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TYNDP 2024 MAP

HYDROGEN INFRASTRUCTURE

HYDROGEN TRANSMISSION PIPELINES (H2T)

HYDROGEN TRANSMISSION PIPELINES (H2T)

	H2T-F-468	National H2 Backbone	Gasunie	FID	PCI
★	H2T-F-899	mosaHYc - Mosel Saar Hydrogen Conversion	GRTgaz	FID	PCI
	H2T-A-443	Nordic-Baltic Hydrogen Corridor - FI section	GASGRID	Advanced	PCI
	H2T-A-642	HyPipe Bavaria - The Hydrogen Hub	bayernets	Advanced	PCI
	H2T-A-757	H2 Backbone WAG + Penta West	GAS CONNECT AUSTRIA	Advanced	PCI
	H2T-A-788	H2 transmission system in Bulgaria	BULGARTRANSGAZ	Advanced	PCI
★	H2T-A-906	Vlieghuis - Ochtrup	Gasunie Thyssengas	Advanced	PCI
	H2T-A-909	Connection HY-FEN-GeoH2	GRTgaz	Advanced	PCI
★	H2T-A-926	Baltic Sea Hydrogen Collector – Offshore Pipeline [BHC] – Sweden	NORDION ENERGI	Advanced	PCI
	H2T-A-969	RHYn	GRTgaz	Advanced	PCI
	H2T-A-978	Portuguese Hydrogen Backbone	REN Gasodutos	Advanced	PCI
	H2T-A-986	H2 Readiness of the TAG pipeline system	TAG	Advanced	PCI
	H2T-A-987	MosaHYc (Mosel Saar Hydrogen Conversion) - Germany	GRTgaz	Advanced	PCI
	H2T-A-990	Czech H2 Backbone SOUTH (formerly CEHC, Czech part)	NET4GAS	Advanced	PCI
	H2T-A-1001	Hyperlink 3 Danish-German Hydrogen Network - German part	Gasunie	Advanced	PCI
	H2T-A-1034	Czech H2 Backbone WEST (formerly CGHI, Czech part)	NET4GAS	Advanced	PCI
	H2T-A-1035	Franco-Belgian H2 corridor (incl. WHHYN)	GRTgaz	Advanced	PCI
	H2T-A-1037	H2ercules Network North	OGE	Advanced	PCI
	H2T-A-1038	H2ercules Network West	OGE	Advanced	PCI
★	H2T-A-1052	H2ercules Network South-West	GRTgaz Deutschland OGE	Advanced	PCI
	H2T-A-1055	H2ercules Network South-East	GRTgaz Deutschland OGE	Advanced	PCI
	H2T-A-1075	H2ercules Network North-West	OGE	Advanced	PCI
	H2T-A-1096	RHYn Interco (Section 1-3)	badenova NETZE terranets bw GRTgaz	Advanced	PCI
★	H2T-A-1136	Nordic Hydrogen Route – Bothnian Bay – Finnish section - Pipeline	GASGRID	Advanced	PCI
	H2T-A-1137	Central European Hydrogen Corridor (CEHC) (UKR part)	OPERATOR	Advanced	PCI
	H2T-A-1144	Nordic-Baltic Hydrogen Corridor - PL section	GAZ-SYSTEM	Advanced	PCI
	H2T-A-1049	Spanish hydrogen backbone 2030	enagas	Advanced	PCI
★	H2T-A-1056	H2Med/CelZa	REN Gasodutos	Advanced	PCI
	H2T-A-1171	Nordic Hydrogen Route- Bothnian Bay- Swedish part	NORDION ENERGI	Advanced	PCI
	H2T-A-1236	Danish Backbone West	ENERGINET	Advanced	PCI
	H2T-A-1264	Slovak Hydrogen Backbone	eustream	Advanced	PCI
	H2T-A-1280	Nordic-Baltic Hydrogen Corridor - LV section	conexus	Advanced	PCI
	H2T-A-1310	Nordic-Baltic Hydrogen Corridor - DE section	ONTRAS	Advanced	PCI
	H2T-A-1311	Belgian Hydrogen Backbone	fluxys	Advanced	PCI
	H2T-A-1355	Baltic Sea Hydrogen Collector - Offshore Pipeline [BHC]	NORDION ENERGI GASGRID	Advanced	PCI
★	H2T-A-0	OGE H2ercules Central	bayernets GRTgaz Deutschland nowega Thyssengas OGE	Advanced	Non-PCI
★	H2T-A-66	Interconn. Croatia-Bosnia &Herzegov. (Slobodnica-Bosanski Brod)	Plinacro	Advanced	Non-PCI
★	H2T-A-68	H2 Ionian Adriatic Pipeline	Plinacro	Advanced	Non-PCI
★	H2T-A-70	Interconnection Croatia/Serbia (Slobodnica-Sotin-Bačko Novo Selo)	Plinacro	Advanced	Non-PCI
★	H2T-A-224	Northern Interconnection BiH/CRO	BH-GAS	Advanced	Non-PCI
★	H2T-A-302	Interconnection Croatia-Bosnia and Herzegovina (South)	Plinacro	Advanced	Non-PCI
★	H2T-A-303	Interconnection Croatia-Bosnia and Herzegovina (West)	Plinacro	Advanced	Non-PCI
	H2T-A-418	Connection Fiume Treste Livello F	snam	Advanced	Non-PCI
	H2T-A-443	Nordic-Baltic Hydrogen Corridor - FI section	GASGRID	Advanced	Non-PCI
	H2T-A-444	HySoW Mediterranean (Hydrogen South West corridor of France)	Teréga	Advanced	Non-PCI
★	H2T-A-542	HyBRIDS	S.G.I.	Advanced	Non-PCI
	H2T-A-555	Apulia H2 Backbone	snam	Advanced	Non-PCI
	H2T-A-633	GETH2-IPCEI	nowega OGE	Advanced	Non-PCI
	H2T-A-666	H2Coastlink	GTG NORD	Advanced	Non-PCI
★	H2T-A-735	North Africa Hydrogen Corridor	SeaCorridor	Advanced	Non-PCI
	H2T-A-779	Pomeranian Hydrogen Cluster	GAZ-SYSTEM	Advanced	Non-PCI
	H2T-A-821	Hydrogen Highway - Northern Section	GAZ-SYSTEM	Advanced	Non-PCI
	H2T-A-835	SK-HU H2 corridor	eustream	Advanced	Non-PCI
★	H2T-A-851	Southern Interconnection BiH/CRO	BH-GAS	Advanced	Non-PCI
★	H2T-A-876	IP Elten/Zevenaar - Cologne	Thyssengas	Advanced	Non-PCI
★	H2T-A-910	Western Interconnection BiH/CRO	BH-GAS	Advanced	Non-PCI
★	H2T-A-917	Emsbüren - Leverkusen	Thyssengas	Advanced	Non-PCI
	H2T-A-933	Hyperlink 4-5 Wilhelmshaven - Emsbüren	Thyssengas Gasunie	Advanced	Non-PCI
	H2T-A-1000	Hyperlink 1-2	Gasunie	Advanced	Non-PCI
	H2T-A-1014	Giurgiu Nădlac hydrogen corridor with new H2 interconnector	TRANSGAZ	Advanced	Non-PCI
★	H2T-A-1015	New Hydrogen pipeline from Black Sea area to Podișor	TRANSGAZ	Advanced	Non-PCI
	H2T-A-1049	Spanish hydrogen backbone 2030	enagas	Advanced	Non-PCI
	H2T-A-1065	HU hydrogen corridor I HU/UA	FGSZ	Advanced	Non-PCI
★	H2T-A-1091	Connection of DESFA's transmission system with East Med pipeline	desfa	Advanced	Non-PCI
★	H2T-A-1092	Metering and Regulating Station at UHS South Kavala	desfa	Advanced	Non-PCI
	H2T-A-1096	RHYn Interco (Sections 4-5)	badenova NETZE terranets bw	Advanced	Non-PCI
	H2T-A-1205	Italian H2 Backbone	snam	Advanced	Non-PCI
	H2T-A-1206	HU hydrogen corridor IV HU/SK	FGSZ	Advanced	Non-PCI
★	H2T-A-1250	NWH2	NWO	Advanced	Non-PCI
	H2T-A-1259	HU hydrogen corridor V HU/RO	FGSZ	Advanced	Non-PCI
	H2T-A-1291	Hynframed 1	GRTgaz	Advanced	Non-PCI
	H2T-A-1327	HySoW Atlantic (Hydrogen South West corridor of France)	Teréga	Advanced	Non-PCI
	H2T-N-569	HY-FEN H2 Corridor Spain France Germany connection	GRTgaz	Less-Adv.	PCI
	H2T-N-738	Delta Rhine Corridor H2	OGE	Less-Adv.	PCI
	H2T-N-796	FLOW – making hydrogen happen (East)	GASCADE	Less-Adv.	PCI
	H2T-N-884	CHE Pipeline	equinor	Less-Adv.	PCI
	H2T-N-970	Dedicated H2 Pipeline	desfa	Less-Adv.	PCI
	H2T-N-991	AquaDuctus	fluxys GASCADE	Less-Adv.	PCI
	H2T-N-1122	Nordic-Baltic Hydrogen Corridor - EE section	elering	Less-Adv.	PCI
	H2T-N-1151	H2Med-BarMar	enagas Teréga GRTgaz	Less-Adv.	PCI
	H2T-N-1239	Nordic-Baltic Hydrogen Corridor - LT section	Amber Grid	Less-Adv.	PCI
	H2T-N-1324	H2Med-CelZa (Enagas)	enagas	Less-Adv.	PCI
	H2T-N-572	Project Union and the UK Hydrogen Backbone	national gas transmission	Less-Adv.	Non-PCI
★	H2T-N-573	UK-BE H2 Interconnector	fluxys national gas transmission	Less-Adv.	Non-PCI
	H2T-N-619	H2 interconnection Croatia/Slovenia (Luko-Zabok-Rogatec)	Plinacro	Less-Adv.	Non-PCI
	H2T-N-667	MIDHY	GRTgaz	Less-Adv.	Non-PCI
★	H2T-N-740	Alpine HyWay	OGE fluxys	Less-Adv.	Non-PCI
★	H2T-N-777	H2 transm. system Bulgaria (Phase 2 of SEE H2 Priority Corridor)	BULGARTRANSGAZ	Less-Adv.	Non-PCI
	H2T-N-800	H2 Interconnector Bornholm-Lubmin (IBL)	ENERGINET GASCADE	Less-Adv.	Non-PCI
	H2T-N-849	FLOW – making hydrogen happen (West)	terranets bw GASCADE	Less-Adv.	Non-PCI
★	H2T-N-856	Baltic Sea Hydrogen Collector - tie-in to the Polish system	GAZ-SYSTEM	Less-Adv.	Non-PCI
	H2T-N-983	Hydrogen Highway - Southern Section	GAZ-SYSTEM	Less-Adv.	Non-PCI
	H2T-N-989	Doing Hydrogen	ONTRAS	Less-Adv.	Non-PCI
	H2T-N-996	Green Octopus Mitteldeutschland	VNG Gasspeicher ONTRAS	Less-Adv.	Non-PCI
	H2T-N-1011	HyONE Network NL	Gasunie	Less-Adv.	Non-PCI
	H2T-N-1017	Levante Pipeline Project	IGI Poseidon	Less-Adv.	Non-PCI
★	H2T-N-1178	Rostock - Wrangelsburg	GASCADE	Less-Adv.	Non-PCI
★	H2T-N-1179	Edesbüttel - Bobbau	GASCADE	Less-Adv.	Non-PCI
★	H2T-N-1187	HY4Link (FR)	GRTgaz	Less-Adv.	Non-PCI
	H2T-N-1237	Croatia-Slovenia-Austria H2 corridor	Plinovodi	Less-Adv.	Non-PCI
	H2T-N-1245	AtlantHYc (Phases 1-2-3)	GRTgaz	Less-Adv.	Non-PCI
	H2T-N-1251	Czech H2 Backbone NORTH	NET4GAS	Less-Adv.	Non-PCI
	H2T-N-1252	Spanish hydrogen backbone 2040	enagas	Less-Adv.	Non-PCI
★	H2T-N-1255	H2 repurposing interconnection HR-HU	Plinacro	Less-Adv.	Non-PCI
	H2T-N-1274	H2 supply system Croatia - North	Plinacro	Less-Adv.	Non-PCI
	H2T-N-1281	Hungarian-Slovenian hydrogen corridor	FGSZ	Less-Adv.	Non-PCI
	H2T-N-1283	H2 Larrau	enagas	Less-Adv.	Non-PCI
	H2T-N-1285	H2 Irún (Enagás)	enagas	Less-Adv.	Non-PCI
★	H2T-N-1286	Alpine H2 Corridor	fluxswiss	Less-Adv.	Non-PCI
	H2T-N-1294	HY4Link	creos GRTgaz	Less-Adv.	Non-PCI
	H2T-N-1307	H2 supply system Croatia - South	Plinacro	Less-Adv.	Non-PCI
★	H2T-N-1315	H2 interconnection DE-PL (FLOW East)	GASCADE	Less-Adv.	Non-PCI
★	H2T-N-1328	TSO conn. capacities to RWE H2 Storage Staßfurt (H2S-N-802)	ONTRAS	Less-Adv.	Non-PCI
★	H2T-N-1329	TSO conn. capacities to EWE H2 Storage Ruedersdorf (H2S-N-574)	ONTRAS	Less-Adv.	Non-PCI
	H2T-N-1354	H2 Backbone Murfeld	GAS CONNECT AUSTRIA	Less-Adv.	Non-PCI
	H2T-N-1356	Italy-Slovenia-Hungary H2 corridor	Plinovodi	Less-Adv.	Non-PCI
	H2T-N-1360	H2 offshore pipeline between Morocco and Spain	enagas	Less-Adv.	Non-PCI

KEYS

ENTSOG currently comprises 43 TSO members, 1 Associated Partner and 9 Observers from 32 European Countries

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 2024 submission.

Project information, initially based on TYNDP project collection conducted in Nov 2023 - Feb 2024.

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.

Project status :

★ TRA-F-123 | Infrastructure Project Name | BULGARTRANSGAZ | FID | PCI

Project ENTSOG code — Project Name — Project Promoter — Project status codes

Project not marked on map
Exact project location is not available or is marked as confidential

Exact project locations not marked on map
Project has several locations/points.
The indicated location is for representation purposes only and does not indicate the exact location of the project

Newly added project in TYNDP 2024
(additional to www.h2inframap.eu)

Project ENTSOG codes / color :

- 🟥 TRA-N-000 — Project is part of 1st PCI/PMI list
- TRA-N-000, TRA-N-000, TRA-N-000 — Project is not part of 1st PCI/PMI list

Project status codes :
The project advancement status is based on the TYNDP project collection conducted in Nov. 2023 - Feb. 2024.

PCI | Non-PCI — PCI status (Project of Common Interest)

FID | Advanced | Less-Adv. — FID status (Final Investment Decision)

Advanced status is applied to all projects that, based on the information submitted, have:
Commissioning expected at the latest by 31 December 2029
AND the project fulfils at least one of the following criteria:

- *Project has taken the final investment decision (FID) ahead of the TYNDP 2024 project collection*
- *Project is included in the NDP(s) of the respective country(ies) or in the national law*
- *Project has successfully consulted the market through a market test (including non-binding processes), which delivered positive results*

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 with third country (import)
- ◌ Cross-border interconnection point within Europe or export point to non-EU country *Under construction or Planned*
- ◒ LNG Import terminal (operational)
- ◓ LNG Export terminal (operational)
- ○ Intra-country or intra balancing zone points
- ○ Third country cross-border interconnection point
- ○ Cross-border interconnection point (Virtual Point)
- ◉ Third country cross-border (Virtual Point / import)

Gas Reserve areas

Gas field ▲ Drilling platform

Countries

🟩 EU Countries ⬜ Other Countries

Transport by pipeline

Existing infrastructure for natural gas :
- Diameter < 600 mm
- Diameter 600 - 900 mm
- Diameter > 900mm
- Not operational

Planned infrastructure for natural gas :
- Project

Storage facilities

- Acquifer
- △ Salt cavity - cavern
- ◇ Depleted (Gas) field on shore / offshore
- Other type
- Gas storage projects

Hydrogen Transmission Pipelines (H2T)

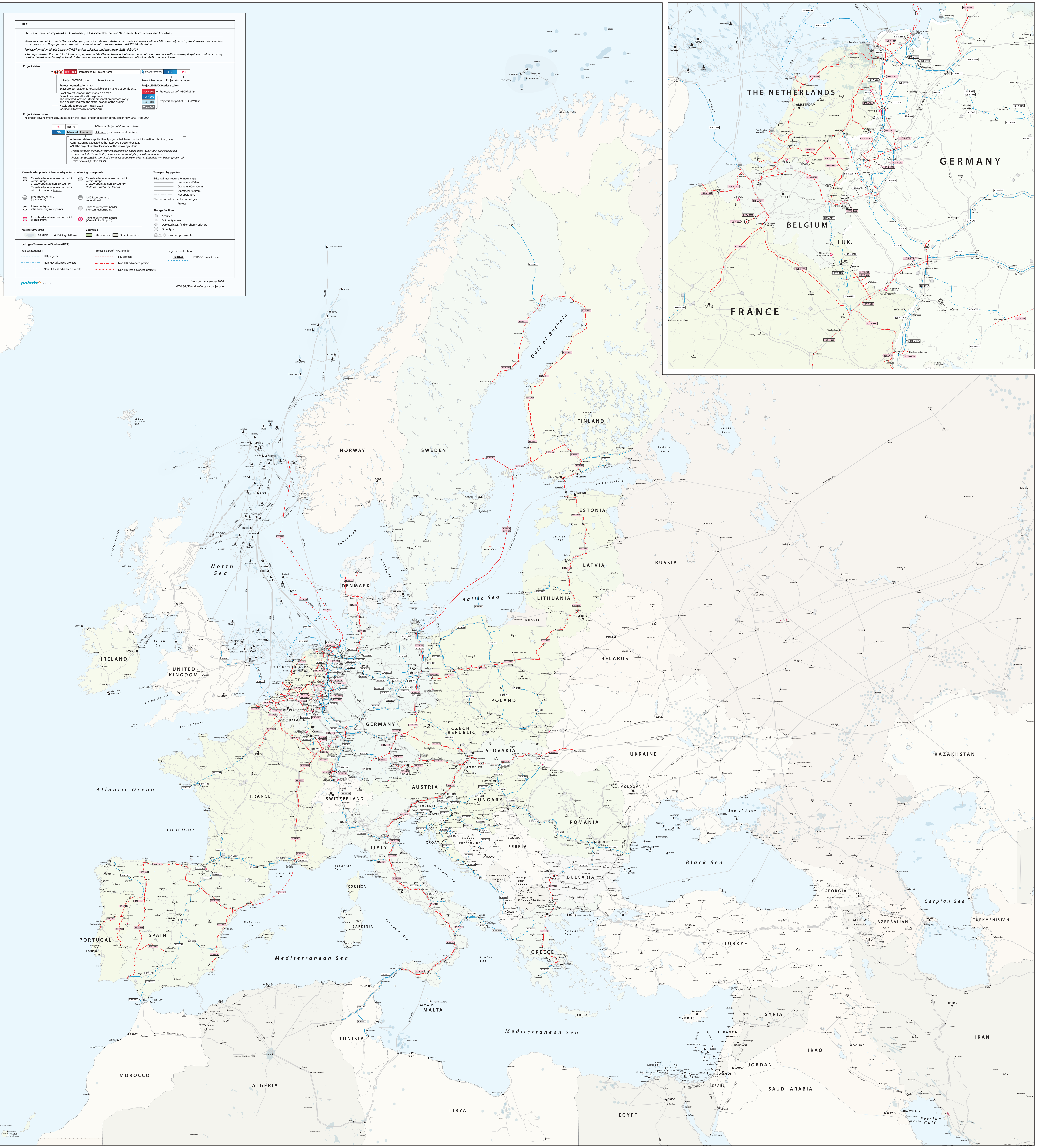
Project categories :
- FID projects
- Non-FID, advanced projects
- Non-FID, less-advanced projects

Project is part of 1st PCI/PMI list :
- FID projects
- Non-FID, advanced projects
- Non-FID, less-advanced projects

Project identification :
H2T-N-123 — ENTSOG project code

polaris graphik_technik

Version : November 2024
WGS 84 / Pseudo-Mercator projection



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ASSOCIATED PARTNERS: Trans Adriatic Pipeline

OBSERVERS: albgaz, BH-GAS, erdgas, fluxswiss, GASSCO, NOMAGAS, SWISSGAS, Transitgas, OPERATOR