

EUROPEAN PPP EXPERTISE CENTRE

Public-private partnerships financed by the European Investment Bank

from 1990 to 2021

February 2022



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Purpose and Methodology

This report is part of EPEC's work on monitoring developments in the public-private partnership (PPP) market. It is intended to provide an overview of the role played by the EIB in financing PPP projects inside and outside of Europe since 1990.

This report covers a wide range of PPP transactions (e.g. design-build-finance-operate, design-build-finance-maintain, concession arrangements which feature a construction element, the provision of a public service and risk sharing between the public and private sector), regardless of the type of financing provided by the EIB (e.g. project finance, sovereign lending). Portfolio loans to small PPP projects and investments in equity PPP funds are not listed in this report.

The term "amount" represents the lending commitment of the EIB at the date of signature of the main loan contract. In some cases, this amount is the aggregate of a series of loan contracts for the same project. The commitment amounts may differ from the actual amounts disbursed. EPEC continues to review project data and update historic information on an ongoing basis and incorporates any identified changes in this annual update.

Project data contained in this publication may be subject to future revisions due to the late availability of information or corrections to previously reported values.

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2021

Country	PPP Project	Sector	Amount (EUR million)
AUSTRIA	Vienna School Campus PPP (Rappachgasse & Landgutgasse) ¹	Education	43
BULGARIA	Sofia Airport Concession	Transport	40
GERMANY	German Rolling Stock - Regensburg Donautal	Transport	87
GERMANY	Innovative Trains - North East Germany	Transport	92
ITALY	Pedemontana Lombarda Toll Motorway PPP	Transport	544
LATVIA	Kekava Bypass (E67/A7) ²	Transport	61
POLAND	Olsztyn Waste-to-Energy Plant ³	Environment	44
UZBEKISTAN	Uzbekistan Solar IPP	Energy	44

2020

Country	PPP Project	Sector	Amount (EUR million)
FINLAND	Espoo Schools Project ⁴	Education	60
GERMANY	Autobahn A49 Fritzlar-Ohmtal Dreieck ⁵	Transport	264
GERMANY	Autobahn A3 Biebelried - Furth Erlangen ⁶	Transport	400
ISRAEL	Sorek II Desalination Plant	Environment	150

¹ The project is supported by the European Fund for Strategic Investments

² The project is supported by the European Fund for Strategic Investments

³ The project is supported by the European Fund for Strategic Investments

⁴ The project is supported by the European Fund for Strategic Investments

⁵ The project is supported by the European Fund for Strategic Investments

⁶ The project is supported by the European Fund for Strategic Investments

2019

Country	PPP Project	Sector	Amount (EUR million)
AUSTRIA	Vienna Schools Campus PPP (Aron Menczer & Aspern)	Education	47
BELGIUM	Tram de Liège ⁷	Transport	193
GERMANY	Netz Elbe Spree Rolling Stock ⁸	Transport	169
GREECE	New Heraklion International Airport (Kasteli)	Transport	180
IRELAND	Irish Social Housing Programme (Bundle 1) ⁹	Housing & Community Services	61
NETHERLANDS	A9 Amsterdam ¹⁰	Transport	349
SENEGAL	Scaling Solar PV Senegal	Energy	13

⁷ The project is supported by the European Fund for Strategic Investments

⁸ The project is supported by the European Fund for Strategic Investments

⁹ The project is supported by the European Fund for Strategic Investments

¹⁰ The project is supported by the European Fund for Strategic Investments

2018

Country	PPP Project	Sector	Amount (EUR million)
CAMEROON	Nachtigal Hydropower Plant	Energy	50
FRANCE	Strasbourg West Bypass A355 ¹¹	Transport	229
GERMANY	Autobahn A10 A24 Neuruppin - Pankow ¹²	Transport	258
IRELAND	Grangegorman Campus	Education	110
JORDAN	Red Sea Dead Sea Phase 1	Environment	30
MEXICO	Mexico First Renewable Energy Auctions	Energy	73
NETHERLANDS	Blankenburg Tunnel ¹³	Transport	328
NETHERLANDS	Flood Defence ¹⁴	Environment	326
ZAMBIA	Scaling Solar PV Zambia I	Energy	10

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¹² The project is supported by the European Fund for Strategic Investments

¹³ The project is supported by the European Fund for Strategic Investments

¹⁴ The project is supported by the European Fund for Strategic Investments

2017

Country	PPP Project	Sector	Amount (EUR million)
AUSTRIA	Vienna School Campus Berresgasse ¹⁵	Education	22
FRANCE	Nord Pas de Calais Broadband ¹⁶	Telecommunications	185
GERMANY	A7 Salzgitter - Goettingen	Transport	213
GREECE	Greek Regional Airports ¹⁷	Transport	280
ITALY	Treviso Hospital Refurbishment ¹⁸	Transport	68
MONGOLIA	Sainshand Onshore Wind Project	Energy	40
TURKEY	Bursa Integrated Health Campus	Healthcare	150

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¹⁷ The project is supported by the European Fund for Strategic Investments

¹⁸ The project is supported by the European Fund for Strategic Investments

2016

Country	PPP Project	Sector	Amount (EUR million)
FRANCE	Alsace Broadband ¹⁹	Telecommunications	63
GERMANY	A6 Wiesloch - Rauenberg to Weinsberg Motorway ²⁰	Transport	299
	A94 Motorway	Transport	158
IRELAND	N25 New Ross Road Bypass ²¹	Transport	22
	Primary Care Bundle ²²	Healthcare	70
NETHERLANDS	A6 Almere Motorway ²³	Transport	79
SLOVAKIA	D4/R7 Motorway ²⁴	Transport	427
TURKEY	Gaziantep Health Campus	Healthcare	120
UNITED KINGDOM	Priority Schools Building Programme - Yorkshire	Education	72

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²⁴ The project is supported by the European Fund for Strategic Investments

2015

Country	PPP Project	Sector	Amount (EUR million)
FINLAND	Hamina - Vaalimaa E18 Motorway Section	Transport	102
FRANCE	Calais Port ²⁵	Transport	50
GREECE	Western Macedonia Waste	Environment	13
IRELAND	M11 Gorey to Enniscorthy Motorway	Transport	109
ISRAEL	Negev Solar Thermal Plant	Energy	141
NETHERLANDS	Ijmuiden Sealock	Transport	163
UNITED KINGDOM	Dumfries and Galloway Hospital	Healthcare	155
	Edinburgh Hospital for Sick Children and Clinical Neurosciences	Healthcare	112
	Midland Metropolitan Hospital ²⁶	Healthcare	148
	Papworth Hospital	Healthcare	65
	Priority Schools Building Programme - North East	Education	65
	Priority Schools Building Programme - Hertfordshire, Luton and Reading	Education	88
	Priority Schools Building Programme - North West	Education	69
	Priority Schools Building Programme - Midlands	Education	88

²⁵ The project is supported by the EIB/EC Project Bond Initiative

²⁶ The project is supported by the European Fund for Strategic Investments

2014

Country	PPP Project	Sector	Amount (EUR million)
AUSTRIA	Zwettl Road Bypass	Transport	29
BELGIUM	A11 Brugge - Zeebrugge Motorway ²⁷	Transport	260
GERMANY	A7 Bordesholm - Hamburg Motorway ²⁸	Transport	157
	University Hospital of Schleswig-Holstein	Healthcare	400
GREECE	Attica Schools (Bundles I and II)	Education	36
IRELAND	N17 - N18 Motorway	Transport	143
ITALY	Milan Metro 4	Transport	300
	Milan Eastern Ring Road	Transport	700
NETHERLANDS	A9 Gaasperdammerweg Motorway	Transport	201
UNITED KINGDOM	Aberdeen Western Peripheral Route	Transport	340
	Intercity Express Programme II	Transport	283
	M8 Motorway	Transport	212
	North Yorkshire and York Waste	Environment	196

²⁷ The project is supported by the EIB/EC Project Bond Initiative

²⁸ The project is supported by the EIB/EC Project Bond Initiative

2013

Country	PPP Project	Sector	Amount (EUR million)
CROATIA	Airport Expansion Zagreb	Transport	80
FRANCE	Rocade L2 Marseille	Transport	155
GERMANY	Hochtaunus Kliniken	Healthcare	49
IRELAND	N11- N7 Motorway	Transport	72
ITALY	Autostrada BreBeMi	Transport	700
JORDAN	Tafila Wind Farm	Energy	53
NETHERLANDS	A1 A6 Motorway	Transport	256
SPAIN	Autovia A66 Benavente - Zamora	Transport	96
	Hospital de Vigo	Healthcare	180
UNITED KINGDOM	Alder Hey Hospital	Healthcare	63
	City of Glasgow College	Education	95
	Royal Liverpool Hospital	Healthcare	108
	Thameslink Rolling Stock	Transport	498

2012

Country	PPP Project	Sector	Amount (EUR million)
CAMEROON	Kribi Gas Fired Power Project	Energy	30
FRANCE	Contournement Nîmes - Montpellier	Transport	306
IRELAND	Irish Schools Bundle III	Education	50
SOUTH AFRICA	Khi Solar One Project	Energy	50
SPAIN	Madrid-Alicante High Speed Train Signalling and Telecommunications	Transport	78
TURKEY	EurAsia Tunnel	Transport	270
UNITED KINGDOM	Intercity Express Programme	Transport	291

2011

Country	PPP Project	Sector	Amount (EUR million)
FINLAND	E18 Koskenkylä - Kotka Priority	Transport	134
FRANCE	LGV Bretagne - Pays de la Loire	Transport	638
	LGV Sud Europe Atlantique ²⁹	Transport	1186
	Autoroute A63	Transport	184
GERMANY	A8 Motorway Augsburg - Ulm ³⁰	Transport	209
ISRAEL	Sorek Desalination Plant	Environment	142
ISRAEL	Mekorot Ashdod Desalination Plant	Environment	120
JAMAICA	Jamaica Toll Road	Transport	39
SPAIN	Gipuzkoa Waste Management	Environment	195
	Malaga - Las Pedrizas Motorway	Transport	130
	Hospital de Burgos	Healthcare	128
UNITED KINGDOM	Nottingham Express Transit	Transport	129

²⁹ The project is supported by the loan guarantee instrument for Trans-European Network Transport projects (LGTT)

³⁰ The project is supported by the loan guarantee instrument for Trans-European Network Transport projects (LGTT)

2010

Country	PPP Project	Sector	Amount (EUR million)
CAPE VERDE	Cape Verde Wind Power	Energy	30
FRANCE	GSM - Railway	Transport	280
IRELAND	Irish Schools	Education	45
NETHERLANDS	A15 Motorway: Maasvlakte - Vaanplein	Transport	140
	A12 Motorway: Lunetten - Veenendaal	Transport	74
POLAND	A1 Motorway: Strykow - Pyrzowice	Transport	225
PORTUGAL	Pinhal Interior Motorway	Transport	345
SPAIN	Zaragoza Tramway	Transport	175
	C-25 Motorway - Eix Transversal ³¹	Transport	300
	Barcelona Metro - Line 9	Transport	400
	Rolling Stock for Madrid Metro Network	Transport	188
SWEDEN	New Karolinska University Hospital	Healthcare	699
UNITED KINGDOM	Southmead Hospital	Healthcare	287

³¹ The project is supported by the loan guarantee instrument for Trans-European Network Transport projects (LGTT)

2009

Country	PPP Project	Sector	Amount (EUR million)
DOMINICAN REPUBLIC	BTA Toll Road	Transport	30
GERMANY	A5 Motorway Widening ³²	Transport	225
GREECE	Hellenic Fire Service	Public order and safety	9
JORDAN	South North Water Conveyor	Environment	166
PORTUGAL	University Hospital of Braga	Healthcare	65
	Baixo Alentejo Motorway ³³	Transport	225
SPAIN	Hospital Son Dureta	Healthcare	130
TUNISIA	Aeroport Enfidha	Transport	70
UNITED KINGDOM	BSF Education	Education	243
	Enniskillen Acute Hospital	Healthcare	137
	M25 Motorway Widening	Transport	448
	Manchester Waste	Environment	195
	M80 Motorway	Transport	158

³² The project is supported by the loan guarantee instrument for Trans-European Network Transport projects (LGTT)

³³ The project is supported by the loan guarantee instrument for Trans-European Network Transport projects (LGTT)

2008

Country	PPP Project	Sector	Amount (EUR million)
BELGIUM	Liefkenshoek Rail Tunnel	Transport	313
FRANCE	Tram network of Reims	Transport	108
	A88 Motorway: Falaise West - Sées	Transport	103
	A19 Motorway: Courtenay - Artenay	Transport	200
GREECE	E-K-P-P-T Motorway	Transport	200
HUNGARY	M6 Motorway: Dunaujvaros - Szekszard	Transport	200
ITALY	Rome Fiumicino Airport	Transport	80
	Turin Waste Incinerator	Environment	273
MOROCCO	Port De Tanger Deuxième Terminal	Transport	40
NETHERLANDS	Second Coen Tunnel	Transport	194
POLAND	A1 Motorway: Nowe Marzy - Torun	Transport	575
PORTUGAL	Transmontana	Transport	289
	A4/IP4 Motorway: Amarante - Vila Real ³⁴	Transport	200
	IC 24 Motorway Douro Litoral	Transport	350
SPAIN	National Expressways Improvements	Transport	211
UNITED KINGDOM	Dumfries & Galloway Schools	Education	79

³⁴ The project is supported by the loan guarantee instrument for Trans-European Network Transport projects (LGTT)

2007

Country	PPP Project	Sector	Amount (EUR million)
FRANCE	Millau Viaduct	Transport	143
GERMANY	A4 Motorway: Eisenach Bypass	Transport	89
GREECE	K-T-K A7 Motorway: Tripoli - Kalamata	Transport	150
IRELAND	M50 Motorway: Dublin bypass	Transport	120
	M7 - M8 Motorways: Casteltown - Portlaoise - Cullahill	Transport	116
	N6 Carriageway: Galway - Ballinasloe	Transport	70
ISRAEL	Hadera Desalination Plant	Environment	120
PORTUGAL	Road Network in the Azores	Transport	180
	IC16 - IC30 Greater Lisbon Roads	Transport	105
SPAIN	Metro Train Sets for Madrid Region	Transport	306
UGANDA	Bujagali Hydroelectric	Energy	92
UNITED KINGDOM	A1 and A4/A5 Road Corridors Upgrade	Transport	169
	Newcastle Schools	Education	79
	Wakefield Hospitals	Healthcare	221
	North Staffordshire Hospitals	Healthcare	227
	Forth Valley Acute Hospital	Healthcare	190

2006

Country	PPP Project	Sector	Amount (EUR million)
AUSTRIA	Ostregion	Transport	350
BELGIUM	Brussels Wastewater Treatment	Environment	96
GHANA	West African Gas Pipeline	Energy	75
IRELAND	M7 Limerick Southern Ring Motorway	Transport	98
	Waterford Toll Road	Transport	75
NORWAY	E18 Motorway: Grimstad - Kristiansand	Transport	198
SPAIN	Expressway: Reus - Alcover	Transport	26
	Expressway: Cuellar - Valladolid	Transport	46
	Light Railway Network in Malaga	Transport	325
UNITED KINGDOM	Cornwall Waste	Environment	120
	Birmingham Hospital	Healthcare	365
	St Helens And Knowsley Hospitals	Healthcare	218
	Northern Ireland Water	Environment	85
	Royal London Barts Hospitals	Healthcare	359
	Scottish Highland Schools	Education	88
	M1 and M2 Motorways	Transport	90

2005

Country	PPP Project	Sector	Amount (EUR million)
FINLAND	E18 Motorway: Muurla - Lohja	Transport	153
HUNGARY	M6 Motorway: Budapest - Dunaújváros	Transport	200
ITALY	Mestre Hospital	Healthcare	70
POLAND	A1 Motorway Gdansk - Nowe Marzy	Transport	500
SPAIN	Expressway: Santiago - Brion	Transport	54
UNITED KINGDOM	Argyll and Bute Schools	Education	81
	North Lanarkshire Schools	Education	103
	Woolwich Arsenal Rail Extension	Transport	148
	Newcastle Hospital	Healthcare	167

2004

Country	PPP Project	Sector	Amount (EUR million)
AUSTRIA	Europpass LKW Maut	Transport	48
IRELAND	M8 Motorway Fermoy	Transport	65
	M1 Motorway: Dundalk Bypass	Transport	65
ITALY	Water Infrastructure - Arezzo	Environment	44
NETHERLANDS	N31 Motorway: Leeuwarden - Nijega	Transport	25
NORWAY	E39 Trunk Road	Transport	75
PORTUGAL	Litoral Centro Motorway: Marinha Grande - Mira	Transport	264
SPAIN	Los Vinedos Motorway: Toledo - Tomelloso	Transport	143
	Light Metro Line in Greater Seville	Transport	260
UNITED KINGDOM	Manchester Hospitals	Healthcare	251
	Cornwall Schools	Education	35
	North East London Hospitals	Healthcare	142

2003

Country	PPP Project	Sector	Amount (EUR million)
AUSTRIA	Graz Intermodal Freight Centre	Transport	40
IRELAND	M4 Motorway: Kinnegad - Kilcock	Transport	103
	National Maritime College	Education	29
	Irish Schools	Education	38
NETHERLANDS	Wastewater Treatment Delfland	Environment	125
SPAIN	R-3 and R-5 Motorways serving Madrid	Transport	300
	Tram System in Greater Barcelona	Transport	125
	R-4 Motorway: Madrid - Ocaña	Transport	360
UNITED KINGDOM	A1 Motorway: Darrington - Dishforth	Transport	167
	Blackburn Hospital	Healthcare	72
	Rotherham Schools	Education	70
	London Underground - Phase 2	Transport	880

2002

Country	PPP Project	Sector	Amount (EUR million)
GERMANY	Rostock Road Tunnel	Transport	105
PORTUGAL	Greater Oporto Motorway	Transport	300
SPAIN	R-2 Motorway: Madrid - Guadalajara	Transport	120
	Motorway: Pampelona - Logroño	Transport	175
UNITED KINGDOM	London Underground	Transport	470
	London Underground's Electricity Network	Energy	71

2001

Country	PPP Project	Sector	Amount (EUR million)
GERMANY	Travequerung (Herrentunnel)	Transport	80
NETHERLANDS	HSL Zuid	Transport	400
PORTUGAL	Algarve Motorway	Transport	130
	Beira Litoral/Beira Alta Motorway	Transport	470
SOUTH AFRICA	N4 Platinum Toll Highway	Transport	50
SPAIN	Tramway in the Barcelona Metropolitan area	Transport	136
	AP71 Motorway: Leon - Astorga	Transport	42
	Motorway: A6 - Avila	Transport	100
UNITED KINGDOM	Edinburgh Schools	Education	59
	Kirklees Schools	Education	40
	Dudley Hospitals	Healthcare	113

2000

Country	PPP Project	Sector	Amount (EUR million)
GREECE	Rion-Antirion Bridge	Transport	370
POLAND	A2 Motorway: Southern Poznan Section	Transport	275
PORTUGAL	Interior Norte Motorway	Transport	324
	Costa Da Prata Motorway	Transport	190
SPAIN	M-45 Motorway: Madrid Urban Motorway	Transport	149
	Motorway Shadow Toll Road: Murcia Region	Transport	13
UNITED KINGDOM	Glasgow Schools	Education	166
	Sheffield Schools	Education	46
	A13 Road: Limehouse - Wennington	Transport	150

1999

Country	PPP Project	Sector	Amount (EUR million)
CHINA	Chengdu BOT Water Treatment Plant	Environment	25
GERMANY	Weser Tunnel	Transport	98
	Engelbergbasistunnel	Transport	173
PORTUGAL	Chaves Motorway	Transport	450
	SCUT Beira Interior ³⁵	Transport	404
	Aguas de Santa Maria da Feira	Environment	80
SOUTH AFRICA	N3 Toll Road	Transport	45

³⁵ This financing comprises an ex European Investment Fund guarantee for a European Investment Bank loan for an amount of €45.3 million

1998

Country	PPP Project	Sector	Amount (EUR million)
MOROCCO	Parc Eolien De Tetouan	Energy	20
PORTUGAL	Leira Motorway ³⁶	Transport	240
UNITED KINGDOM	Falkirk Schools (Scotland)	Education	56
	Channel Tunnel Rail Link	Transport	290
	Porterbrook Rolling Stock	Transport	172
	Welsh Roads - A55	Transport	81

1997

Country	PPP Project	Sector	Amount (EUR million)
DENMARK	Oeresund Link 2	Transport	1088
GERMANY	The Fourth Tube Elbe Tunnel 1&2	Transport	355
UNITED KINGDOM	Scottish Roads - M6	Transport	122

1996

Country	PPP Project	Sector	Amount (EUR million)
DENMARK	Great Belt Link 4	Transport	1069
GREECE	Essi Motorway 1 & 2	Transport	1027
	New Athens International Airport	Transport	999
UNITED KINGDOM	Channel Tunnel Rail Link UK	Transport	119
	UK Roads ³⁷	Transport	297

³⁶ This financing comprises an ex European Investment Fund guarantee for a European Investment Bank loan for an amount of €30.9 million

³⁷ This financing comprises an ex European Investment Fund guarantee for a European Investment Bank loan for an amount of €60.2 million

1995

Country	PPP Project	Sector	Amount (EUR million)
DENMARK	Oeresund Link	Transport	677
PORTUGAL	Second Bridge Rodoviaria	Transport	306

1994

Country	PPP Project	Sector	Amount (EUR million)
DENMARK	Great Belt Link 3	Transport	784

1993

Country	PPP Project	Sector	Amount (EUR million)
DENMARK	Great Belt Link 2	Transport	398
UNITED KINGDOM	Skye Bridge	Transport	17

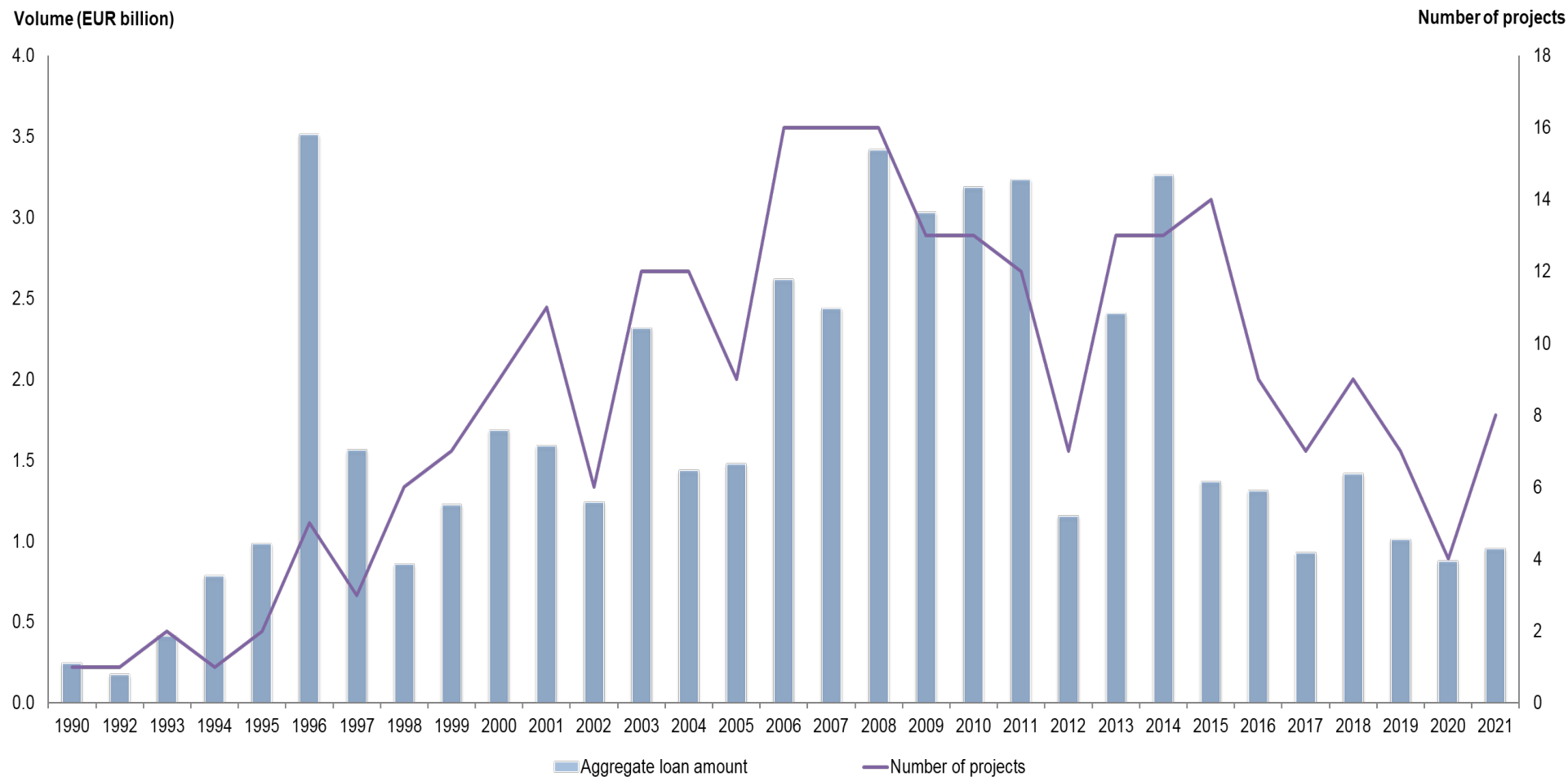
1992

Country	PPP Project	Sector	Amount (EUR million)
UNITED KINGDOM	Second Severn Crossing	Transport	176

1990

Country	PPP Project	Sector	Amount (EUR million)
DENMARK	Great Belt Link	Transport	246

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