



Shippers Meeting 2020

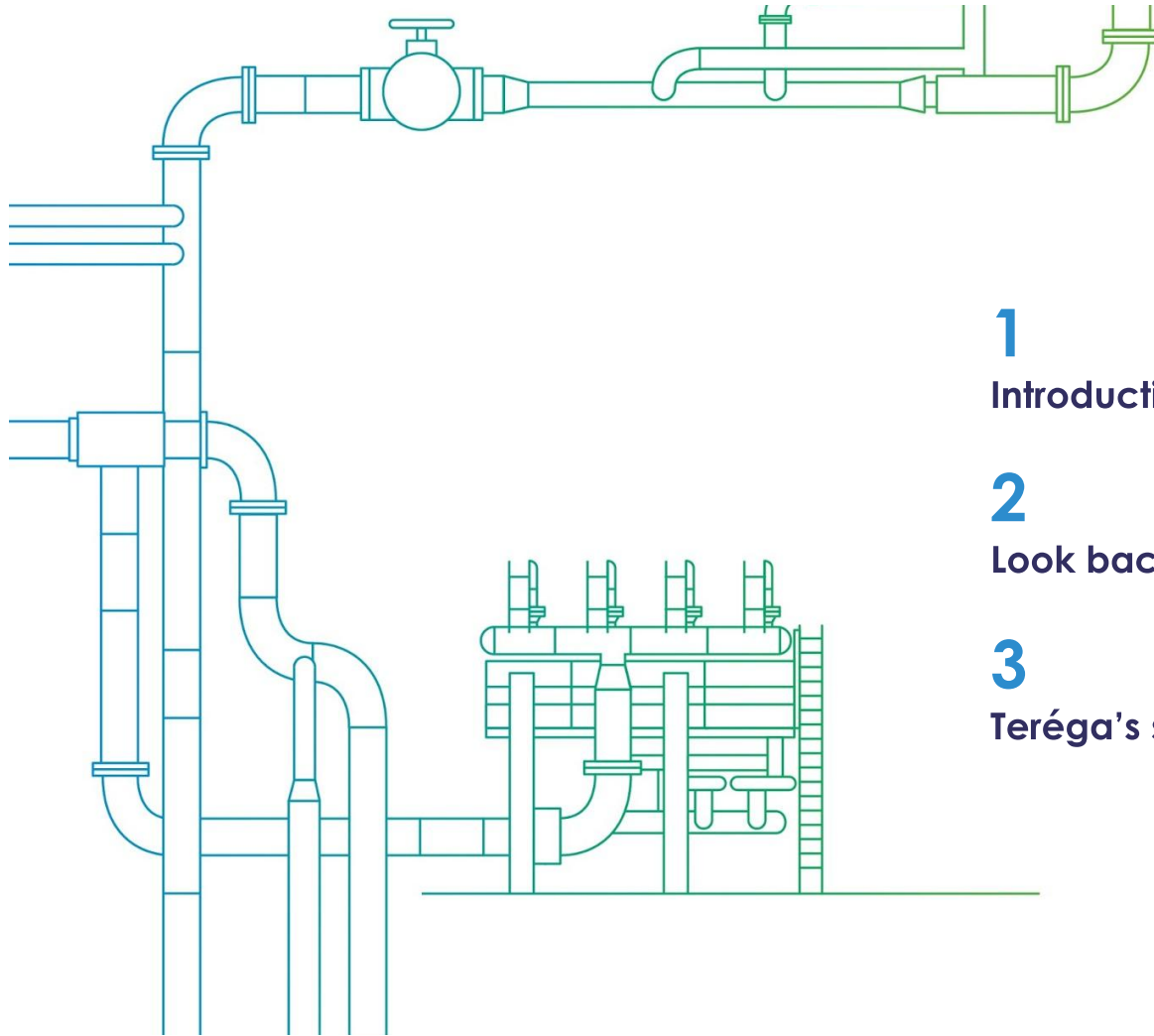
13 OCTOBER 2020

01

Introduction

Intervention Dominique Mockly

Agenda



1	Introduction	03	4	Teréga's auctions calendar	23
2	Look back at 2020	05	5	Coming soon	30
3	Teréga's storage offer 2021	12	6	Conclusion	40

02

Look back at 2020



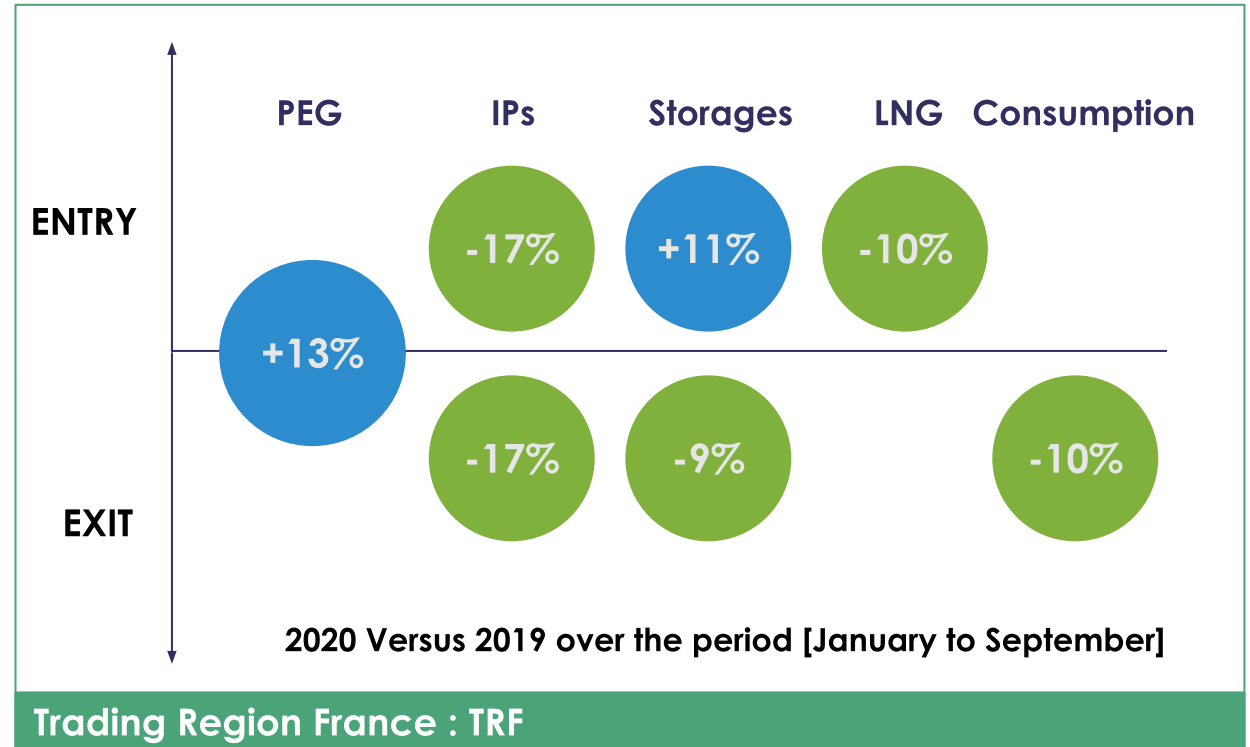
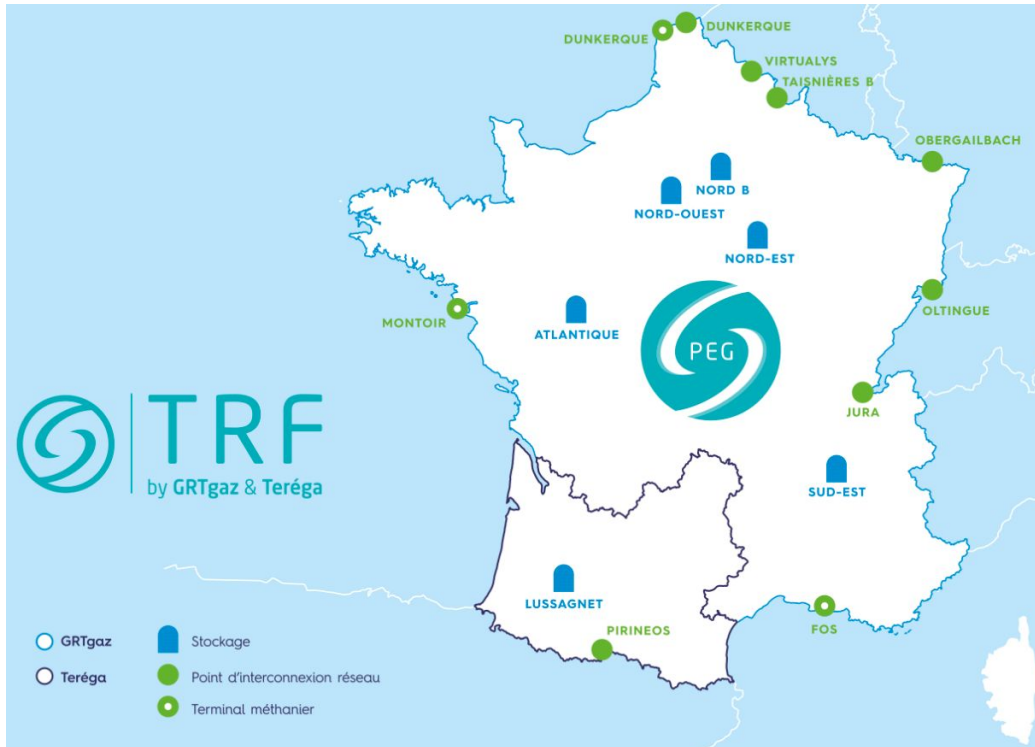
02

Look back at 2020

Trading Region France (TRF)

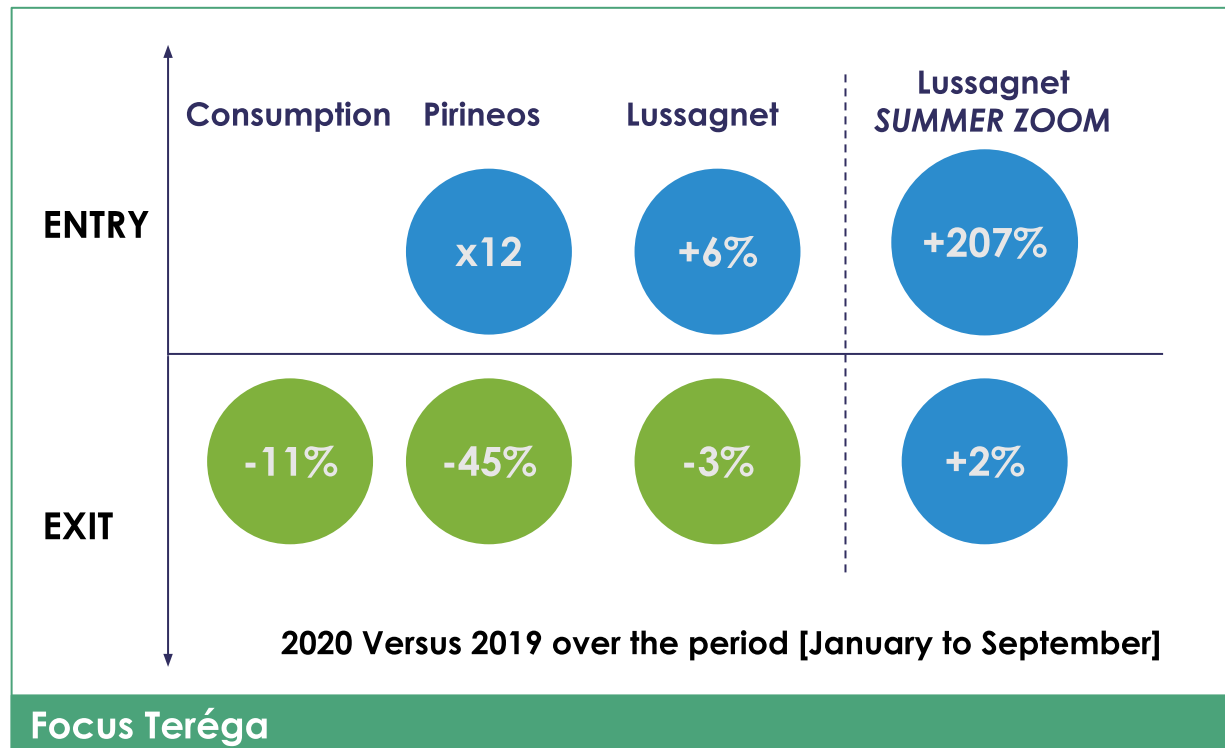


Commercial quantities in/out of the TRF



A general decrease of commercial flows in 2020

Physical quantities in/out



- Level of stock on the 01/04/2020 : 10 TWh
- Withdrawal of 3 TWh in July
- Entry Pirineos used

Pirineos and Lussagnet are flexible assets

Mechanisms and flows



Upgrade of TRF rules based on 2019 REX have strengthened :

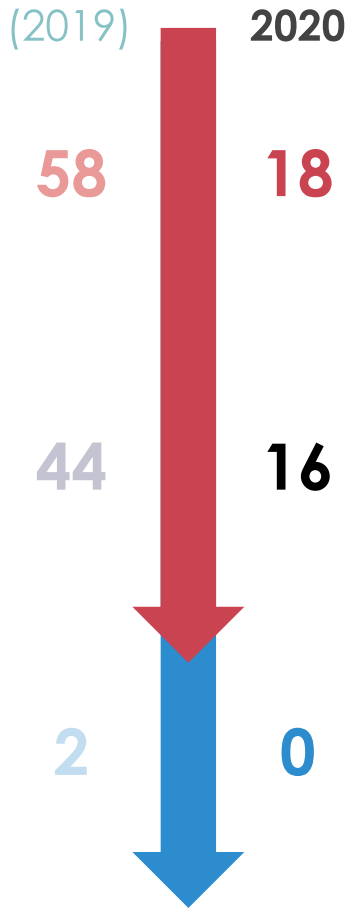
- Operational coordination between operators
- Methodology of call for tenders
- Methodology of sourcing (algorithms)

Locational Spreads response points at Teréga :

- PIRINEOS : 12% of time
- LUSSAGNET : **100%** of time
- selected shippers / LS = +20%

a TRF more robust

Vigilance and Locational Spreads



RED VIGILANCE

in summer 2020 [April:October]

- Occurrence since 01/11/18 : **8%**
- Occurrence summer 2020 : **10%**

LOCATIONAL SPREADS

100% on limit NS4

- **16** fruitful or **100% EFFICIENT**
- Occurrence since 01/11/18 : **7%**
- Occurrence summer 2020 : **5%**
- **660 GWh** at **1.29€/MWh**

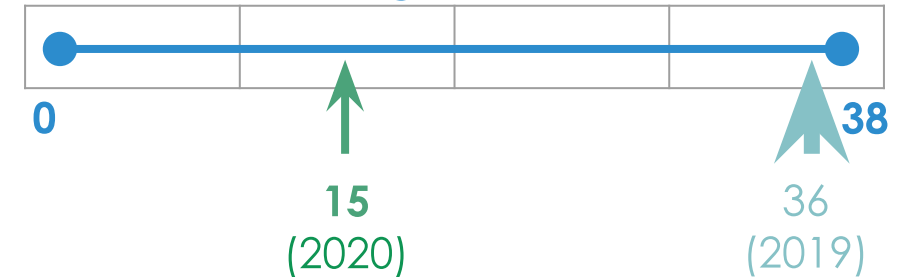
MUTUALIZED RESTRICTION

A decrease of congestion frequency and costs

TRF reference scenario



Congested days



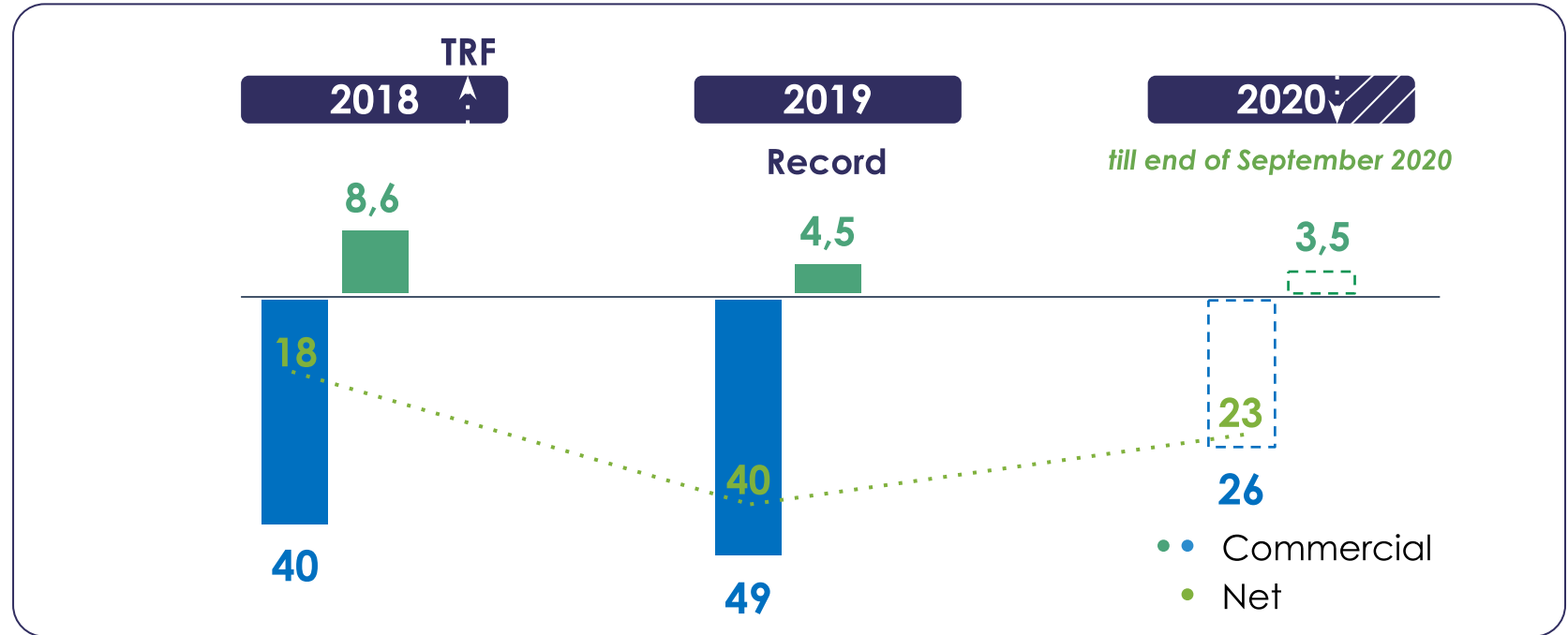
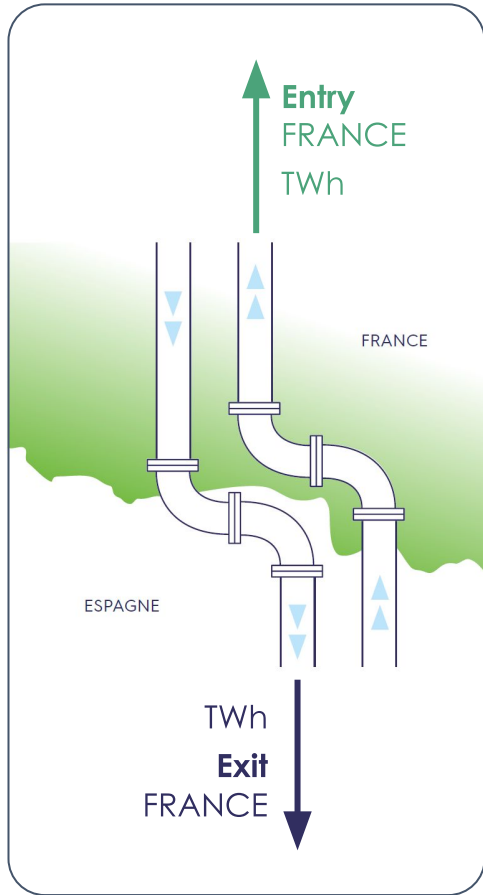
02

Look back at 2020

Focus on VIP Pirineos



Commercial and net physical flows at the VIP Pirineos



2019 = atypical | Export record | Import record

** 48 days of reversed flow during winter 19-20

** reversed flow since October 2020

Terega's infrastructures can respond to any flow configuration

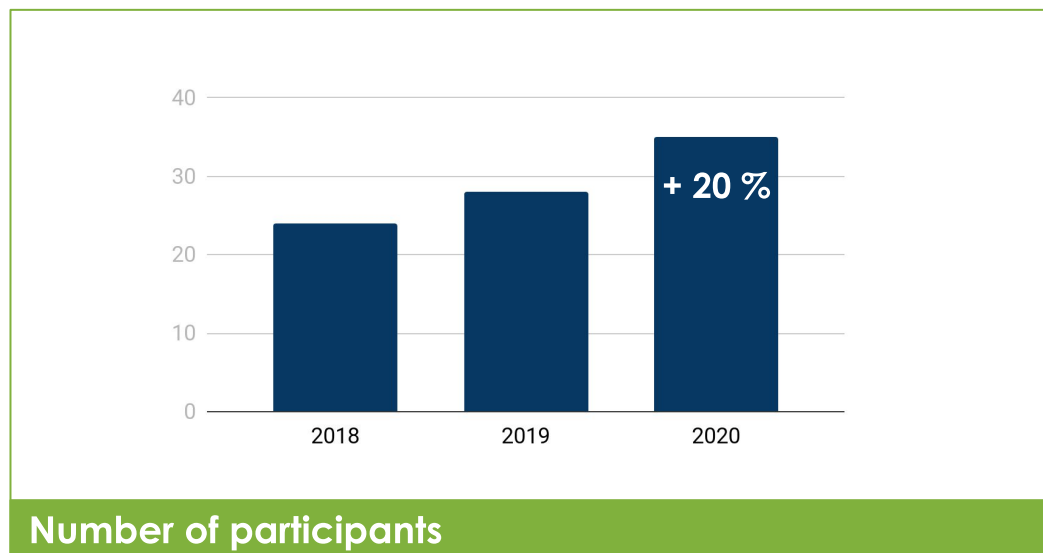
02

Look back at 2020

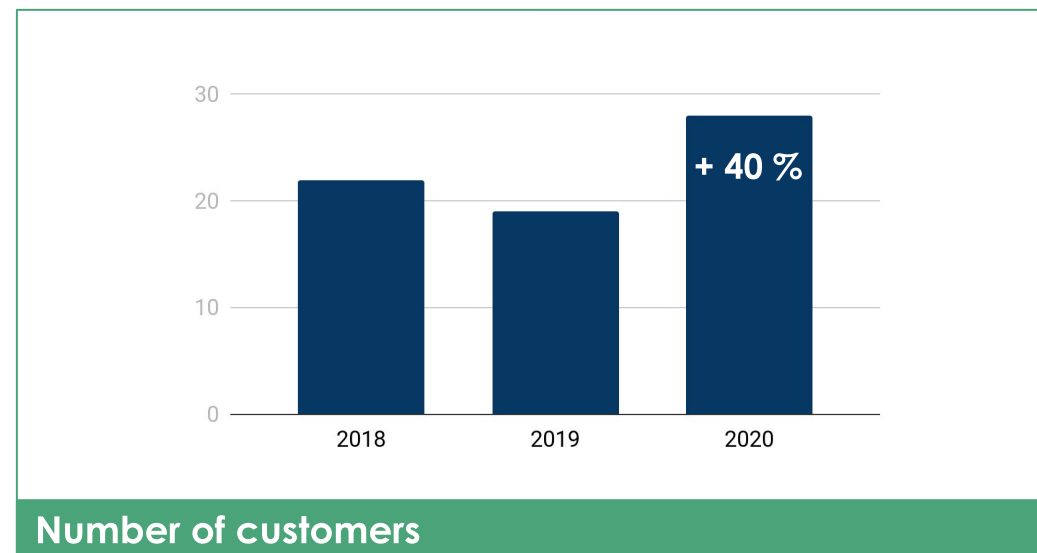
Focus on Storage (Lussagnet)



Results of storage sales 2020-2021



35 participants



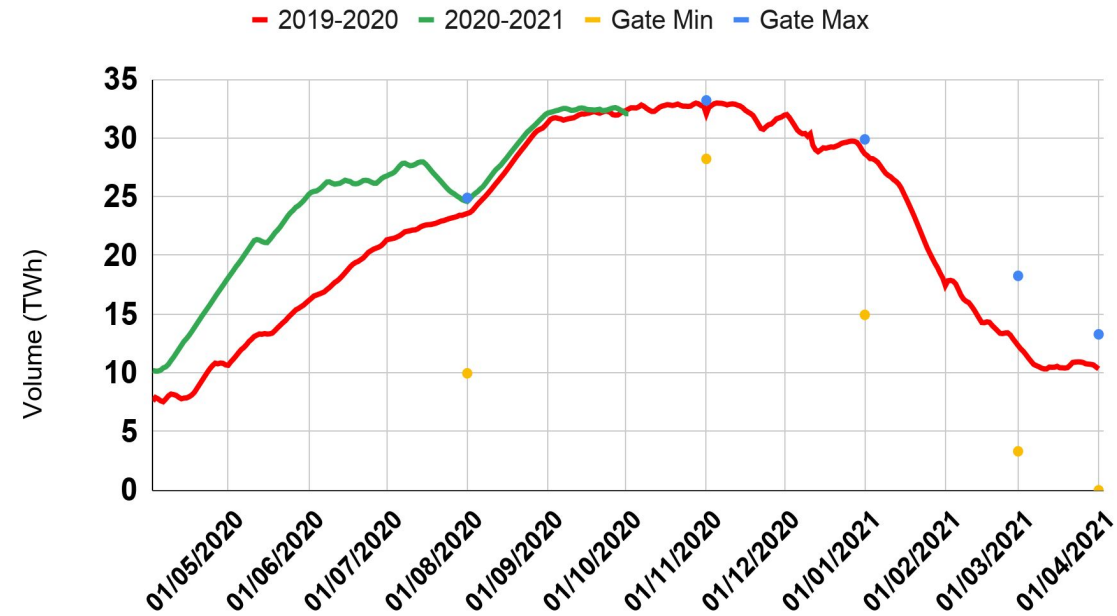
28 customers

142,3 M€

(Authorized Revenue : 146,6 M€)



Gas in Storage



2 new records

- **Max Withdrawal :**
546 GWh/d on the 22th January 2020
- **Max injection :**
345 GWh/d on the 18th April 2019
(338 GWh/d on the 24th April 2020)
- **Withdrawal > 500 GWh/d :**
10 days in 2019 Vs. 6 days in 2020
- **Injection > 300 GWh/d :**
13 days in 2019 Vs. 34 days in 2020

**Storage more and more used
at maximum capacities**

Usage of our Storage Services



Booster injection

- 420 GWh booked*
- 330 GWh allocated

1% of allocated capacities
32% of customers used it

* Since 1st April 2020

UBI

- 590 GWh allocated in injection*
- 280 GWh allocated in withdrawal*

2% of allocated capacities
66% of customers used it

* Since 1st April 2020

Secondary market

- 475 GWh exchanged
- 6 publications

Financing gas in storage

- 3,8 TWh concerned

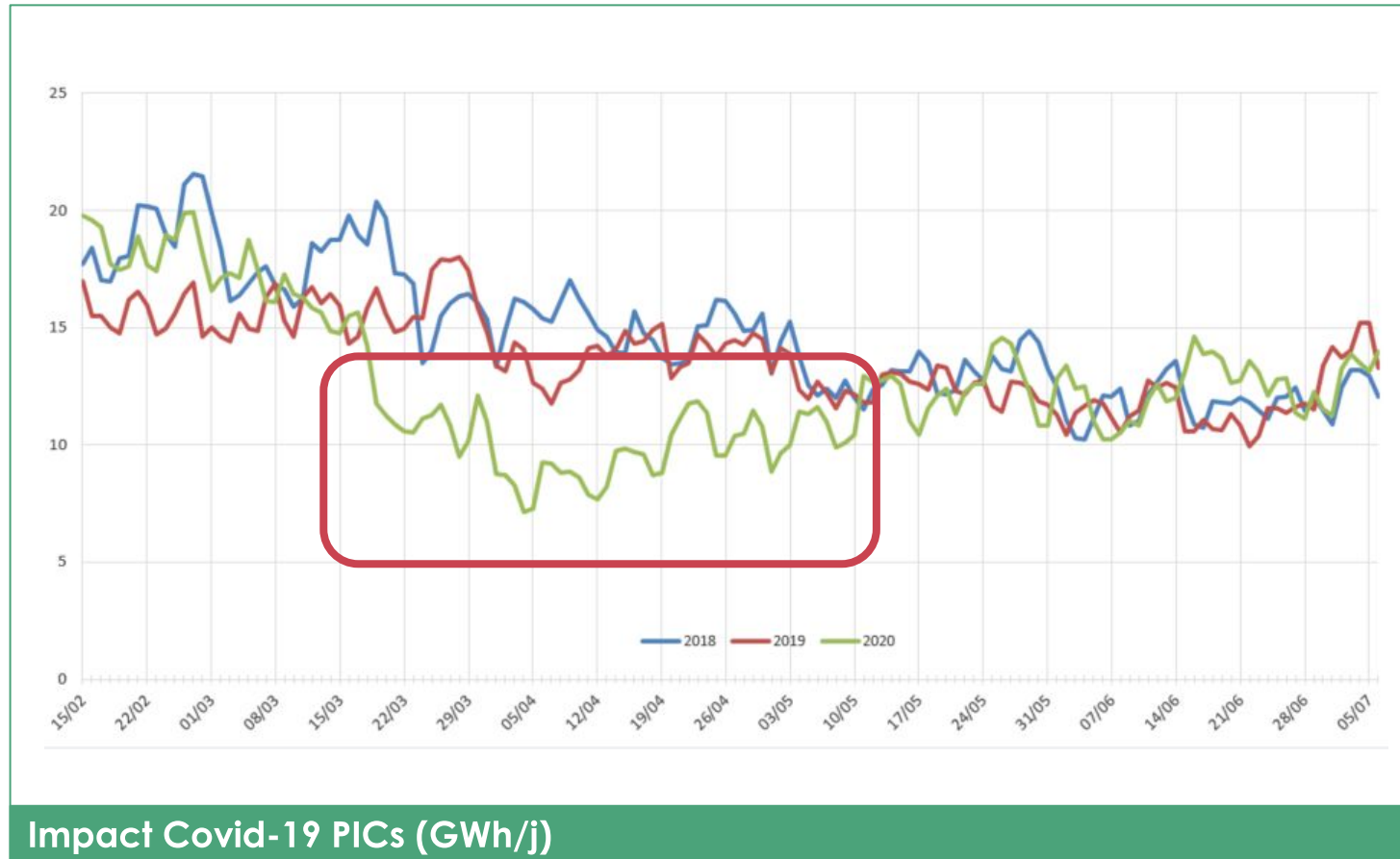
02

Look back at 2020

Covid Impact



Covid : REX and Impacts



Impact Covid-19 PICs (GWh/j)

Industrial Consumptions:

- Significant DROP in mars (-11% compared to 2019) and april (-31% compared to 2019) Back to normal in may

Essential functions:

- isolation / sécurisation

Training Session:

- replaced by tutorials

Maintenance:

- some maintenance works 2020 postponed in 2021

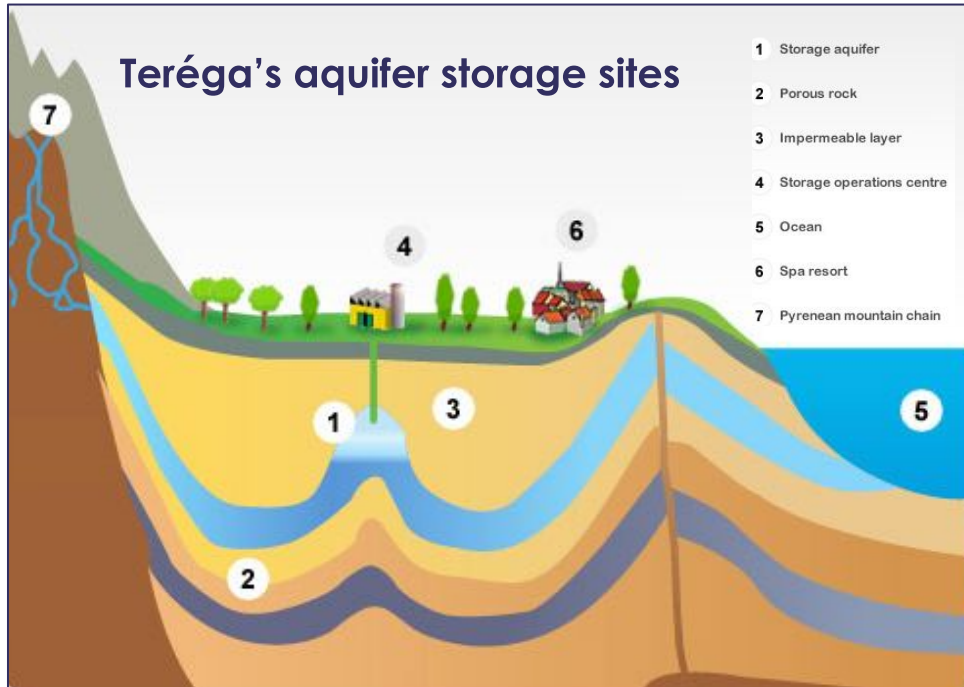
02

Look back at 2020

Maintenances



Working hard to secure Teréga's storage capacity



2019 & 2020 : Works on Teréga's storage facilities

Installations:

- 2 new wells
- 1 new reboiler
- Electrical power supply replacement
- 1 new compressor

Maintenance:

- 11 compressors
- 6 wells (4 in Lussagnet + 2 in Izaute)

Specific regulatory shutdown:

- 3 compressors
- Lussagnet

More than 250 days per year with works

Reduced capacities

2020

1 day in injection and withdrawal (100 %)

2021

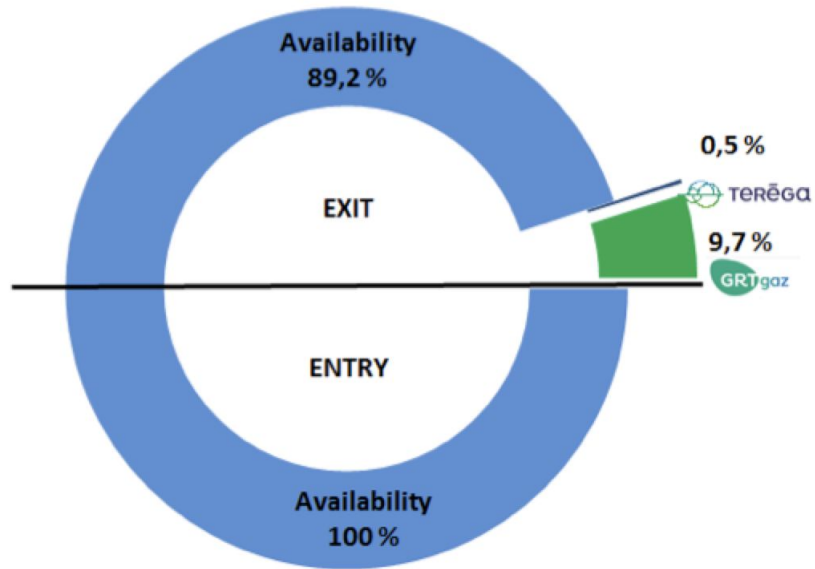
1 day in injection and withdrawal (100 % - october)
2 days in withdrawal (100 % during summer)

Availability rates for Teréga's Transport capacities

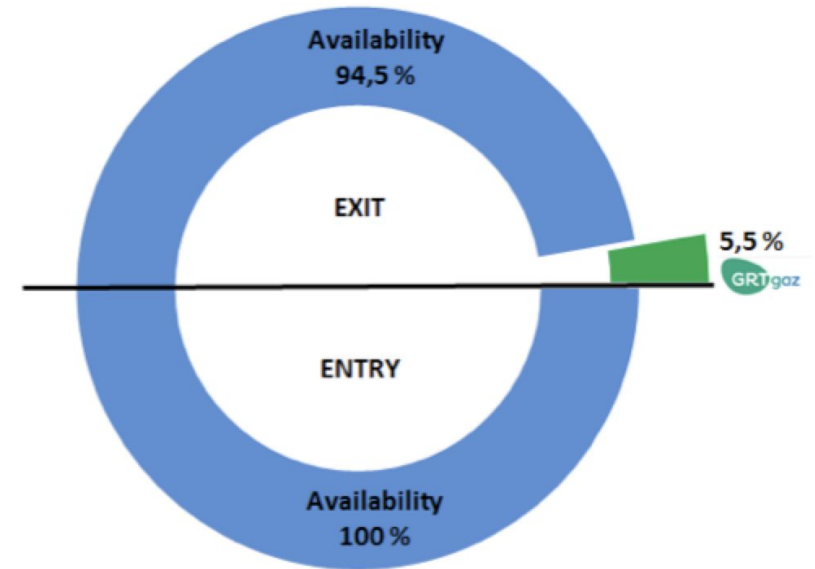
Availability on Pirineos and PITS



2019 : 73 days with reduced capacities

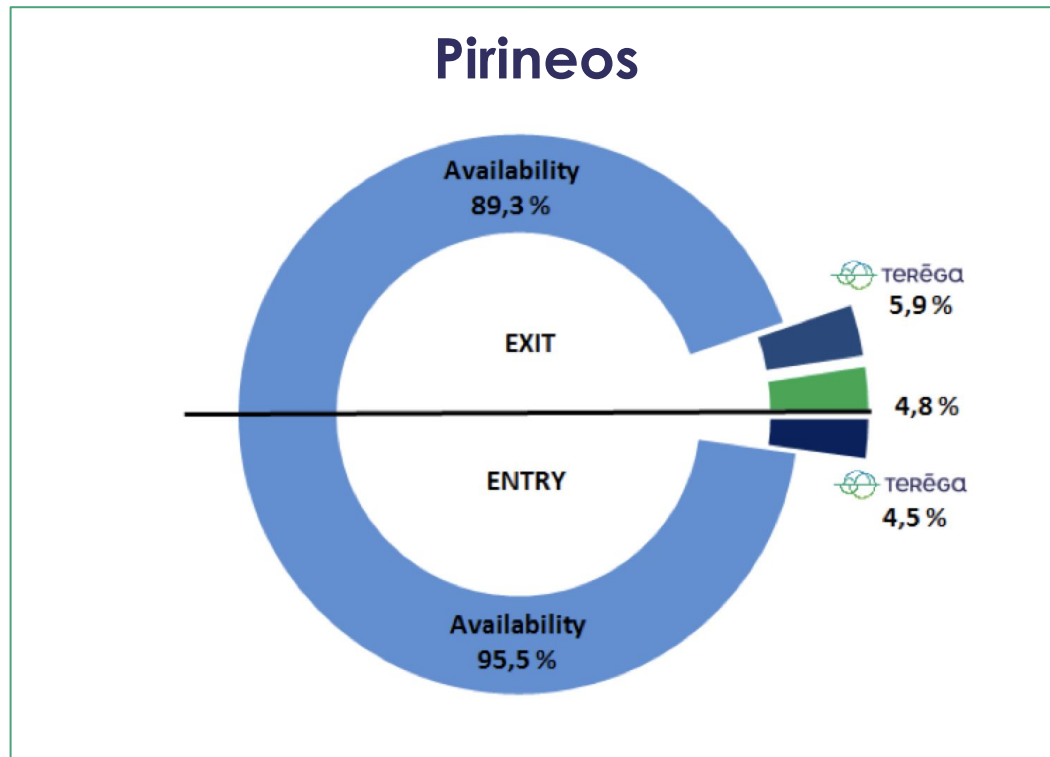


2020 : 52 days with reduced capacities

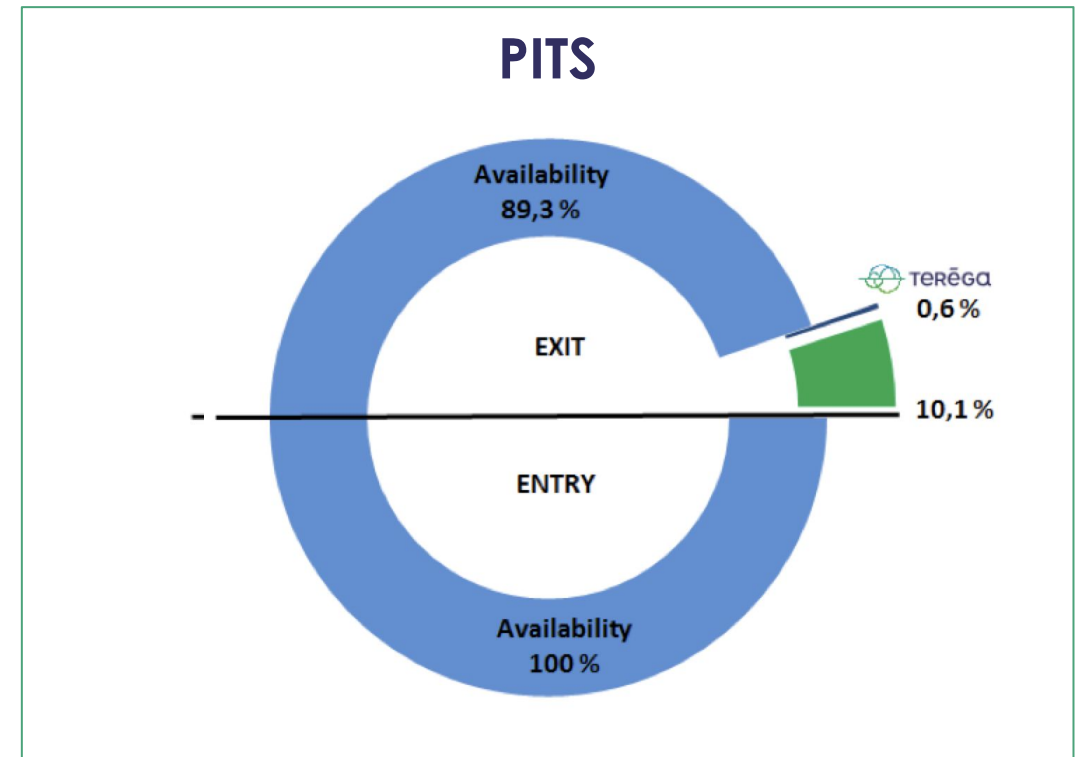


The difference between 2019 and 2020 is due to the cancellation of work due to the Covid

Transport Maintenances : forecast 2021



3 weeks of work on LACAL



≈ 70 days with reduced capacities

Reminder : Maintenance information available on Portal



Link to the former portal

OPERATIONS

PUBLIC DATA

- Nominations
- Allocated quantities
- Forecasts
- Intraday data
- Physical flows and gas quality
- Balancing
- Linepack
- Locational spread
- Violance
- Maintenances and reductions**
- Storage
- Download data

MAINTENANCES ET RÉDUCTIONS

EXPORTER Mis à jour le 17/09/2020 14:09

TAUX DE RÉDUCTION SUR LES CAPACITÉS SOUSCRITES

2020

TRANSPORT STOCKAGE

Guide maintenances

Effectif Prob. Max. Nombre de journées de maintenance Taux sur capacités souscrites publiées Impacté par une réduction aux limites

Janvier Février Mars Avril Mai Juin Juillet Août Septembre Octobre Novembre Décembre

Journée gazière	EO2 Aval (%)	S1 Aval (%)	PITT (%)			PITS (%)		
			Entrée	Sortie		Entrée	Sortie	
				Ferme	Ferme		Interruptible	Ferme
30/09/2020	Effectif Probable	- -	- -	- -	- -	- -	- -	- -

TR & ST

[Link to Portal / Maintenance](#)

[Link to guidance](#)

Common maintenance schedule (available end of October)



MAINTENANCES ET RÉDUCTIONS

↓ EXPORTER Mis à jour le : 17/07/2019 10:40 KWH À 25°C ▾ TAUX DE RÉDUCTION SUR LES CAPACITÉS SOUSCRITES ▾ 2019 ✓ TRANSPORT STOCKAGE

↓ GUIDE DES MAINTENANCES **PLANNING COMMUN SUR ODRÉ**

Effectif Probable Minimum Nombre de journées de maintenance Taux sur capacités souscrites publiés Impacté par une réduction aux limites

Janvier Février Mars ²¹ Avril Mai **Jun** ²¹ Juillet Août Septembre Octobre Novembre ²¹ Décembre

Journée gazière	NS2 (%) Aval	SI (%) Aval	PITT (kWh à 25°C)			PITS (kWh à 25°C)		
			Entrée	Sortie		Entrée	Sortie	
			Ferme	Ferme	Interruptible	Ferme	Ferme	Interruptible

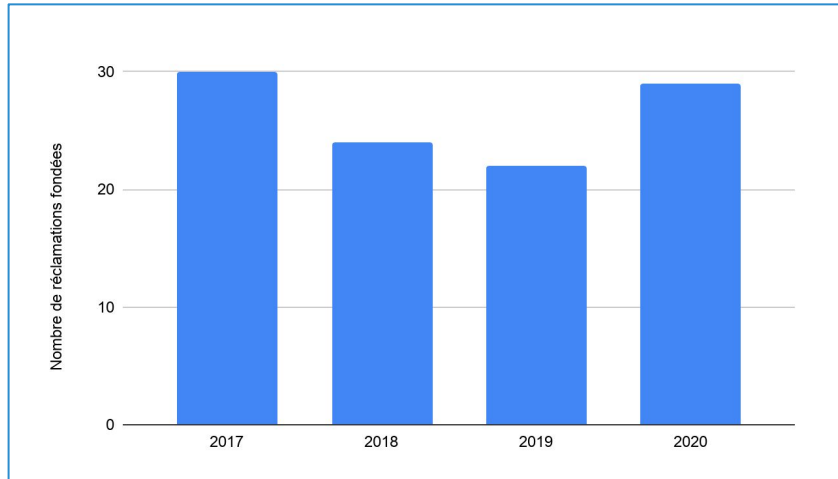
02

Look back at 2020

Service Quality



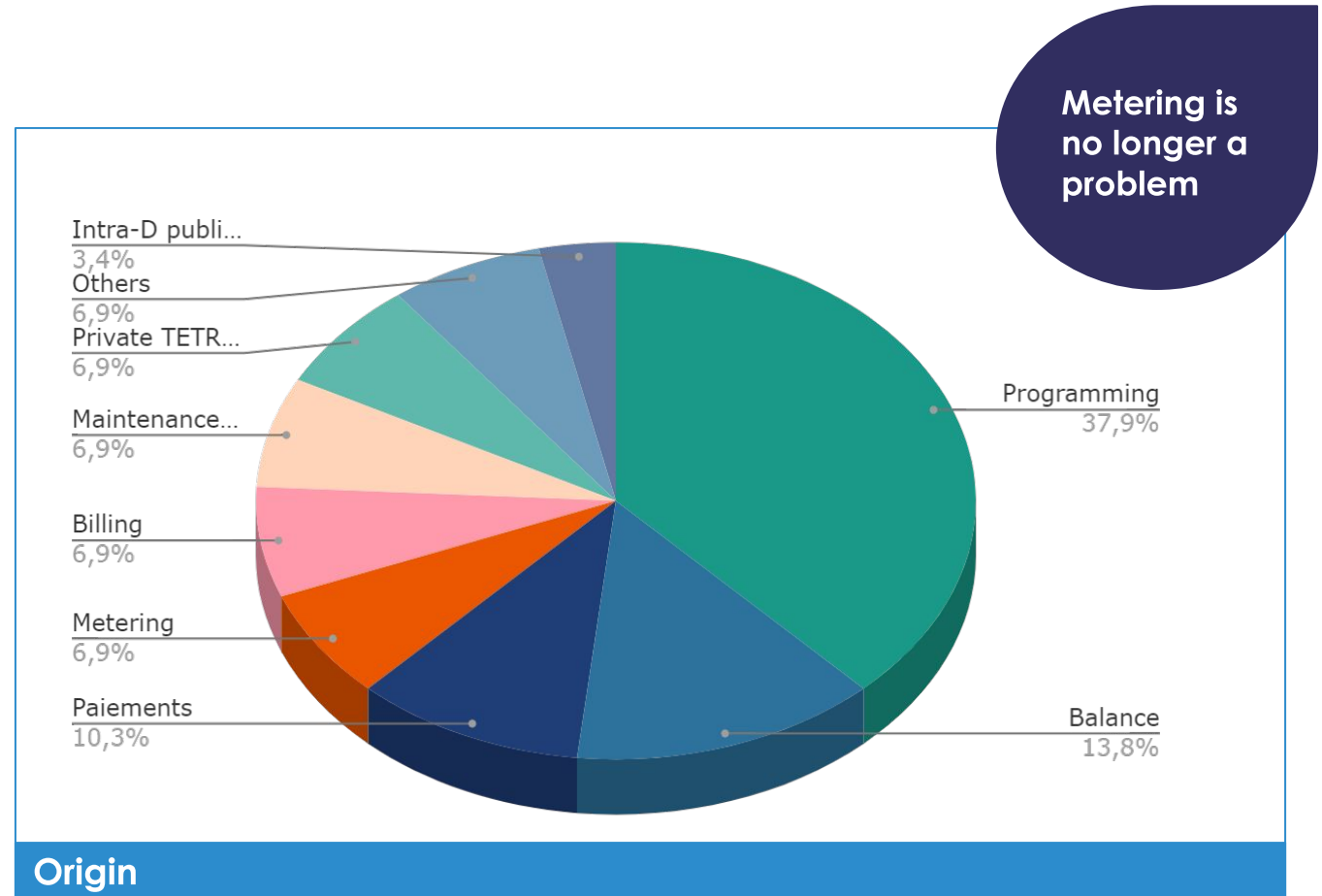
Service Quality : Requests & Claims analysis, 2020



Claims

277 requests
(375 in 2019)

1 day
Average response time



Origin

Service Quality : Main CRE KPI for Metering Quality



PITD

Transport-Distribution
Interface Point

2020

99%

of conform days
242 conform days on 244

Rules

2%

tolerance on global PITD quantity
between data transmitted daily and monthly

Reminder 2019

97%

of conform days

PIC

Customer Interface
Point (Industrial)

99,2%

of very high quality data
about 3700 data each month

1%

tolerance on every PIC quantity
between data transmitted daily and monthly
(for very high quality)

98,7%

of very high quality data

Intra-D

Hourly Publication
(industrial customers)

97%

of very high quality data
about 17 700 data each month

1%

tolerance on every PIC quantity
between hourly data transmitted daily
and monthly (for very high quality)

95%

of very high quality data

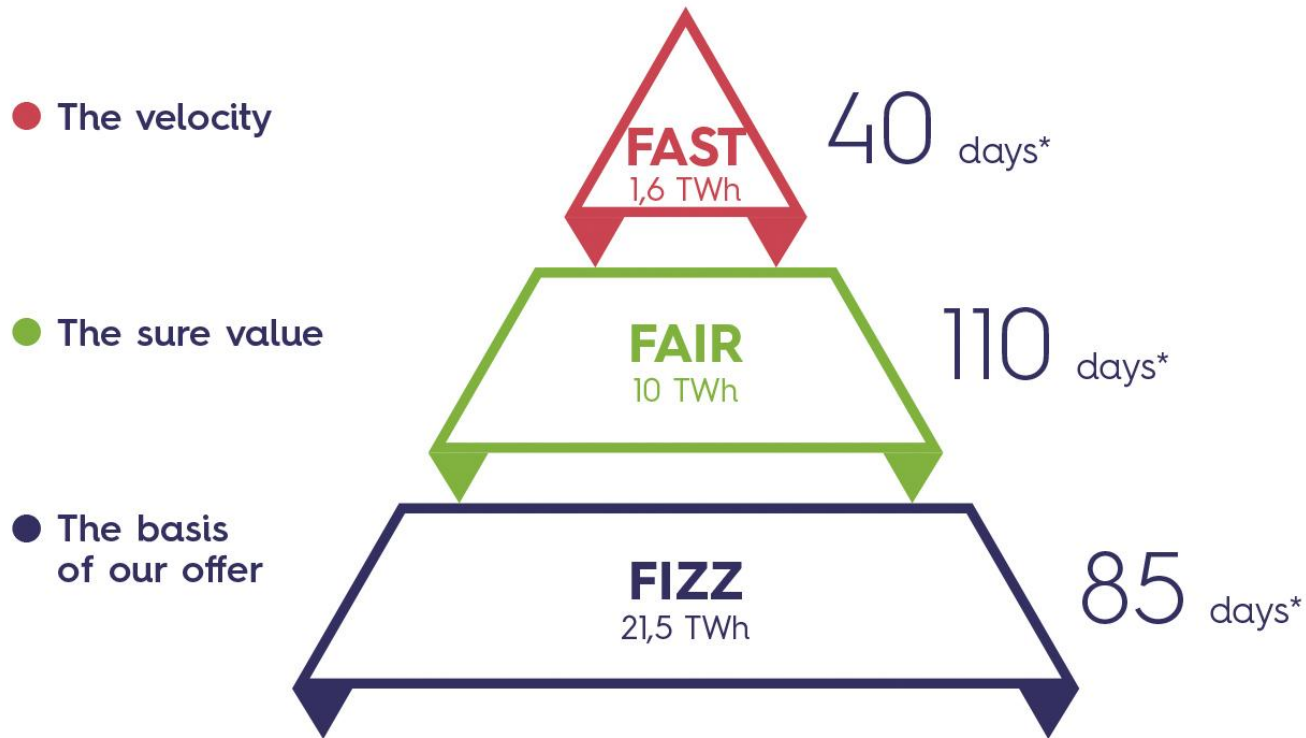
03

Teréga's storage offer 2021

Capacity Products & Services



Teréga's Standard Products for 2021-2022



33.1 TWh



556 GWh/day

110 effective days
in Injection

*Actual days of withdrawal

Performances of Standard Products



FIZZ 21,5 TWh

Intermediary reference product:
the base of our offer

Duration (days)	Injection	Withdrawal
Nominal	110	59
Actual	110	85



FAIR 10 TWh

Cyclical product to smoothly
manage your storage

Duration (days)	Injection	Withdrawal
Nominal	110	80
Actual	110	110



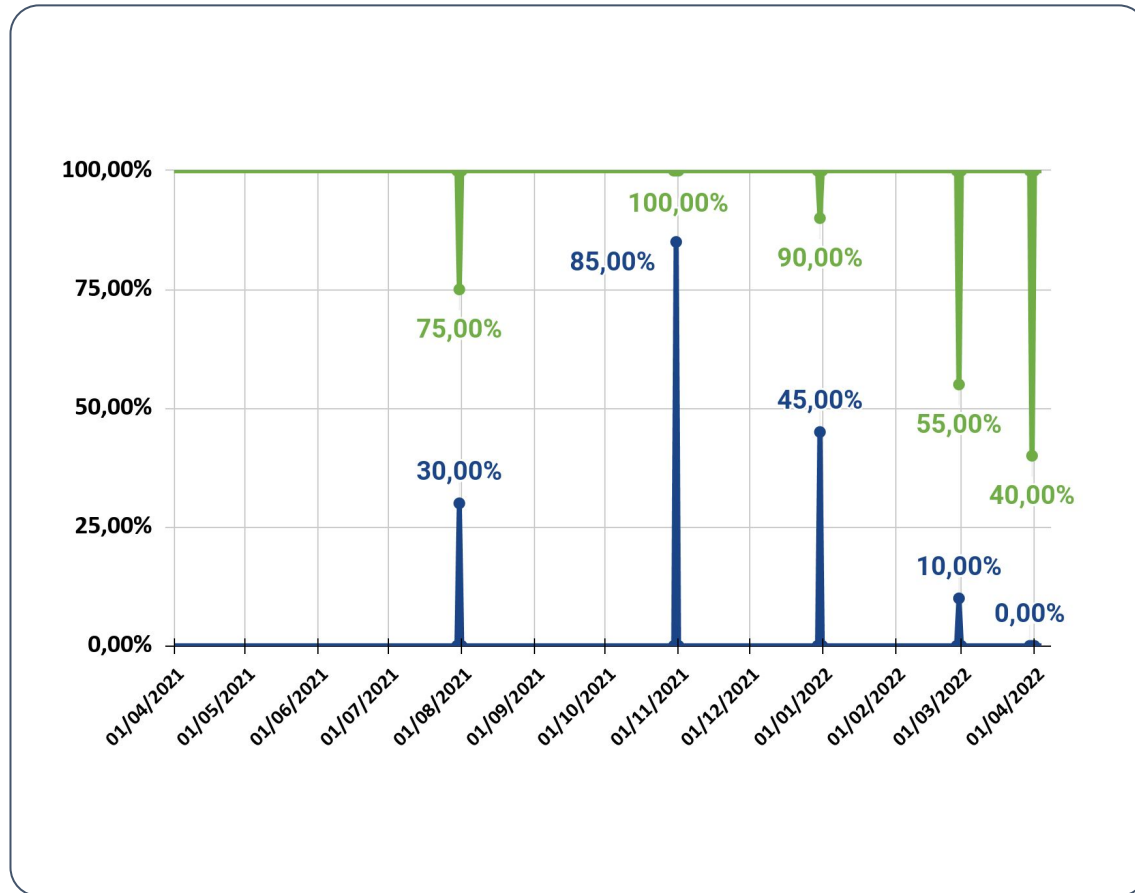
FAST 1,6 TWh

Reactive product to get
market opportunities

Duration (days)	Injection	Withdrawal
Nominal	110	25
Actual	110	40

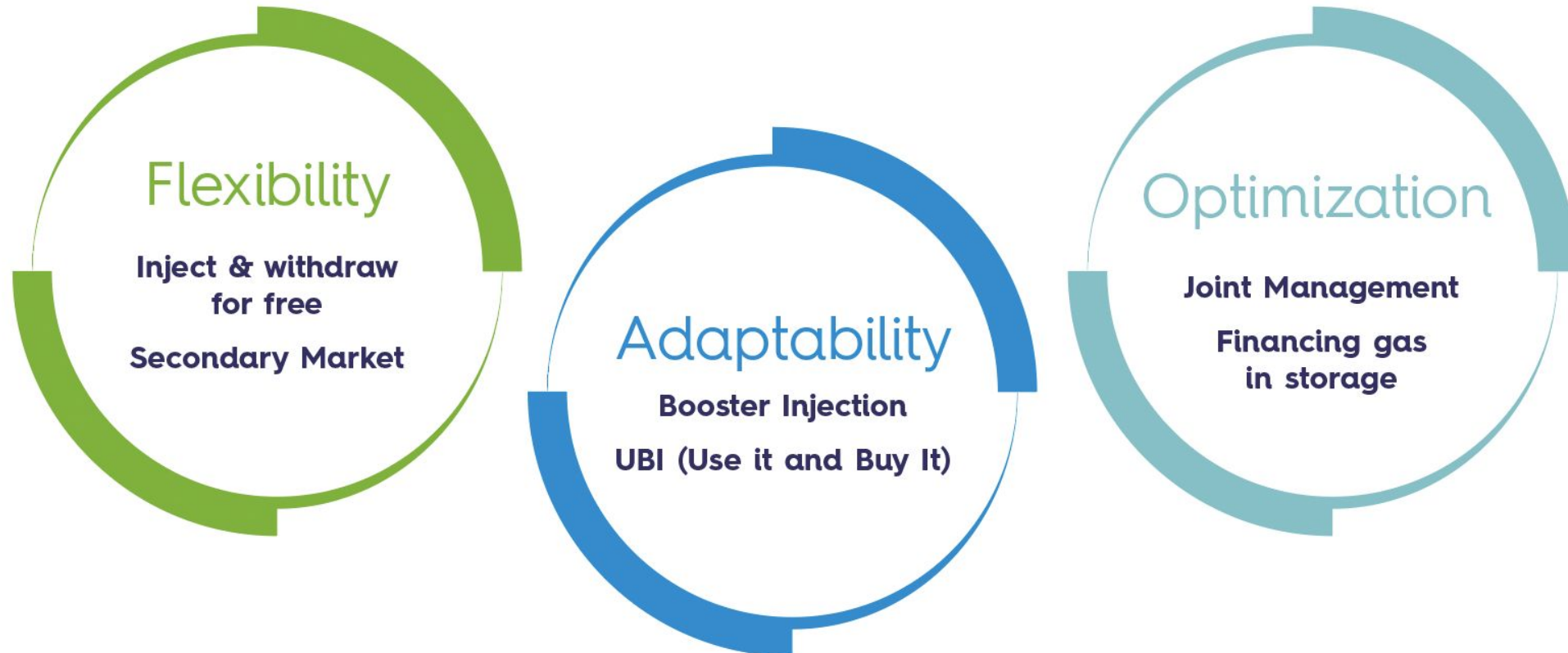


Time Constraints



The same gates for the 3 products

Date	31/07	31/10	31/12	28/02	31/03
Min	30%	85%	45%	10%	0%
Max	75%	100%	90%	55%	40%



Flexibility : Secondary Market



Benefit from Teréga's customer portfolio

- In a single publication in Storeplace, offer your capacities on the secondary market
- Your potential counterparty will contact you directly

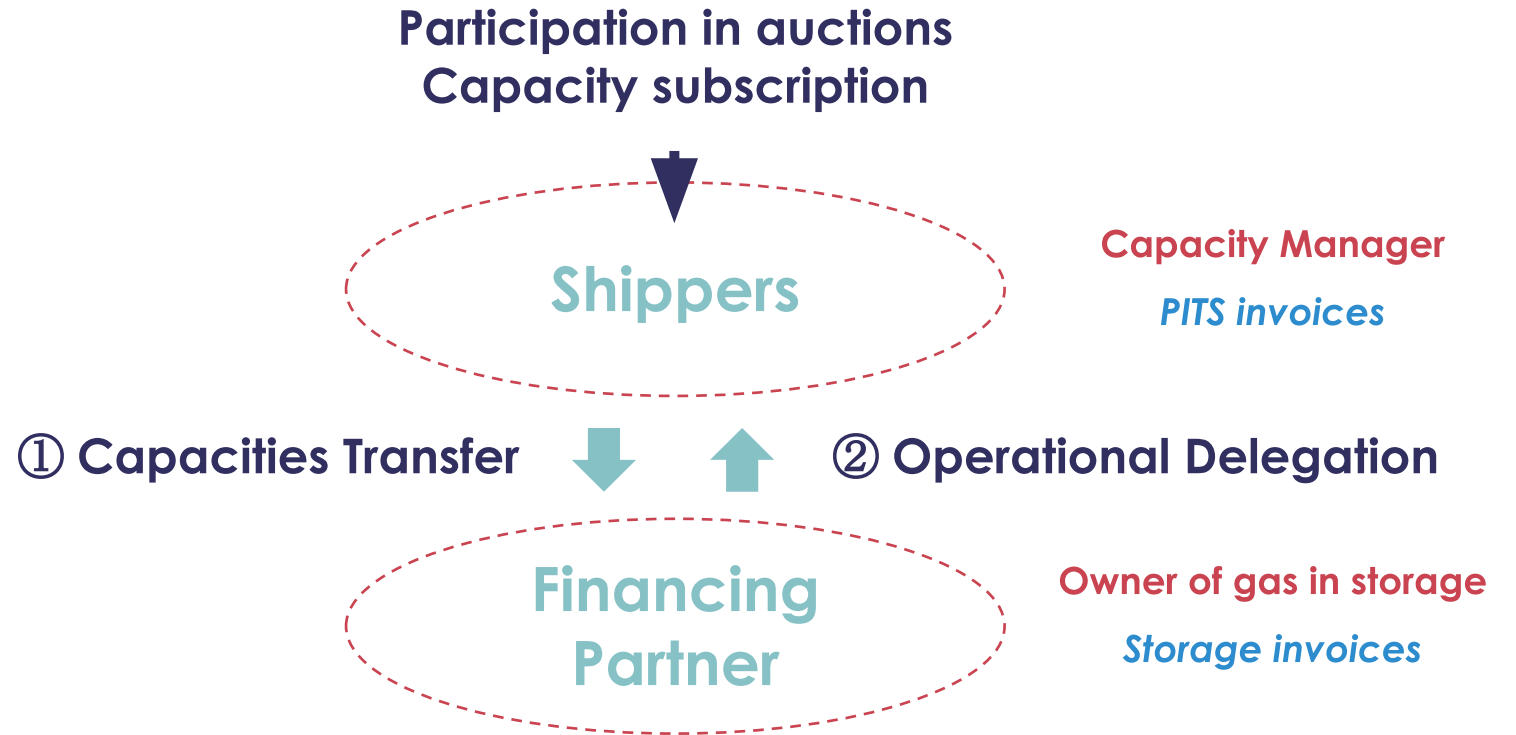
The screenshot displays the Teréga 'STORAGE SECONDARY MARKET' interface. At the top, there is a search bar with the text 'Choose an entity', a local time indicator '12H 37m [UTC+1]', a notification bell, a user profile icon labeled 'MY CUSTOMER AREA', and a language selector 'FR | EN'. The main header is a teal bar with the text 'STORAGE SECONDARY MARKET'. Below this, a navigation bar shows 'Running' and several filter tabs: 'OFFER', 'DEMAND', 'ALL' (selected), 'GAS IN STOCK', and 'STORAGE CAPACITY' (selected). The main content area is a grid of offer cards. Each card has a colored icon (blue for 'Storage capacity', green for 'Gas in stock') and a title ('→ DEMAND' or '← OFFER'). The cards contain the following information: 'Offer published on [date_de_début] - and valid until [date_de_fin]', 'Product: Any type', 'Storage year: 2020 / 2021', 'Injection: To be specified', 'Withdrawal: To be specified', and 'Quantity: 500 000 MWh at 25°C'. A 'SEND MY CONTACT INFORMATION TO THE REQUESTER' button is visible on one of the cards.

Optimization : Capacity transfer for financing gas in storage



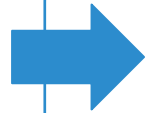
Optimize storage costs

- Your operational management remains unchanged
- The invoicing of the storage part is sent to your financial partner
- Flexible contractual and operational arrangement in place



Contract rider to be signed (to transfer gas units and operational delegation)

Adaptability : Booster Injection



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

SUBMIT A BOOSTER REQUEST

Legend: ■ Validated daily booster ■ Validated monthly booster ■ Capacity reduction (daily booster impossible)

October 2020							November 2020						
M	T	W	T	F	S	S	M	T	W	T	F	S	S
				1	2	3	4						1
5	6	7	8	9	10	11	2	3	4	5	6	7	8
12	13	14	15	16	17	18	9	10	11	12	13	14	15
19	20	21	22	23	24	25	16	17	18	19	20	21	22
26	27	28	29	30	31		23	24	25	26	27	28	29
							30						

05/10/2020

Validated daily booster : **0%**

Validated monthly booster : **0%**

Available booster : **20%**

Shipper* : **Teréga**

Periodicity* : **Daily**

Start of request* : **10/5/2020** End of request* : **10/5/2020**

Requested rate* : **0** %

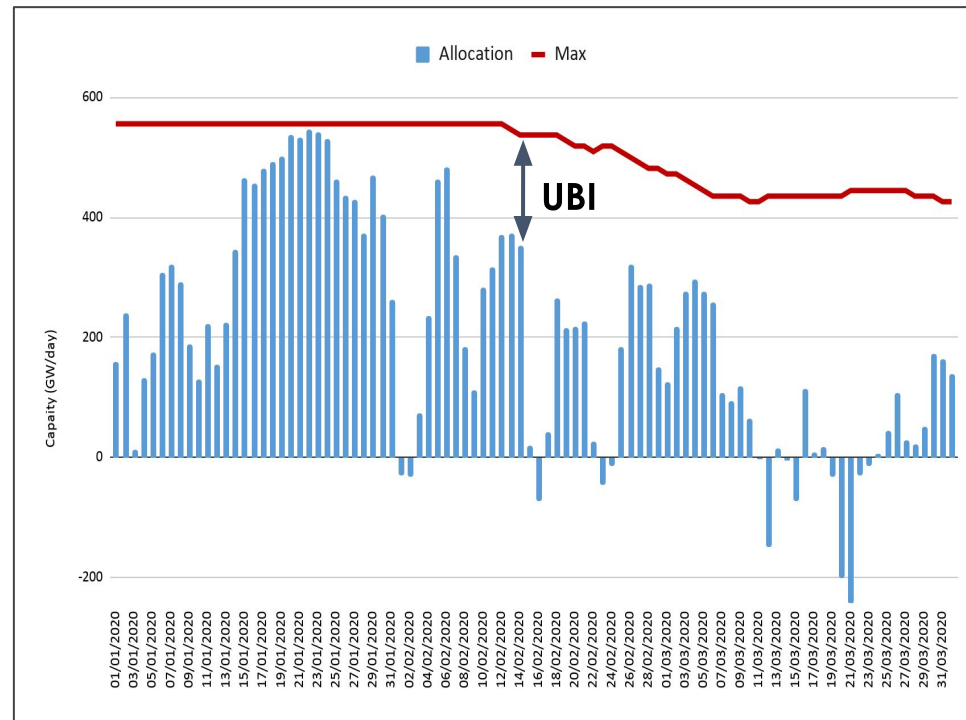
Injection capacity : **0** MWh at 0°C

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



Get more and more flexibility

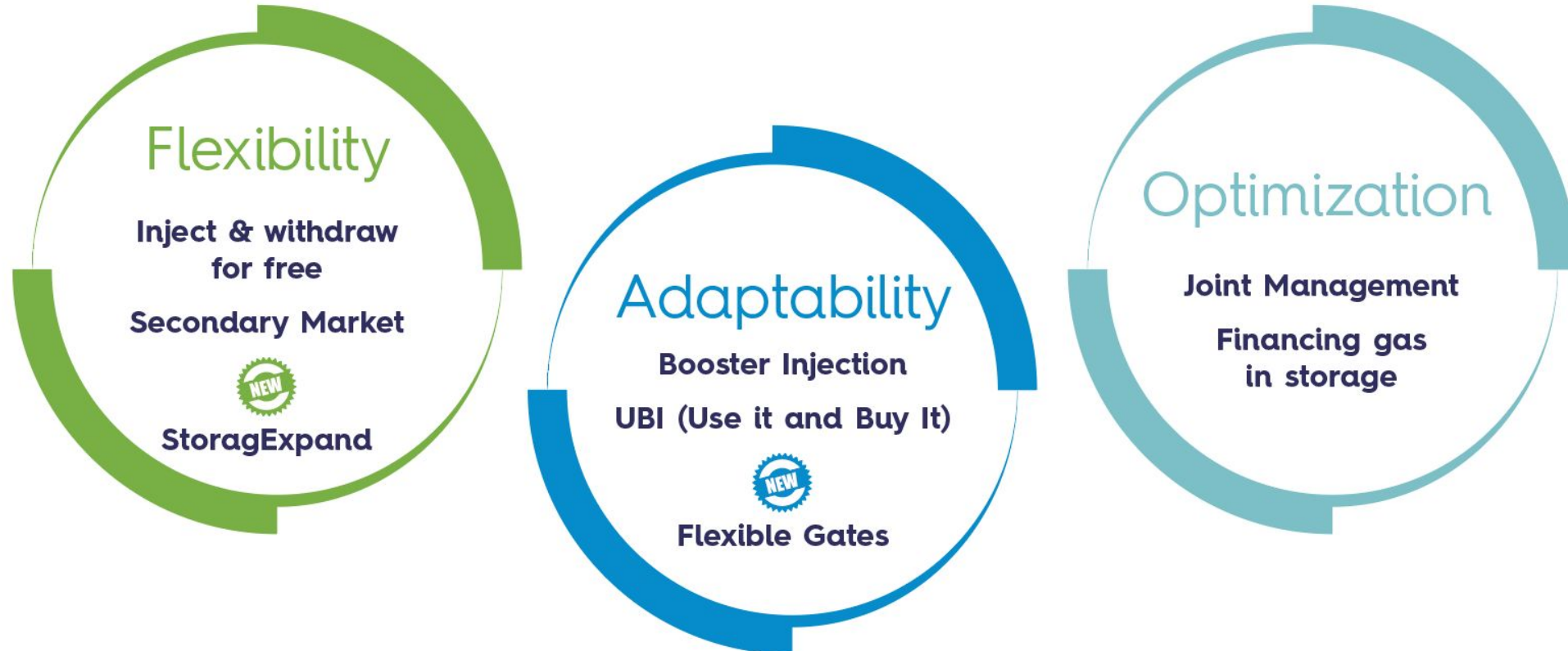
- Benefit from the unused injection & withdrawal capacity every day
- Ask beyond your nominal capacity regardless of your level of gas in storage



- Only the allocated part is invoiced
- Only pay Transport part (firm tariff)
- UBI can be offered on maintenance days



UBI cannot be used to respond to locational spreads



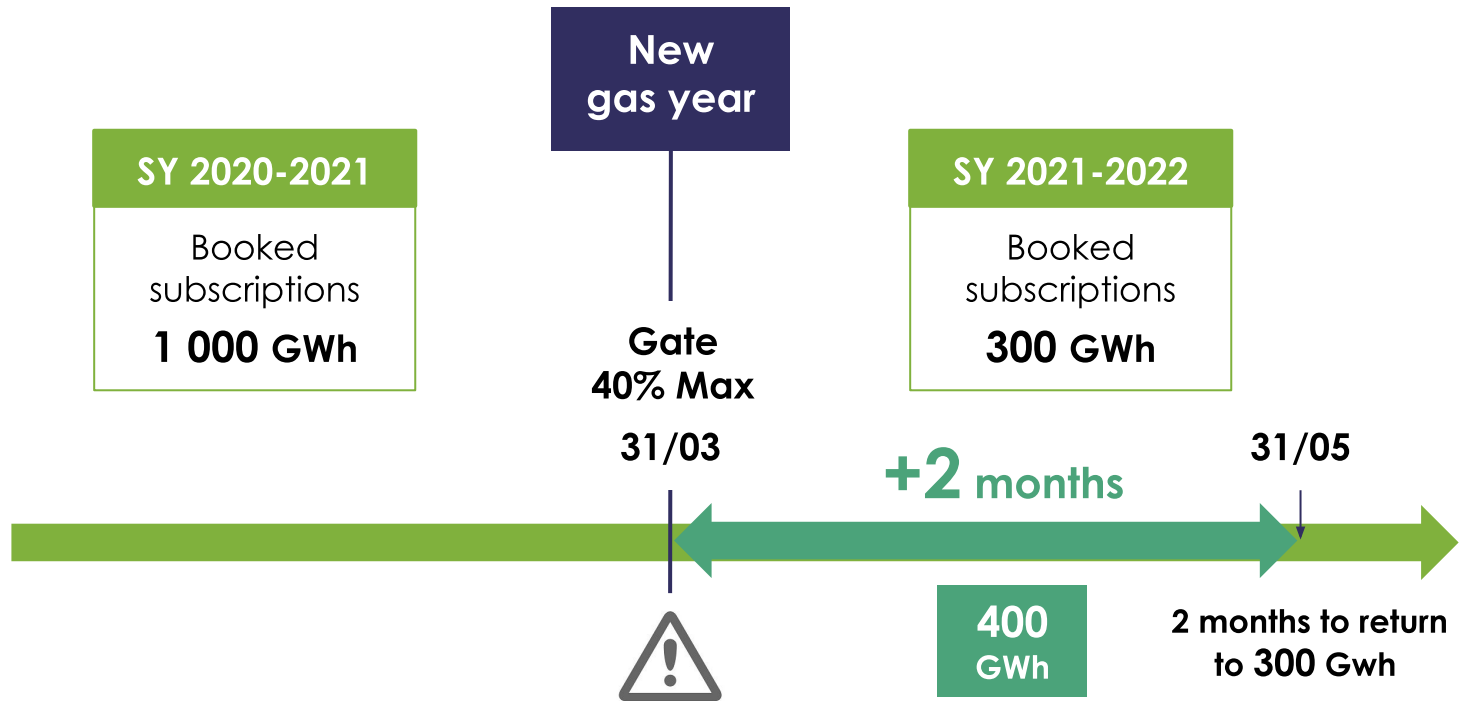


Manage withdrawals over two SY

When on storage year N+1,
you have booked less than
40 %
of capacity booked on year N



possibility of having more than
100 %
in storage between
April 1st and 31st of May of N+1





Adaptability : Flexible gates



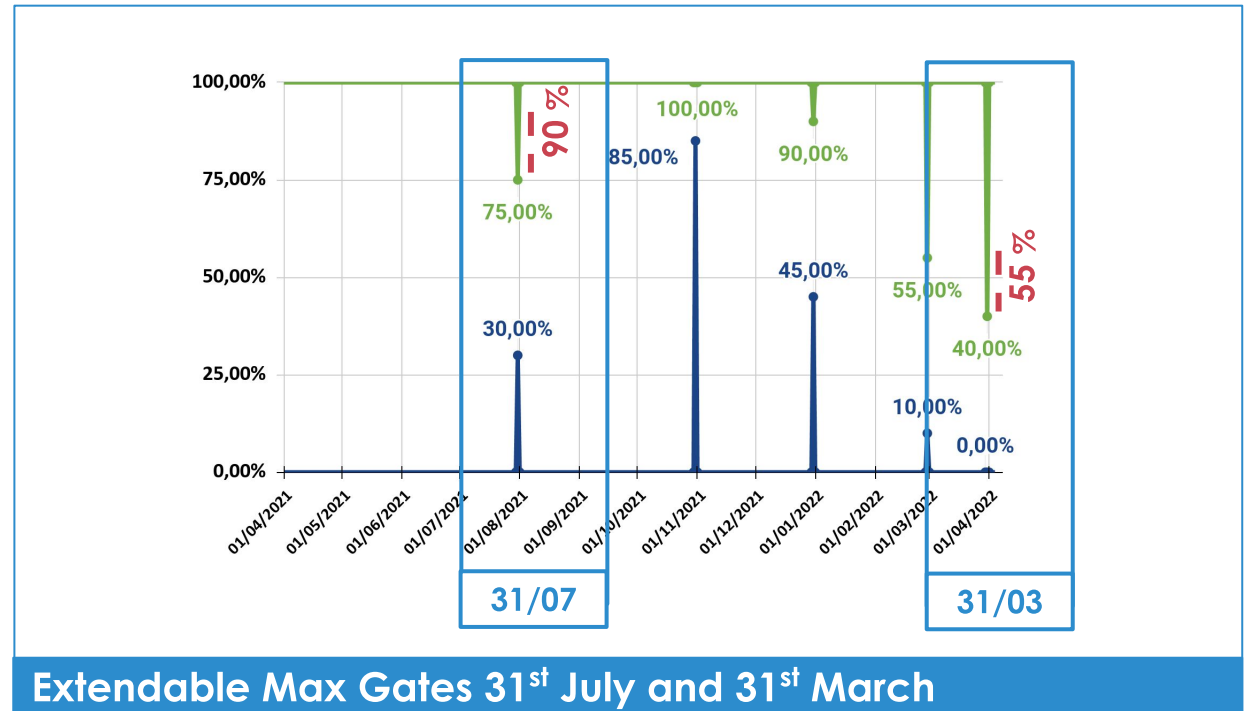
Adapt to market conditions

Take advantage of wider gates
up to **90 %** in July and up to **55 %**
at the end of March



0.15 €/MWh : tariff
applicable on the total volume of
booked capacities

5 % subscription step





How does it work ?

2 months notice for Teréga to inform the market about the flexibility of the gate

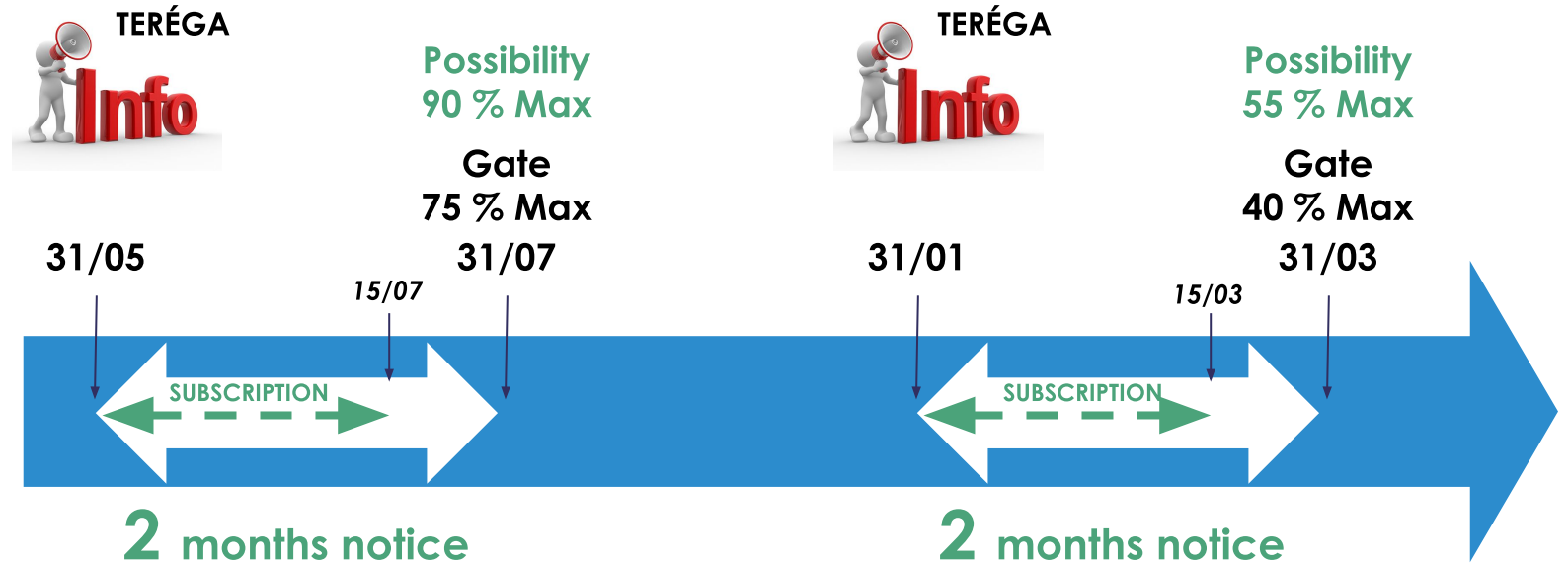
Subscriptions opened until **15th** before the gate

How much is it ?

Example:

On May 31st, Teréga announces that the max level of the gate of 31st of July (75 %) can be raised to 90 %.

Shipper A has 1 TWh of volume for current SY, activates the option at 90 % and pays consequently:
 $(90\% - 75\%) * 1\,000\,000 * 0.15 = 22\,500\text{€}$



04

Teréga's auctions calendar

Storage sales between November 2020 and June 2021

Teréga's auctions for storage year 2021-2022



8

auctions

November 2020

> February 2021

FAST
1,600 GWh

FIZZ
14,500 GWh

FAIR
4,500 GWh

Auction date	Closing time	Standard Product	Volume (GWh)
Thursday 19 November 2020	11h00	FIZZ	2 500
Thursday 19 November 2020	15h00	FAIR	1 500
Thursday 14 January 2021	11h00	FIZZ	6 000
Thursday 21 January 2021	11h00	FAIR	1 500
Thursday 28 January 2021	11h00	FAST	800
Thursday 11 February 2021	11h00	FIZZ	6 000
Thursday 18 February 2021	11h00	FAIR	1 500
Thursday 25 February 2021	11h00	FAST	800

Teréga's auctions for storage years 2022-2023, 2023-2024 & 2024-2025



8

auctions

November 2020

> June 2021

Auction date	Closing time	Standard Product	Period	Volume (GWh)
Thursday 26 November 2020	11h00	FIZZ	2022-2023	2 000
Thursday 26 November 2020	15h00	FAIR	2022-2023	1 000
Thursday 03 December 2020	11h00	FIZZ	2023-2024	1 000
Thursday 03 December 2020	15h00	FIZZ	2024-2025	1 000
Thursday 10 June 2021	11h00	FIZZ	2022-2023	2 000*
Thursday 10 June 2021	15h00	FAIR	2022-2023	1 500*
Thursday 17 June 2021	11h00	FIZZ	2023-2024	1 000*
Thursday 17 June 2021	15h00	FAIR	2023-2024	1 000*

* can be adjusted until 10 May 2021 (between -50% and +100% of the initial volume offered at the auction)

Reserve prices for storage year N = max (spread N – 0.75 ; 0) €/MWh

with spread = average spread TTF Winter N (bid) - Summer N (ask) during the 10 days preceding the opening of the auction (ICIS publication)

Auctions on STOREPLACE



The screenshot shows the TERĒGA STOREPLACE - STORAGE AUCTIONS interface. The top navigation bar includes the TERĒGA logo, local time (14H 57m[UTC+2]), user name (CONQUES, Fabrice), and language (FR | EN). The main content area is divided into three sections: RUNNING, COMING, and CLOSED. The RUNNING section shows 'No running auction'. The COMING section shows 'No coming auction'. The CLOSED section displays three auction cards: FAIR (1 500 000 MWh, 2021 - 2022, Closed on 10 JUN 2020), FIZZ (2 000 000 MWh, 2021 - 2022, Closed on 10 JUN 2020), and FAST (800 000 MWh, 2020 - 2021, Closed on 26 FEB 2020). Each card has a thumbs-up icon.

Blank auction:

**Thursday
12th November
2020**

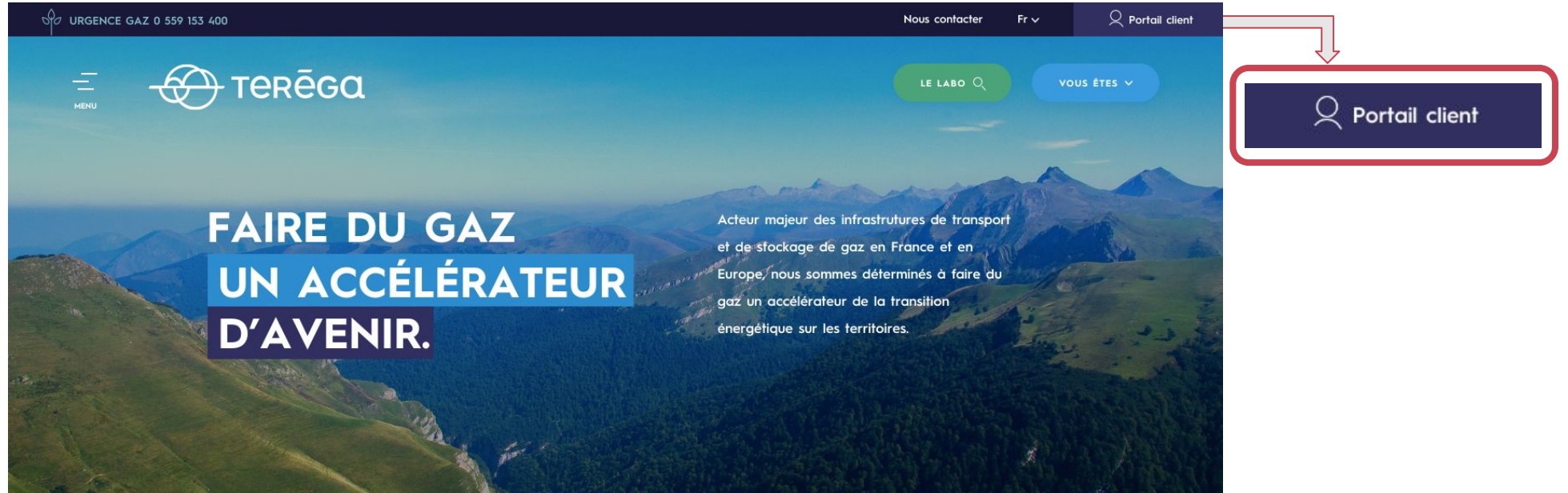
(closing time: 11.00 am)

05

Coming soon

Coming soon : new website

1. Information reorganization on new website



À la une

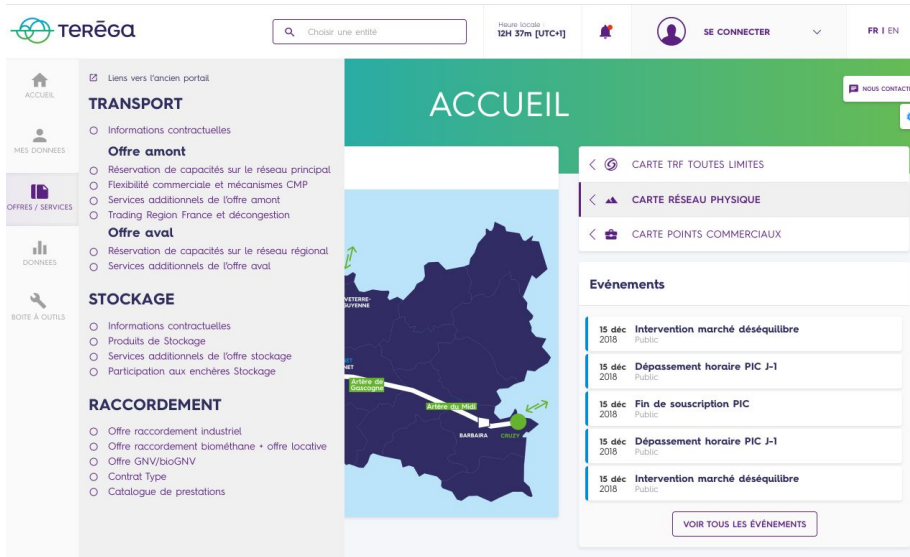


Coming soon : new website : customer portal modifications

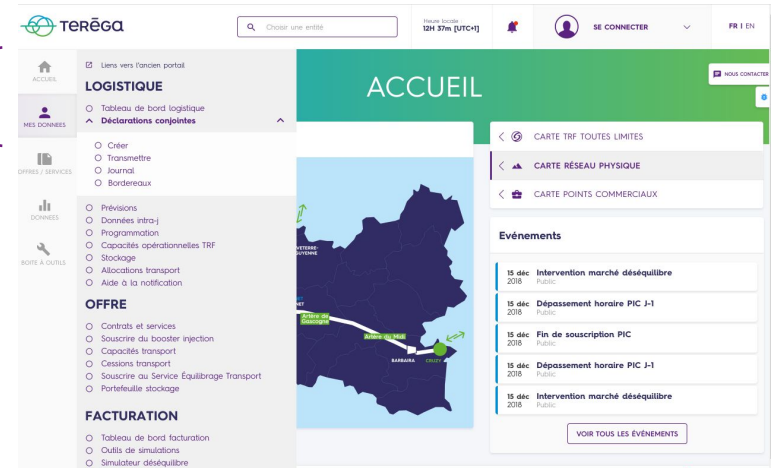
2. Operational and useful information transferred to portal

Public information

Offers & Services
Datas Tools



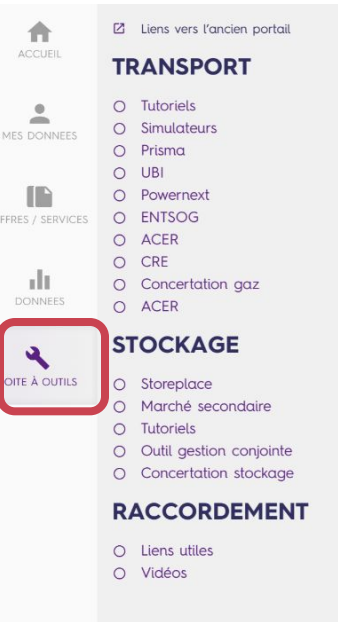
Private information



Private connection :
no impact



Operational tutorials and tools



1. Joint Management at Storage : [link](#)

2. Storage subscriptions :

- PITS transport subscriptions / Stock, CLT and Daily Capacity : [link](#)
- PITSL Interruptibility : [link](#)

3. Storage UBI service : [link](#)

- Storage Optimization and UBI
- Nominating Optimization and UBI
- UBI Tariff

4. Injection booster : [link](#)

- Booster injection principle Subscription for storage and transport Associated Tariff
- Injection booster request
- Guide for requesting for booster on portal

5. Maintenances, vigilance : [link](#)

6. Management of operational exchanges : [link](#)

- Nomination, programmation, balancing and allocation principle with Teréga for all points :

7. Tools

- Tarif simulation tools : [Link to Tariff](#)
- Help for Prorata Temporis calculation (PITS, PITT, superpoint) [Link to Excel tool](#)



[Every available videos on Youtube](#)

Coming soon : customer portal modifications

1. Opening to industrial customers:
end of 2020 (SBT replacement)

2. Datagas stopping:
watch out for your shortcuts: information
no longer updated neither available:
only use [portail Terega](#)

The screenshot displays the TEREGA customer portal interface. At the top, there is a search bar with the text "Choisir une entité", a local time indicator "Heure locale 12H 37m [UTC+1]", a notification bell, a user profile icon with "SE CONNECTER", and a language selector "FR | EN".

The main navigation menu on the left includes: ACCUEIL, MES DONNEES, OFFRES / SERVICES, DONNEES, and BOITE À OUTILS. A checkbox "Liens vers l'ancien portail" is checked.

The central content area is divided into three main sections: TRANSPORT, STOCKAGE, and RACCORDEMENT. The RACCORDEMENT section is highlighted with a purple box and a large number "1".

TRANSPORT

- Informations contractuelles
- Offre amont**
 - Réservation de capacités sur le réseau principal
 - Flexibilité commerciale et mécanismes CMP
 - Services additionnels de l'offre amont
 - Trading Region France et décongestion
- Offre aval**
 - Réservation de capacités sur le réseau régional
 - Services additionnels de l'offre aval

STOCKAGE

- Informations contractuelles
- Produits de Stockage
- Services additionnels de l'offre stockage
- Participation aux enchères Stockage

RACCORDEMENT

- Offre raccordement industriel
- Offre raccordement biométhane + offre locative
- Offre GNV/bioGNV
- Contrat Type
- Catalogue de prestations

The main content area features a large green header "ACCUEIL" and a map of France. A callout box on the map highlights "Artère de Gascogne" and "Artère du Midi" with green arrows. Other locations marked on the map include VETTERE-SUYENNE, BARBAIRA, and CRUZY.

On the right side, there are three menu items: "CARTE TRF TOUTES LIMITES", "CARTE RÉSEAU PHYSIQUE", and "CARTE POINTS COMMERCIAUX". Below these is an "Événements" section with a list of events:

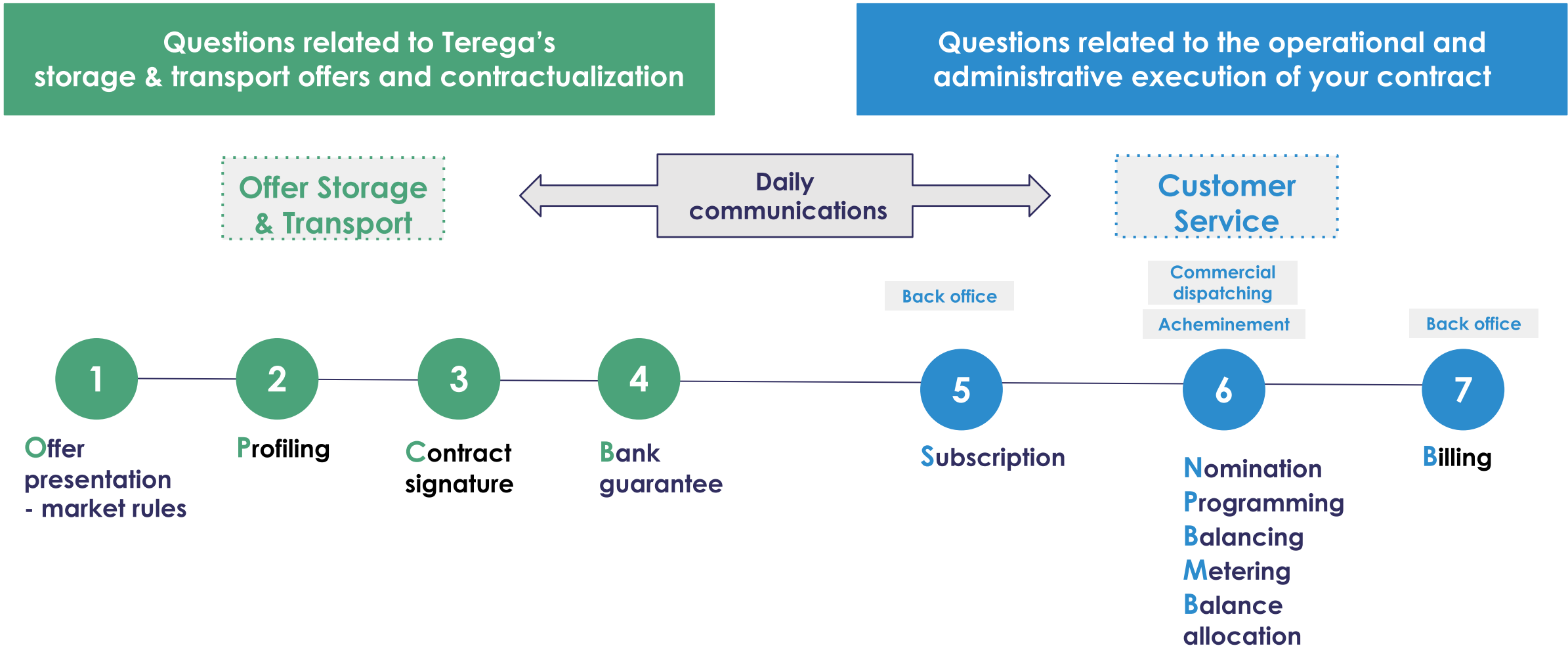
- 15 déc 2018 Intervention marché déséquilibre (Public)
- 15 déc 2018 Dépassement horaire PIC J-1 (Public)
- 15 déc 2018 Fin de souscription PIC (Public)
- 15 déc 2018 Dépassement horaire PIC J-1 (Public)
- 15 déc 2018 Intervention marché déséquilibre (Public)

A button "VOIR TOUS LES ÉVÉNEMENTS" is located at the bottom of the events list.

06

Conclusion

Our organisation for yours daily contacts



Contact us



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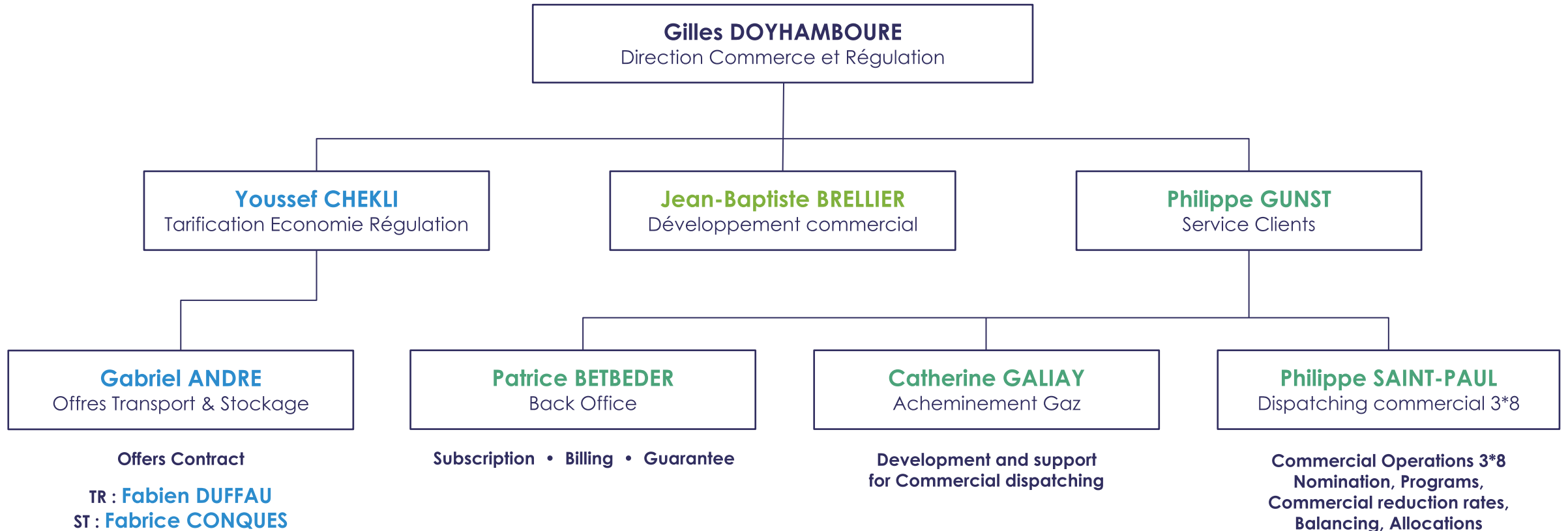
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Contact and today animators





Thank you and see you soon on www.portail.terega.fr !