

GLE at GIIGNL 2023 General Assembly

6-7 November 2023

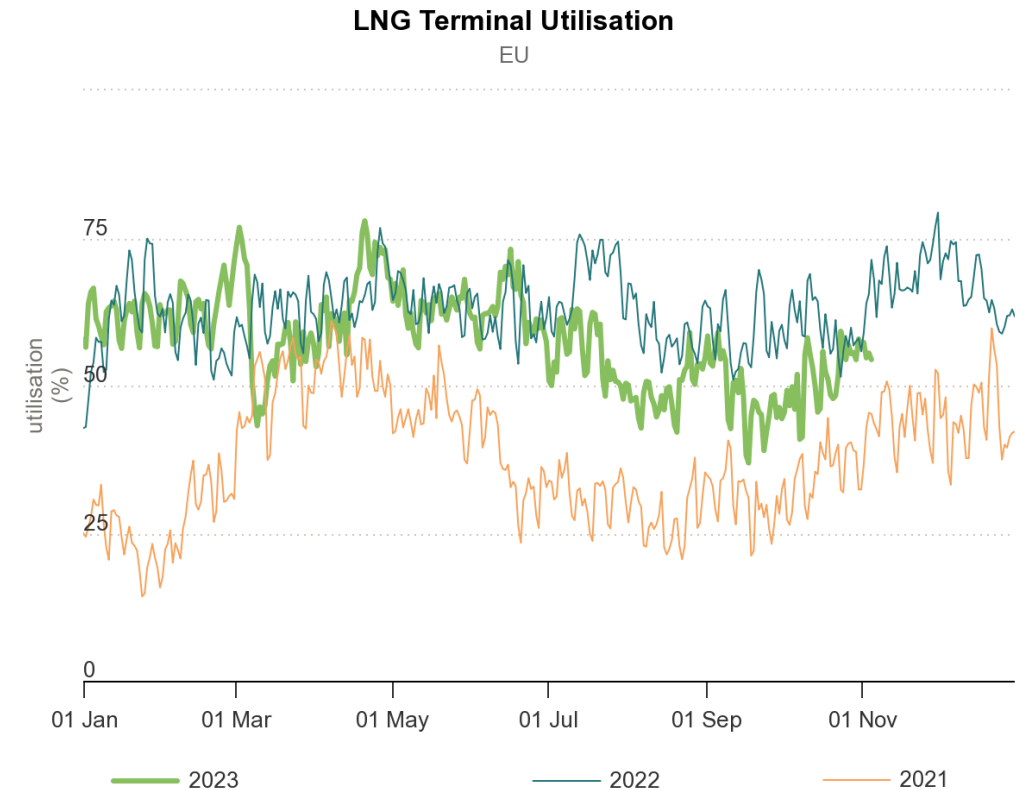
Conrad Dubai

Sent out and utilization rate

Sent out (TWh)

The sent out increased consistently in 2022 compared to 2021, close to maximum operational capacity.

Year (01.01 to 04.11)	TWh	YoY
2023	1.121,6	3%
2022	1.086,0	75%
2021	620.4	



Source: Gas Infrastructure Europe (GIE) | Attribution: Sonnem Holding B.V.

New capacities 2023

For 2023, 56.54 bcm/year new capacities were announced, out of which almost 75% are already operational (44/6 bcm/year)

Country	Region	Name of installation	Status	Investment	Start-up year	Type	Operator short name	Nom. Annual Cap. billion m ³ (N)/year	Operational in 2023
Cyprus	EU27	Vasiliko LNG terminal	under construction	new facility	2023	FSRU	ETYFA	2,44	no
Finland	EU27	Exemplar FSRU	planned	new facility	2023	FSRU	Gasgrid / Fortum	5,00	yes
France	EU27	Fos Cavaou LNG Terminal	planned	expansion	2022	large onshore	Fosmax LNG	1,50	yes
France	EU27	Le Havre	planned	new facility	2023	FSRU	TOTAL	4,50	yes
Germany	EU27	Brunsbüttel LNG terminal	planned	new facility	2023	FSRU	Gasunie	5,00	yes
Germany	EU27	Wilhelmshaven	planned	new facility	2023	FSRU	UNIPER	7,50	yes
Germany	EU27	Lubmin	planned	new facility	2023	FSRU	Deutsche ReGas	4,50	yes
Greece	EU27	Dioriga Gas FSRU	planned	new facility	2023	FSRU	Dioryga Gas	2,50	no
Greece	EU27	Alexandroupolis LNG terminal	under construction	new facility	2023	FSRU	Gastrade	5,50	no
Italy	EU27	FSRU 1 - SNAM	planned	new facility	2023	FSRU	SNAM	5,00	yes
Latvia	EU27	Skulte LNG terminal	planned	new facility	2023	FRU + direct link to UGS	Skulte LNG Terminal	1,50	no
Netherlands	EU27	Gate terminal, Rotterdam	under construction	expansion	2023	large onshore	Gate terminal	1,50	yes
Netherlands	EU27	Eemsenenergyterminal	operational	new facility	2022	FSRU	Gasunie	8,00	yes
Poland	EU27	Swinoujscie LNG Terminal	under construction	expansion	2023	large onshore	GAZ SYSTEM	2,10	no
								56,54	42,5

ALSI – LNG Transparency Platform

Daily inventory and send-out status by LNG Operators

- Daily data publication & reporting to **ACER**
- Direct data provision by **LSO**

 **ALSI**
Aggregated LNG Storage Inventory

27 terminals
12 countries

SEND-OUT
6,5 TWh/d

STORAGE
55 TWh

7 new
terminals
in 2023

5 more
expected
in coming
months

100%
EU 27
coverage

<https://alsi.gie.eu>

-  IMPORT / OPERATIONAL
-  IMPORT / PLANNED
-  IMPORT / UNDER CONSTRUCTION
-  EXPORT
-  SUSPENDED
-  SMALL SCALE LNG SERVICES

Since
28 Feb 2023



GIE Transparency Platform – regulatory role
REGULATION (EU) No 2022/2576 ~ Enhancing Solidarity

ALSI – LNG Transparency Platform

7 new FSRU



FR	Le Havre LNG Terminal (FSRU Cape Ann)
IT	Piombino LNG terminal (FSRU)
DE	Ostsee LNG Terminal / Lubmin (FSRU)
FI	Inkoo LNG Terminal (FSRU Exemplar)
DE	Brunsbüttel LNG terminal (FSRU)
DE	Wilhelmshaven LNG terminal (FSRU)
NL	EemsEnergy LNG terminal (FSRU)

5 more FSRU expected



DE	Stade LNG Terminal (FSRU Transgas Force) // end 2023 - start commissioning phase
DE	Wilhelmshaven LNG Terminal (FSRU Excelerate Excelsior) // end 2023 - start commissioning phase
DE	Ostsee LNG Terminal // move from Lubmin > Mukran // FSRU 1 in Q1 2024 (FSRU Neptune) // FSRU 2 in Q2/Q3 2024 (FSRU Transgas Power)
IT	Ravenna LNG terminal (FSRU BW Singapore) // Q3 2024

ALSI – LNG Transparency Platform

Ongoing enhancements

- **Data visualisation tools** (graphs, key data)
- **Interactive maps** (inventory status & unavailability)
- **LNG Regasification bookable capacity forecast**
- **Mobile App** (by 2024)

Operator	Feb 2023 28 days				Mar 2023 27 days				Apr 2023 26 days				May 2023 25 days				Jun 2023 24 days				Jul 2023 23 days			
	Commercial GWh	Booked GWh	Available GWh	Status	Commercial GWh	Booked GWh	Available GWh	Status	Commercial GWh	Booked GWh	Available GWh	Status	Commercial GWh	Booked GWh	Available GWh	Status	Commercial GWh	Booked GWh	Available GWh	Status	Commercial GWh	Booked GWh	Available GWh	Status
EU	154507.00	113639.00	35268.00		173101.00	119796.00	47105.00		165149.00	110663.00	48486.00		158403.00	102917.00	49286.00		155940.00	100457.00	49693.00		168086.00	108699.00	53344.00	
Belgium	16191.00	16191.00	0.00		16191.00	16191.00	0.00		16191.00	16191.00	0.00		16191.00	16191.00	0.00		16191.00	16191.00	0.00		16191.00	16191.00	0.00	
Floyds LNG	16191.00	16191.00	0.00		16191.00	16191.00	0.00		16191.00	16191.00	0.00		16191.00	16191.00	0.00		16191.00	16191.00	0.00		16191.00	16191.00	0.00	
Zeebrugge LNG Terminal	16191.00	16191.00	0.00	NA	16191.00	16191.00	0.00	NA	16191.00	16191.00	0.00	NA	16191.00	16191.00	0.00	NA	16191.00	16191.00	0.00	NA	16191.00	16191.00	0.00	NA
Orsat	2327.00	2327.00	0.00		2466.00	2466.00	0.00		2386.00	2386.00	0.00		2466.00	2466.00	0.00		2386.00	2386.00	0.00		2386.00	2386.00	0.00	
LNG Orsat	2327.00	2327.00	0.00		2466.00	2466.00	0.00		2386.00	2386.00	0.00		2466.00	2466.00	0.00		2386.00	2386.00	0.00		2386.00	2386.00	0.00	
RIX LNG Terminal (FSRU)	2327.00	2327.00	0.00	NA	2466.00	2466.00	0.00	NA	2386.00	2386.00	0.00	NA	2466.00	2466.00	0.00	NA	2386.00	2386.00	0.00	NA	2386.00	2386.00	0.00	NA
France	33096.00	33096.00	0.00		40757.00	40757.00	0.00		37145.00	37145.00	0.00		28118.00	28118.00	0.00		24814.00	24814.00	1000.00		36681.00	34481.00	2100.00	
Energie	13400.00	13400.00	0.00		13700.00	13700.00	0.00		12900.00	12900.00	0.00		10000.00	10000.00	0.00		5400.00	5400.00	0.00		13300.00	13300.00	0.00	
Pos Trefort LNG Terminal	1800.00	1800.00	0.00	NA	2000.00	2000.00	0.00	NA	2000.00	2000.00	0.00	NA	1500.00	1500.00	0.00	NA	1000.00	1000.00	0.00	NA	1500.00	1500.00	0.00	NA
Montoir de Bretagne LNG Terminal	11000.00	11000.00	0.00	NA	11700.00	11700.00	0.00	NA	10900.00	10900.00	0.00	NA	8300.00	8300.00	0.00	NA	4400.00	4400.00	0.00	NA	11800.00	11800.00	0.00	NA
Dunkerque LNG	10396.00	10396.00	0.00		14887.00	14887.00	0.00		13848.00	13848.00	0.00		8518.00	8518.00	0.00		11814.00	11814.00	0.00		12681.00	12681.00	0.00	
Dunkerque LNG Terminal	10396.00	10396.00	0.00	NA	14887.00	14887.00	0.00	NA	13848.00	13848.00	0.00	NA	8518.00	8518.00	0.00	NA	11814.00	11814.00	0.00	NA	12681.00	12681.00	0.00	NA
FORMAX LNG	9300.00	9300.00	0.00		12400.00	12400.00	0.00		10400.00	10400.00	0.00		9600.00	9600.00	0.00		9900.00	9900.00	1000.00		10600.00	8900.00	2100.00	
Pos Caroux LNG Terminal	9300.00	9300.00	0.00	NA	12400.00	12400.00	0.00	NA	10400.00	10400.00	0.00	NA	9600.00	9600.00	0.00	NA	9900.00	9900.00	1000.00	A	10600.00	8900.00	2100.00	A
Bermy	0.00	0.00	0.00		0.00	0.00	0.00		0.00	0.00	0.00		0.00	0.00	0.00		0.00	0.00	0.00		0.00	0.00	0.00	
Deutsche Energy Terminal	0.00	0.00	0.00		0.00	0.00	0.00		0.00	0.00	0.00		0.00	0.00	0.00		0.00	0.00	0.00		0.00	0.00	0.00	
Wilhelmshaven LNG Terminal (FSRU)	0.00	0.00	0.00	NP	0.00	0.00	0.00	NP	0.00	0.00	0.00	NP	0.00	0.00	0.00	NP	0.00	0.00	0.00	NP	0.00	0.00	0.00	NP
Breco	6389.00	8716.00	874.00		6962.00	8084.00	1908.00		6738.00	4567.00	1871.00		6962.00	8084.00	1117.00		6738.00	8664.00	1084.00		6962.00	8386.00	1877.00	
DESPA	6389.00	8716.00	874.00		6962.00	8084.00	1908.00		6738.00	4567.00	1871.00		6962.00	8084.00	1117.00		6738.00	8664.00	1084.00		6962.00	8386.00	1877.00	
Perlythouais LNG Terminal	6389.00	8716.00	874.00	A	6962.00	8084.00	1908.00	A	6738.00	4567.00	1871.00	A	6962.00	8084.00	1117.00	A	6738.00	8664.00	1084.00	A	6962.00	8386.00	1877.00	A
Italy	14694.00	14694.00	0.00		16660.00	16660.00	0.00		15369.00	15369.00	0.00		14993.00	14993.00	0.00		15841.00	15841.00	0.00		15881.00	15881.00	0.00	
Lithuania	2171.00	2171.00	0.00		3293.00	3293.00	0.00		2686.00	2686.00	0.00		2941.00	2941.00	0.00		3508.00	2724.00	940.00		3508.00	2724.00	940.00	
Klaipėdos Nafta	2171.00	2171.00	0.00		3293.00	3293.00	0.00		2686.00	2686.00	0.00		2941.00	2941.00	0.00		3508.00	2724.00	940.00		3508.00	2724.00	940.00	
FSRU Independence	2171.00	2171.00	0.00	NA	3293.00	3293.00	0.00	NA	2686.00	2686.00	0.00	NA	2941.00	2941.00	0.00	NA	3508.00	2724.00	940.00	NA	3508.00	2724.00	940.00	A
Netherlands	19100.00	19100.00	0.00		19100.00	19100.00	0.00		19100.00	19100.00	0.00		19100.00	19100.00	0.00		19100.00	19100.00	0.00		19100.00	19100.00	0.00	
Bemidenergy Terminal	0.00	0.00	0.00		0.00	0.00	0.00		0.00	0.00	0.00		0.00	0.00	0.00		0.00	0.00	0.00		0.00	0.00	0.00	
Bemidenergy LNG Terminal	0.00	0.00	0.00	NP	0.00	0.00	0.00	NP	0.00	0.00	0.00	NP	0.00	0.00	0.00	NP	0.00	0.00	0.00	NP	0.00	0.00	0.00	NP
Gate Terminal	19100.00	19100.00	0.00		19100.00	19100.00	0.00		19100.00	19100.00	0.00		19100.00	19100.00	0.00		19100.00	19100.00	0.00		19100.00	19100.00	0.00	
Rotterdam Gate Terminal	19100.00	19100.00	0.00	NA	19100.00	19100.00	0.00	NA	19100.00	19100.00	0.00	NA	19100.00	19100.00	0.00	NA	19100.00	19100.00	0.00	NA	19100.00	19100.00	0.00	NA

A Available

P Possible

under certain op. & reg. circumstances

NA Not available

NP Not published or auctioned yet



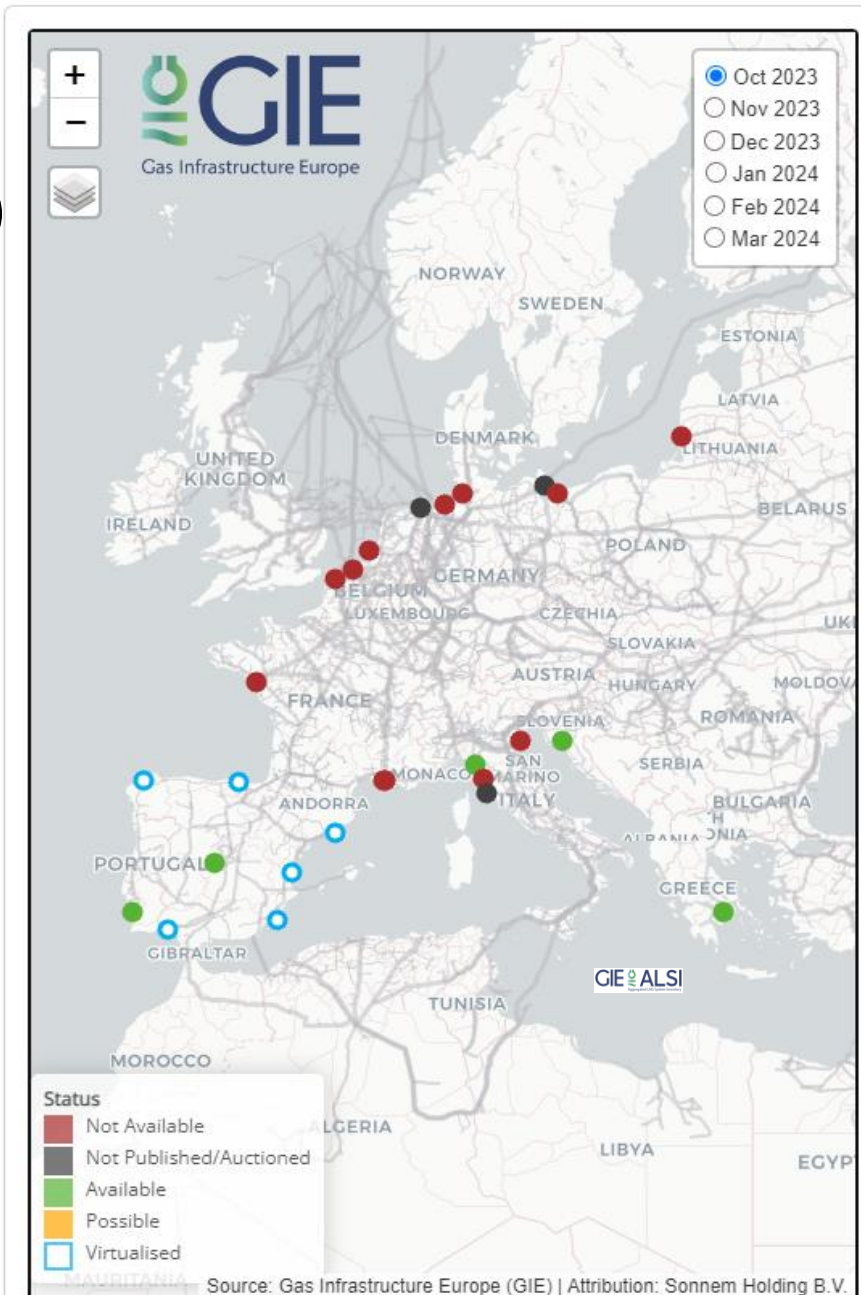
Website listing



Excel download



Map view



Source: Gas Infrastructure Europe (GIE) | Attribution: Sonnem Holding B.V.

LNG terminals on the current and upcoming political agenda

Topics

- **Methane emissions**
- **Security of supply:**
 - EU Energy Platform
 - EU Transparency Platform (GIE has a regulatory role)
 - Reporting at EU's Gas Coordination Group
 - Remain focal point at international level for EU LSO's transparency
- **Decarbonisation:**
 - Hydrogen and Decarbonised Hydrogen Package (import terminal definition)
 - Terminal of the Future: Study *"Unlocking the potential contribution of terminal operators to the European Energy Transition"* by Frontier Economics and DNV

On 6-9 June 2024, the **EU elections** will take place.
A new leadership of the EU institutions will be elected for the **next 5 years**.
GLE/GIE prepare the **outreach outline for 2024**.



THANK YOU
For your attention

Avenue de Cortenbergh 100
1000 Brussels - BELGIUM

T +32 2 209 05 00
gie@gie.eu

@GIEBrussels
www.gie.eu