cut-offs. The project includes also the installation of 32 photovoltaic systems in the charging stations for light duty vehicles.
Boosting Ultra-Fast Charging Network in Italy	IT	EDISON NEXT SPA	Unit contribution	5,220,000.00 €	The project aims to deploy a total of 174 recharging points in 47 locations across Italy, powered by 100% renewable energy. 134 recharging points will supply a power of 150 kW and 40 a power of 350 kW. The project aims to reduce gaps and disparities between Italian regions by mainly deploying 150kW recharging points in Southern and Central Italy, to foster e-vehicles uptake, while speeding up the emergence of a 350kW for Heavy Duty Vehicles in the network of Northern Italy.
CSP Zeebrugge Onshore Power Project	BE	Cosco Shipping Ports Zeebrugge	6,250,000.00 €	1,875,000.00 €	The objective of this project is to realise the deployment of a system for Onshore Power Supply (OPS) at the deep-sea container terminal of CSP Zeebrugge Terminal NV. The new OPS system will allow for maximum two simultaneous shore power connections, with a total combined power of 10 MW. Each connection will provide a dynamic, safe and reliable 6.6 kV power feed at a frequency of 50 Hz or 60Hz, with a maximum of 7 MW per berth. This entails the installation and commissioning of the following components: a power and frequency conversion installation, 8 shore connection boxes and cabling between the incoming feeder line.
Onshore Power Supply Cruise Terminal Zeebrugge	BE	HAVEN VAN ANTWERPEN-BRUGGE	10,563,380.00 €	3,169,014.00 €	The project aims to deploy a 10 MVA OPS installation and carry out preparatory work for a future installation of a 31 MVA OPS to be located at the cruise terminal at the Swedish Quay of the Zeebrugge platform of the port of Antwerp-Bruges.
Smart Electrification Infrastructure for the Urban Surface Transport in Madrid	ES	EMPRESA MUNICIPAL DE TRANSPORTES DE MADRID SA	51,200,180.00 €	15,360,054.00 €	The project consists in the electrification of two bus depots in Madrid: 1) 'Sancharino Operations Centre': 119 charging points (115 pantographs for charging the buses fleet and 4 for the electric station to be built in the vicinity); and 2) 'La Elipa Operations Centre': with the provision of 318 electric charging points (pantographs), including, for both bus depots, the low and medium voltage electric installations (substations).
INSPIRA MADRID	ES	FRV X RENEWABLE S.L.	24,615,570.00 €	7,384,671.00 €	The project aims at creating 5 HRSs and one hydrogen production plant in Madrid, Spain.
Air Products' European HRS Network	NL	AIR PRODUCTS NEDERLAND BV	46,260,710.00 €	13,878,213.00 €	The project is relating to the deployment of 5 Hydrogen refueling stations, 4 dedicated only to heavy duty vehicles and one serving also light duty vehicles in three Member States: Belgium (Ghent and Meent), Germany (Hürth and Meckenheim) and Spain (Sagunto), supplied with liquid hydrogen except for Hürth, with a 350 and 700 bar for 3 ton per day. The German HRSs will be primarily supplying public transport.
Electrification of Ground Operations at ANA	PT	ANA - AEROPORTOS DE PORTUGAL, SA	183,696,360.00 €	55,108,908.00 €	The eGOANA project will electrify the airside ground operations in 9 Portuguese airports handled by ANA Airports (Lisbon, Ponta, Faro, Madeira, Ponta Delgada, Horta, Porto Santo, Santa Maria, Flores). The project will install a total of 589 chargers for ground support equipment (GSE), 92 Preconditioned Air (PCA) units with 125 PCA plugs, 73 Ground Power Supply (GPS) units with 107 GPS plugs, and solar panels to decarbonize all airside ground operations.

NoRdic GreEn HydroGen Corridor ConnEcting Arctics to EuRoPe	FI	Vireon Hydrogen Oy	30,625,000.00 €	9,187,500.00 €	The proposal aims at creating 4 HRSs in Finland and 3 HRS in Denmark. It includes an electrolyser as synergetic element.
Conversion of Perrache-Confluence bus depot to electric bus charging	FR	SYTRAL MOBILITES	13,145,910.00 €	3,943,773.00 €	The UTPC e-bus project envisages the complete conversion of the Perrache-Confluence bus depot from 88 diesel to electric buses. Five main steps are required: installation of energy delivery, transformation and distribution infrastructures and associated supervision system; installation of charging points and associated supervision system; building adaptation and grid connection. This project is part of SYTRAL multi-annual investment plan for 2021-2026 which aims to acquire about 400 low carbon emission buses to significantly reduce the environmental impact of its bus and trolleybus fleet. The acquisition of part of the 400 buses planned to be acquired is covered by an ongoing Action (2019-FR-TM-0380-W).
AMP airside decarbonisation thanks to electrical alternative solutions	FR	Aéroport Marseille Provence	6,762,250.00 €	2,028,675.00 €	The project consists in deploying 8 PreConditioned Air (PCA) units to decarbonised air conditioning supply to aircrafts during stopovers, and to create two new airside areas dedicated to recharging electric Ground Support Equipment (e-GSEs), including electric power grid capacity upgrade, at the Marseille Provence airport.
Aircraft Stand Electrification at Lyon Saint-Exupéry Airport (LYS)	FR	AEROPORTS DE LYON	65,832,810.00 €	19,749,843.00 €	The main objective of the project is the decarbonization of the full chain of airside ground operations by deploying: 82 charging stations for utility vehicles, ground support equipment, and airside passenger buses; 57 Preconditioned Air Units (PCA), including 10 mobiles eACUs; 32 Ground Power Supply units with 400Hz; and solar power plant to provide green electricity to the airside infrastructures (5MWp).
Installation of electric recharging points for handler equipments	FR	Aéroport de Bâle-Mulhouse	4,134,160.00 €	1,150,152.00 €	This zero-emission project for air transport consists of the electrification of the Basel-Mulhouse airport ground operations. New infrastructures for recharging new electric Ground Support Equipment (GSE) will be built in 6 locations of the airport.
Electrification of ground airside operations at Bordeaux-Mérignac Airport (BOD)	FR	Aéroport de Bordeaux-Mérignac (ADBM), SA	6,585,200.00 €	1,975,560.00 €	The eBOD project aims at greening the airside ground activities at Bordeaux-Mérignac airport focusing on the deployment of Preconditioned Air units (PCA) and Ground Power Supply (GPS) 400Hz and 50Hz sockets for contact and remote stands. In particular, the project will deploy: a) Infrastructure to provide 50 Hz electricity on the 29 aircraft stands of the airport (GPS), b) 2x aircraft stand with fixed 400 Hz, c) 8x aircraft stand with fixed PCA, d) 1x aircraft stand with fixed PCA + 400Hz, e) 16x movable combo equipment (400 Hz + PCA).
Infrastructure works at the Saint-Pierre bus depot for the electrification of the Marseille bus fleet	FR	Régie des Transports Métropolitains	17,800,000.00 €	5,340,000.00 €	The project consists in the electrification of the Saint-Pierre public bus depot in Marseille, with the following works: the installation of 20kv distribution substations, the installation of distribution network and transformers, and the installation of recharging infrastructure with 50 bus recharging stations.
Global electrification of Airside operations at NantEs	FR	Aéroports du Grand Ouest	14,824,670.00 €	4,447,401.00 €	The main objective of the project is the decarbonization of the full chain of airside ground operations by deploying: 100 charging stations for utility vehicles, ground support equipment, and airside passenger buses; 12 Preconditioned Air Units to supply air conditioning to stationary aircrafts; 12 Ground Power Supply units with 400Hz to supply electrical power to stationary aircrafts.
GreenH2forAll - Part 2. Expansion of a network of Renewable Hydrogen Refueling Stations	FR	THEVENIN-DUCROT-DISTRIBUTION	16,234,200.00 €	4,870,260.00 €	The project will deploy 3 renewable Hydrogen Refuelling Stations in France (Bussy St Georges, Montmarault, Brignoles) and one electrolyser producing green hydrogen.
Deploying the first hydrogen production and distribution facilities for heavy vehicles in the Metz Metropolitan area	FR	H2 METZ	11,368,000.00 €	3,410,400.00 €	The project aims to set up a hydrogen refuelling station (HRS), including a hydrogen production facility located in the south of the Metz metropolitan area. The hydrogen production facility is expected to produce approximately 800 kg of green hydrogen per day and the HRS is envisaged to supply heavy vehicles.
Hydrogen Stations Along the European ten-t Corridors, with 3 NEW stations of 1 TON	FR	HYPULSION SAS	12,970,000.00 €	3,891,000.00 €	The HYSAEC NEWTON project aims to accelerate the decarbonization of intensive mobility in the Auvergne-Rhône-Alpes region (AURA). It is part of the larger HYPulsion global action of deploying 17 lowland and 1 "mountain" stations and consists of developing 3 hydrogen refueling stations of 1 t/day on the TEN-T core network in Reyrieux, Modane and Saint-Etienne. This project is the continuation of an ongoing action 2017-FR-TM-0052-W - Zero Emission Valley (ZEV).
Renewable H2 ecosystem for urban mobility and long-haul transportation in Limoges, France	FR	LHYMO	7,343,000.00 €	1,210,200.00 €	This project aims at installing one Hydrogen refuelling Station and associated electrolyser in Limoges (France) with electricity generated from renewable energy sources. The station will be designed with a 1MW (400 kg/day) capacity for the electrolyser. The station will be located on the TEN-T Atlantic corridor.
Electrification of Ground Operations at FCO-CIA Airports	IT	AEROPORTI DI ROMA SPA	17,749,830.00 €	1,939,775.00 €	The project aims to install 426 electric vehicle supply points in the airside areas of Fiumicino airport and 27 supply points in the airside areas of Ciampino airport between 2024 and 2026. To support these new power needs, the project also foresees an update of both airports' electrical infrastructure.
Venice Airport Electrification and Mobility Enhancement	IT	SAVE SpA	4,592,980.00 €	1,377,894.00 €	The project is relating to the decarbonisation of ground operations of the core airport of Venice. It has four main objectives : 1) the Upgrade of 400 Hz converters and Pre-Conditioning Air (PCA) Machines (9 passengers boarding bridges); 2) the construction of new 400 Hz connection points in aprons currently lacking this service; 3) Implement an electric car charging network with 7 Charging stations of 22kW; and 4) installing battery-powered mobile Ground Power Units (GPUs).
Expanding bus public transport recharging infrastructure in The Netherlands	NL	QBUZZ B.V.	15,756,000.00 €	4,726,800.00 €	The project aims to install 188 new EV charging points (360 kW) at 5 bus depots in the nodes of Groningen, Utrecht, Alphen aan de Rijn and Gouda on the North Sea – Baltic corridor.
Electrification Airside Schiphol Zero Emission	NL	SCHIPHOL NEDERLAND BV	67,632,780.00 €	20,289,834.00 €	The project aims to contribute to the decarbonisation of the airside infrastructure and activities of the Amsterdam Airport Schiphol (AAS) and the Rotterdam-The Hague Airport (RTHA), with the deployment of fixed and mobile ground electric power units for stationary aircraft ground operations, Preconditioned Air units, recharging points for airside mobile equipment, cars and vans, and upgrade of the electric grid capacity supply (transformer stations and batteries).

424,636,307.00 €