

TDF Infrastructure

2021 ANNUAL RESULTS - BONDHOLDERS CREDIT UPDATE



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- 4G, 5G: mobile phone communication standards
- Active sites: TDF sites hosting at least one active PoS/PoP
- Built-to-Suit: Towers that are built on demand to meet the needs of the MNO
- DTT: Digital Terrestrial Television (digital broadcasting technology)
- FM: Frequency Modulation (radio broadcasting technology)
- FttH: Fiber to the Home (broadband optical fiber network reaching the boundary of the living space, such as a box on the outside wall of a home)
- UHD: Ultra High Definition (video format)
- ISP: Internet Service Provider
- IRU: Indefeasible Right of Use
- IoT: Internet of Things
- Marketable sites: sites with no active PoS/PoP, but on which TDF has legal rights (incl. framework agreement for rooftops only)
- MNO: Mobile Network Operator
- Mux/Muxes: Multiplex, group of TV channels combined in a unique data stream on the same frequency
- PIN: Public Initiative Network (fiber network in low density area, co-funded by local authorities)
- PoP: Point of Presence = 1 Telecom client hosted on 1 site (no matter how much equipment of the client is hosted on this site)
- PoS: Point of Service = 1 DTT Mux hosted on 1 site or 1 FM radio hosted on 1 site



Agenda

- 1. 2021 Highlights
- 2. Business Developments
- 3. 2021 Financials
- 4. Conclusion
- 5. Appendices





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N.B.: Numbers are presented pre IFRS16 as of 31 December 2021



Key activities snapshot as of 2021



Overview of Current ESG initiatives



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- 4. Ring-fencing of Fibre activities
- 5. Conclusion
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TDF delivered a strong growth led by site hosting business and fiber ramp-up



March 2022

Note: (1) Change of method: commercialisation rate calculated based on the number of installed plugs net of churn by cohort

Telecom: TDF revenues continue to grow on the back of favourable market trends

A growing asset base for an unparalleled offer to clients:

- TDF's BTS program is organic, supported by its state-ofthe-art in-house pylon manufacturing capabilities
- 1,131 Build-to-Suit sites delivered as of December 2021

<u>4G densification, New Deal program and 5G rollout will</u> continue to fuel the demand for telecom infrastructure:

- MNO PoPs market growth: +6.7% in 2021
- New Deal targeted coverage program requires every MNO to deploy 5,000 new cell sites by 2024. c.1,000 have been rolled out at end September 2021.
- As of September 2021, c.22,600 5G sites have been activated by MNOs
- TDF enables 5G rapid rollout: 5G PoP upgrades, Mobile Edge Computing housing, etc.

The renewal of framework agreements with 3 MNOs (Bouygues Telecom, SFR and Free) in 2021 substantially increases revenue visibility and better positions TDF to seize additional PoP volumes

614 614 1,131 893 614 10 2016 2017 2018 2019 2020 2021

A long track record of delivering Build-to-Suit sites

(# of BtS delivered)



Broadcast: DTT and FM are stable businesses

DTT remains a popular platform for watching television in France:

- DTT penetration remains high: 50% in H1 2021
- DTT covers 97% of the French population and is the only TV reception mode for 21% of French households
- French law and European decisions secure DTT frequencies allocation until 2030
- DTT is an energy-efficient, low-carbon, robust and reliable platform (constant quality regardless of the number of concurrent users)
- DTT modernization is on track: the 2021 broadcasting law will empower the CSA to deliver UHD authorizations

TDF succeeded in renewing contracts and preserving market shares:

- DTT revenues are largely secured following contracts renewals achieved in 2021 with 4 Muxes (Multi-4, SMR6, NTN, CNH)
- TDF owns 86% of Hosting DTT market and 72.5% in Transmission (as of Dec 2021)
- TDF operates 75% of FM frequencies of the public broadcaster and 41.5% of the commercial broadcasters

DTT Broadcasting PoS







FttH: efficient industrial platform delivering roll-out acceleration and achieving fast-growing subscribers take-up

Very strong dynamic in network roll out (as of December 2021))
FTTH Metrics (in thousands)	5	Dec 2018	Dec 2019	Dec 2020	Dec 2021	Target	% Achieved
	D'OISE FIBRE	69.6	83.1	83.1	87.8	84.9	103%
Total plugs	yuelines Fibre	13.6	56.7	93.4	97.7	102.7	95%
built and under	Val-De LOIRE FIBRE		45.6	117.9	214.7	319.2	67%
construction	ANDOU		60.5	211.9	227.2	229.3	99%
	Total	83.2	245.9	506.3	627.4	736.1	85%
	D'OISE	20.5	60.8	81.3	87.0	84.9	102%
Total plugs	Suelines Fibre		24.4	72.8	91.1	102.7	89%
available for			2.1	36	121.7	319.2	38%
sale			3.8	43.3	110.7	229.3	48%
	Total	20.5	91.1	233.4	410.6	736.1	57%
	D'OISE	1.4	9.5	31.2	45.6	84.9	54%
	yuelines Fibre		1.9	22.9	46.6	102.7	45%
Total plugs connected ⁽¹⁾			0.1	4.0	28.4	319.2	9%
			0.1	5.1	35.0	229.3	15%
	Total	1.4	11.6	63.3	155.5	736.1	21%

Commercialization⁽²⁾ well ahead of expectations



(1) number of plugs commercialized divided by project's total number of plugs

- TDF has commercial agreement with all French major ISPs and enjoys a de facto monopoly on the 4 territories where it rolls out, commercializes and maintains FTTH networks
- Commercial momentum is very strong with penetration figures well above ARCEP's projections; TDF is amongst the fastest players to roll out fiber in its territories and where commercialization is well above expectations
- TDF has completed or almost completed the roll-out in 2 territories (Val d'Oise and Yvelines) and is well advanced in Val-de-Loire and Anjou
- TDF Fibre has a proven and effective industrial platform that made possible the strong roll-out volume observed in 2021, conferring high confidence to complete the remaining portions of the networks

Larger backlog provides increased visibility on cash flows

Backlog representing now up to 5.3 years of revenues (vs. 4.7 years in 2020)

Revenue backlog breakdown over time as of 31 Dec 2021 (€m)



Backlog composition



Long-term contracts with top quality MNOs



(1) 10-year contract with expected 5-year extension ; 2021 backlog excludes extensions

March 2022

TDF Infrastructure 2021 Annual Results

High visibility on revenues:

- TDF has renewed in 2020 and 2021 contracts with 3 MNOs extending contracts' length beyond 2030
- TDF also renewed its DTT contracts with 4 Muxes



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Key 2021 Financials

Strong growth driven by Telecom site hosting and Fibre





Fibre : strong revenue growth on track





Fibre Revenue



Notes: * Other services include: Mobile Edge Computing, Build & Run, datacenter & connectivity, indoor, etc.

372.2

39.4

332.8

2020

In €m

TDF Infrastructure 2021 Annual Results

Key 2021 Financials

Profitability and Capex on the rise, mainly driven by infrastructure growth



Capex are balanced between Towers and Fibre In €m 418.4 352.7 108.2 +11.6%



Capex Tower Capex Fibre

Bulk of Capex directed to the roll-out of new infrastructure



TDF Infrastructure 2021 Annual Results

Key 2021 Financials

Maturity profile and liquidity boosted following 2021 refinancing



- TDF successfully issued on 25 November 2021 a €800m bond maturing in 2029 to refinance the 2022 bond and to cover future funding needs
- TDF simultaneously carried out a tender offer on the existing bond of €600m due October 2022, reaching 63% of bond tendered
- Comfortable debt maturity profile: weighted average maturity is 4.9 years as of December 2021 (including capex facility before extension options)
- In March 2021, TDF raised a €300m syndicated Capex Facility to finance capex and potential acquisitions
 - In February 2022, TDF extended the maturity of the facility until 2025
- In February 2022, a €735m term facility was arranged for TDF Fibre in order to make the fiber perimeter fully self-funded
- Shareholders and management committed to investment grade financial policy



Update on 2022: Ring fencing of TDF Fibre activities



- The loan dedicated to the development of Fiber coverage in low-density areas in France benefits from the "Social Loan" label
 - TDF Fibre is committed to report on KPI supporting digital inclusion and fostering local employment as specified by the "Social Loan Principles" issued in April 2021
 - The Social Loan will finance the access to ultra-fast broadband and will also enable trainings & integration for the local population in the awarded departments during the construction phase
- This non-recourse debt will allow to (i) refinance a portion of the capex already incurred (ii) finance the completion of existing networks • and (iii) fund potential developments in new territories: Overall, this is enhancing TDF Group's Credit profile as the Capex related to fiber will no longer weigh on the cashflow of the group
- In February 2022, Fitch affirmed TDF's rating (BBB-, stable) and confirmed the analytical deconsolidation of Fibre activities from • the rated perimeter

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TERRITOIRES

€735m Non-

recourse social loan

ANFI



March 2022

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Conclusion

A sustained growing infrastructure base	 TDF enlarged its infrastructure base in line with the organic growth strategy pursued since 2016 : +1,300 telecom towers erected since the launch of the program TDF accelerated and is on track to complete the roll-out of awarded fiber networks, delivering a record of +177k plugs available for sale in 2021 thanks to a proven industrial platform
Strong financial performance achieved in 2021	 TDF delivered +6.4% growth of revenues and +5.8% growth of EBITDA in 2021 The Telecom business posted a +9.5% growth in 2021 driven by mobile coverage needs and 5G The Fiber business increased by almost two-fold during 2021 thanks to a very strong commercial momentum The broadcasting platform confirmed its resilience
A sound financial structure backed by robust cash-flows	 High, long-term visibility on cashflows thanks to robust backlog of €3.8bn (accounting for 5.3x of revenues) which increased by +17.9% Strengthened financial structure with i) secured October 2022 bond refinancing and ii) non-recourse debt to finance the roll-out of Fibre TDF is committed to maintaining its Investment Grade rating







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TDF Group organisational chart



Overview of Current Infrastructure Assets of TDF



Unique portfolio of assets for media & telecoms



• Telecom infrastructure services complementary to broadcasting activity ensuring optimisation of tower utilisation rate and cost synergies:

- Overall colocation rate on TDF sites in 2021 : 4.2x
- DTT colocation rate : 3.3x, Radio colocation rate : 3.8x
- Telecom colocation rate (including IoT) : 2.8x, o/w MNO colocation rate : 1.85x
- 33.5%* of towers built on TDF's own land, typical leases range from 5 to 99 years

* after acquisition in May 2021 of TORM (Towerco Réunion Mayotte)



Overview of tower site configuration





Infrastructure ownership structure of the French Telecom site hosting market (# MNO PoPs) - 2021 vs 2020 proforma



- There were 81,300 MNO PoPs in France as of Dec. 2021 (+6.7% vs. 2020)
- TDF's overall market share remains stable at 14% of the MNOs PoPs market
- Source ANFR database, restated by TDF (projection factoring all PoPs transferred from MNOs to TowerCos across all known deals)



Mobile New Deal Status

Reminder of key objectives



MNOs have demanding commitments in rural areas for 2022 and 2023



Increase the pace of targeted coverage improvement programs, requiring every MNO to deploy 5,000 new cell sites by 2024 (2,000 in black spots and 3,000 in grey areas), some of which will be shared



Provide ubiquitous 4G coverage, which will involve bringing 4G to more than a million additional people in 10,000 municipalities, by upgrading all existing 2G and 3G sites to 4G by end-2020



Accelerate coverage of transport corridors, so that the main roadways (more than 55,000 km) and railway lines are all 4G-capable (obligation applied only to the winners of 1800 MHz band allocation)



Achieve ubiquitous indoor telephone coverage, notably by providing a voice over Wi-Fi service to customers with compatible hardware

Improve reception quality nationwide, and particularly in rural areas (new baseline standard will be "good coverage")



- As of end September 2021, 2,986 areas have been selected by Local Authorities and the government to be covered by MNOs (of a total target of 5,000 areas to be rolled out)
- Meanwhile, MNOs have rolled out 1,043 sites. 35 sites are pending, being assessed by Arcep. 1,908 sites should be rolled-out in the next two years, of which 71 over the next six months.

Source: ARCEP



DTT Muxes





Broadcast market: DTT penetration remains high

Penetration of TV reception modes in French TVHHs (all TV sets included)							
	2017	2018	2019	2020	H1 2021		
DTT*	55,0%	53,7%	54,0%	52,5%	50,2%		
IPTV	55,0%	56,7%	58,4%	60,5%	61,4%		
Satellite	23,6%	22,3%	21,1%	18,2%	17,1%		
Penetration of TV reception modes in French TVHHs (main TV sets)							
	2017	2018	2019	2020	H1 2021		
DTT*	43,8%	42,8%	43,7%	42,6%	41,0%		
IPTV	52,0%	54,0%	54,0%	56,5%	59,1%		
Satellite	20,8%	19,5%	18,3%	15,9%	16,6%		
DTT only reception mode (% TVHHs)							
	2017	2018	2019	2020	H1 2021		
DTT*	23,6%	22,4%	21,9%	21,0%	21,2%		
*(DTT + FTA cable in collective dwellings) S							

- DTT remains a very popular platform for viewing television in France
- DTT penetration remains high at c.50% in H1 2021, even though IPTV is gradually growing
- DTT is by far stronger on secondary TV sets



French High Speed Broadband Plan: TDF is present in the most secured market segment

- Plan France Très Haut Débit (PFTHD, French High-speed Broadband plan) launched in 2013 to cover 100% of the country with 100Mbps by 2025 with FttH deployment
- Splits France into 3 areas:
 - Very High Density Areas: not covered by PFTHD, private operators deploy fibre without public subsidies
 - Medium Density Areas (AMII): exclusive agreement between Orange and SFR to deploy without subsidies
 - Low-density areas: private operators deploy fibre with subsidies in PIN areas and without in AMEL² areas

	Very dense areas	AMII	PIN AMEL		
% of population	5	7%	43%		
# plugs (m)	6.5	13.7	16.9		
Type of network	Fully competitive	Sharing agreement and open access	Public network open to all operators		
Local monopoly on network	×		De Facto Monopoly		
Fibre network access pricing	Competitive	Reasonable price controlled by ARCEP	Not regulated but follows pricing guidelines issued by ARCEP		
			Territories where TDF is present		





FttH network



FTTH: Proven wholesale FTTH Platform Focused on the Most Secure Fibre Market Segments



Notes: (1) Date of first concession awarded (Val d'Oise); (2) Public Initiative Network; (3) Public Service Delegation

Recap on key figures

		Dec 2021	Dec 2020	Change Dec 21 / Dec20
Key items of consolidated income statement				
Revenues	€m	731.7	687.5	+6.4%
EBITDA	€m	464.2	436.6	+6.3%
As a % of revenues	%	63.4%	63.5%	-0.1 pt
EBITDAaL (*)	€m	412.2	389.6	+5.8%
As a % of revenues	%	56.3%	56.7%	-0.3 pt
Current operating income	€m	264.4	228.3	+15.8%
As a % of revenues	%	36.1%	33.2%	+2.9 pts
Operating income	€m	259.9	224.1	+16.0%
Profit (loss) attributable to owners of the Company	€m	(3.6)	(9.1)	-60.8%
Key items of consolidated cash flow statement Cash flows from operating activities after operating leases	€m	378.2	364.8	+3.7%
As a % of revenues	%	51.7%	53.1%	-1.4 pt
Purchase of operating fixed assets excluding increase in right-of-use assets (IFRS 16)	€m	(418.4)	(352.7)	+18.6%
As a % of revenues	%	-57.2%	-51.3%	-5.9 pts
Operating free cash flow after operating leases	€m	(33.1)	17.6	-288.4%
Key items of financial structure				
Net debt		1932	1508	+28.1%
excluding Shareholders loan and accrued interests, and excluding Lease liability (IFRS 16)	d €m	1932	1000	120.170

Key performance indicators							
Order backlog	€m	3,844	3,259	+17.9%			
Number of Group sites	Х	19,229	19,000	+1.2%			
FTE end of period	Х	1,840	1,837	+0.2%			

(*) EBITDAaL: EBITDA plus expenses related to operating leases, and excluding IFRS 2 charges, severance payments and related fees

in millions euros	Dec 2021	Dec 2020	Change Dec 21 / Dec20
Digital Television	169.1	173.8	-2.7%
Radio	111.5	112.1	-0.6%
Total Broadcasting Services	280.6	285.9	-1.8%
Telecom: Site Hosting	362.6	332.8	9.0%
Telecom: Other Services	44.9	39.4	13.8%
Total Telecoms & Services	407.5	372.2	9.5 %
Fiber (FTTH)	36.3	20.2	80.0%
Other	7.3	9.3	-21.0%
Revenues	731.7	687.5	6.4%

