entsog
european network of transmission system operators for gas

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TYNDP 2018 MAP

TEN-YEAR NETWORK DEVELOPMENT PLAN PROJECTS

KEYS

Cross-border points / intra-country or intra balancing zone points

- Cross-border interconnection point within Europe or export point to non-EU country
- Cross-border interconnection point within Europe or export point to non-EU country *Under construction or Planned*
- Cross-border interconnection point with third country (import)
- Cross-border third country (import) *Under construction or Planned*
- Intra-country or intra balancing zone points
- Third country cross-border interconnection point

Gas Reserve areas

- Drilling platform
- Gas field

Countries

- ENTSOG Member Countries
- ENTSOG Associated Partner
- ENTSOG Observers
- Other Countries

ENTSOG currently comprises 45 TSO members,
3 Associated Partners from 27 European Countries and 8 Observers

When the same point is affected by several projects, the point is shown with the highest project status (operational, FID, advanced, non-FID), the status from single projects can vary from that.

The projects are shown with the planning status reported in their TYNDP 2018 submission.

All data provided on this map is for information purposes and shall be treated as indicative and non-contractual in nature, without pre-empting different outcomes of any possible discussion held at regional level. Under no circumstances shall it be regarded as information intended for commercial use.

polaris corridor — scale = 1 : 8.000.000 — Map version : December 2018

Transport by pipeline

Pipeline diameters :
- Diameter < 600 mm
- Diameter 600 - 900 mm
- Diameter > 900mm

Project categories :
- FID projects
- Non-FID, advanced projects
- Non-FID, non-advanced projects

Project is part of 3rd PCI list :
- FID projects
- Non-FID, advanced projects
- Non-FID, non-advanced projects

Project identification :
- TRA-N-345 — ENTSOG project code

LNG Terminals and Plants
- LNG Terminal/ entry point intra transmission system *Operational*
- LNG Plants' export point

Project categories :
- FID projects
- Non-FID, advanced projects
- Non-FID, non-advanced projects

Project is part of 3rd PCI list :
- FID projects
- Non-FID, advanced projects
- Non-FID, advanced export projects
- Non-FID, non-advanced projects

Project identification :
- TRA-N-345 — ENTSOG project code

Storage facilities
- Acquifer
- Salt cavity - cavern
- Depleted (Gas) field on shore / offshore
- Other type — Unknown

Project categories :
- FID projects
- Non-FID, advanced projects
- Non-FID, non-advanced projects

Project is part of 3rd PCI list :
- FID projects
- Non-FID, advanced projects
- Non-FID, non-advanced projects

Project identification :
- TRA-N-345 — ENTSOG project code

Compressor stations

Project categories :
- FID projects
- Non-FID, advanced projects
- Non-FID, non-advanced projects

Project is part of 3rd PCI list :
- FID projects
- Non-FID, advanced projects
- Non-FID, non-advanced projects

Project identification :
- TRA-N-345 — ENTSOG project code

Project ENTSOG codes / color :

TRA-N-000 Project is part of 3rd PCI list

TRA-N-000 Project is not part of 3rd PCI list

Project not (yet) marked on map — TRA-N-423 | GCA Mosonmagyaróvár | GAS CONNECT AUSTRIA | Advanced | PCI

Project ENTSOG code | Project Name | Project Promoter | Project status codes

Project status codes :

PCI status (Project of Common Interest) : FID | Advanced | Non-FID

FID status (Final Investment Decision) : PCI | Non-PCI

Advanced status is applied to all projects that, based on the information submitted, have:
- commissioning year expected at the latest by 31st December of the year of the TYNDP project data collection + 6 *(e.g. 2024 in case of TYNDP 2018, for which projects are collected in 2018)*
- and whose permitting phase has started ahead of the TYNDP project data collection - OR - FEED has started *(or the project has been selected for receiving CEF grants for FEED ahead of the TYNDP project data collection)*

TRANSPORT BY PIPELINES (INCL. COMPRESSOR STATIONS)

TRA-F-004	Trans Adriatic Pipeline	FID	PCI
TRA-F-007	Interconnection Bulgaria - Serbia	FID	PCI
TRA-F-008	Poland - Slovakia interconnection (Slovak section)	FID	PCI
TRA-F-012	Gas Interconnection Poland-Lithuania (GIPL) - PL section	FID	PCI
TRA-F-013	TANAP - Trans Anatolian Natural Gas Pipeline Project	FID	PCI
TRA-F-014	North - South Gas Corridor in Western Poland	FID	PCI
TRA-F-015	Poland - Slovakia Gas Interconnection (PL section)	FID	PCI
TRA-F-016	Romanian-Hungarian reverse flow	FID	PCI
TRA-F-017	Bulgarian-Romanian Interconnection and expansion of the National Transmission System	FID	PCI
TRA-F-018	Compressor station 1 at the Croatian gas transmission system	FID	PCI
TRA-F-019	Gas Interconnection Poland-Lithuania (GIPL) - LT section	FID	PCI
TRA-F-020	Interconnector Turkey-Bulgaria (ITB) - Bulgarian section	FID	PCI
TRA-F-038	Interconnector Greece-Bulgaria (IGB Project)	FID	PCI
TRA-F-039	Balticconnector	FID	PCI
TRA-F-040	Enhancement of Estonia-Latvia interconnection	FID	PCI
TRA-F-041	Balticconnector Finnish part	FID	PCI
TRA-F-042	Metering and Regulating station at Nea Messimvria	FID	PCI
TRA-F-043	South Caucasus Pipeline - (Future) Expansion - SCP-(FX)	FID	PCI
TRA-F-044	EUSW	FID	Non-PCI
TRA-F-045	VIS Werlte/gen	FID	Non-PCI
TRA-F-046	Capacity4Dan - DE/CZ	FID	Non-PCI
TRA-F-047	Capacity increase at IP Lanzhot entry	FID	Non-PCI
TRA-F-048	Capacity4Dan - CZ/SK	FID	Non-PCI
TRA-F-049	Nord Stream 2	FID	Non-PCI
TRA-F-050	TAG Reverse Flow	FID	Non-PCI
TRA-F-051	Alfamic - Kosovo Gas Pipeline	FID	Non-PCI
TRA-N-098	TAP Interconnection	FID	Non-PCI
TRA-F-052	Interconnection with production in Gela	FID	Non-PCI
TRA-F-053	Compressor Station Kruonis/kaunas	FID	Non-PCI
TRA-N-099	Poseidon Pipeline	Advanced	PCI
TRA-N-100	Interconnector Greece-Czech Interconnector (IGC) Greece (IP-Lanzhot)	Advanced	PCI
TRA-N-101	Connection of Malta to the European Gas Network	Advanced	PCI
TRA-N-102	LNG terminal in northern Greece / Alexandroupolis LNG (FEED)	Advanced	PCI
TRA-N-103	LNG evacuation pipeline (new Avdiivka-Isiak-Ananiv-Odessa)	Advanced	PCI
TRA-N-104	Interconnection Turkey-Greece-Italy (ITGI)	Advanced	PCI
TRA-N-105	LNG evacuation pipeline Omišalj - Zlobin (Croatia)	Advanced	PCI
TRA-N-106	CS Kiskőrös, 2nd phase of upgrade	Advanced	PCI
TRA-N-107	R1671 Pitvaros - Csanádpalota	Advanced	PCI
TRA-N-108	Vörumőtő CS	Advanced	PCI
TRA-N-109	Baumgarten - Reinthal/Reintal	Advanced	PCI
TRA-N-110	Bidirectional Austrian-Czech Interconnection (BACI)	Advanced	PCI
TRA-N-111	Czech-Polish Gas Interconnector (CPI)	Advanced	PCI
TRA-N-112	Interconnector of Gas off-take via CHP with reverse flow of biomass	Advanced	PCI
TRA-N-113	South Transit East Pyrenees (STEP) - ENAGAS	Advanced	PCI
TRA-N-114	South Transit East Pyrenees (STEP) - TEREGA	Advanced	PCI
TRA-N-115	Bantzen-French corridor: Eastern Axis - Midcat Project	Advanced	PCI
TRA-N-116	Poland - Denmark interconnector (Baltic Pipe) - Polish section	Advanced	PCI
TRA-N-117	Poland - Czech Republic interconnector (PL section)	Advanced	PCI
TRA-N-118	2nd IP between Portugal and Spain (eastern interconnection point)	Advanced	PCI
TRA-N-119	Slovenian-Hungarian interconnector	Advanced	PCI
TRA-N-120	GCA 2015/48 Ertry/Kiskundorozsma	Advanced	PCI
TRA-N-121	Development on the Romanian territory of the Southern Interconnection pipeline between Black Sea and Romanian-Hungarian border	Advanced	PCI
TRA-N-122	Upgrade of Murfatlar/Cardak interconnection	Advanced	PCI
TRA-N-123	Upgrade of Negru Voda interconnection	Advanced	PCI
TRA-N-124	GCA Mosonmagyaróvár	Advanced	PCI
TRA-N-125	LNG Conversion Belgium	Advanced	PCI
TRA-N-126	Loopings CS Veleti-Trzi - Line valve Novi Iskar	Advanced	PCI
TRA-N-127	Vienna-Oryahovo gas pipeline	Advanced	PCI
TRA-N-128	Construction of a Looping CS Ponvalis - Rupcha village	Advanced	PCI
TRA-N-129	Eastring - Slovakia	Advanced	PCI
TRA-N-130	Bantzen-French corridor: Eastern Axis - Midcat Project	Advanced	PCI
TRA-N-131	Baltic Pipe project - onshore section in Denmark	Advanced	PCI
TRA-N-132	Reverse flow at Interconnection point Oltchim/Rm.Valcea	Advanced	PCI
TRA-N-133	Compressor Station Kiyi	Advanced	PCI
TRA-N-134	Interconnection EL-PT (2nd IP) - 1st phase	Advanced	PCI
TRA-N-135	North - South Gas Corridor in Eastern Poland	Advanced	PCI
TRA-N-136	2nd IP between Portugal and Spain (Compressor Station) (western interconnection point with Compressor Station and)	Advanced	PCI
TRA-N-137	EastMed Pipeline	Advanced	PCI
TRA-N-138	Trans-Caspian	Advanced	PCI
TRA-N-139	Enhancement of Latvia-Lithuania Interconnection	Advanced	PCI
TRA-N-140	Enhancement of Latvia-Lithuania Interconnection (second part)	Advanced	PCI
TRA-N-141	Astypalaia 1 - gas - H-gas	Advanced	PCI
TRA-N-142	Enhancement of Transmission Capacity at Interconnection Point Kiefersfelden	Advanced	PCI
TRA-N-143	Enhancement of Transmission Capacity at Interconnection Point Oberkappel	Advanced	PCI
TRA-N-144	Eastring - Bulgaria	Non-FID	PCI
TRA-N-145	Eastring - Romania	Non-FID	PCI
TRA-N-146	Eastring - Hungary	Non-FID	PCI
TRA-N-147	Interconnection EL-PT (3rd IP) - 2nd phase	Non-FID	PCI
TRA-N-148	Vertis Vierverlängerung Ausbau	Non-FID	PCI
TRA-N-149	Further enlargement of the BG - RO - HU - AT Interconnection capacity	Non-FID	PCI
TRA-N-150	Compressor station at Nea Messimvria	Non-FID	PCI
TRA-N-151	MidMal Physical Reverse Flow	Non-FID	PCI
TRA-N-152	Metering and Regulating Station at Alexandroupoli	Non-FID	PCI
TRA-N-153	Metering and Regulating station at Megalopoli	Non-FID	PCI
TRA-N-154	Metering and Regulating Station at UGS South Kavala	Non-FID	PCI
TRA-N-155	Import developments from North East	Non-FID	PCI
TRA-N-156	Additional Southern developments	Non-FID	PCI
TRA-N-157	Ionnision-Thesprotia pipeline	Non-FID	PCI
TRA-N-158	System Enhancements - Evelmeth	Non-FID	PCI
TRA-N-159	Reverse capacity from Trieste to Gorizia at Okmajdhalk	Non-FID	PCI
TRA-N-160	White Stream	Non-FID	PCI
TRA-N-161	Physical Reverse Flow on South North Pipeline	Non-FID	PCI
TRA-N-162	CS Ajdovščina, 1st phase of upgrade	Non-FID	PCI
TRA-N-163	MS pipeline reconstruction from CS Ajdovščina to Šempeter/Gorizia	Non-FID	PCI
TRA-N-164	Interconnection Turkey-Bulgaria	Non-FID	PCI
TRA-N-165	Entry capacity expansion EATS terminal	Non-FID	PCI
TRA-N-166	Gospodinci Brod - Zemica	Non-FID	PCI
TRA-N-167	Developments for Revithia LNG terminal (Crete)	Non-FID	PCI
TRA-N-168	Developments for Fiumax (Corsica) LNG terminal	Non-FID	PCI
TRA-N-169	Interconnection Croatia-Bosnia and Herzegovina(east)	Non-FID	PCI
TRA-N-170	Interconnection Croatia-Slovenia (Lučko-Zagreb)	Non-FID	PCI
TRA-N-171	Interconnection with Slovenia	Non-FID	PCI
TRA-N-172	HU-UA Interconnector (Ukrainian section)	Non-FID	PCI
TRA-N-173	CS Rimpar	Non-FID	PCI
TRA-N-174	Transport of gas volumes to the Netherlands	Non-FID	PCI
TRA-N-175	Southern interconnection pipeline BHI/CRO	Non-FID	PCI
TRA-N-176	Additional capacity at OGE from DE to NL	Non-FID	PCI
TRA-N-177	Transforming 1 gas infrastructure to H-gas	Non-FID	PCI
TRA-N-178	Western interconnection BHI/CRO	Non-FID	PCI
TRA-N-179	Eschbil/Ludwigshafen (OTE) H-Gas	Non-FID	PCI
TRA-N-180	Embedding CS Fohnsdorf in H-Gas	Non-FID	PCI
TRA-N-181	GUD: Complete conversion to H-gas	Non-FID	PCI
TRA-N-182	Interconnection Macedonia-Serbia	Non-FID	PCI
TRA-N-183	New Mesotmnia to FYROM pipeline	Non-FID	PCI
TRA-N-184	Interconnection Macedonia-Bulgaria	Non-FID	PCI
TRA-N-185	Interconnection Macedonia-Greece	Non-FID	PCI
TRA-N-186	Compressor Station Kiyi increment	Non-FID	PCI
TRA-N-187	Mangalia - Masseria pipeline	Non-FID	PCI
TRA-N-188	Integration of the gas infrastructure between BG-TR and EU-GR	Non-FID	PCI
TRA-N-189	LNG Terminal Brunsbuettel - Grid Integration	Non-FID	PCI
TRA-N-190	Expansion WS Hethingen	Non-FID	PCI
TRA-N-191	MP GAS SYSTEM EXTRA - incremental capacity project	Non-FID	PCI
TRA-N-192	Zurrieq plant upgrade	Non-FID	PCI
TRA-N-193	Nm transmission capacity increase at the IP Velké Zlievce	Non-FID	PCI
TRA-N-194	Greece - Italy interconnection	Non-FID	PCI
TRA-N-195	Trans-Balkan Bi-directional Flow (Nickelatos phase)	Non-FID	PCI
TRA-N-196	CS Elbe	Non-FID	PCI
TRA-N-197	Romania-Serbia Interconnection	Non-FID	PCI
TRA-N-198	Compressor station at Nea Messimvria (2nd unit)	Non-FID	PCI
TRA-N-199	Compressor station at Ampelia	Non-FID	PCI

LNG IMPORT TERMINALS

LNG-F-016	Upgrade of LNG terminal in Świnoujście	FID	PCI
LNG-F-017	East Canada LNG Terminal	FID	Non-PCI
LNG-F-018	Mussel LNG terminal	FID	Non-PCI
LNG-F-019	Tenariris LNG Terminal	FID	Non-PCI
LNG-F-020	Zeebrugge LNG Terminal - 3rd Tank & 2nd Jetty	Advanced	PCI
LNG-N-015	Dragon LNG Terminal and Connecting Pipeline	Advanced	PCI
LNG-N-021	Project GCA LNG LNG terminal Gothenburg	Advanced	PCI
LNG-N-022	LNG terminal in northern Greece / Alexandroupolis LNG (FEED)	Advanced	PCI
LNG-N-040	LNG terminal Krk	Advanced	PCI
LNG-N-041	Cyprus GasOil	Advanced	PCI
LNG-N-156	Porto Empedocle LNG	Non-FID	PCI
LNG-N-157	Mugardos LNG Terminal: 3rd Jetty	Non-FID	PCI
LNG-N-275	Mugardos LNG Terminal: Storage Extension	Non-FID	PCI
LNG-N-362	Saline LNG	Non-FID	PCI
LNG-N-054	Gate terminal phase 3	Non-FID	PCI
LNG-N-077	Finnish LNG Terminal	Non-FID	PCI
LNG-N-272	Mostaganem LNG Terminal Expansion	Non-FID	PCI
LNG-N-273	Fos Cavaou LNG Terminal Expansion	Non-FID	PCI
LNG-N-274	Mugardos LNG Terminal: Send-out Increase	Non-FID	PCI
LNG-N-276	Azerbaijan, Georgia, Romania Interconnector - AGRI	Non-FID	PCI
LNG-N-762	Zeebrugge LNG Terminal - 3rd Jetty	Non-FID	PCI
LNG-N-816	LNG Terminal in Klaipeda	Non-FID	PCI
LNG-N-924	Skulte LNG	Non-FID	PCI
LNG-N-925	Irish Public Baltic Sea Coast	Non-FID	PCI
LNG-N-990	LNG Terminal Brunsbuettel	Non-FID	PCI
LNG-N-1022	Inishtrahull LNG	Non-FID	PCI

UNDERGROUND GAS STORAGE FACILITIES

UGS-F-062	System Enhancements - Stogit - on-shore gas fields	FID	Non-PCI
UGS-F-063	Bordolano Second Phase	FID	Non-PCI
UGS-N-030	UGS Chiren Expansion	Advanced	PCI
UGS-N-31	Depomures	Advanced	PCI
UGS-N-276	Underground Gas Storage Facility	Advanced	PCI
UGS-N-319	Enhancement of Incukalns UGS	Advanced	PCI
UGS-N-320	Underground Gas Storage Velke Kapusany	Advanced	PCI
UGS-N-035	Underground Gas Storage Damma	Advanced	PCI
UGS-N-36	Surroundings underground gas storage in Romania	Non-FID	PCI
UGS-N-308	South Kavala Underground Gas Storage facility	Non-FID	PCI
UGS-N-36	UGS Damasławek	Non-FID	PCI

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