Shippers Meeting

5 April 2024

AGENDA

QUESTIONS?
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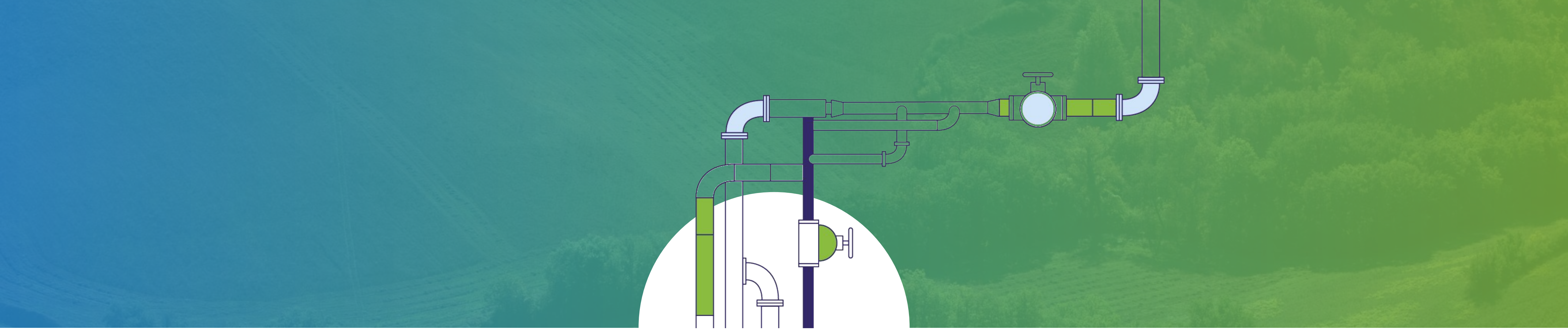
Code: 8782 4102



01. INTRODUCTION

Dominique MOCKLY
CEO of Teréga

02. LOOK BACK AT 2023

Gabriel ANDRE	Head of Transmission and Storage Offers
Emmanuel BOUQUILLION	Transmission and Storage Account Manager
Fabrice CONQUES	Transmission and Storage Account Manager

Transmission Activity
Main grid

Emmanuel BOUQUILLION Transmission and Storage Account Manager

LOOK BACK AT WINTER 23/24 - Main Transmission Points

Interruption of Russian gas supply → **Volatility of European prices still a concern but much better**

↓ ↓

High LNG supply in France & Northern Europe → **Lower demand for SP → FR capacity & flows halved**

↓

High needs of injection capacities in storage → **High level of gas stored**

PEG +14.7% (621,1 TWh)

Evolution over the winter:

21.93 ≤ PEG ≤ 44.74 €/MWh

# of trades = 85,131 (+14.7%)

Avg. trade ≈ 7.3 GWh (stable)

Pirineos is a flexible virtual IP that efficiently connects the French and the Iberian markets despite volatile business conditions

LOOK BACK AT WINTER 23/24 - Pirineos - Entry Bookings

Main Highlights*

Lower bookings:

Firm capacity = -3.5 GWh/d

Interruptible capacity = -27.4 GWh/d

Variation of inflow volumes:

8.0 TWh (-50%)

Gas Consumption (Teréga area):

14.1 TWh (-5,8%)

* Compared to Winter 22/23

Entry from Spain bookings

LOOK BACK AT WINTER 23/24 - Pirineos - Exit bookings

Main Highlights*

Lower bookings:

End of Long Term contracts (-69 GWh/d) slightly compensated by annual bookings (+7 GWh/d)

Lower Short Term bookings too (-3.3 GWh/d)

Variation of outflow volumes:

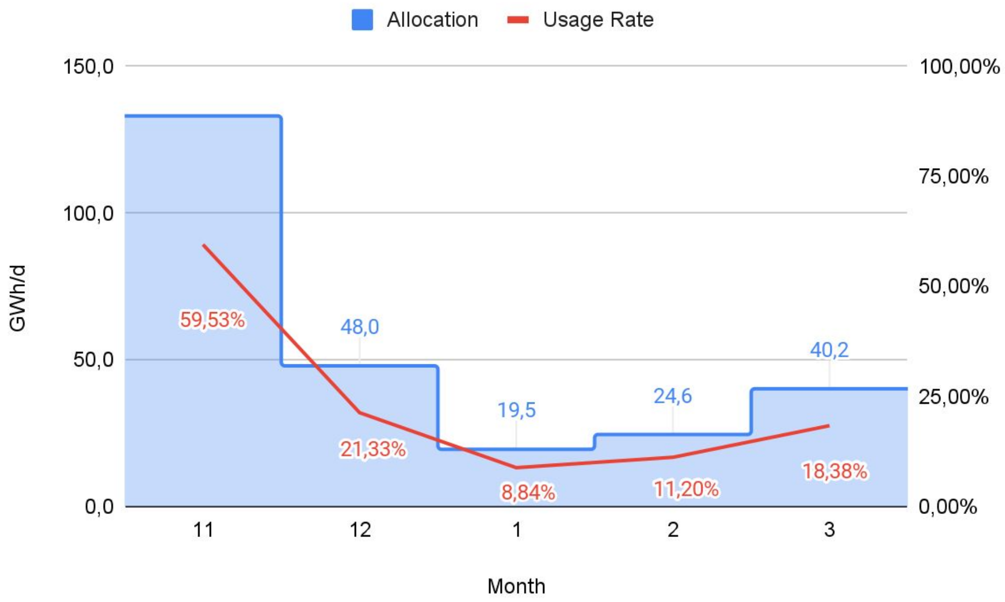
5.5 TWh (-0.7 TWh)

* Compared to Winter 22/23

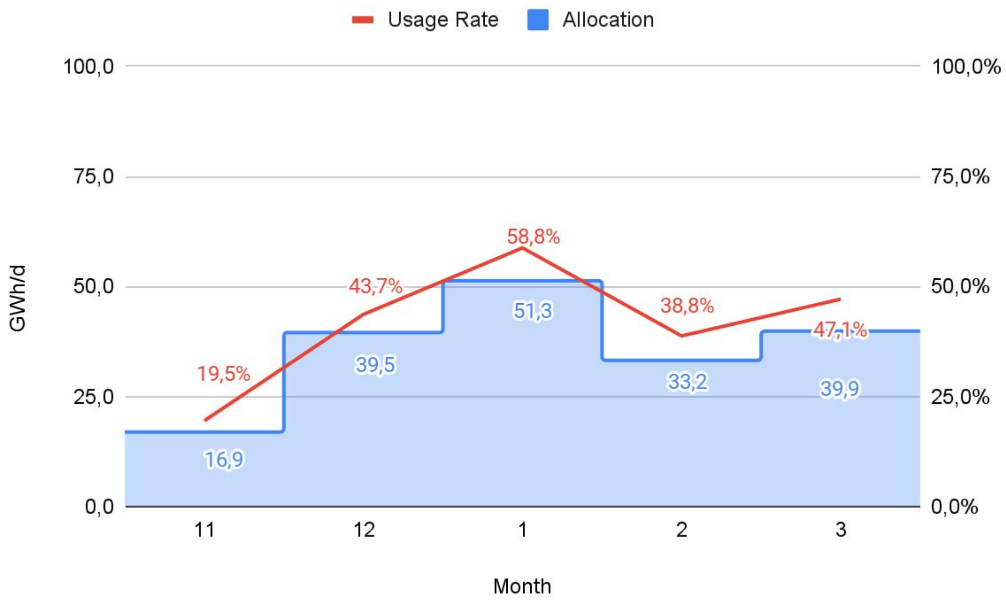
Exit to Spain bookings

LOOK BACK AT WINTER 23/24 - Pirineos - Entry/Exit Capacity Usage

Entry from Spain



Exit to Spain



Compare to last winter:

↘ usage rate: 43% → 24%

↘ average daily allocation: 108 GWh/d → 53 GWh/d

Compare to last winter:

↗ usage rate: 27% → 42 %

↘ average daily allocation: 42 GWh/d → 36 GWh/d

LOOK BACK AT WINTER 23/24 - Pirineos - allocation via the UBI service

UBI SUBSCRIBED

Daily capacity available to shippers in addition to their rights via over-nomination and FCFS principle.

Invoicing based on **allocated capacities** at firm daily price (available if at least 98% of the firm capacity is allocated)

Number of days used:

SP → FR = 6 days (Vs 79 days last year)

FR → SP = 3 days (Vs 20 days last year)

Average UBI (when used):

SP → FR = 12.3 GWh/d (Vs 10.2 last year)

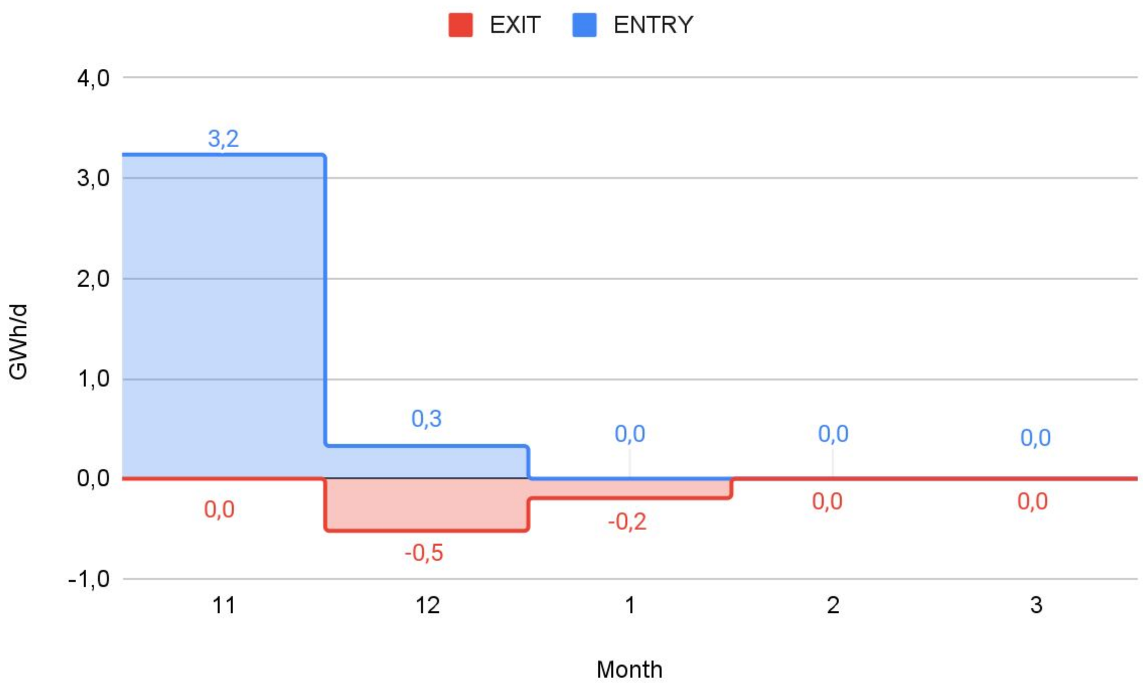
FR → SP = 7.4 GWh/d (Vs 9.7 last year)

Maximum UBI used in a day:

SP → FR = 32.5 GWh (Vs 58.2 last year)

FR → SP = 15.6 GWh (Vs 32.7 last year)

Usage of the UBI service (monthly average)



LOOK BACK AT WINTER 23/24 - functioning of the TRF

TRF by GRTgaz & Teréga

- South > North congestions appeared from Nov. 24 to Jan. 16.
- None since then.

25 RED VIGILANCEs (29 last year)

43 LOCATIONAL SPREADs (110 last year)

- 99 % fruitful Locational Spread
- Requested volume = 2.41 TWh (6.1 TWh in 22/23)
- Traded volume = 2.39 TWh (5.1 TWh in 22/23)
- Weighted average price = 4.02 €/MWh (10.47 €/MWh in 22/23)
- Total cost = 9.6 m€ (54 m€ in 22/23)

0 MUTUALISED RESTRICTION (16 last year)

Transmission Activity Regional grid

Emmanuel BOUQUILLION Transmission and Storage Account Manager

LOOK BACK AT WINTER 23/24

Consumption

Distribution

Industrial

Main Highlights

14.1 TWh consumed (-5.8%)

8.4°C avg temperature
(-0.3°C vs winter 22/23)

	Public Distribution	Industrial consumers
TERÉGA	-6.9%	+0.8%
National trend	-1.8%	-5.3%

2023-24 Vs. 2022-23 over the winter period

LOOK BACK AT WINTER 23/24

Industrial Customers capacity D-day

SUBSCRIBED

New

Since september 1st, 2023:

Industrial Customers

Shipper can book until 2pm D-Day

New

Industrial customer can book until 2pm D-Day **directly from their customer accounts on Teréga's Portal**

A **booking delegation** is necessary!

This short-notice daily capacity offer implies a **30% increase of the tariff for firm** daily bookings requested between 6 a.m. and 2 p.m. on the day of delivery

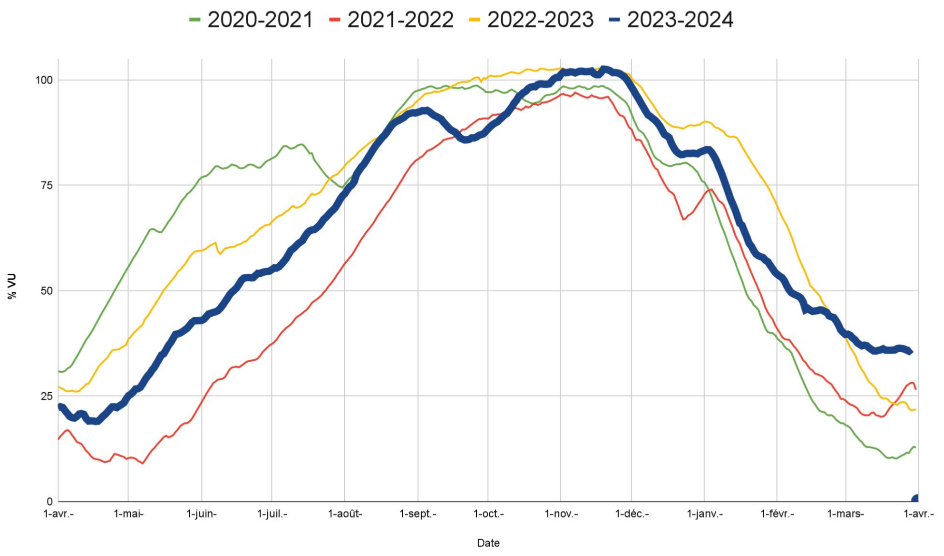
Storage Activity

Fabrice CONQUES Transmission and Storage Account Manager

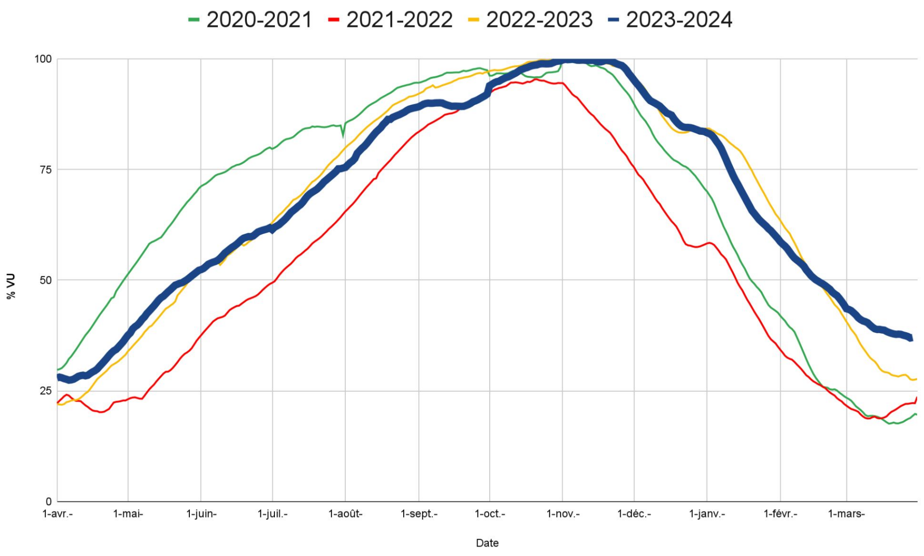
LOOK BACK AT STORAGE ACTIVITY

Gas in storage

TERÉGA



FRANCE



Maximum filling in November

Strong withdrawal in December before Christmas holidays, then again in January, before a slower trend after mid Feb

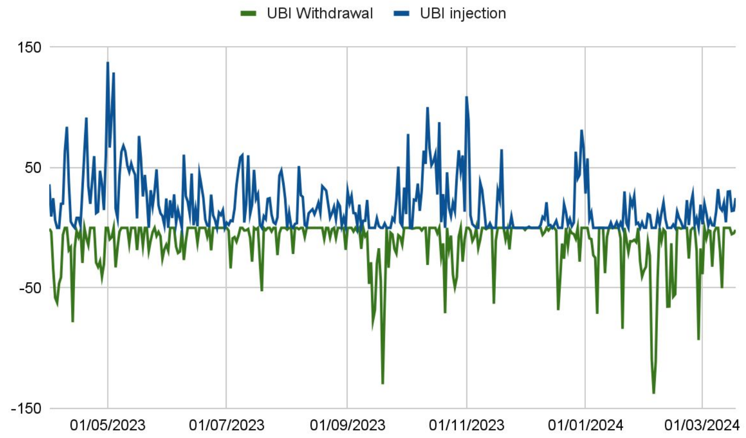
Historical high level of gas in storage at the end of March

LOOK BACK AT STORAGE ACTIVITY - Additional Services

UBI SUBSCRIBED

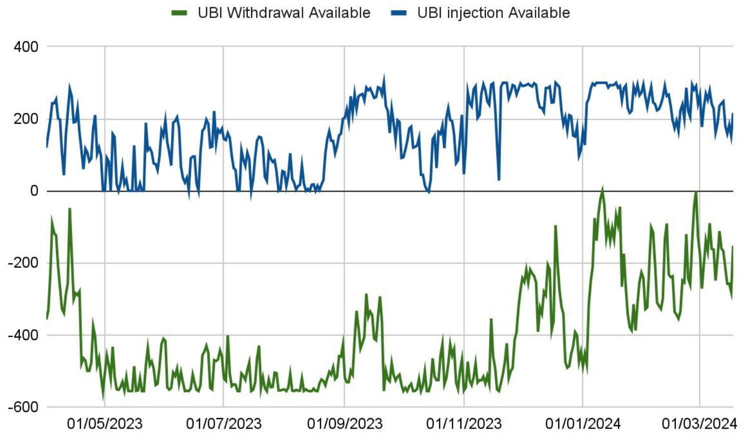
	20/21	21/22	22/23	23/24
Injection	1,492 GWh	5,318 GWh	6,058 GWh	7,168 GWh
Withdrawal	2,018 GWh	4,395 GWh	3,675 GWh	4,264 GWh

UBI used



More than 11 TWh have been allocated thanks to UBI

UBI available



There is still UBI available almost every day

24

CUSTOMERS

LOOK BACK AT STORAGE ACTIVITY - Additional Services

Booster Injection

SUBSCRIBED

Inject faster and faster

10 CUSTOMERS

	20/21	21/22	22/23	23/24
Subscription	458 GWh	372 GWh	1,092 GWh	1,386 GWh
% allocated	79 %	88 %	78 %	78 %

Financing gas in storage

SUBSCRIBED

Optimize storage costs

1.8 TWh Concerned

LOOK BACK AT STORAGE ACTIVITY - Additional Services

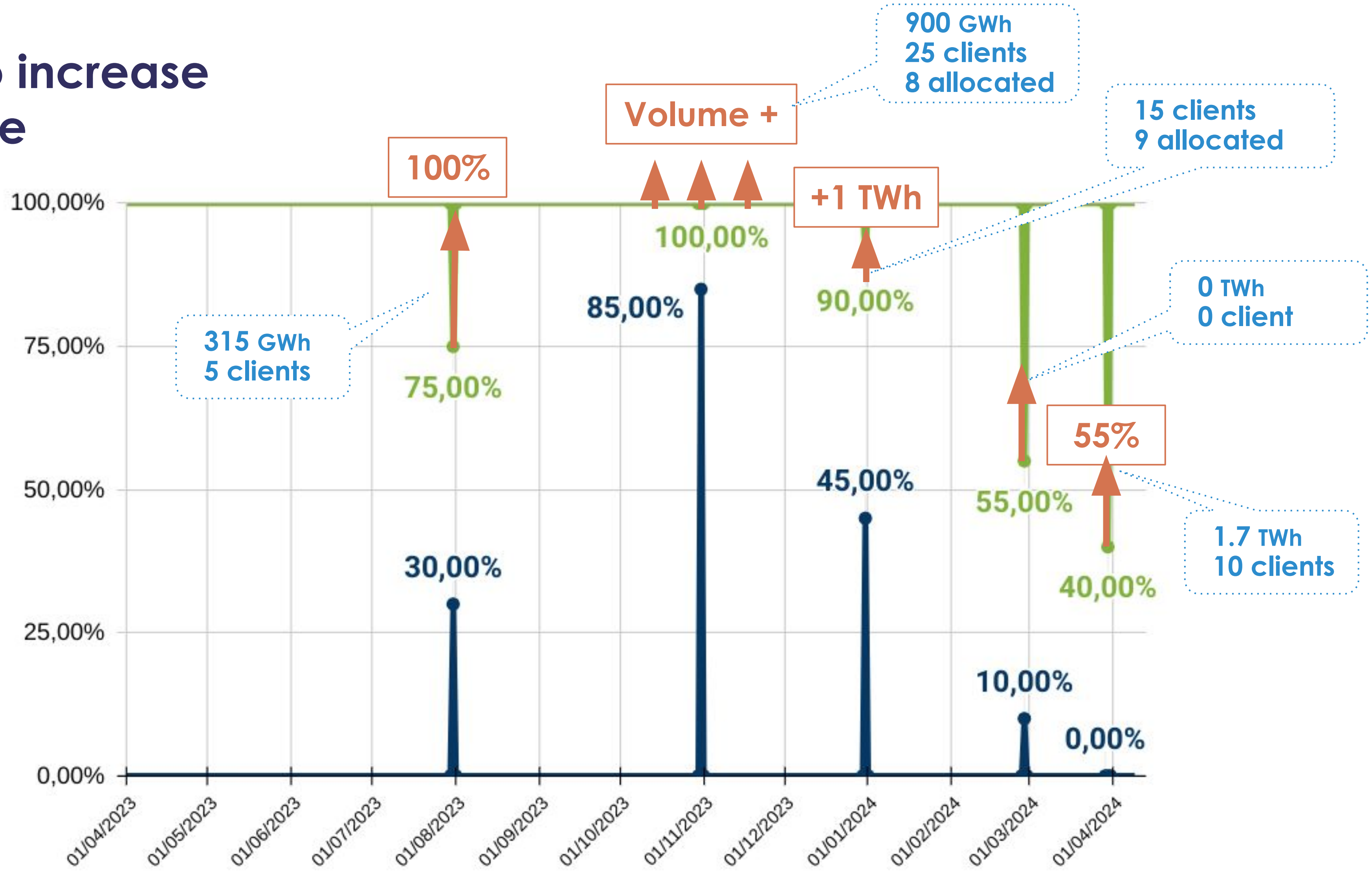
Additional Services to increase the % of gas in storage

Flexible gates SUBSCRIBED

Take advantage of market conditions

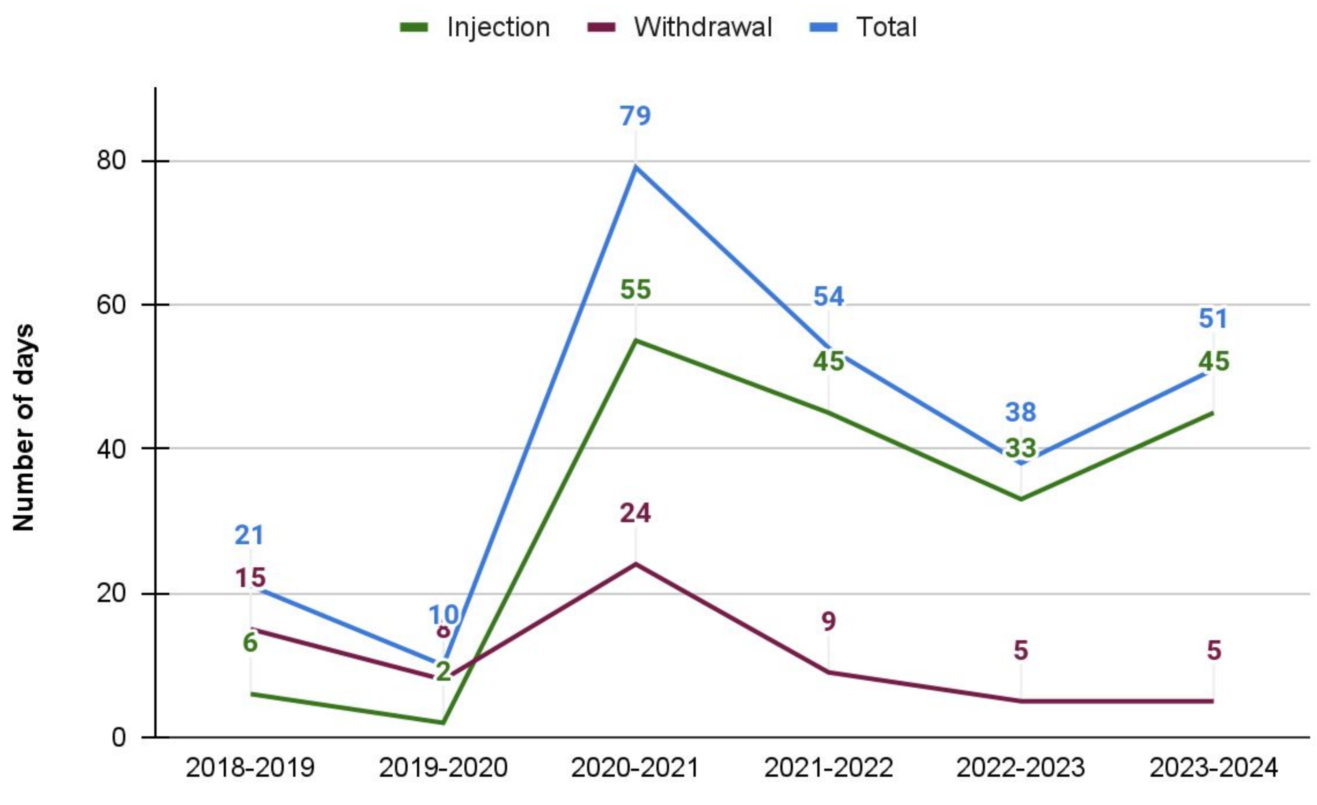
Volume + SUBSCRIBED

Increase your storage capacity



LOOK BACK AT STORAGE ACTIVITY

Number of days with a demand greater than 90% of the nominal capacities



Main Highlights

More demanding use of Teréga's storage than last year

Storage is requested at more than **90%** of total nominal capacities **14%** of the time

Decrease on withdrawal sollicitation is mainly due to congestion management (South > North)

Results of 24/25 storage sales campaign

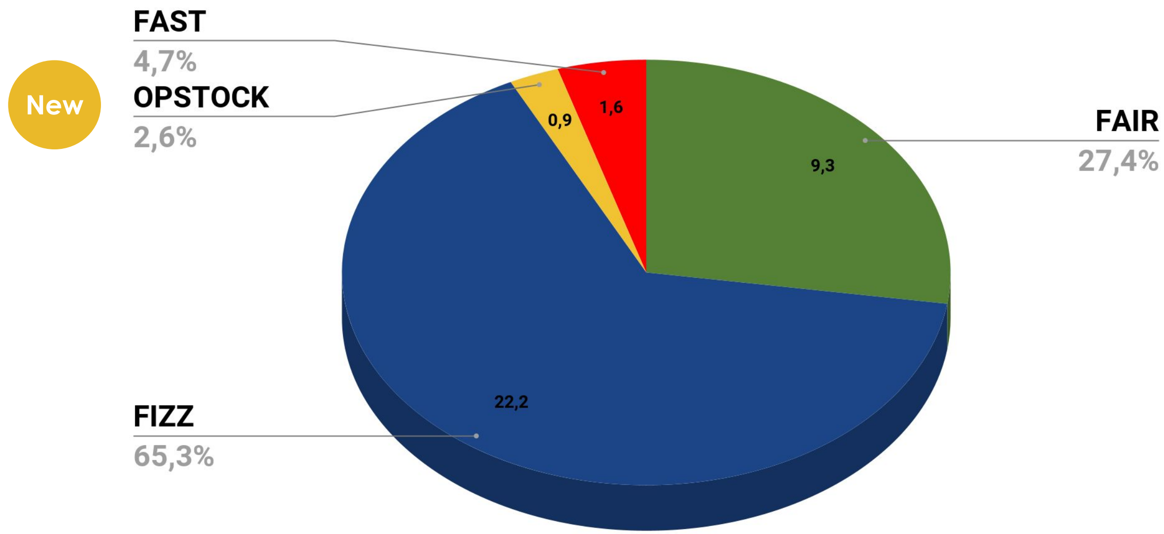
Fabrice CONQUES Transmission and Storage Account Manager

STORAGE - Auctions 24/25

100% of capacities sold: 34 TWh

Auction Revenues:

175 M€



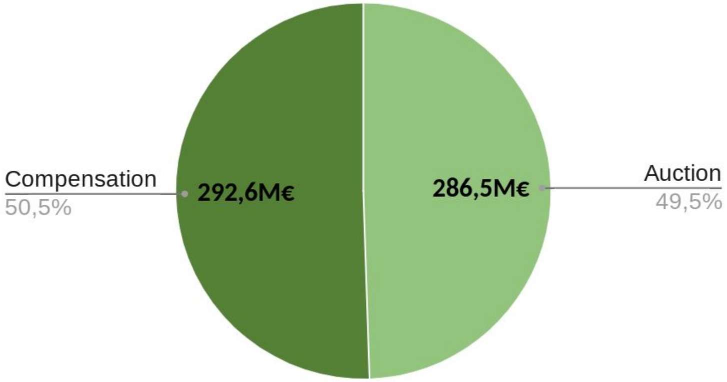
Main Highlights

16 Auctions	36 Beneficiaries
100% Loyalty Rate	5.15 €/MWh Weighted Price (weighted S/W spread: 2.40 €/MWh)

STORAGE - Auctions 24/25

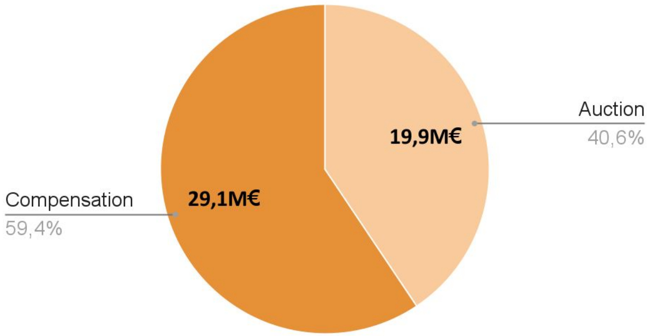
Storengy 2024

Authorized Revenus : **579.1 M€**



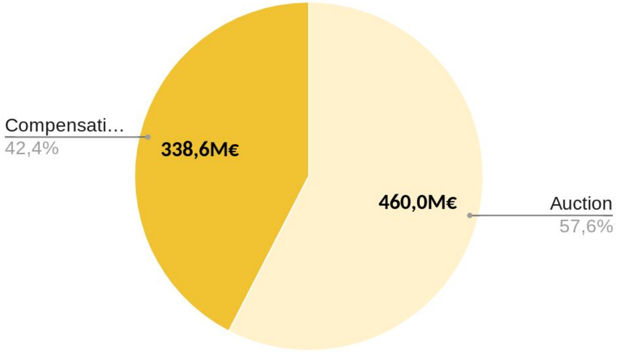
Géométhane 2024

Authorized Revenus : **49.0 M€**



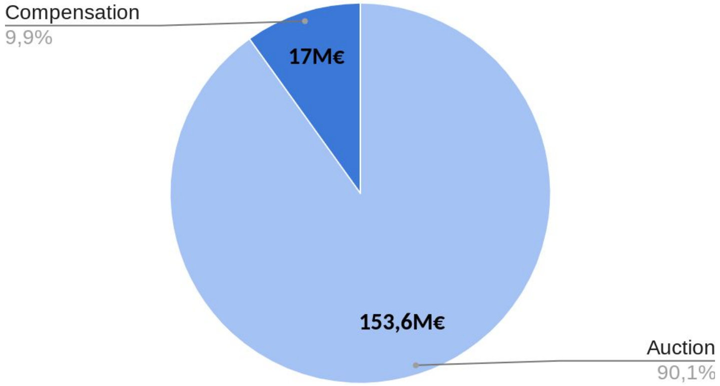
France 2024

Authorized Revenus : **798.6 M€**



Teréga 2024

Authorized Revenus : **170.5 M€**



QUESTIONS?

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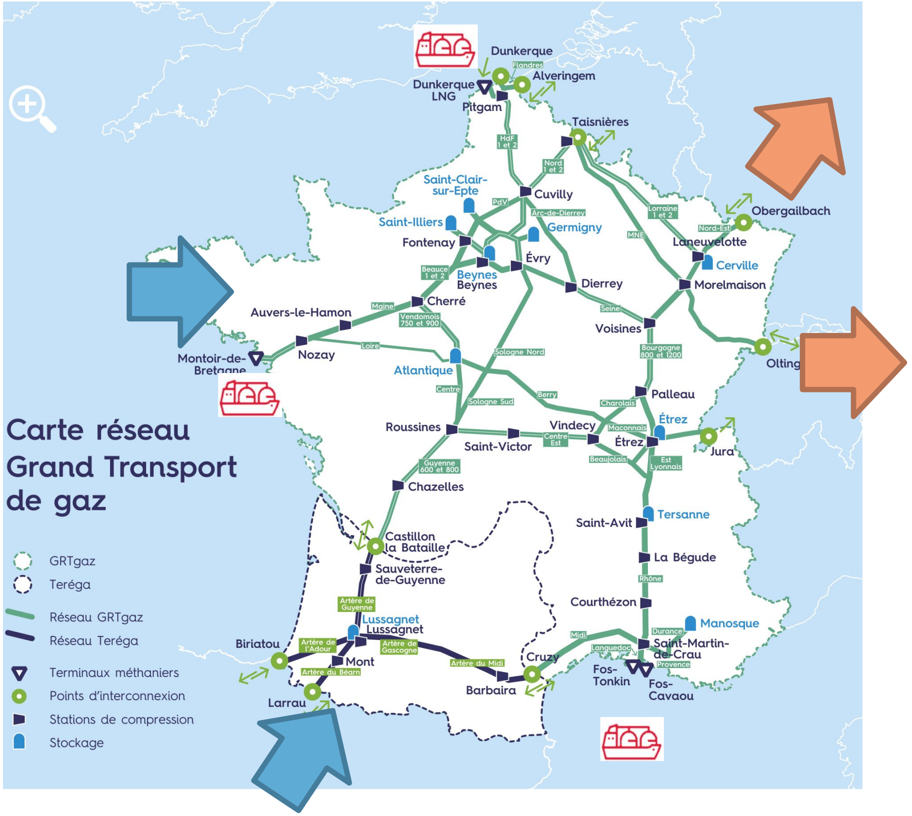
03. UPCOMING CHANGES 2024-2025

Gabriel ANDRE Head of Transmission and Storage Offers
Emmanuel BOUQUILLION Transmission and Storage Account Manager

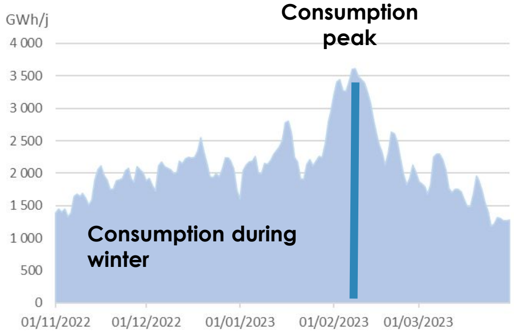
SECURITY OF SUPPLY 24/25

SoS still remains a major concern at both European and national levels



Ensure security of gas supply to French consumers

The national sobriety plan is still going on…



Secure a volume and winter consumption peak

Review of regulation and risks currently performed by DGEC :

- Mechanisms for storage fillings
- AggregateEU
- Public Service Obligations
  - Risk 2% vs balancing obligations
  - Diversification of supply sources
- Assessment of imports capacity

SECURITY OF SUPPLY 2024 : Storage fillings

Today:

➔ **Minimal stocks** necessary for Security of Supply for winter 24/25 are reached

- Storage market campaign ended successfully
- Threshold at 1845 GWh/d withdrawal peak rate

Summer 24: storage fillings

➔ **Gas Storage Act** by EC, trajectory 2024

New

41% February
11% May
39% July
81% September
90% November

SECURITY OF SUPPLY 24/25

Regulatory package set up by TSOs to ensure security of supply

3 regulatory mechanisms

CONSUMPTION REPARTITION	GUARANTEED INTERRUPTIBILITY	SELECTIVE CURTAILMENT
Conso > 30(0) MWh/y	Conso > 5 GWh/y + CJS > 20 MWh/d	Conso > 5 GWh/y

– Level of transmission grid stress and imbalance +

RÉPUBLIQUE FRANÇAISE
Liberté
Égalité
Fraternité

Energetic sobriety plan

Still relevant for 2024-2025

February-April 2024:
Investigation campaign about selective curtailment

114 industrial customers

SUMMER OUTLOOK

Seasonal outlook complying with Energy Code (Art. L141-10)

Joint analysis performed by GRTgaz and Teréga at TRF level

Objective: check the possibilities of storage fillings between April and October, taking into account the network limits and the programmed maintenance

Summer Outlook is an Assessment study of infrastructures capacity

- not a forecast tool, not an assessment of availability of supply sources
- simulations based on availability of both storages and LNG terminals

Updates 2024:

➔ FSRU Le Havre: commissioned in October 2024
➔ Consumptions: impact of prices & sobriety
➔ Programmed maintenance 2024

SUMMER OUTLOOK

Simulation from 01/04 to 31/10/2024

Entry/Exit scenarii

Scénarii without russian gas - tight flows in Europe oriented W→E (consequently S→N at French level)

Storages

Initial storage as of April 1st : 44,8 TWh zone H / 1,2 TWh zone B
100% of storage bookings (therefore 74,7 TWh to be injected in zone H for full fillings)

Consumptions

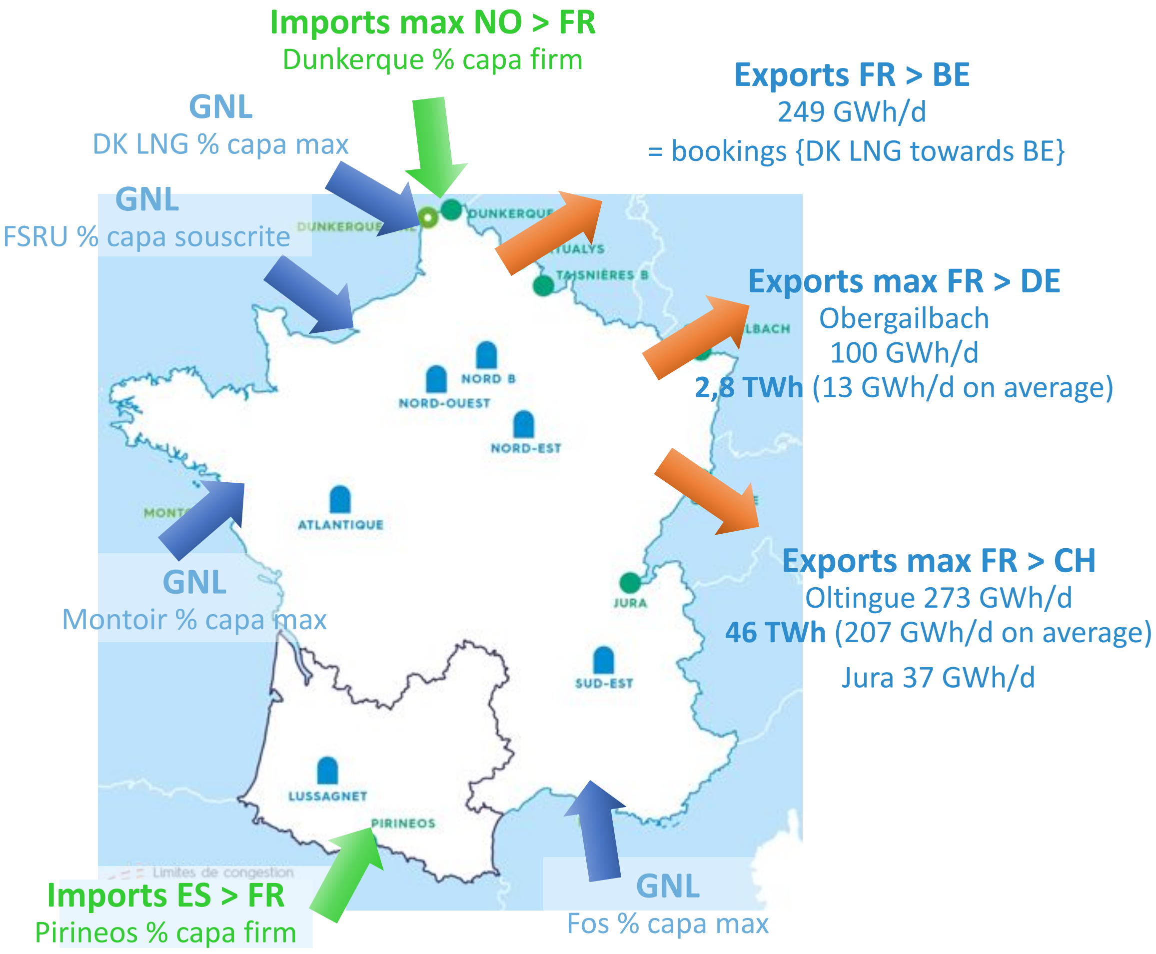
Scenario of average consumption
Public distributions + Industrials : consumptions of 2023 applied to 2017-2021 average profile
CCGT : average consumption 2017-2021 applied on monthly basis

Scenario of high consumption
Public distributions: consumption of 2016 with sobriety of 10%
Industrials : consumption of 2018 applied on historic profile of 2016
CCGT : consumption of 2022 applied on monthly basis

Maintenance

Publications of TSOs and adjacent operators on entry/exit TRF points
Restrictions of capacity and other impacts on TRF limits : « small maintenance», failures, impacts on limits S > N
Restrictions on NS are studied & published but without impact in expected flow scenarii

SUMMER OUTLOOK: scenario without russian gas by pipe



Stock H as of 31/10 (% VU) (*)				
% usage of capacity Dunkerque, Pirineos & PITTM	**100%**	**90%**	**80%**	**70%**
Scénario high consumption	100%	100% (100%)	91% (85%)	69% (62%)
Scénario average consumption	100%	100%	100% (100%)	100% (95%)

1% of fillings H = 1,2 TWh ≈ 1 LNG tanker ≈ 4 days of exports at Oltingue
( ) : with max capacity at Dunkerque = 520 GWh/d (instead of 570)

Fillings target and intermediary trajectory are satisfied.

Intermediary trajectory not all satisfied but target as of 31/10 OK

Target as of 31/10 not satisfied

Network limits do not constrain the filling of storages

➔ Sustained use of the Dunkirk, Pirineos & PITTM entry Points is necessary for a good level of storage filling

Terēga

SUMMER OUTLOOK: key messages

- **SoS : strong willingness of maximisation of storage levels at the end of Summer**, to tackle potential cold winter with exports towards Switzerland, Belgium and Germany

- **Storage full fillings at the end of October is possible, considering available capacity on the network and programmed maintenance**

- Because of interruption of russian supplies (tensions Europe W>E), margin is tight
  - Appropriate storage fillings need a usage of entry points Dunkerque, Pirineos and LNG terminals at a level close to maximum over whole season

- **Sobriety efforts must remain** to allow storage fillings even in case of cool summer and/or economic recovery

- **S>N limits might be reached during maintenance (if low imports from Norway) without impact on Summer fillings**

TRADING REGION FRANCE (TRF): Potential evolutions

Congestion Management

TRF by GRTgaz & Teréga

31st of May: Concertation Gaz

- Lookback Winter 23/24
- Update of occurrences of congestions S/N
- Limitations of summer maintenance impacts N/S

Mechanisms:

- Storage operational swap: updates ?
- Locational Spreads: updates ?

Process:

- Potential public Consultation in June
- If any, Deliberation end of September

Greater Flexibility to book capacity at IPs - CAM NC revision

The func issue process has been finalized => CAM Network Code revision is ongoing

Solutions proposed during ACER workshop

- Additional UPAs after ACAs
- Advance booking of M and D capacity products - BoM auction
- More flexibility in the Network Code for further improvements
- Price step adjustments, if needed, during ACA auctions

Other CAM NC considerations in discussion

- *Transparency improvements about capacity maximization*
- *Simplified Incremental Capacity Process*
- *Applicability of NC to entry/exit points with third countries*
- *Involvement of NRAs in implicit allocation process*

Current timeline

2021
ENTSOG/ACER analyse of solution after 1st market consultation

2022
ENTSOG/ACER Workshop and 2nd consultation

ENTSOG CAM NC proposal for amendments And ENTSOG/ACER Func Issue answer

2023
Commission reopened CAM NC. ACER Workshop and 3rd consultation

2024
ACER position paper (after Madrid Forum) NC CAM proposal

NC CAM revision

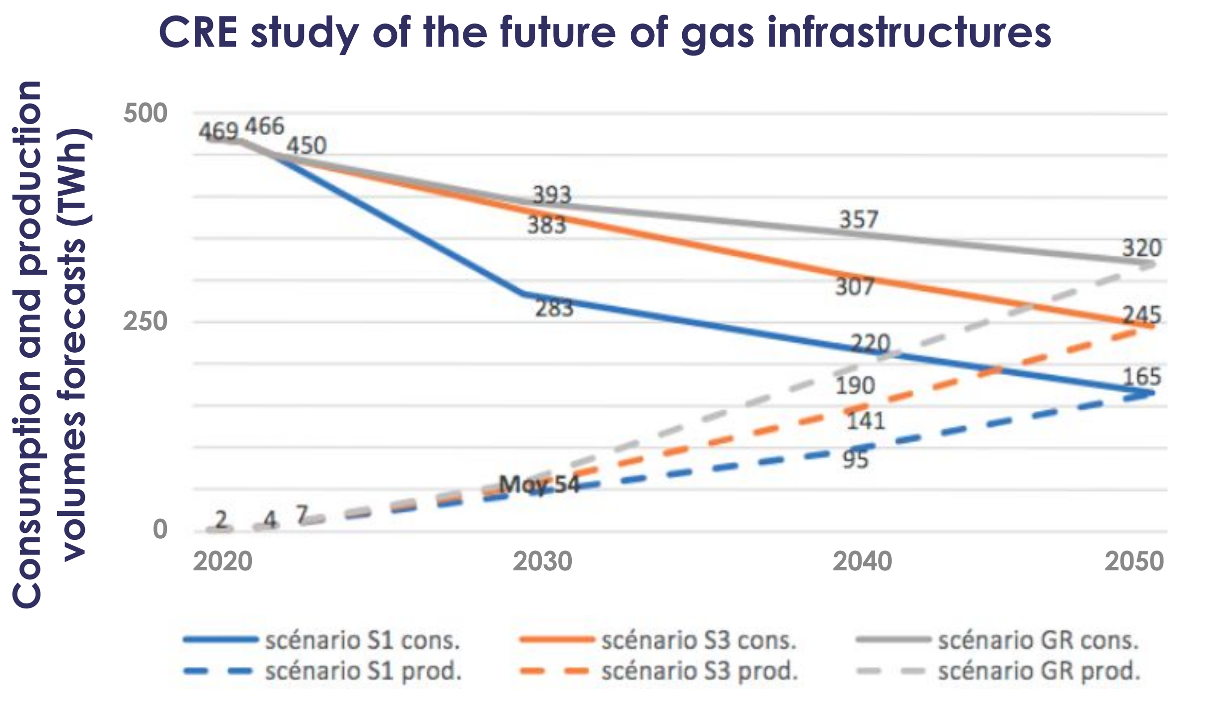
Consultations

Approval of NC CAM

A few words about new tariffs

Emmanuel BOUQUILLION Transmission and Storage Account Manager

ATRT8-ATS3 tariffs - *Context*



Stability of the infrastructures towards 2050

→ 95 % of current network will remain necessary
→ A need to invest between 6 to 10 billion euros to bring renewable gases onto the network

Operational Expenditures (OPEX) rising due to inflation

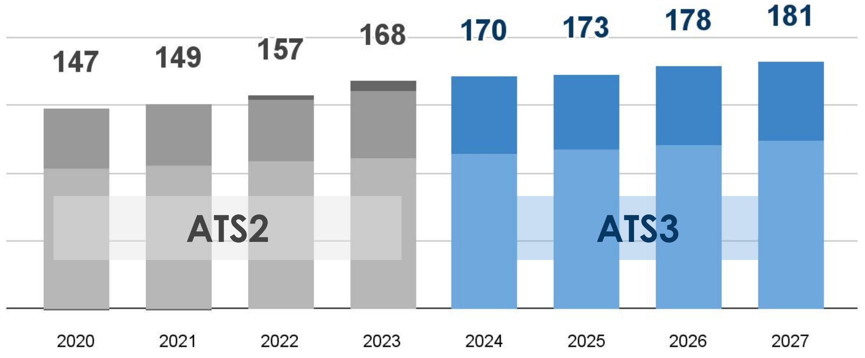
→ level set at level of 2022 + inflation

Lower bookings

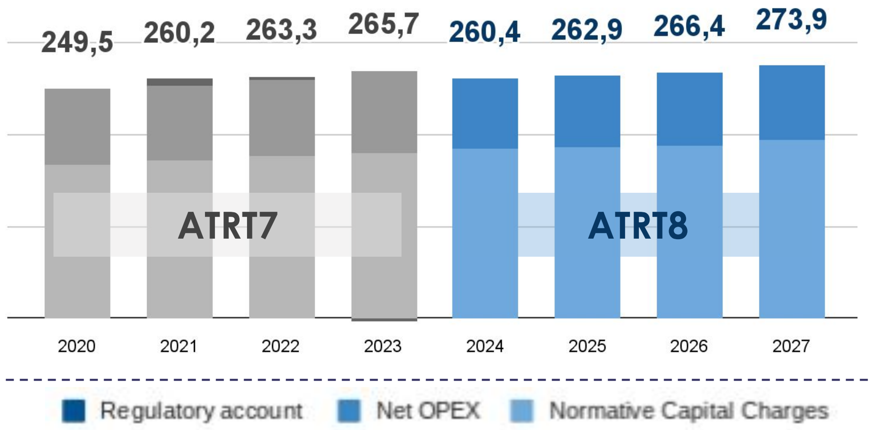
→ End of long term contracts at Pirineos
→ Lower gas consumption

ATRT8-ATS3 tariffs - *Allowed Revenue and Regulatory framework*

Allowed Revenue[1] for Storage (m€)



Allowed Revenue for Transmission (m€)



Regulatory framework

Necessary changes to deal with decreasing gas consumption and avoid a revenue squeeze.

⇒ for new assets :

- Shortening of the amortization periods: from 50 to 30 years for pipes and wells
- nominative WACC[2] (TR = 5,4% ; ST = 5,9%) & RAB[3] no longer inflated

Terēga

1 = sum of Teréga's costs   *2 WACC = Weighted Average Cost of Capital*   *3 RAB = Regulated Assets Base*

ATRT8-ATS3 tariffs - *Entry into force in 2024*

New

Transmission tariffs as of 1st of April 2024

Main network:

PITSE: +18,1% to **10.88 €/MWh/d**

PITSL: +32,5% to **28.52 €/MWh/d**

PS: +30,7% to **124.42 €/MWh/d**

Regional network:

TCR: +21% to **102.60 €/MWh/d**

TCL PITD: +21% to **67.18 €/MWh/d**

TCL PIC: +21% to **37.18 €/MWh/d**

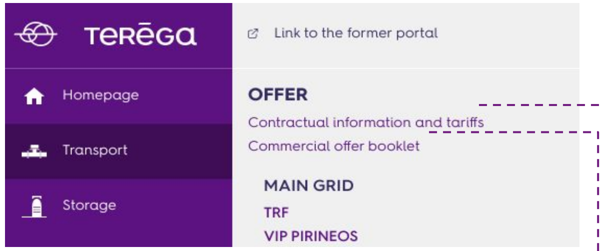
TFL: +21% to **4112.46 €**

New tariffs for PIRINEOS VIP as of 1st of October 2024

Entry: +23.6% to **130.63 €/MWh/d**

Exit: -1.2% to **580.15 €/MWh/d**

Teréga's Portal Informations



New tariffs

New commercial offer booklet & users guides

A first step in 2024, followed by an inflation-indexed growth

QUESTIONS?

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04. TRANSPORT & STORAGE OFFER 2024-2025

Emmanuel BOUQUILLION Transmission and Storage Account Manager

Fabrice CONQUES Transmission and Storage Account Manager

Transmission Offer

Emmanuel BOUQUILLION Transmission and Storage Account Manager

PIRINEOS VIP update - Additional Capacity

Main Highlights

Capacity Entry from Spain

New

+ 20 GWh/d

from July 1st 2024

For 2024 - 2025:

Firm capacity from May to October

Interruptible capacity from November to April

PIRINEOS VIP Update - Available Capacity

	Entry from Spain	Exit to Spain
Summer 2024	April: **Firm** = 4.6 GWh/d (bundled) **Inter**[1] = 40 GWh/d (discount = 50%) May-June: **Firm**[2] = 44,6 GWh/d (4.6 bundled) July-Sept: **Firm**[2] = 51,6 GWh/d (1.6 bundled)	**Firm** = 90.4 GWh/d (bundled) **Inter**[1] = 60 GWh/d (discount 15%)
Gas Year 2024/2025	**Firm annual** = 12 GWh/d - all bundled **Remaining firm** = 22.5 (Nov. → April) to 82.5 GWh/d (May → Oct.) - 22.5 bundled **Inter**[1] = 60 GWh/d (Nov. → April ; **discount = 25%**)	**Firm** = 87.5 to 97.5 GWh/d (bundled) **Inter**[1] = 60 GWh/d (discount 15%)

1: If firm sold ≥ 98%
Always unbundled

2: the firm capacity is sold unbundled Q and M but can also be sold bundled or unbundled on DA/WD depending on Enagas

Transmission commercial innovation - *Implicit allocation at PIRINEOS VIP*

Pilot Test

During the last SG meeting, the Spanish and French regulators agreed to the need of a pilot test

Implementation date still unknown (under discussion by the regulators)

Advantage of Implicit allocation

On top of PRISMA auctions (not in competition) ⇒ adding of **192 potential days** of capacity selling.

More business opportunities = increased market liquidity

More flexibility and shorter duration between commodity transaction and capacity booking

Key points
No Auctions premium: capacity sold at the regulated tariff
Joint test with Enagas using France-to-Spain firm bundled capacity
Reduction of publishing time range to increase number of IAM days

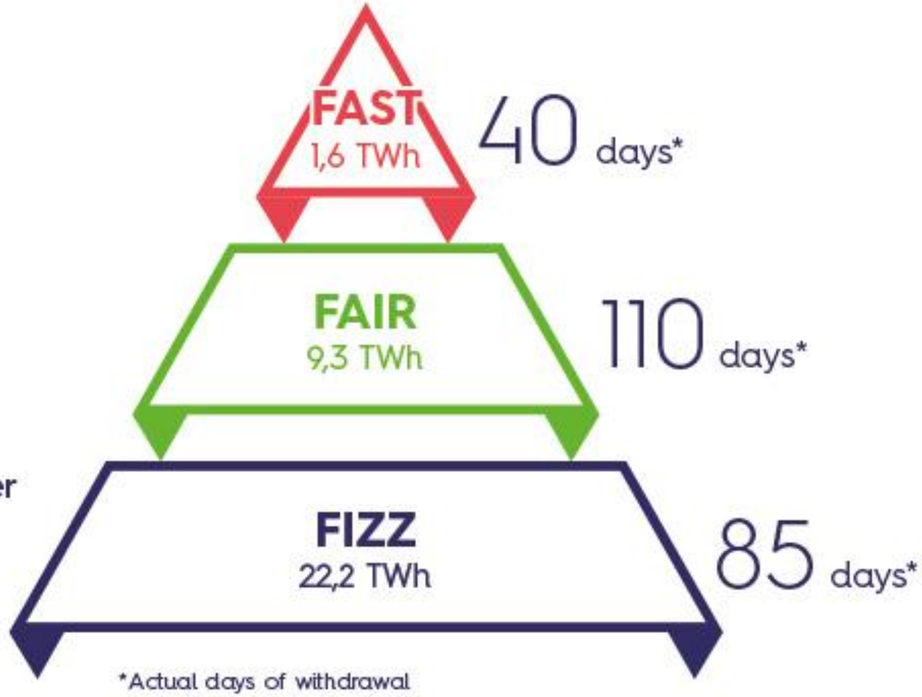
Main Highlights
Diversification of products: Adding Non Standards Products
Level of capacities offered via the IAM yet to be determined

Storage Offer

Fabrice CONQUES Transmission and Storage Account Manager

Teréga’s Standard Products Proposed for SY 2025-2026

- **The velocity**
  Reactive product to seize market opportunities
- **The sure value**
  Cyclical product to smoothly manage your storage
- **The basis of our offer**
  Intermediary reference product: the base of our offer



+ OPSTOCK
(0.9 TWh - 55 days*)

34 TWh

581 GWh/day

110 effective days in injection

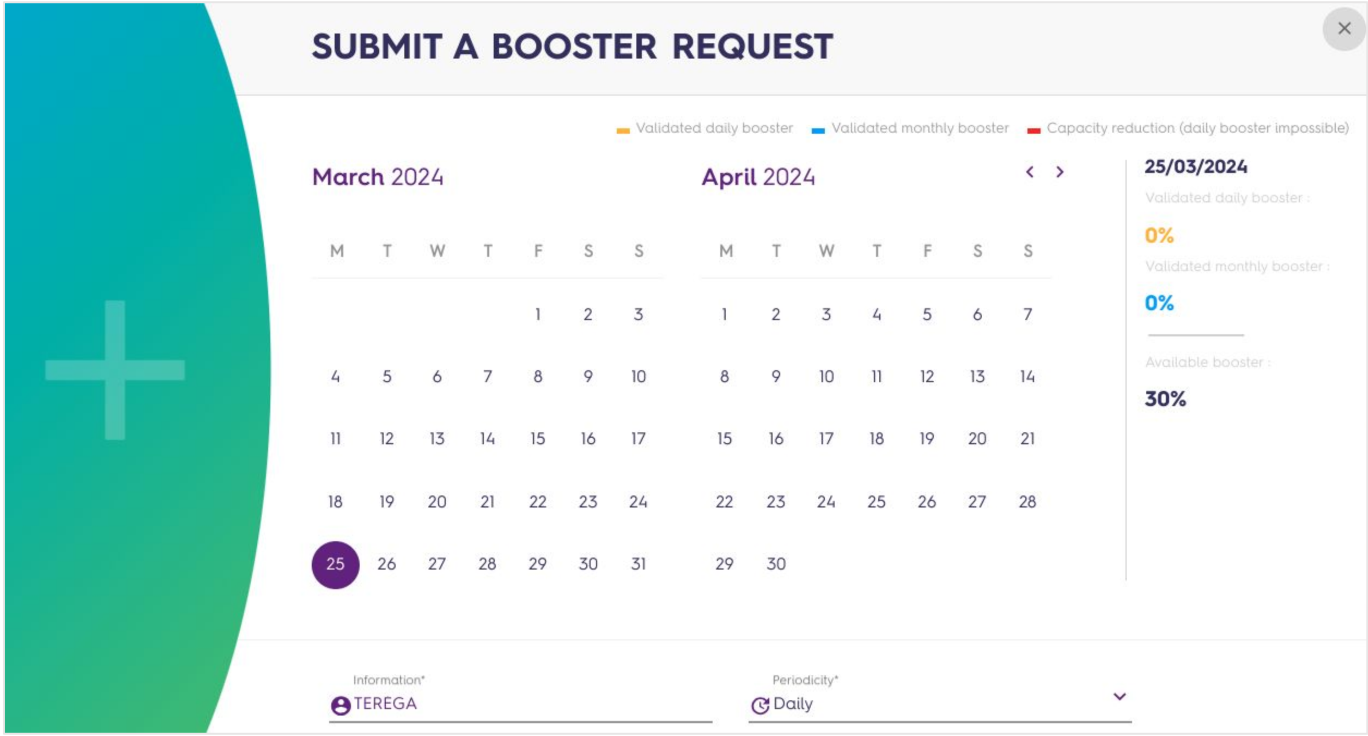
Booster Injection : Additional Service

Inject faster and faster

- Increase your injection capacity
- Choose your Booster rate up to 30% of your initial injection capacity
- Benefit from the PITS interruptible tariff

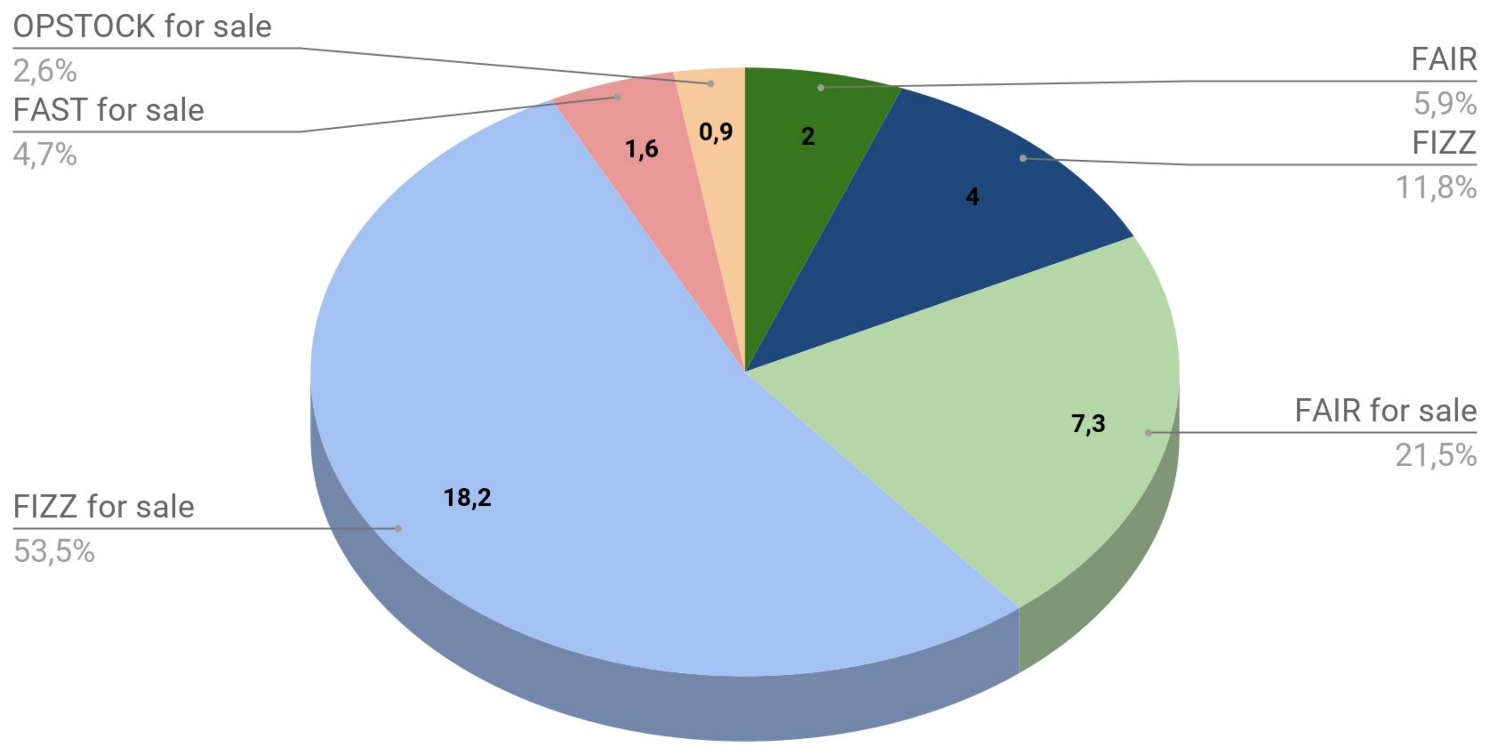
New

The Booster Injection can be requested on maintenance days



- The subscription must be made in customer portal
- At the latest, the day before for the next day (until 8 pm)

Marketing campaign for SY 25/26



17,7 %

Already booked capacity

Plan to reach

70% by the end of 2024,
therefore 17 TWh to auction:

5 TWh of FAIR

12 TWh of FIZZ

Last 30% in Jan/Feb 2025:

1.6 TWh of FAST

0.9 TWh of OPSTOCK

Auctions Calendar *

* Could be updated depending on market conditions

Auction day	Time	Product	Storage Year	Volume (GWh)
Thursday **16 May 2024**	11:00	**FAIR**	**2025 - 2026**	**2 500**
Thursday **23 May 2024**	11:00	**FIZZ**	**2025 - 2026**	**3 000**
Thursday **23 May 2024**	15:00	**FIZZ**	**2026 - 2027**	**2 000**
Thursday **13 June 2024**	11:00	**FIZZ**	**2025 - 2026**	**3 000**
Thursday **13 June 2024**	15:00	**FAIR**	**2026 - 2027**	**2 000**
Tuesday **08 October 2024**	11:00	**FAIR**	**2025 - 2026**	**2 500**
Tuesday **15 October 2024**	11:00	**FIZZ**	**2025 -2026**	**3 000**
Tuesday **5 November 2024**	11:00	**FIZZ**	**2027 - 2028**	**1 000**
Tuesday **5 November 2024**	15:00	**FIZZ**	**2028 - 2029**	**1 000**
Tuesday **26 November 2024**	11:00	**FIZZ**	**2025 - 2026**	**3 000**

Teréga will stick to this calendar unless strong negative market conditions

Visibility will be given as much as possible for future auctions in 2024 (both N+1 and pluriannual)

Volume + : Additional Service

Technical study

To increase Maximum Stock Level between April 1st 2024 and 31st March 2025

Volume +

- ➔ **Only for customers holding capacity : SY 24/25**
- ➔ **Allocation:**
  - auction in one round
  - pay-as-bid
  - reserve price = 0.30 €/MWh
- ➔ **Volume only ⇒ injection and withdrawal rates remain**
- ➔ **MIN and MAX levels for each gate remain linked to standard products**
- ➔ **No limitation on volume booked above standard products (> 100%)**
- ➔ **Billing: one bill on M+1 after auction**

Potential Offer*

* To be confirmed depending on operational conditions

Volume +
→ Potential first part (between April and May)

Flexible Gate on July 31
→ Possibility to have more than 75% of gas in storage

Volume +
→ Potential second part (August/September ?)

October 31
→ obligation to have more than 85% of gas in storage

Flexible Gate on December 31
→ Potential Auction of 500 GWh or 1 TWh to have more than 90% gas in storage

QUESTIONS?

www.menti.com

Code: 8782 4102

05. CUSTOMER SUPPORT

Quality of Service & Maintenances & New features

Dimitri LE SCEL	Head of Gas System and Customer Service Department
Patrice BETBEDER	Head of Customer Support Service
Nelly LABORDE	Head of Marketing Service

Quality of Service

Dimitri LE SCEL Head of Customer Service department

REQUESTS AND CLAIMS ANALYSIS 2023

COMMISSION DE RÉGULATION DE L'ÉNERGIE

143

requests and claims*

vs 176 in 2022

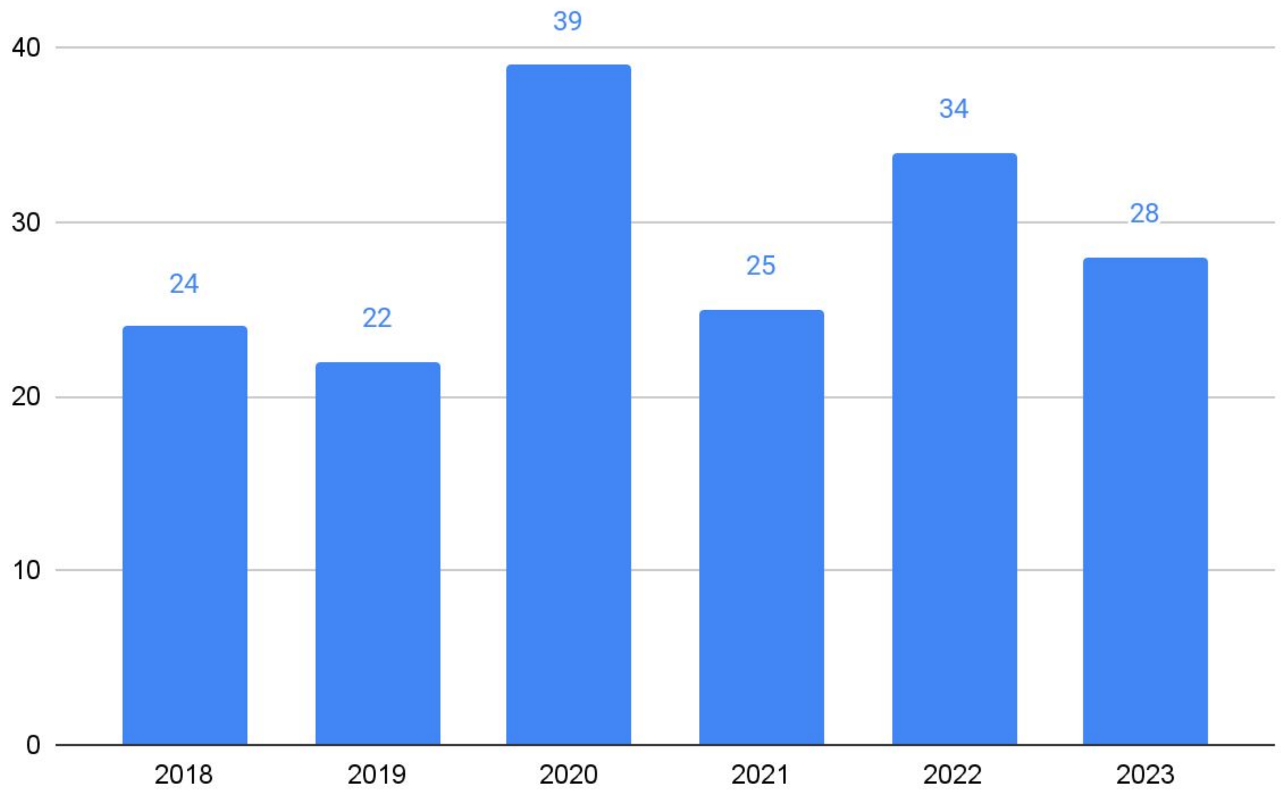
0.93 day:

average response time

vs 0.78 in 2022

* Any request questioning the validity of the technical or contractual data transmitted by Teréga

Number of well-funded claims



MAIN CRE KPI FOR METERING QUALITY SERVICE

COMMISSION DE RÉGULATION DE L'ÉNERGIE

	2023	RULES
PITD Transport-Distribution Interface Point	**99.4%** of conform days 363 conform days on 365 *vs 100% in 2022*	**2%** tolerance on global PITD quantity between data transmitted daily and monthly
PIC Customer Interface Point (Industrial)	**98.5%** of very high quality data about 3700 data each month *vs 98,8% in 2022*	**1%** tolerance on every PIC quantity between data transmitted daily and monthly (for very high quality)
Intra-D Hourly Publication (industrial customers)	**98.3%** of very high quality data about 17 700 data each month *vs 98% in 2022*	**1%** tolerance on every PIC quantity between hourly data transmitted daily and monthly (for very high quality)

Summer is coming…
Maintenances too!

Dimitri LE SCEL Head of Customer Service department

2024 MAINTENANCES AND REDUCTIONS

Publication regarding impacts on Teréga points

S1 **downstream Superpoint Lussagnet + Pirineos**

E02 downstream Superpoint Atlantique + Lussagnet + Pirineos

Local maintenances

27 days of local restriction at PIRINEOS (Transmission): (Works for pipeline increase (Adour) & Maintenance Compression (Mont))

27 days of local restriction at LUSSAGNET (Storage): (1 day for annual emergency stop test & 26 days for works to add an injection bypass)

TRF maintenances North > South

172 days of maintenances published on the **S1** and **EO2** limits which makes it possible to optimize the available firm capacity.

Exits are impacted :

- Injection in Lussagnet/Pirineos Exit
- Interruptible capacities are interrupted
- No exit capacities commercialisation

TRF maintenances South > North

No publications, managed by limits

2024 MAINTENANCES AND REDUCTIONS

New

Booster Injection can be requested on maintenance days, except on storage maintenance days

Booster Injection reminders :

- Up to 30 % of nominal capacity
- Daily and/or monthly booking (PITSL interruptible transport cost)

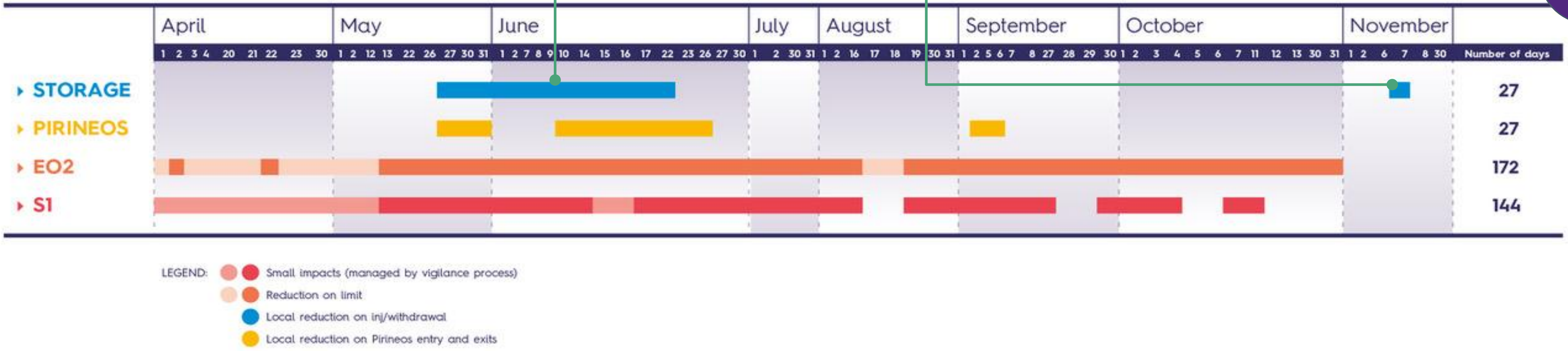
Booster Injection VS TRF congestion :

- Interrupted in case of N/S congestion
- **Preserved in case of S/N congestion**

New

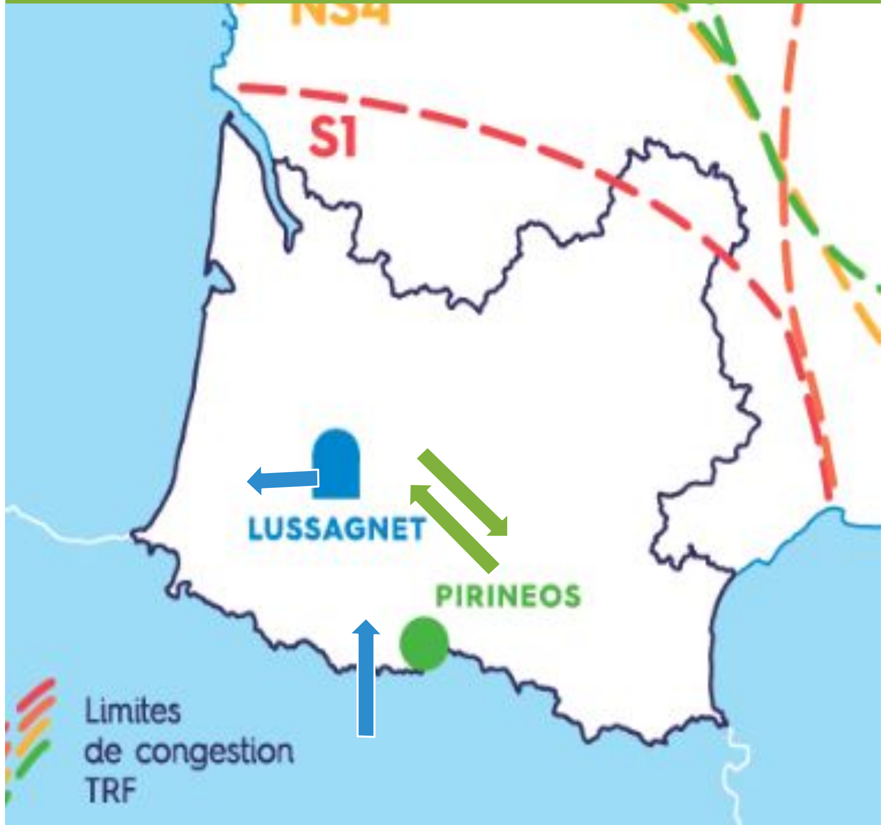
Update

Update 27/2/2024



2024 MAINTENANCES AND REDUCTIONS: Superpoints Optimization

S1 : communicating vessels



EO2 : Transfer of operational capacities

E02 & S1: UIOLI

- Requested as overnomination
- Attributed as interruptible quantity
- First come, first served
- Mutualised with GRTgaz on E02

Consult [Maintenance and reduction 2024 guide] (p18 → 26) for details and explanations and limitations available

S1 and EO2 → Bonus: Entry at Pirineos or Withdrawal at Lussagnet

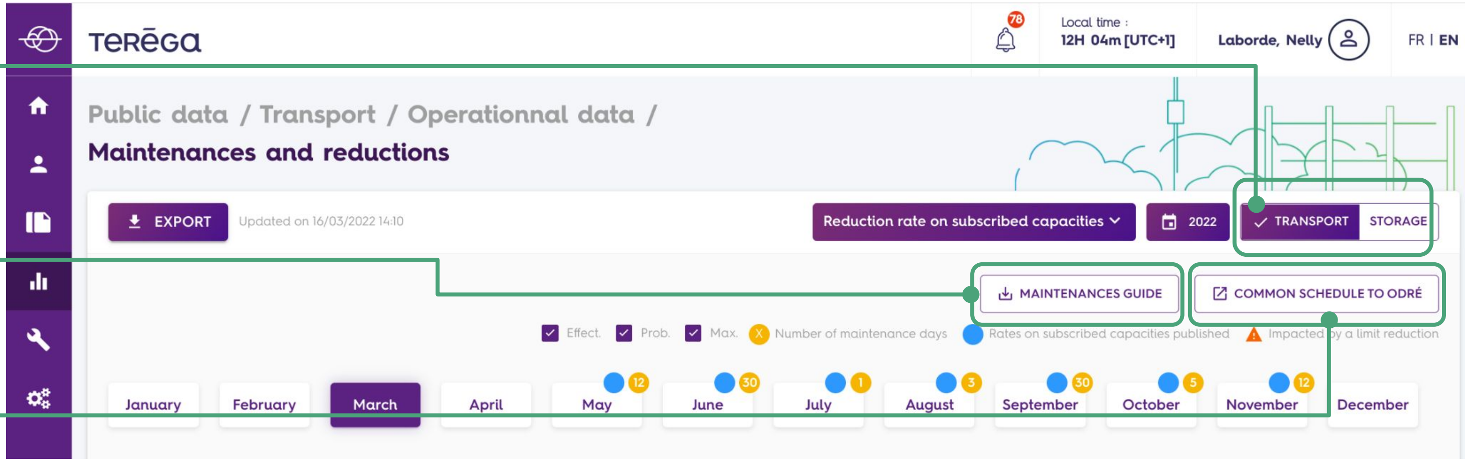
2024 MAINTENANCES AND REDUCTIONS: Public Information

Maintenances and Reductions

View transport OR storage

Guides

Direct access to ODRE platform



API

Maintenance and reductions

[API demand]

Transmission & Storage: available reductions rates and reductions capacities during Transmission (Local & TRF) & Storage maintenances.

2024 MAINTENANCES AND REDUCTIONS: Private Information

Informations about impact on your operational capacities

Portal Private access

- ➔ **Local PITT Pirineos:**
  My data > Subscriptions > Subscribed transmission capacities / My subscribed capacities details / point type PITT / point PITTE-Pirineos or PITTL-Pirineos
- ➔ **Storage / CLT:**
  My data > Operations > Storage operational monitoring
- ➔ **TRF EO2 & S1:**
  My data > Operations > TRF operational capacities

New: your operational restricted capacities at D-1 and D are available on Nomination helper

More details on Maintenance and reduction 2024 guide (p12 ➞ 15)

New Features

Patrice BETBEDER Head of Customer Support Service

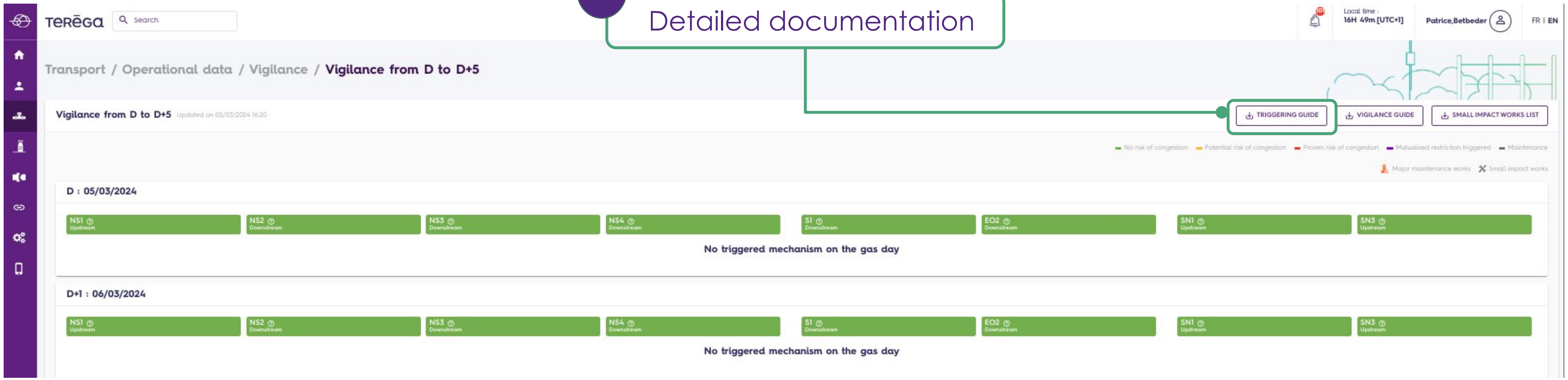
REMINDER: NEW mechanisms of decongestion since the 11/01/2023

New

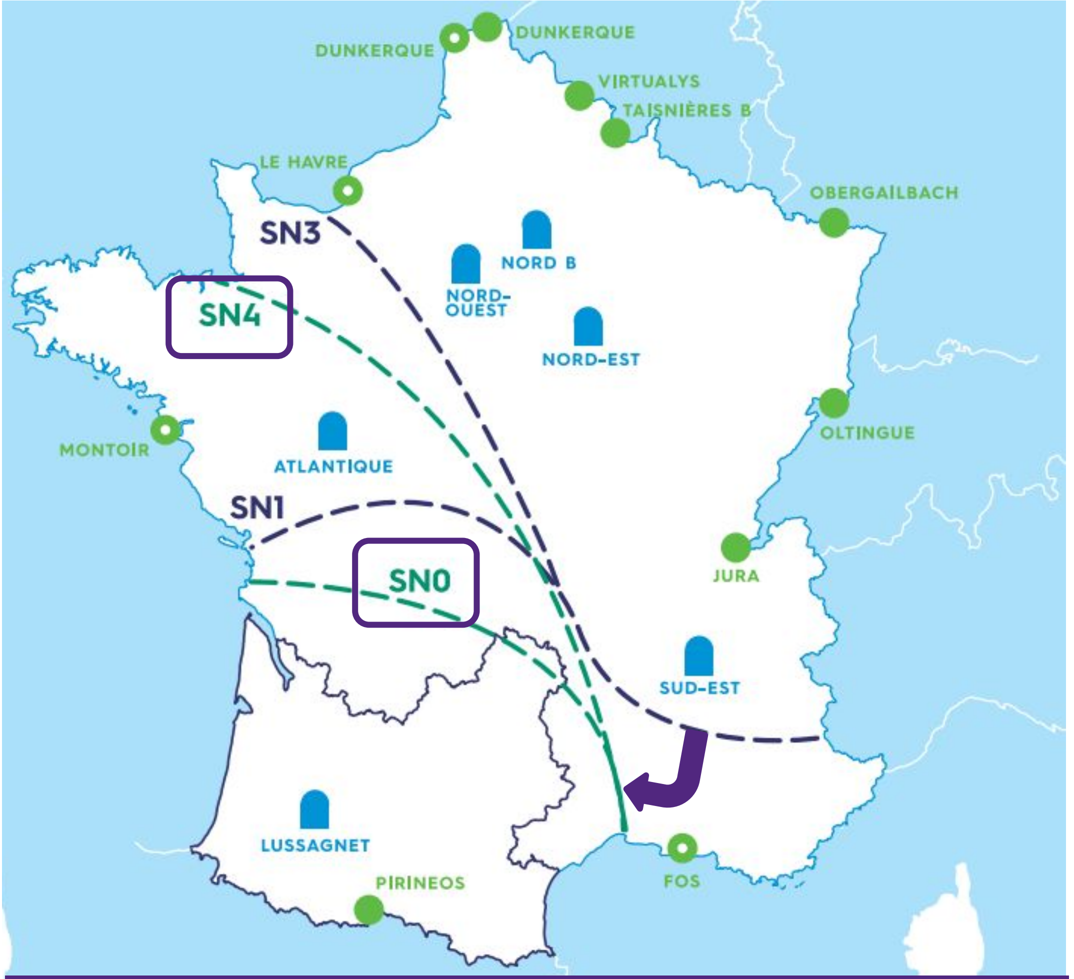
New terms and conditions apply to manage **South North** congestion from November 1, 2023. CRE Deliberation of 10/12/202

1. New **Interruption of UIOLI for withdrawal (SN congestion only)**
2. Interruption of interruptible capacities, no sales of available firm capacities **(booster or UBI injection are not interrupted)**
3. Locational Spread (SL)
4. Mutualised restriction (RMUT)
5. New **Early restriction**

New Detailed documentation



NOVEMBER 2024 : Creation and monitoring of SN0 and SN4



South → North limits

New

From the **1st november of 2024**

2 New limits: **SN0** and **SN4**

Correspond to the limits SN1 & SN3 passing Fos downstream of the limit

The SN0 & SN4 limits can be reached **when there is low emissions in Fos**

NOVEMBER 2024 : Creation of South > North Superpoints

New

South > North superpoints used in the event of a **Mutualized Restriction** CRE Deliberation of 10/12/2023,

South > North superpoints:

- **Superpoint Pirineos + Lussagnet + Atlantique** for the limits **SN3 & SN4**
- **Superpoint Pirineos + Lussagnet** for **limits SN0 & SN1**

Differ from existing North > South superpoints:
Restriction rates **between storage and Pirineos** calculated by firstly **reducing withdrawal from storage** and then homogeneously reducing the remaining Pirineos points and the LNG terminals.

Same mechanisms of existing superpoints:
(Capacity transfer, communicating vessel between Lussagnet and Pirineos, UIOLI common pot).

South → North limits

NOMINATION HELPER: PITS Lussagnet (LUG)

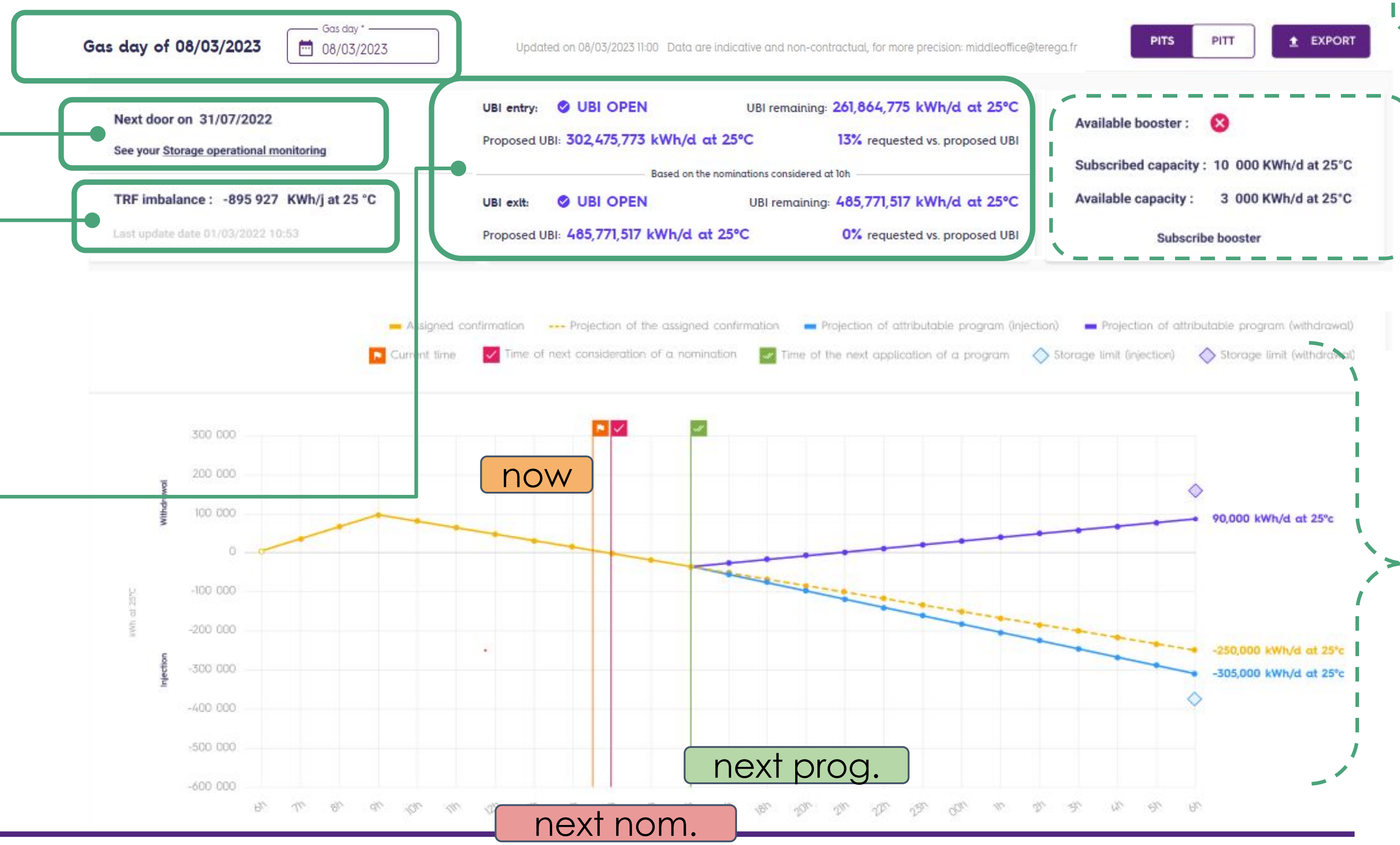
Nomination helper PITS

Gates: reminder + access to your stock level

Your imbalance TRF

UBI disponibility

Booster information



- operational capacities in withdrawal prorated along the day
- assigned and projected programming curve until the end of the day
- operational capacities in injection prorated along the day

NOMINATION HELPER: PITT Pirineos

Nomination helper PITT

Calendar: to access to past data

Available Capacities

UBI disponibility New: Entry and Exit

PITT Mismatch

NOMINATION HELPER: TRF maintenances & reduction → Superpoint TRF

Nomination helper Superpoint

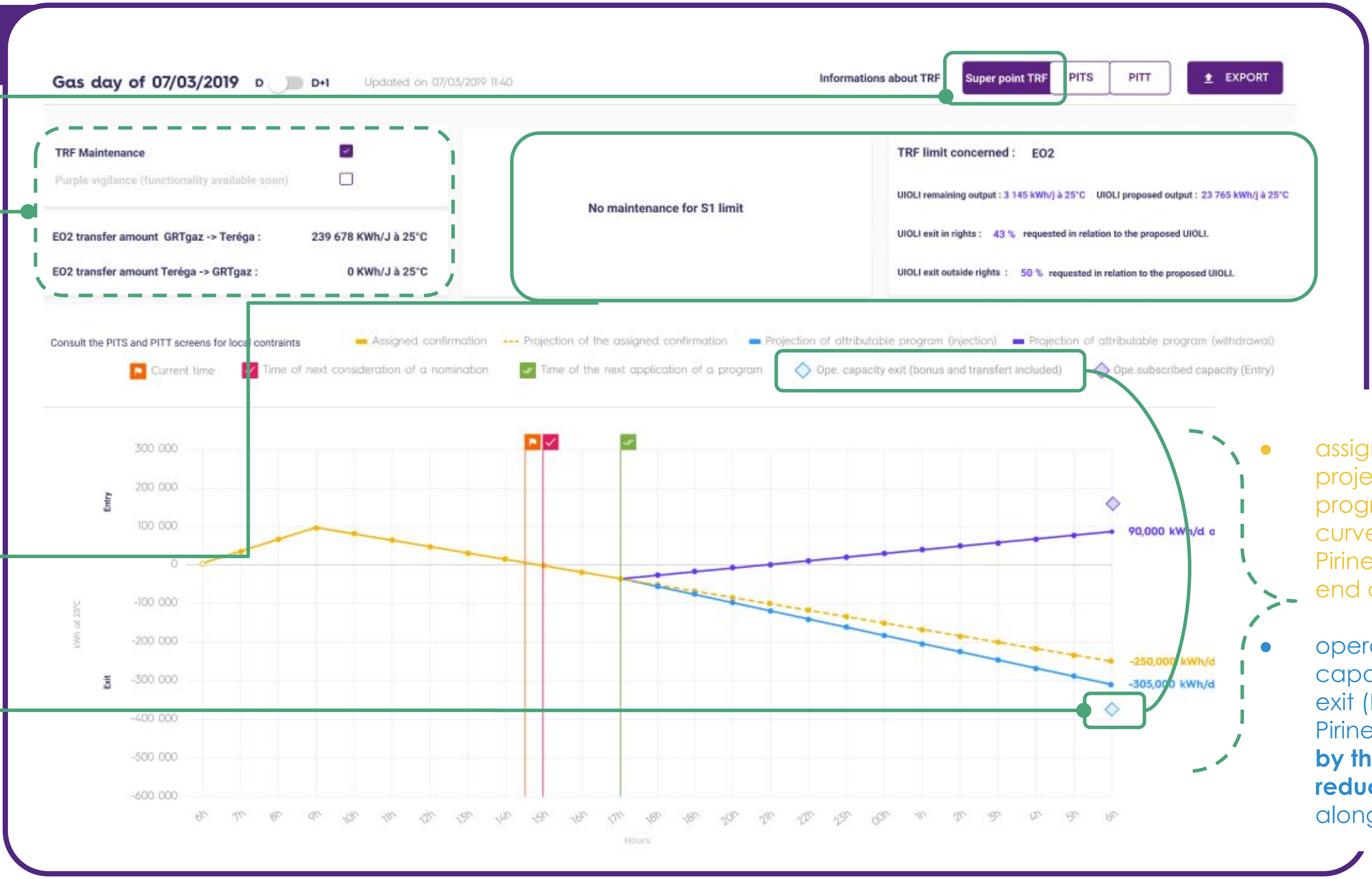
Available if TRF maintenance day

Maintenances on EO2 and S1 or Rmut **in all superpoints NS and SN** and quantity you can transfer between GRTGAZ ⇔TEREGA

New

Quantity of UIOLI remaining, proposed and requested

Operational capacity exit



- assigned and projected programming curve (Lussagnet + Pirineos) until the end of the day
- operational capacities in exit (Lussagnet + Pirineos) **impacted by the TRF reduction** prorated along the day

NOMINATION HELPER: Scheduled 2024 - Following Ambassador Club

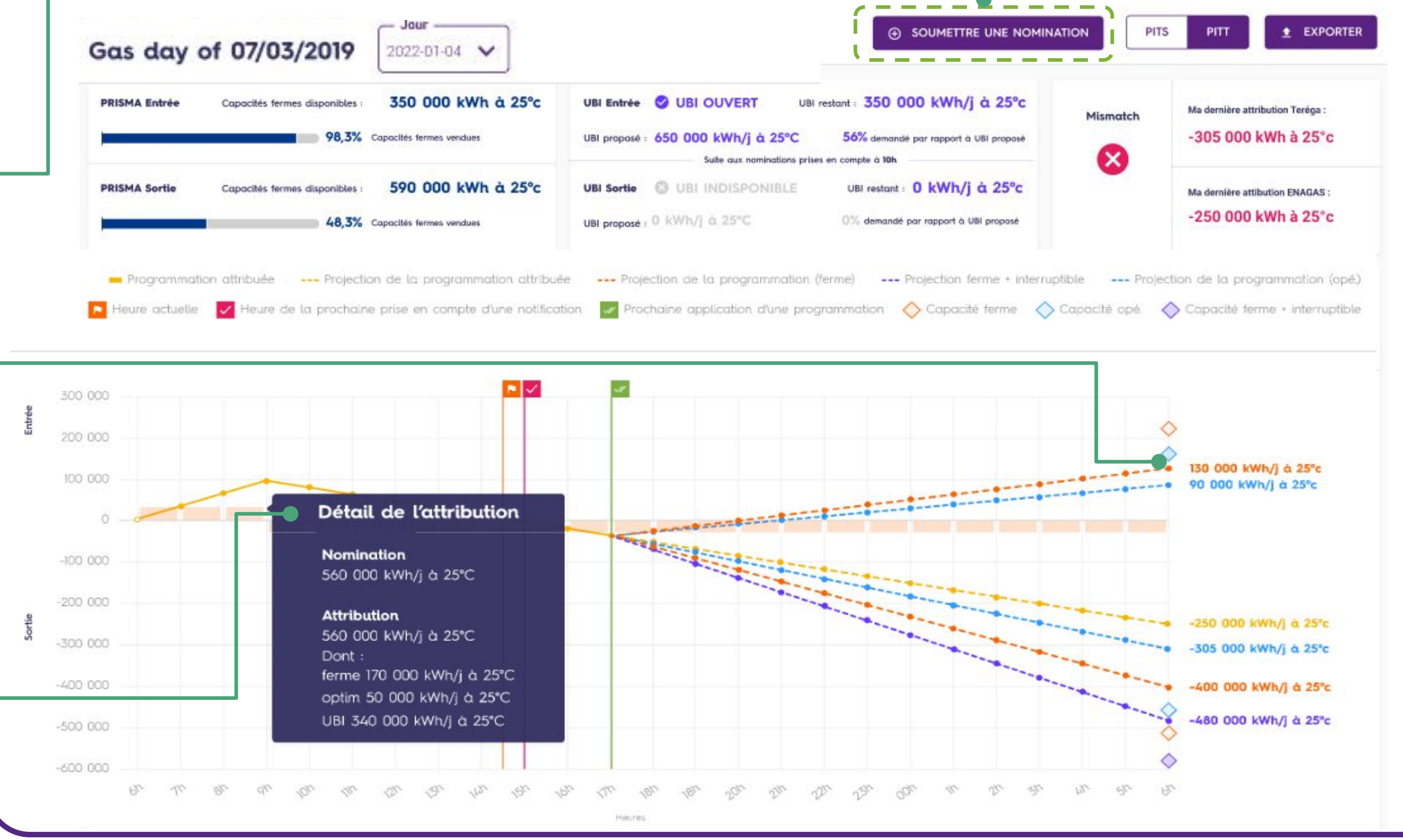
Nomination helper

Carry out your nominations

Add Firm and Interruptible subscribed capacities

Detail of the quantities already allocated by nature (F/I/Ubi etc)

API



REGIONAL GRID: Intraday consumption API

New

Private intraday consumption A

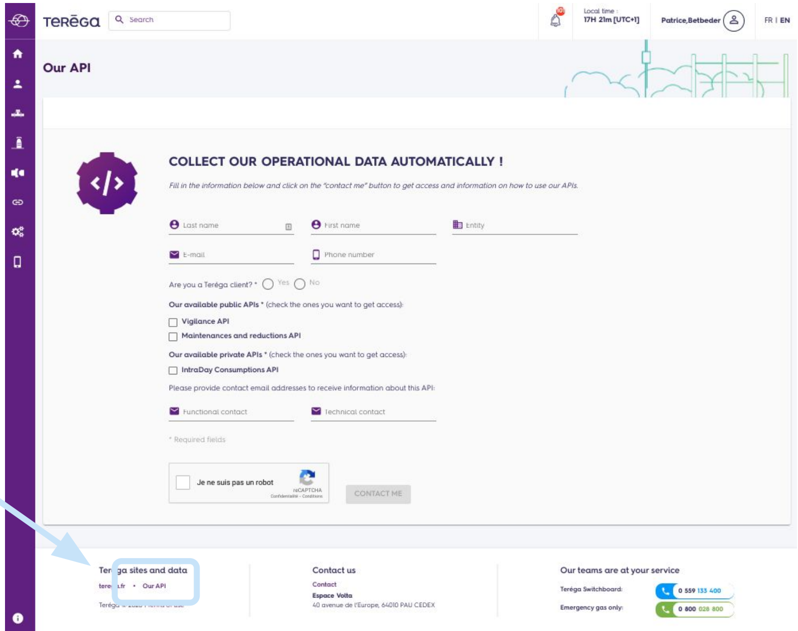
PIC and PITD intraday data, as well as gas quality, are in the API:

- **volume and energy** consumed per metering station
- **origin and status** of hourly measure
- gas gross **calorific value**
- time and maximum energy consumed **for each four-hour peak**
- time and maximum energy consumed **over the gas day**

To benefit about the API: fill in the application form

If you have any questions about accessing the API, please contact: dtdp-support-dcr@terega.fr

We remain at your disposal for any further information

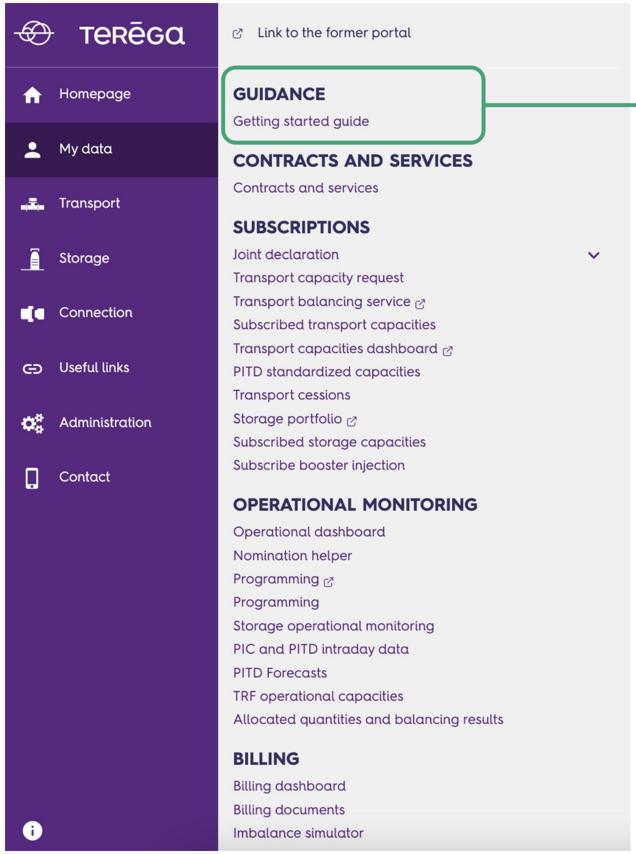


Teréga

GUIDANCE

Link

NEW: Getting started guide



Customers survey

Nelly LABORDE - Head of Marketing Service

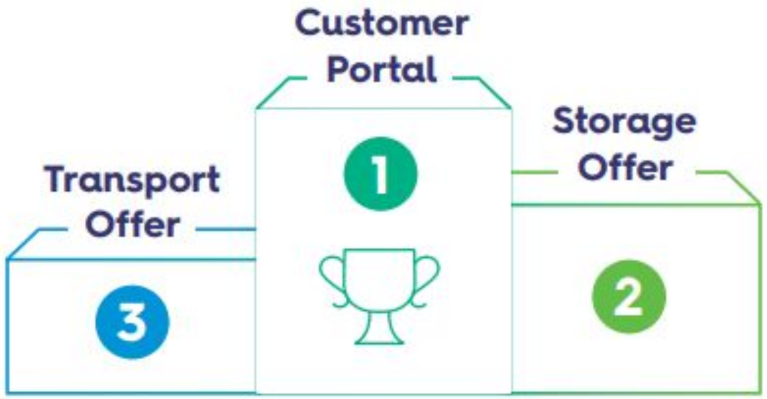
Overall satisfaction and image of Terēga

100% of "Satisfied" to "Very satisfied" customers
100% in 2021
+10% very satisfied

8.8
Average score
8.7 in 2021

91% of customers perceive us as a TSO that **adapts to market** changes.
90% in 2021

62% of customers say our services **are improving**
55% in 2021



About our offers

Overall satisfaction

Storage Offer

100%

of "Satisfied"
to "Very satisfied"
customers

96% in 2021

+35% very satisfied

8.8
Average score
8.3 in 2021

Transport Offer

100%

of "Satisfied"
to "Very satisfied"
customers

100% in 2021

8.6
Average score
8.6 in 2021

About Customer relations

Overall satisfaction

98%

of "Satisfied" to "Very satisfied" customers

95% in 2021

+15% very satisfied

9.3
Average score
9.0 in 2021

Perception

Accessibility and ability to listen

100%

of "Satisfied" to "Very satisfied" customers

Quality of responses

100%

of "Satisfied" to "Very satisfied" customers

Response deadlines

100%

of "Satisfied" to "Very satisfied" customers

QUESTIONS?

www.menti.com
Code: 8782 4102

06. CONCLUSION

Gilles DOYHAMBOURE
Gas system Business & Regulation Director

CONCLUSION AND OVERVIEW

Teréga's biomethane expectations by 2026: 20 sites injecting around 750 GWh/year

10 operating sites (+3 in 2023)
550 GWh/y

7 signed contracts (+3 in 2023)
140 GWh/y

~9 prospects (+4 in 2023)
180 GWh/y

Biomethane injection vs. gas consumption on Teréga's zone in 2023

1,300 GWh/y
Production capacity in South Western France (Trans. + Distrib. networks)

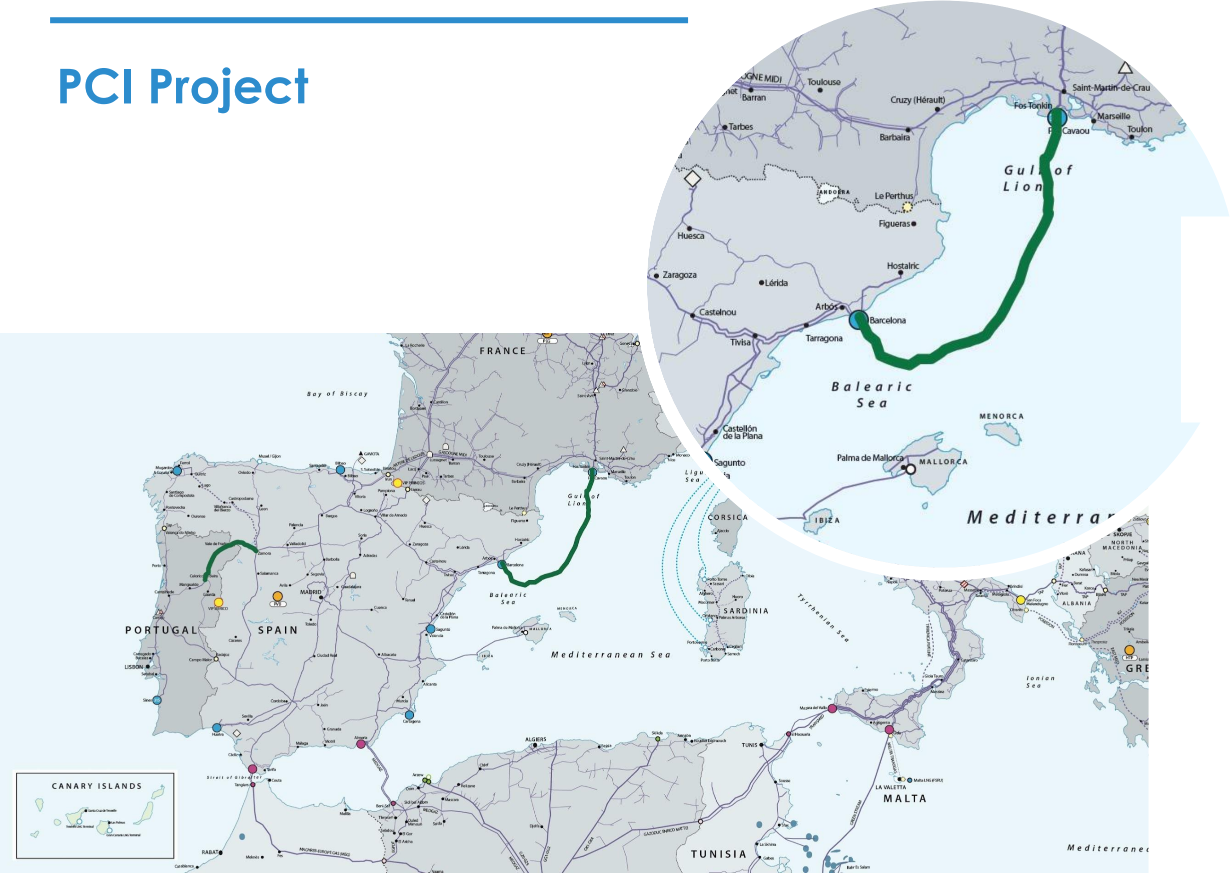
3.2 %
Average biomethane production vs gas consumption over 2023

11.3 %
Peak biomethane production vs gas consumption in July 2023

OUR COMMITMENT ON HYDROGEN DEVELOPMENT INFRASTRUCTURE

H2med · enagas · GRTgaz · OGE · REN · TERĒGA

PCI Project



Transit of **2 MT** of H_2 **per year**

78 TWh / year (HHV)

which means 10% of European consumption at 2030

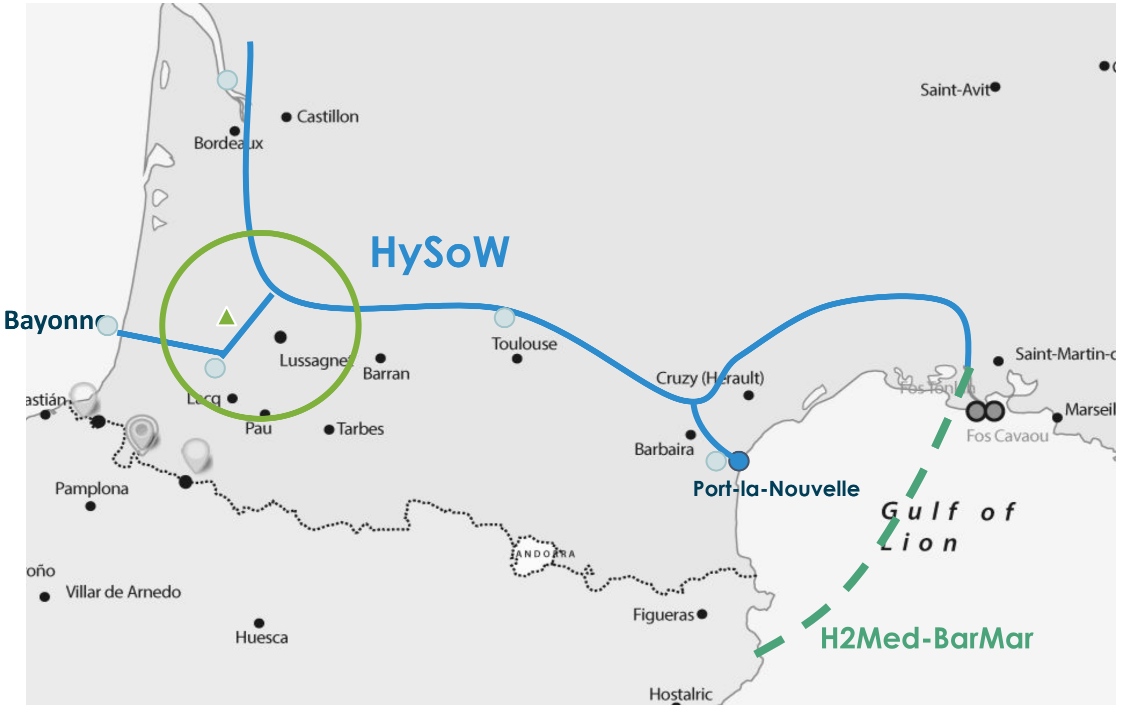
➔ Cost Estimation (PRELIMINARY figures)

- CAPEX Estimation: **2,200 M€ ± 40%**
- Over **400 km** of pipeline in offshore route

➔ Planning

- Commercial Operation Date: **2030**
- FID: **end 2026**

PCI CANDIDATES SUBMITTED BY TERÉGA



- H_2 production cluster
- H_2 valleys (consumption)
- H_2 storages
- H_2 storage cluster SW
- Pure hydrogen pipelines (new or repurposed)

HySoW project (*Hydrogen South West corridor of France*)

Consumption **clusters** such as:

- Occitanie Mobility Corridor
- Toulouse (aeronautics sector)
- Bordeaux (port and industrial sector)
- Lacq (industrial sector)
- Bayonne (port sector)

Production potential at Port-la-Nouvelle

Hydrogen storage near Dax with a capacity of about 500 GWh in a first phase of development. **Full potential ≈ 1 TWh**

600 km of pipelines with **40% of reconverted and 60% of new**

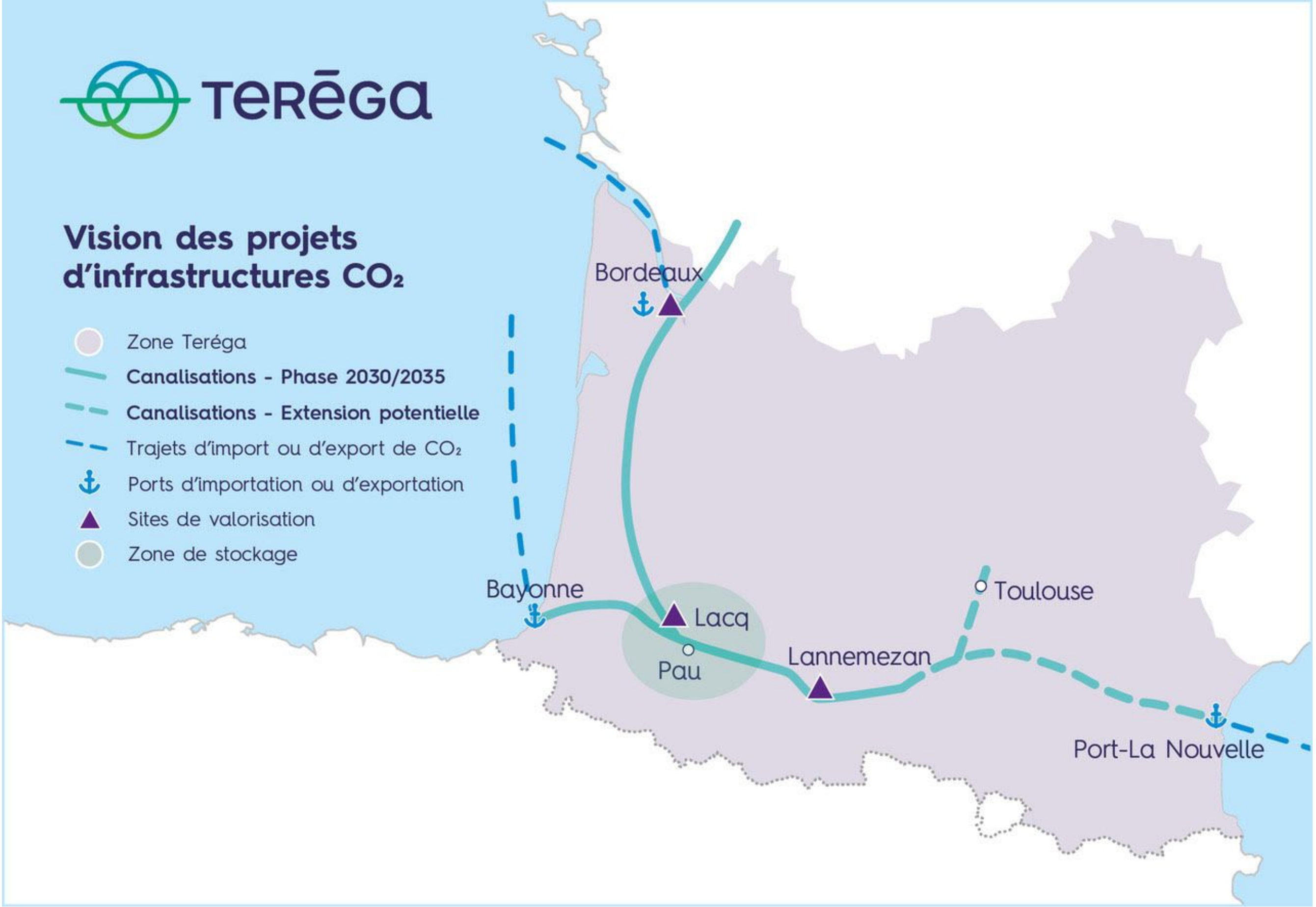
Highlights:

→ Capacities : **16 TWh/y** at Cruzy and **22 TWh/y** at Castillon

→ CAPEX: 1222 M€ +/-50%

→ Commissioning year: 2030

CCUS Project

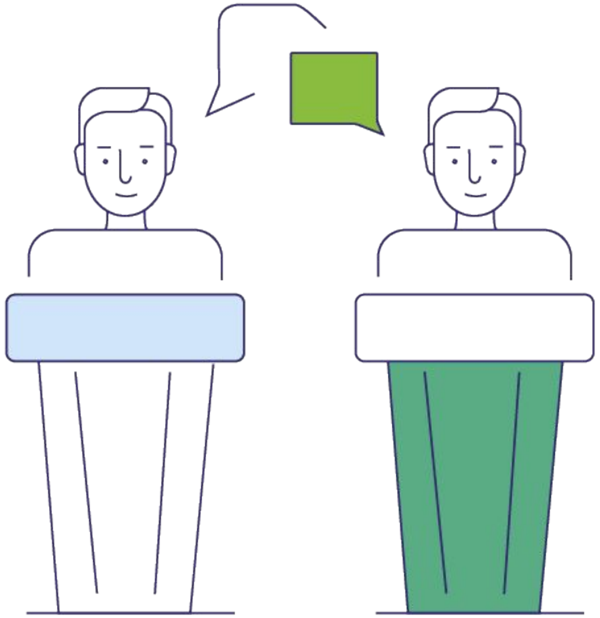


Carbon Capture Utilisation and Storage project (CCUS)

- ➔ **20** potential industrial clients
- ➔ **2 Mton** CO_2/y from 2030
- ➔ **> 5 Mton** CO_2/y from 2035
- ➔ **500 Mton** storage capacity
- ➔ Significant volume of CO_2 to be valorized

CCUS National Strategy
PCI Project

Our next meetings



→ **Storage Auctions**
16 May

→ **Storage Meeting**
October

Contact us

Questions related to Terega's storage & transport offers and contractualization

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Questions related to the operational and administrative execution of your contract

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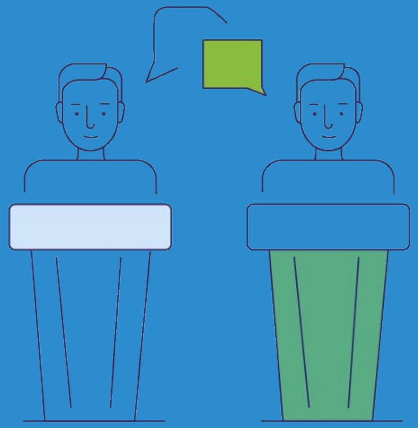

Thank you for your attention