

BE PART OF A WORLD
OF POSSIBILIDADES.
TIM NETWORK.
YOU CAN COUNT ON US.

-45G **-5**G DSS

TIMB TIMS
LISTED B3 LISTED NM
NYSE ISE B3

Imagine as possibilidades

Disclaimer



This presentation contains declarations that constitute forward looking statements regarding the intent, belief or current expectations of the customer base, estimates regarding future financial results and other aspects of the activities.



Such forward looking statements are not guarantees of future performance and involve risks and uncertainties, and actual results may differ materially from those projected as a result of various factors.



Analysts and investors are cautioned not to place undue reliance on those forward looking statements, which speak only as of the date of this presentation. TIM S.A. undertakes no obligation to release publicly the results of any revisions to these forward looking statements.



Financial results are presented considering impacts from IFRS 16 adoption.



The normalized numbers reported in this presentation are adjusted by the effects listed in the notes.





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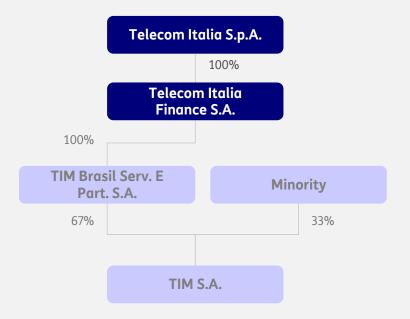


ABOUT US

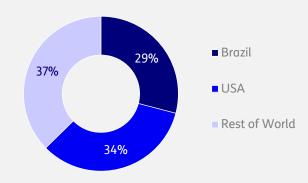
The Company in a nutshell



SHAREHOLDERS' STRUCTURE



Shares (% of Free Float)



ESG: A long journey already taken



MORE THAN A DECADE OF INITIATIVES AND RESULTS

13 ISE B3 Brazilian Telco for the longest time in the Corporate Sustainability Index of the B3



Instituto EETIM

TIMS **B3** LISTED NM

Only Telco in the **Novo** Mercado (since 2011), with the implementation of the **Statutory Audit Committee** since 2013

Since 2013, Instituto TIM has been developing and promoting projects and initiatives for the democratization of education in ST&I

Indexes and acknowledgements

(indexes)

ISE B3

Teva Indices ESG Mulheres no

MSCI (#)

ICO2B3



CDPR Index

Climate Resilience

Ambition REFINITIV -

Índice S&P/B3 Brasil ESG

(reports)



Conselho®

Communication on Progress (UN)

GHG Inventory



Disclosure of emissions and climate change-related information

Seal (CGU)

Sustainability Report

(acknowledgements and best practices)



Global Compact Signatory



TIMS **B3** LISTED NM 1st Telco Pró-Ética

Novo Mercado since 2011, highest level of corporate governance The best rated company

1st in data privacy

in the survey on internet providers' policies for data protection¹

(certifications)

Quality Management





Environmental System Management



Management



Information Security Management

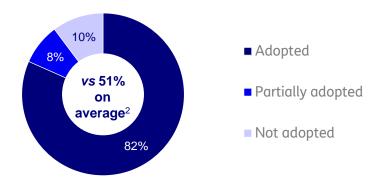
ESG: Highest level of Corporate Governance

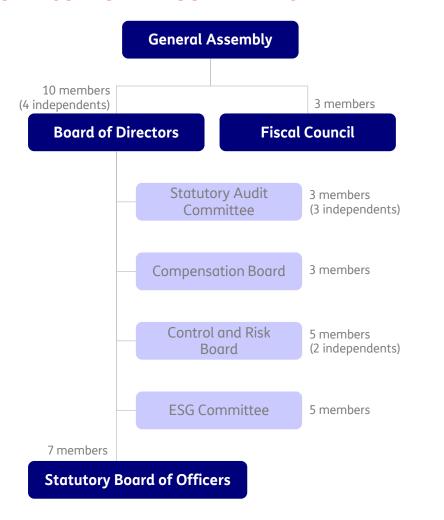


STRUCTURE TO REINFORCE AND GUARANTEE A SOLID CORPORATE GOVERNANCE

- → Unique Telco listed on the Novo Mercado segment: Equal rights vote, dividends and tag along
- → **Stock-based long-term incentives:** compensation aligned to shareholders' interests
- → Board of directors: **40% independent** + **top 12 companies in female representation** (30% of board members)¹

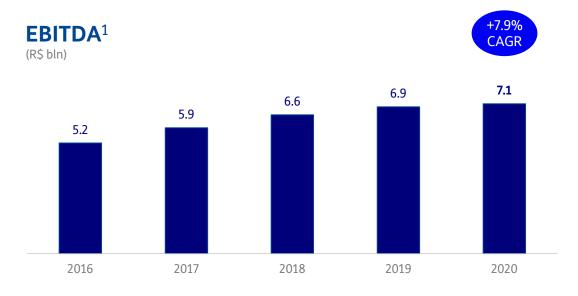
Corporate Governance Form (ICVM 586)



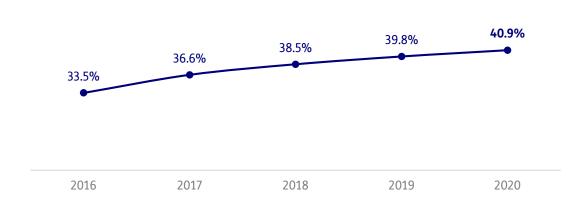


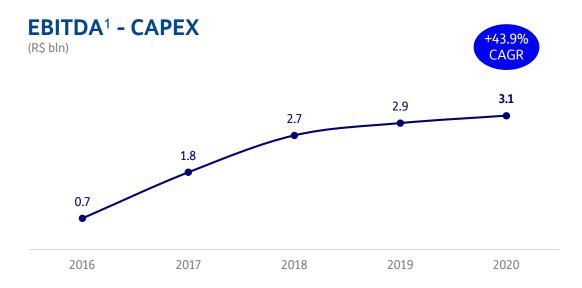
Solid results with sustainable growth above market average





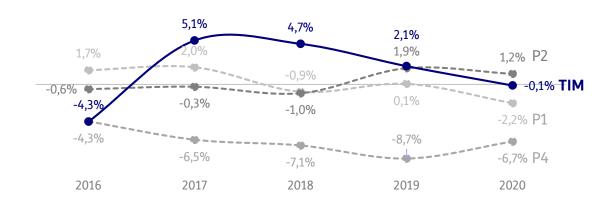
EBITDA Margin¹





Net Service Revenues²

(∆ YoY)



Detailing Strengths and Countering Weaknesses



Ability to Grow Revenues

- Net Service Revenues growing in 15 of 16 quarters => CAGR (16-20) +3.2% vs. +2.5% (overall market)
- Mobile ARPU CAGR (16-20): 8.5%
- 29 quarter of TIM Live Revenues growing double-digits => CAGR (16-20): +34.2%
- TIM Live ARPU CAGR (16-20): ~12%
- Resilient revenues with transformed revenues mix:
 - Postpaid: 45% (16') => ~65% (20')
 - Prepaid: 49% (16') => ~30% (20')
- >80% of 4G penetration on customer base from ~25% in 2016
- Zero revenue legacy in pay-tv or fixed voice

Efficiency & Capacity to Generate Cash

- OPEX CAGR (16-20): -0.4% vs. +4.4% (inflation¹)
- 18 quarters of EBITDA positive growth
 => CAGR (16-20) +7.9% vs. +2.5%
 (overall market²)
- 2nd highest EBITDA margin in the world³
- Low leverage with zero exposure to FX
- Net cash position (ex-IFRS16) in 2020
- ~1 bln in dividend/JCP per year
- Capex on revenues declining:
 28% (16') => ~23% (20')
- EBITDA-Capex CAGR (16-20e): 42.1%

Tangible & Intangible Assets

- Broadest and Best 4G coverage
- Solid infrastructure
 - >100k KM of fiber (CAGR 16-20: +11.4%)
 - >20k cell sites (CAGR 16-20: +7.0%)
- Leader in agribusiness IOT market
- Strong brand: TOP of mind 2020⁴
- Solid ESG metrics: Novo Mercado, B3
 Sustainability Index, ESG S&P Index, etc
- Employee engagement at 85% in 2020

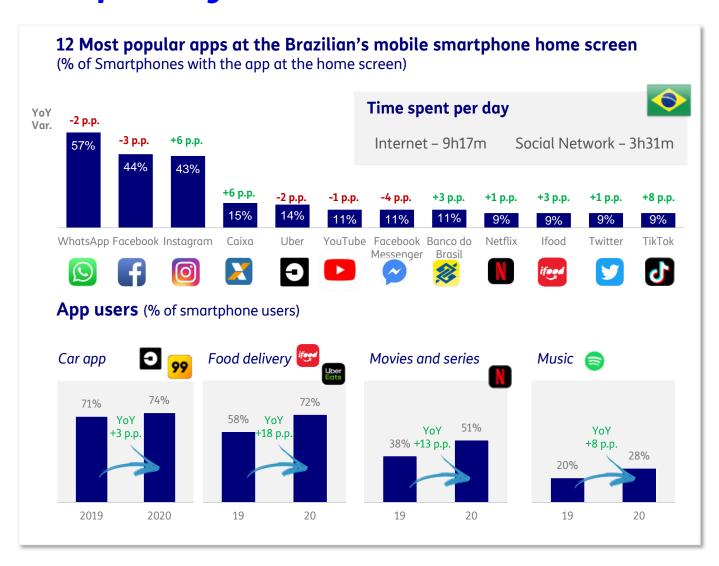


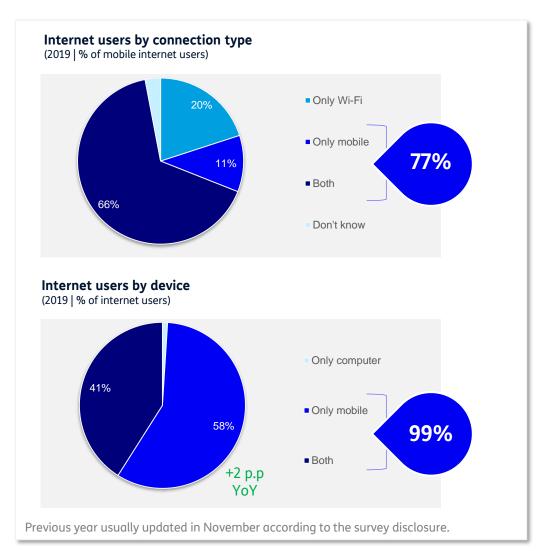


MARKET OVERVIEW AND TIM'S POSITIONING

New consumer habits reinforce data service as essential, especially over mobile network

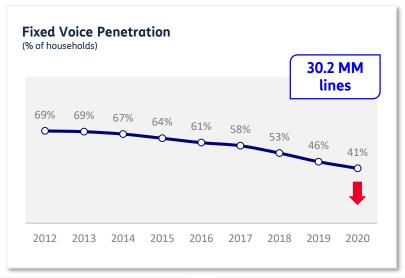


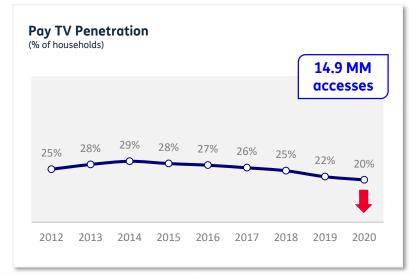


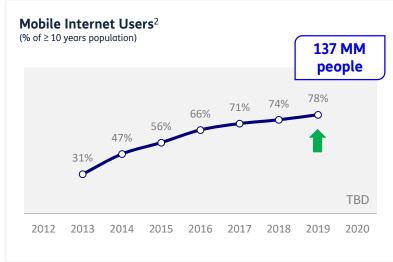


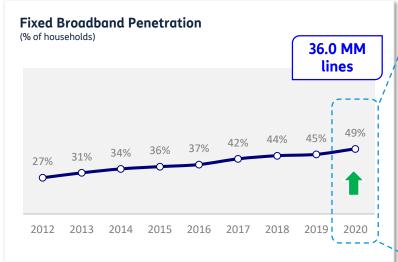
Traditional services have been losing relevance in this new framework and internet has been gaining prominence

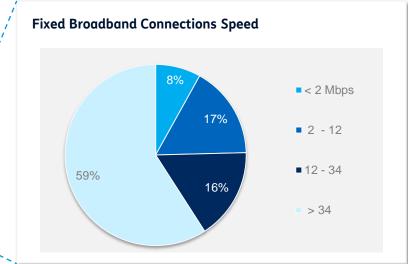






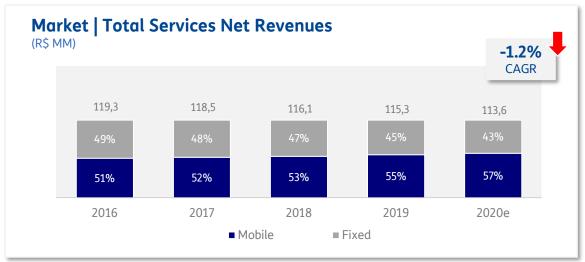


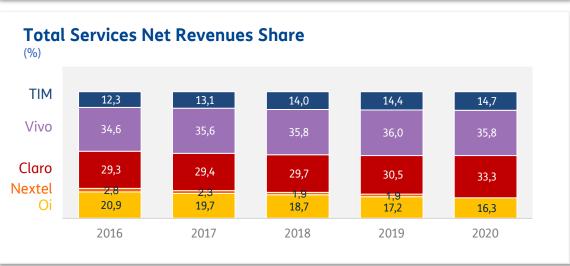




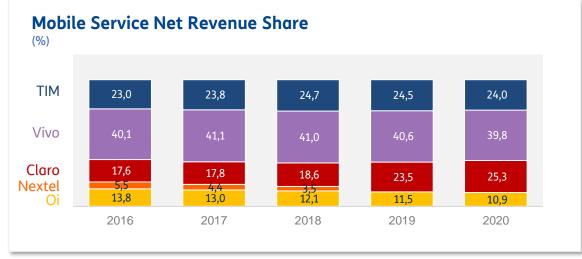
Market revenue dynamic indicates mobile growth, and highlights TIM's evolution





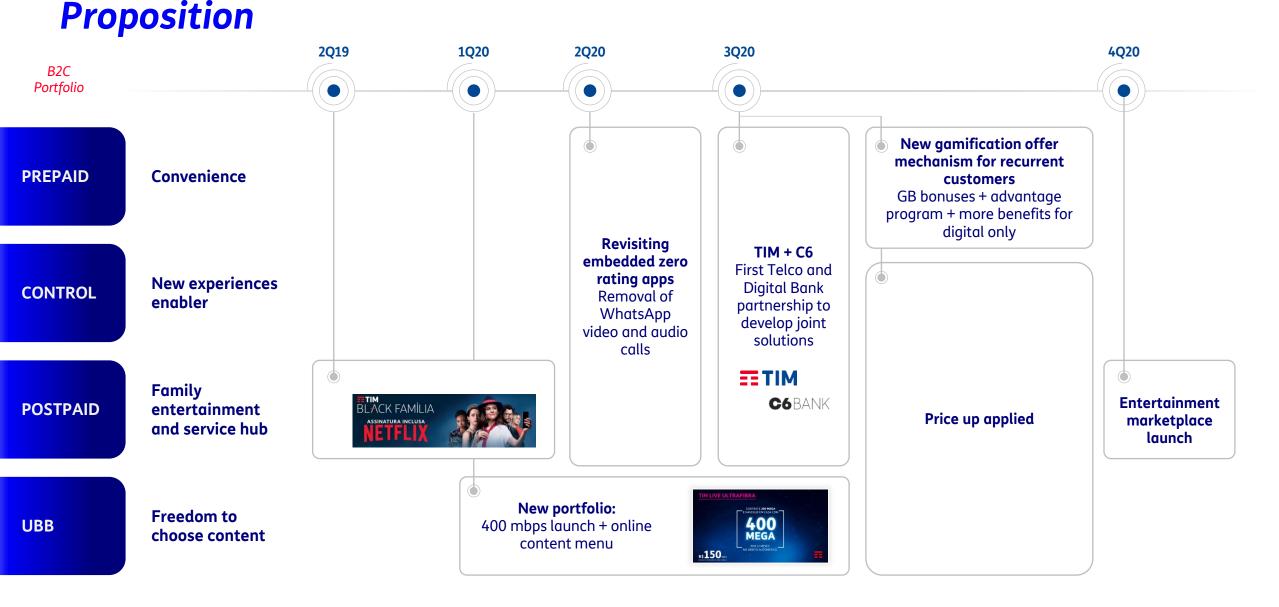






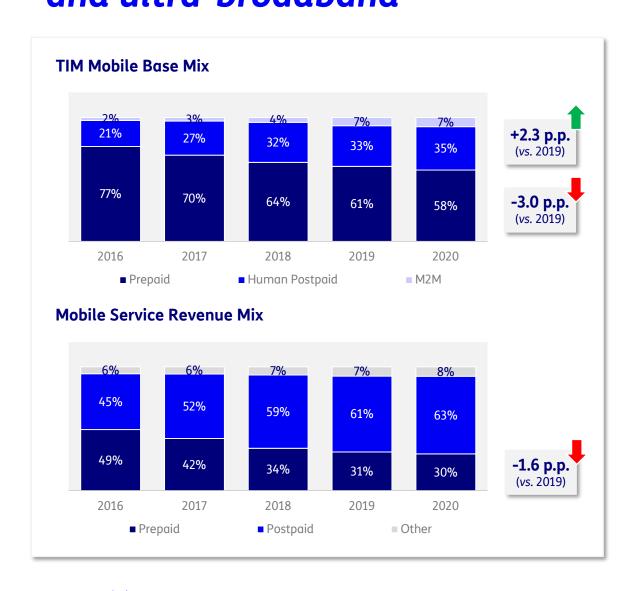
A Rational Market Approach Combined With an Evolved

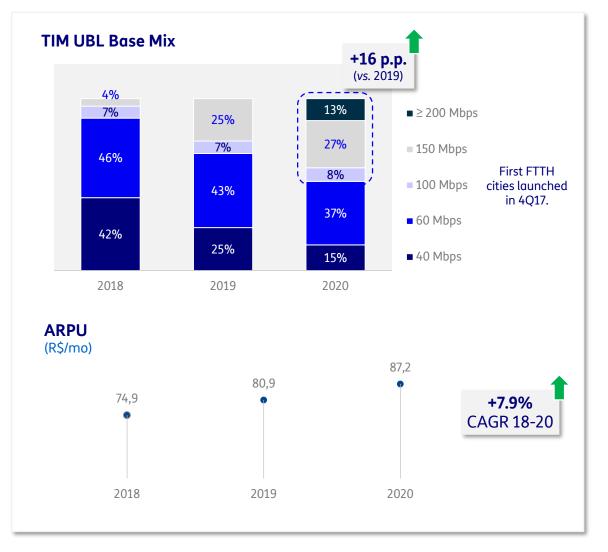




Transformation process of customer base seeks value in mobile and ultra-broadband











STRATEGIC PLAN 2021-23



During the next years, some relevant trends will have structural implications on operators' business model in Brazil, while economy will recover, but still at uncertain pace







Acceleration in digital consumption



Wave of asset separation



Monetization of Consumer Platform



Paving the way for 5G



IoT and M2M technology

Dynamic

Moving from 5 to 4 after Nextel acquisition and from 4 to 3, after Oi's mobile assets sale is completed Data demand growth for mobile and fixed, further accelerated by Covid-19 Increasing initiatives of network separation (InfraCo vs. ServCo) Increasing numbers of digital business leveraging Telco's Consumer Platform (e.g. digital wallet, data monetization) **Preparation to launch 5G,** with 5G DSS as marketing positioning, auction and vendor analysis

Exponential number of use cases in several industries (e.g. agribusiness, connected cars, utilities, health)

Implications and Opportunities

Foster more balanced competitive landscape (e.g. pairing spectrum gap)

Revenue growth on data monetization

Increase **pressure** over network **cash costs**

Geographical expansion of fiber

Partnership negotiation to finance network expansion and modernization

New revenues sources for telco operators leveraging new digital disruptors (e.g. fintech, data provider, OTT content) Focus on 5G network rollout with proposed auction framework, Release 16 as catch up for the country

Expand business beyond connectivity(e.g. applications,
data monetization,
implementation)



Adapting the approach but reinforcing the strategic pillars



Strategic Paths

Enhance and accelerate the transition from **volume to value**, to sustain mobile business growth, focusing on customer experience

Strengthen the core

Fill current **infrastructure gap with M&A**, also fostering inorganic growth and capturing potential synergies

Capture **ultrabroadband** market **growth opportunity** with new financial and business models

Build the future

Expand **new sources of value** (e.g. IoT, C6, Mobile Advertising, Customer Data Monetization, Health, Education) leveraging the customer base platform through ecosystem and partnerships

Implement **transformational projects** on infrastructure (e.g. 5G, ORAN, M-MIMO, cloudification)



Boost
disruptive
efficiencies

Boost **disruptive efficiencies** through digitalization, automation and new operating models, leveraging skills and capabilities enhancement

Strengthen sustainability

Strengthen and consolidate **ESG proposition** making a positive transformation



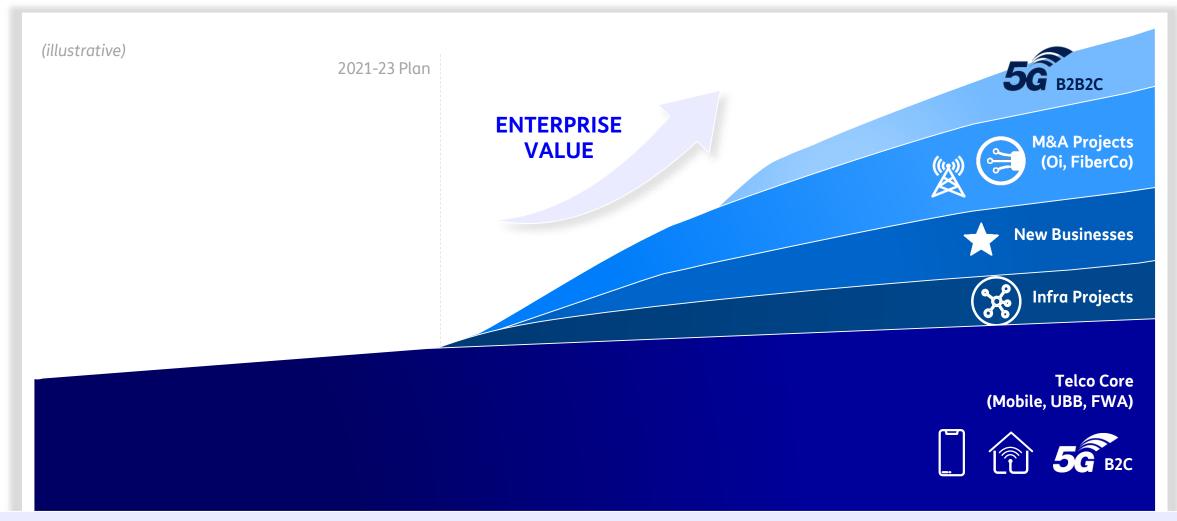


"Imagine as possibilidades": Our aspirations for 2023 reflect market opportunities and trends





Value Creation through time



Time



We will further accelerate the volume to value transition focusing on customer experience











Promote a brand
"aspirational" and
"credible" by refreshing
DNA, a new tag line and
innovation format and
content

- Promote our network quality
- 2. Foster brand engagement
- Invest in digital media



Increase product
differentiation through
innovative value
proposition and customer
experience simplification
(e.g. journey digitalization)



Marketing Analytics



Customer experience

C Sales

Focus on customer experience, productivity and sales force optimization

D Customer Relations

Increase automation and offer differentiation in service level

New Caring Model

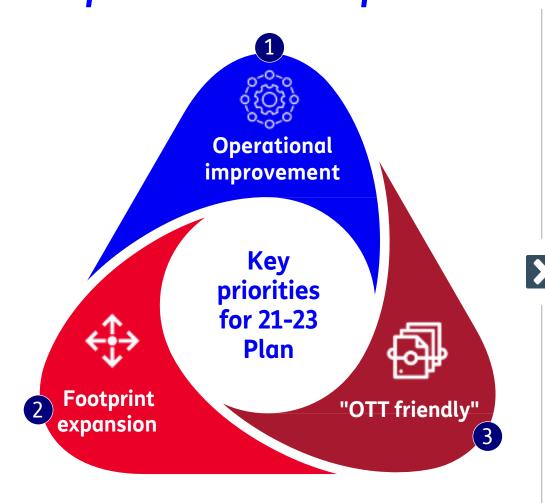
New Digital Channels

New Management Tools





TIM S.A. – Investor Relations Meeting with Investors In order to capture ultrabroadband market growth opportunity, we focus on 3 main pillars





- Time-to-market and commercial assertiveness
- Efficiency and quality on Sales and Post-Sales
- Increase of self-service and expansion of forms of contact
- Network QoS and Field Service Efficiency



- Consolidation of current clusters and launch of new ones
- Partnership to grow with financial discipline
- Selective FTTH overlay over FTTC
- Cherry picking deployment



- Refresh Key Visual and Communication
- Portfolio evolution to "Power Home" concept and evolve content embedded (Smart Hub)
- Ultra speed and relevant content claim positioning



FiberCo: accelerating FTTH coverage and capturing infra players' valuation while expanding opportunities with the open market

WHY?



- → Accelerate the expansion and consolidate current clusters with financial discipline.
- → Unlock value through infrastructure players' multiple difference.
- → Future value opportunity with a stake in a relevant vehicle in the infra open market.

PERIMETER



- → The deal targets TIM's last-mile infrastructure (FTTH+FTTC).
- → TIM's backbone and backhaul are not included in this operation.
- → Modems are TIM's responsibility in future model.

NEXT STEPS

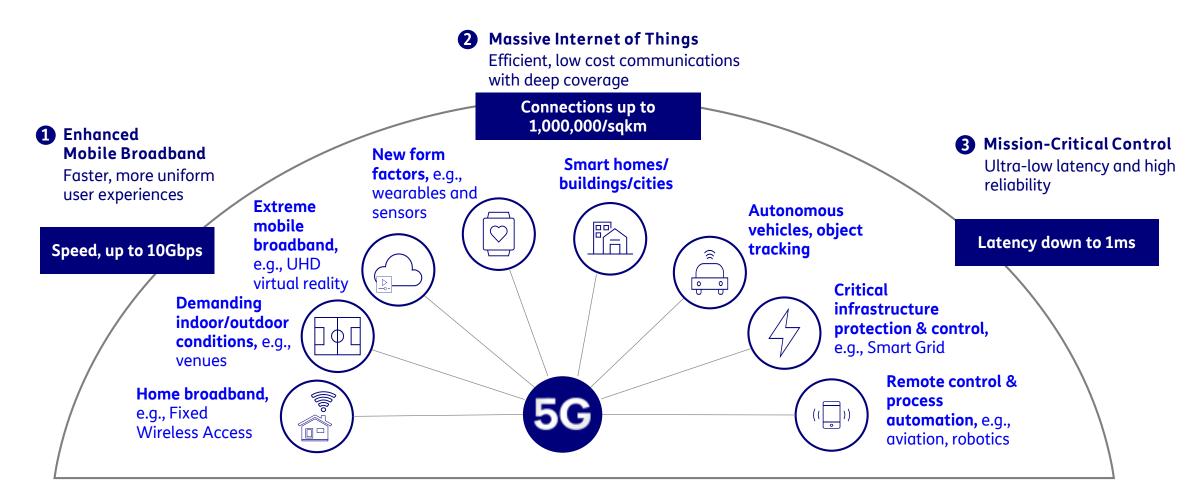


- → Signing expected for 1021.
- → Over the next three years, our plan is to focus on our footprint expansion, while making operational improvements, sticking to our "OTT friendly" approach.

4 formal offers received

Double-digits EV/EBITDA multiples involved

5G will unlock use cases enhancing mobile broadband, massive internet of things and mission-critical control use cases



TIM Consumer Platform Strategy: A unique approach that can unlock significant value with digital start-ups

Differentiated Approach

Strategic partnerships

Explore industrial synergies beyond simple commercial agreements, speeding up time to market, and lowering execution risk and investment (not in house development).

2 "Best of breed"
Choose high flying players
that have the best chance to disrupt
their industries and generate value.

Where we can generate additional value



TIM has unique assets and key capabilities that enable the Consumer Platform strategy







Brand awareness and trust





At scale billing and collection capacity of non-credit card transactions





108 mln visits/mo @MeuTIM, Captive Portal, and TIM apps



Widespread sales channels capillarity in all major cities, call center structures and online presence (~215k POS)

Consumer willingness to participate in data monetization initiatives for giga bonus >12 mln consents in 3 months





Consumer Platform's target markets

FINANCE





First Telco + Digital
Bank integrated offer
in LatAm

Additional revenue and equity share

Leveraging customer base to **reduce cost**

New digital Stone payment gateway

+500k POS network for recharge and invoice payment

EDUCATION



48 mln people eligible to a university degree

Double-digit CAGR

Until 2025 **Distance Learning** will reach **4.0 mln students** (from 2.1 mln in 2019)

10-18x EV/Ebitda multiples

HEALTH



Low availability

of quality public health services

>150 mln people

Without access to private medical care (~700 mln consultations / year)

Telemedicine

Pandemic changed perception and potential adoption

ENTERTAINMENT



Pay TV low penetration ~21% and decreasing

Video and other content platforms

Already popular (Video OTT with 35% penetration, reaching 25 mln households) and growing fast – expected 17% CAGR from 2020 to 2023

Enterprise value per client of digital disruptors in Brazil (selected industries)





TIM can leverage its assets to achieve:

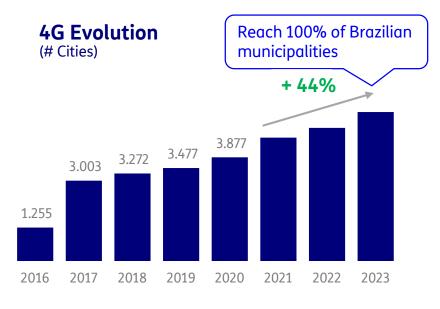


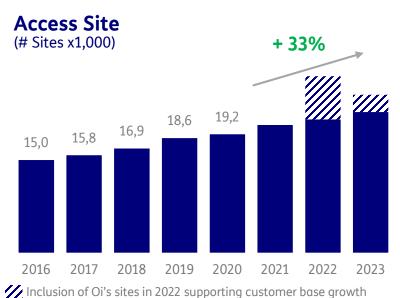
25-50% acquisition contribution in new clients

%

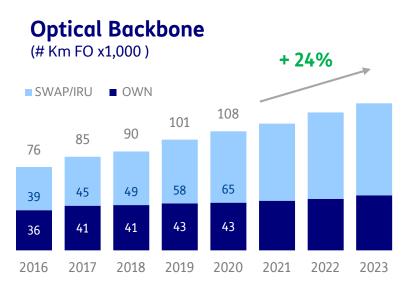
10-30% equity participation

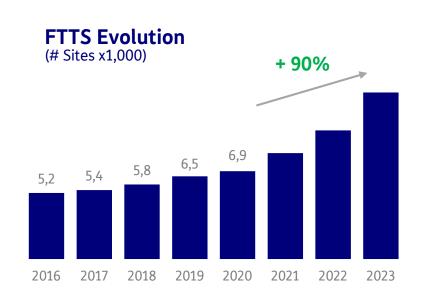
Network Plan

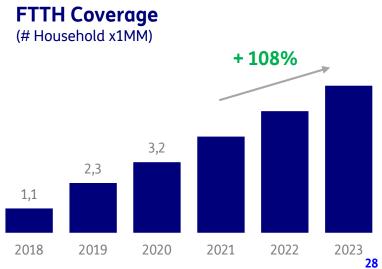








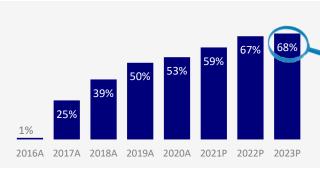




Excellency – Combining Network Virtualization and Edge Computing to bring the best experience to our customers







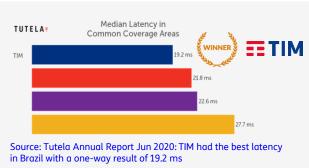
Distributed Data Centers #



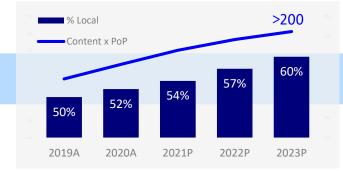
Caching agreements are helping TIM to latency reduce for a customer's content request



The Best Latency in Brazil



Local Traffic %



Open Cache

Infra Ready EDGE COMPUTING





Innovation beyond 4G: Massive MIMO and 5G DSS

M-MIMO as the cornerstone of the 4G Capacity strategy





 New sites avoidance: 2k less capacity sites needed per year, reducing TCO¹

M-MIMO Layers

—— % Sites w/ M-MIMO

 Remaining sites needed for densification to be addressed with innovative Biosite solution



New Sites Needed for Capacity M-MIMO Deployment > 15K 3x less Y1 Y2 Y3 Y4 Y5 2020 2021 2022 2023

5G DSS – Dynamic Spectrum Sharing



Investments in Network to activate the 5G DSS

- 5G clusters in the main cities, covering strategic business markets, taking advantage of TIM 5G Readiness
- 7 active clusters:
 - São Paulo (2)
 - Rio de Janeiro (2)
 - Curitiba (1)
 - Belo Horizonte (1)
 - Brasília (1)



Cluster Rio de Janeiro "Southern Zone"

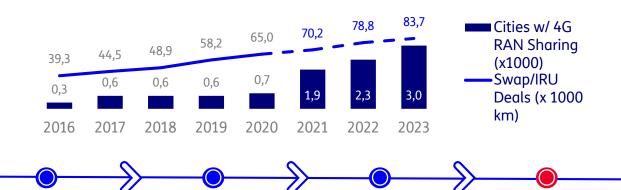
- 3 trial cities: Itajubá-MG, B. Gonçalves-RS and Três Lagoas-MS
- DSS Feature use allowing **fast activation** on sites 5G ready
- Full synergy with 4G capacity reinforcement, improving CEX through Massive MIMO solution





Efficiency – Smart Capex approach to expand coverage and increase capacity for the mobile network

INNOVATION THROUGH SHARING AGREEMENTS SINCE 2013 TO OPTIMIZE TCO1 AND IMPROVE CEX



SHARING ACCESS

2013

4G RAN Sharing 2.6 GHz TIM & OI

1st Deal in Latin America

2015

4G RAN Sharing 2.6 GHz TIM & OI & VIVO VIVO joins deal

2019

Single Grid & Coverage Expansion

2G Switch-off TIM & VIVO

1st Consolid. Deal for cities < 30k hab.

2021-'23

Single Grid Expansion: 350+ cities (each)

Single Grid Consolid.: 800+ cities potential (each)

2G Switch-off: 6,000+ potential sites (each)

SHARING OPTICAL FIBER

Long distance and metropolitan optical fiber and ductes swap deals, expanding optical connectivity

TIM S.A. – Investor Relations Meeting with Investors

Sky Coverage – Efficient and Unplugged

New business model for levaraging coverage:

- Coverage expansion to previously non enconomic viable locations
- Disruptive Business Model
- ✓ ELC (Extreme Low Cost) and ESG compliant solutions

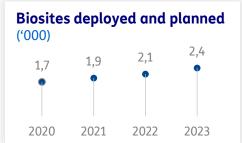
Coverage Targets:

- ✓ Districts and villages ~1.4k
- ✓ Roads ~6,000 Km
- ✓ Resorts and Touristic Spots >40

Soal Hard Control of the Control of

Biosites (Density and capacity)

- Main solution for capacity sites densification
- Smaller footprint for infrastructure deployment
- Multifuncionality: teleco tower, street lighting, vigilance cameras
- Lower **visual impact in harmony**with the environment
- Fast deployment & cost efficient





TIM & VIVO Network Sharing Agreement: focus on cost savings and customer experience improvements

SINGLE GRID (less than 30k pop.)

Increasing data
demand put pressure
at the cost to serve,
leading to the
necessity of different
approaches...

2G SWITCH-OFF

(at national level)

- → 50% switch-off of 2G sites for each operator
- → Better cost efficiency and refarming of frequencies

✓ Technical solution defined
Pilot started

COVERAGE EXPANSION

(4G and 3G)

4G coverage expansion with less Capex intensity due to network sharing

✓ Expansion to 308 cities (154 each operator)

SINGLE NETWORK CONSOLIDATION

- Access network consolidation in a single-grid model focused on cities
- Better network capacity and data quality combining spectrum frequencies

✓ Definition of pilot cities for the tests

Target 2021

2020

Rollout expected starting form 3Q

730 cities (365 for each operator)

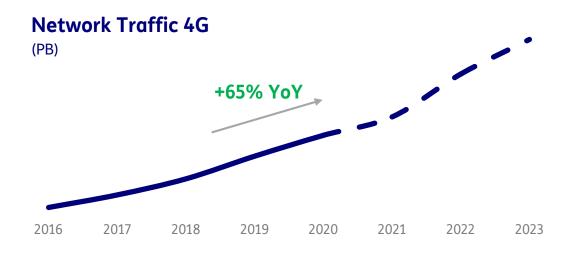
Expected in 1H

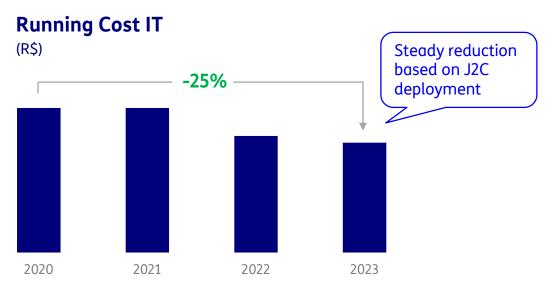
Tests in 50 cities starting in April

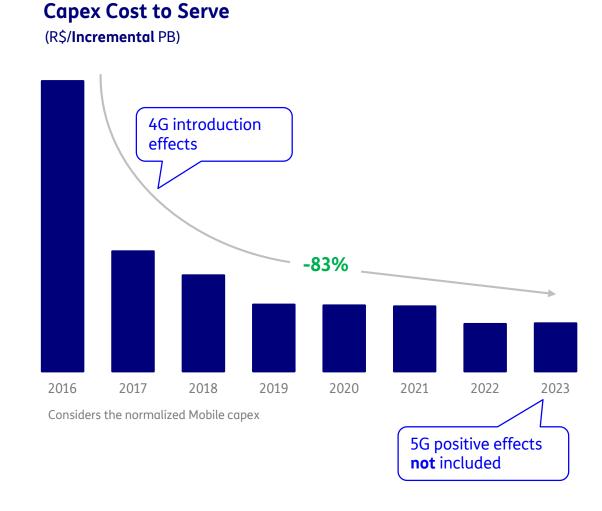
(25 for each operator)

Potential of 1.6k cities (800 for each operator)

Impacts of efficiency in CTIO's total cost







Journey to Cloud: Benefits



Business Benefits

- Deliver **best-in-class availability** to TIM's customers
- Minimize time-to-market for our business
- Guarantee the best trade-off between service excellence and spending
- **Define/Optimize** the current DCs asset strategy



Technology Benefits

- Harmonize the evolution strategy across technology department
- Greater alignment to group technology strategy
- Process, Tools and Technologies standardization
- Guarantee infrastructure agility, availability and security
- Re-focus on differentiating DCs capabilities and related skills



We are taking cash cost efficiency to the next level with a holistic approach using 4 levers





Improve process efficiency

Bad Debt (e.g. new credit models development, collections systems improvement)

Legal processes (e.g. predictive models to reduce JEC expenses)



Accelerate digital & automation

3S's: self-provisioning, self-healing and self-caring

Boost digital channels for sales and customer services (e.g. E-payment)

Increased usage of AI and cognitive systems (e.g. Cognitive IVR) in call centers, back office, operations and Legal

Cloudification (journey to the cloud) decreasing TCO and allowing fast response



Traditional efficiency initiatives

Administrative processes
Pay-roll management
IT Planning & Development



Real Estate/Energy efficiency plan

Office space optimization due to smart working and cloudification

Increased use of renewable energy sources

Reassessment of buy/sell due to IFRS 16



Perimeter of the transaction with Oi

Subscriber base	##### +14.5 mln	40% of Oi's Mobile customer base	Acquired customer base mix	~40% Postpaid¹	~60% Prepaid	
Sites and towers	+7.2 k	((v)) ((v))	Acquired towers overlap	~40%	~60% Same/near location	
Spectrum	+49 MHz	54% of Oi's spectrum holdings	Spectrum bands acquired	900 MHz 1,8	800 MHz 2,100 MHz 2,600 MHz	
Price of the Assets	44,3% of the bidding price for Oi assets (R\$ 6.98 billions)					
Transition Service	Temporary contract to serve subscriber base (e.g. supporting care, bill-to-cash) and NOC maintenance					

Long term capacity contract

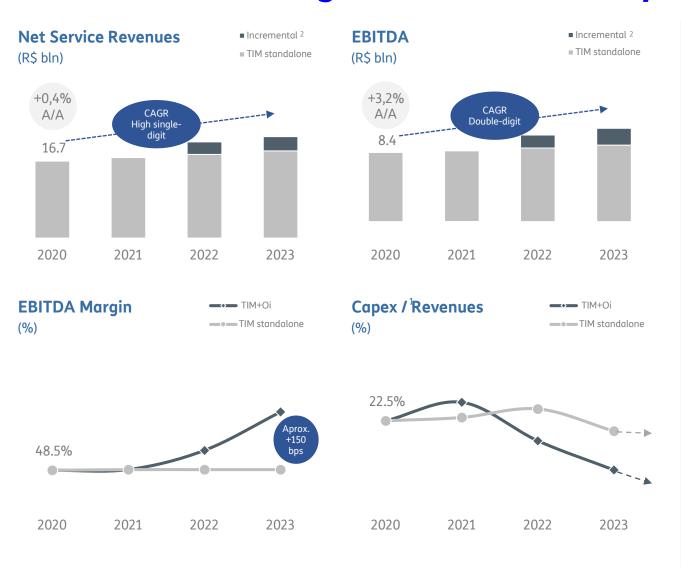
Agreement

Long-term contract to provide backhaul/backbone capacity, with connectivity assurance services between access and core network (TIM's part has an NPV of ~R\$ 476 millions)²

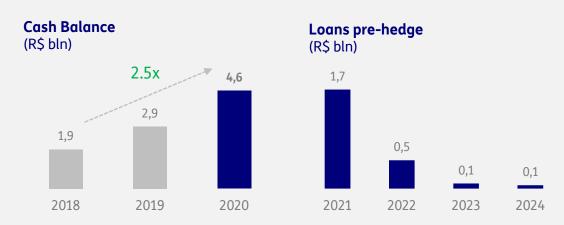
during the transition (TIM's part is R\$ 318 millions)



Oi's assets integration could transform TIM Brasil by 2023



TIM's cash balance and current loans schedule



Deal's Funding

Sources of Financing

- ✓ Local debt
- ✓ Current cash balance
- ✓ Internally generated cash

Amount of debt to be raised in 2021

√ ~R\$ 6 bln, including refinancing of current debt's portion with maturity in 2021

Instruments mix to be used

- ✓ Debentures
- ✓ Lines of credit already contracted with major Brazilian development banks
- Bilateral agreements with international banks (100% hedged)



Synergies' buckets and theoretical deal timeline

>60% of synergies

Spectrum & Network



Spectrum

- ✓ Capex and Opex avoidance and reduction
- Additional frequencies will reduce the necessity for new sites, equipment, and etc.
- Synergies come fast, and last for long

Sites

- ✓ **Opex and leasing reduction** from overlapped sites
- Opex synergies come fast
- ✓ **Leasing synergies** depend on contract negotiation

Customer Base

SG&A

- Opex reduction due to higher cost dilution for a higher revenue base
- ✓ Synergies come fast, from day one after integration

Additional Value

Market✓ Churn reduction: decrease in the "washing

machine" effect

- ✓ More balanced competition
- ✓ Churn improvement could materialize faster

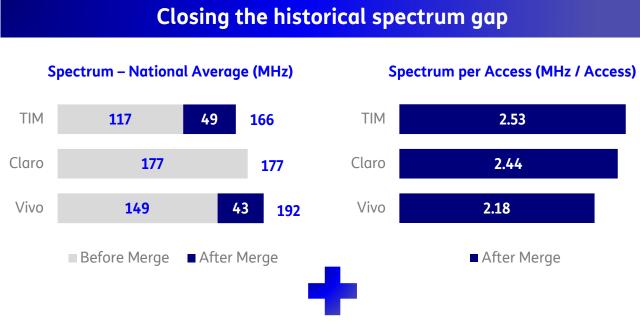
Revenues

- ✓ Increase with possible launch of new products and services as a consequence of more spectrum
- ✓ **Long term opportunity** to extract synergy

1H21: Pre-closing	~1M after closing	12M after closing
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Preparation	Customer migration and assets integration	Assets integrated
Network integration Capex/Opex Network preparation with capacity increase to sustain	in Oi's customer base	End of technical integration and migration
	Incorporation of Oi's CB: Aprox. 6 months after closing migration ends	
	Network and spectrum integration, w/ sites decommissioning (after client migration)	
	Transition Service Agreement is effective for 12 months	
	Marginal capex/opex due to Oi's legacy network	
TIM S.A. – Investor Relations	Long-term contract to provide backhauling/backbone capacity	
Meeting with Investors		38

Oi Assets Acquisition + 5G -> Unique opportunity



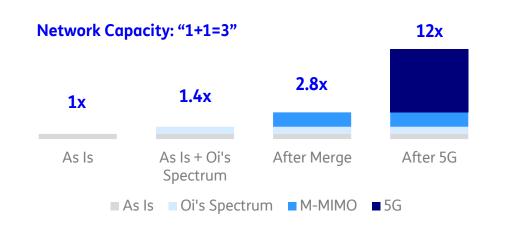
s)

Industry 4.0 Agriculture Transportation Mining Medical Education VR



- Lower Cost to Serve
- Better CEX
- New Revenues opportunity





Market guidance 21-23 shows Revenue and EBITDA growth, and positive impact coming from M&A



GOALS

Revenue Growth
Sustainability

Improve Profitability

Infrastructure Development

Expand Cash Generation

SHORT TERM TARGETS (2021)

Service Revenues Growth:

Mid single digit (YoY)

EBITDA Growth:

Mid single digit (YoY)

(Including preparation costs)

Capex:

~R\$ 4.4 bln

(including preparation investments)

EBITDA-Capex on Revenues:

~24%

(including preparation costs and investments)

LONG TERM TARGETS

Service Revenues Growth (CAGR '20-'23):

Mid single digit standalone

High single digit combining Oi's assets

EBITDA Growth (CAGR '20-'23):

Mid single digit standalone

Double digit combining Oi's assets

Capex (cumulated 2021-'23):

~R\$ 13.0 bln standalone

~R\$ 13.5 bln combining Oi's assets

(Capex on revenues declining starting in 2022 combining Oi's assets)

EBITDA-Capex on Revenues:

≥ 29% in 2023 combining Oi's assets

READY

- √ 5G auction and launch
- ✓ Fiber assets carve-out

(elements not fully incorporated in the Plan numbers)



Boosting initiatives that increase our ESG impact

Environmental

We want to be green

Enablers

- → Increasing **efficiency** and taking advantage of **green energy** cost reduction
- Developing cloud data centers to deliver more to our customers with less impact on operations
- → Demobilizing obsolete technologies through innovation and infrastructure sharing
- → Promoting efficient and responsible **solid waste** management

Social

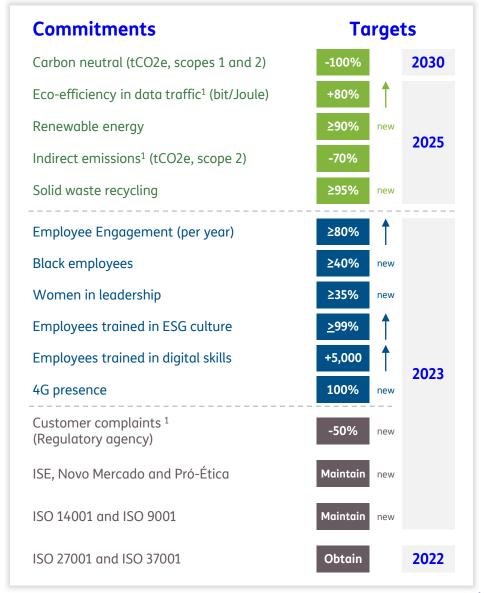
New capabilities are a key factor in maintaining leadership

- → Promoting an **inclusive environment**, with **equal** opportunities, valuing **talents** and caring for the **health and integrity** of employees
- → Developing **digital education** to support the demand for connectivity
- → Keeping Instituto TIM as a reference in ST&I and education projects
- → Extending access to 4G **connectivity** to all municipalities in Brazil

Governance

Efficient mechanisms to fairly balance the interests of all stakeholders

- → Maintaining the recognition as a company with the highest level of commitment to transparency and corporate governance
- → Disseminating **ESG principles to high-risk suppliers**
- → Adopting best practices related to compliance, information security, data protection and privacy
- → Promoting customer empowerment through digital transformation





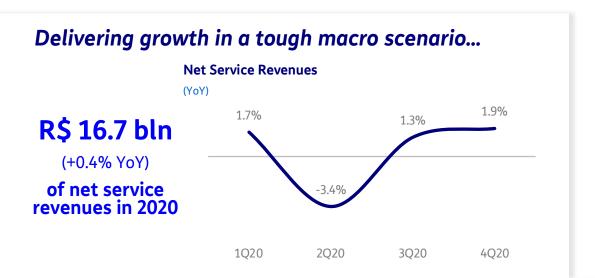


4Q20 RESULTS

Operating Costs normalized by adjustments to the sale-leaseback contract of towers (+R\$ 2.6 million in 1Q20 and +R\$ 1.5 million in 1Q19), tax credit due to the exclusion of ICMS from the calculation basis for PIS/COFINS (-R\$ 75.2 million in 3Q19 and -R\$ 1,720 million in 2Q19), legal and administrative services connected to M&A projects (+27.2 million in 4Q20), legal services connected to the PIS/COFINS court decision (+R\$ 4.4 million in 3Q19 and +R\$ 3.5 million in 2Q19), revision of loss prognosis for labor contingencies related to employees, tax contingencies and civil contingencies (+R\$ 11.2 million in 3Q19 and +R\$ 221.8 million in 2Q19) and contractual losses (+R\$ 22.4 million in 3Q19). Financial Results normalized by monetary correction on tax credit and labor, tax and civil contingencies (-R\$ 64.6 million in 3Q19 and -R\$ 1,051 million in 2Q19). Net income normalized by tax credit and other effects (-R\$ 2.4 million in 4Q20, +R\$ 35.2 million in 3Q19 and +R\$ 865 million in 2Q19) and by adjustment to deferred taxes (+R\$ 30.3 million in 1Q19).

Highlights

Consistent Evolution in a Challenging Year



ARPU growth in all segments

+27.9% YoY
of TIM Live net revenues in 2020

Right to
1.4% of C6
equity stake²

48.5% of EBITDA¹ margin 2022 target

delivered in 2020

Widest 4G coverage and best experience and availability³

... and ensuring cash flow generation





EBITDA – Capex on revenues overcame the 2022 guidance 300+ cities active under the network sharing agreement

Signing of Oi's mobile assets purchase agreement

Creation of the Board of Directors ESG committee Bad debt back on track

2.3% of gross revenues

(-0.7 p.p. YoY)



¹⁾ EBITDA normalized for the effects detailed in slide 42;

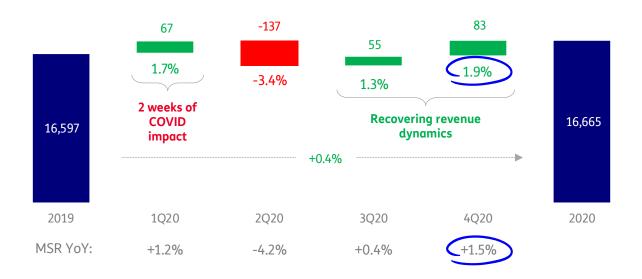
²⁾ The right to exercise Subscription Bonuses equivalent to an indirect stake of approx. 1.4% of C6's share capital; 3) Opensignal.

Financial Evolution

Well Managed Execution Allowing a Consistent Revenue Recovery During 2H20

Net Service Revenues

(R\$ mln)



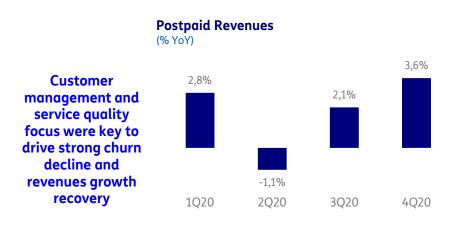
Flat MSR and TIM Live growth (+27.9% YoY) were the recovery drivers for net services revenues in 2020.

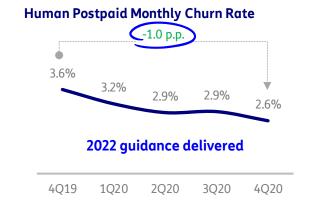


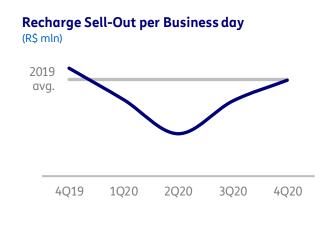
1) Postpaid ex-M2M.

Focus on Value and CEX Continue Driving Revenue Recovery and Churn Rate Reduction

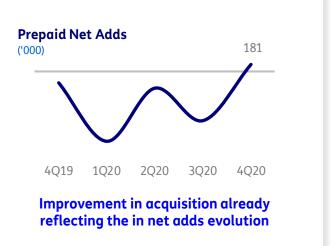




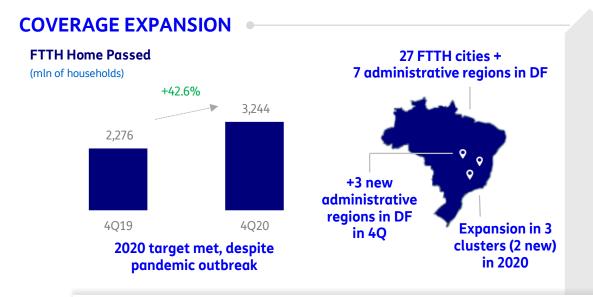




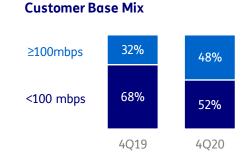
Although slightly below 2019 levels, V-shape recovery of recharge sellout was a combination of better rechargers and spending



Solid Levers for Growth, Asserting Continuous High-Level Performance



BETTER VALUE PROPOSITION



ESTADAO MELÍORES SERVICOS PERIORIMENTE 2020

Portfolio strategy showing its value: Naked UBB + OTT friendly approach

5x award-winning: Estadão Best Services







Beyond the Core Ecosystem: Pioneer Initiatives to Contribute to Growth in the **Next 2-3 Years**





- → Customer acquisition revenue booked from 4Q20: acceleration with greater base maturity
- → Partnership signed: Telcos + Central bank to integrate PIX and prepaid recharge wallet and invoice payments
 - TIM is #1 in invoice payments by PIX



MOBILE ADVERTISING & BASE MONETIZATION

TIM Ads²

opt-ins to third 12+ mln parties' content and ads in 3 months

450 mln visits

125 mln video ad views

Informa TIM³

addressable 1.8 mln users

of active users ~50% engaged with 15+ min videos

Partnerships



Play2Pay: Signing with a global reference for mobile gaming reward platform -"the more you play, the more gigas you get"

Juvo: Signing with a USbased company working on financial identity as a service - FiDaaS: credit scoring and identity check for adults with no formal credit history

Quod: Already bearings fruits - first contract signed with a large financial institution



IoT VERTICALS

4.0 industry

5G-ready new projects with leading international mining and industrial players to provide coverage and productivity improvement solutions

Smart Cities

Launch of the first smart lighting solution to Brazilian market in partnership with M2M Telemetria

Connected car

New MVNO (Cubic Telecom) with proved telemetry solution to European automakers: cross-selling opportunity for B2C services

Much more partnerships and new opportunities for growth to come in 2021



New!

New

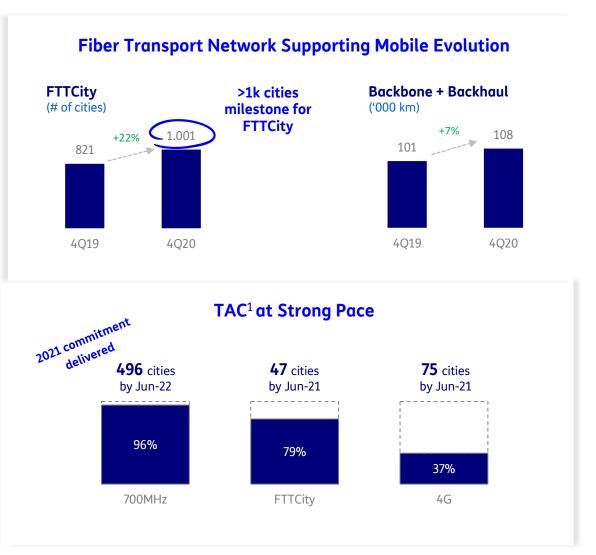
Network Smart Strategy: The Widest 4G Coverage and the Best Experience, Despite the Current Spectrum Gap

Widest Coverage + Smart Spectrum Management + New Technologies = Best Mobile Experience

Urban Population Coverage (%) 4G 700 MHz Widest 4G coverage 3.9k cities 3.3k cities **Best 4G** 2020 Mobile Data Traffic (+12% YoY) (+42% YoY) coverage experience and ■ 4G **VoLTE** Refarmina availability in = 2G/3G **Brazil** by Opensignal¹ **Exceeded 4G data** traffic mix planned for 2.6k cities 3.9k cities 2020 (+13% YoY) (+2% YoY) Additional **NB-IoT** 4.5**G** improvement **4.5G** coverage ahead leadership in 3.5k cities 1.4k cities PR/SC and NE² M-MIMO 200 cities

(+5% YoY)

(+27% YoY)





Technological Transformation to Build New Capabilities and Address Present Challenges

5G DSS (DYNAMIC SPECTRUM SHARING)

✓ Expanding 5G DSS coverage for +12 cities by Mar/2021



NETWORK SHARING AGREEMENT WITH VIVO



- √ 2G network switch-off: technical solution defined, pilot tests started, rollout expected in 3Q
- ✓ 3G/4G expansion: reaching **730 cities**, expected to 1H
- ✓ Full single grid: pilot tests in 50 cities starting in April, full potential
 of 1.6k cities

OPEN RAN AND THE OPEN FIELD PROGRAM

- ✓ Partnership with INATEL and TIP to conduct field tests on a live network in planning / implementation phase
- Development and validation of open and unbundled technologies (Open RAN, DCSG, and others)



UNPLUGGED SITES

- √ 4G coverage to remote areas with a solar-based solution for energy supply
- ✓ Up to 3,000 sites to be installed by 2025

Pandemic accelerated caring projects



TAIS: AI ASSISTANT

✓ 18% reduction of human interactions on the contact center since implementation

NEW COGNITIVE IVR:

- √ >22 mln calls in 2020
- √ ~34 mln calls expected for 2021

TIM.X TOOL



- ✓ Simplified dashboard for caring systems supported by Google Cloud with reduction of time of customer interaction
- Ongoing implementation and expected to attend full operation in Mar/21

Journey to cloud and new architecture



- ✓ First Brazilian operator to migrate Siebel to cloud: better performance and agility in the customer care processes (productivity improvement from 20% to 35%)
- ✓ Offer catalogue creation: ~80% time reduction to launch new products (Oi's customers will be onboard under this new infra)

Digital Transformation: Unlocking Efficiency With Customer Empowerment

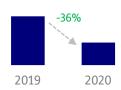


Digitalization as an important factor to sustain CEX

Meu TIM App (# of unique users)



Human Interactions (# of incoming calls)



BILLING AND COLLECTION 3% of total Opex¹

Expanding our multi-channels

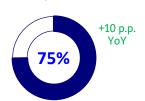


First telco to launch payments by PIX

>120k payments in the first month by February

At least **70%** reduction in collection costs after PIX adoption

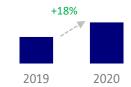
E-Payment Adoption (% of total billed; 2020)



New features and systems' adjustments generating results

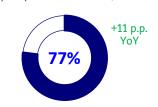
E-Billing

(# of postpaid subscribers)



E-Billing Adoption

(% of postpaid subscribers; 2020)



PREPAID RECHARGES 4% of total Opex¹

Improving recharges through Meu TIM app

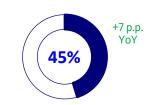
Recharges via App

(# of recharges)



E-Recharges Adoption

(% of sell-out; Dec-20)



CUSTOMER ACQUISITION 7% of total Opex¹

Digital sales channels gained relevance when stores were closed due COVID-19

(2020 YoY)

+32% Postpaid e-Sales
Penetration: +2 p.p.

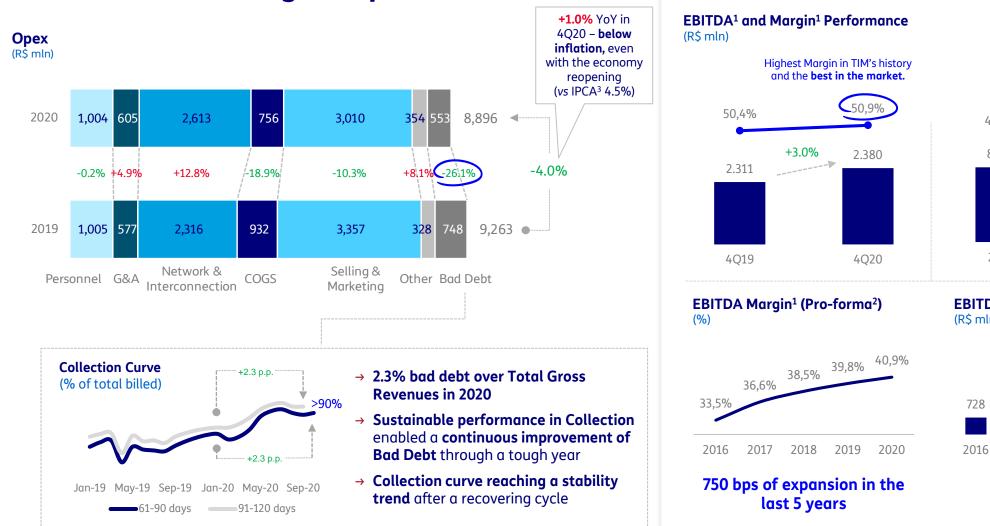
+2% Control e-Sales
Penetration: +13 p.p.

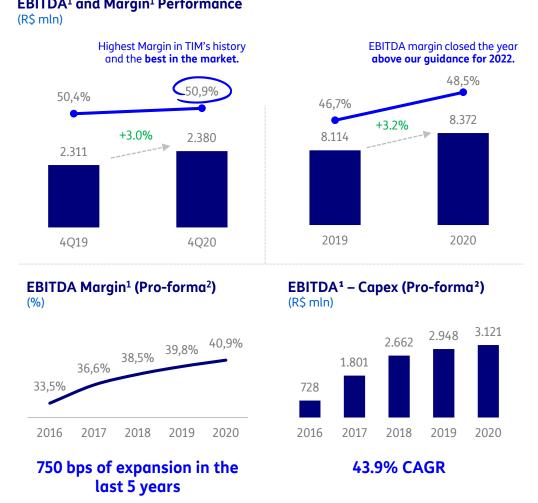
+11% TIM Live e-Sales Penetration: +1 p.p.

10.5% of average annual opex reduction over the past 2 years (versus -7.8% of total opex)

Financial Evolution

High-Delivery on Efficiency Continues to Be a Key Driver to Maintain a Solid **EBITDA** with Margin Expansion



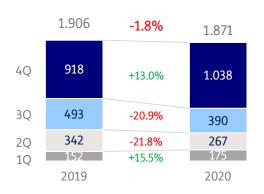




Financial Evolution

Consistently Strengthening the Financial Performance and Shareholder Remuneration, Despite the Challenging Year

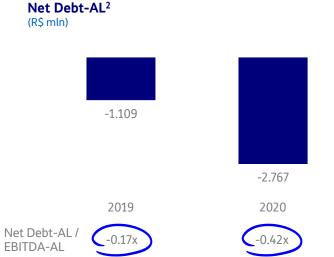


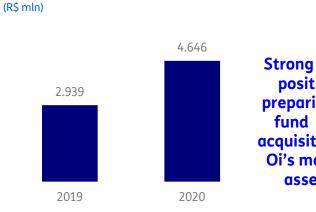




Interest on Capital and Dividends Declared (R\$ mln)







Strong cash position preparing to fund the acquisition of Oi's mobile assets

M&A Transactions Evolving According to Plan, Ready to Make 2021 a Transformational Year

Oi mobile assets UPI auction results recap

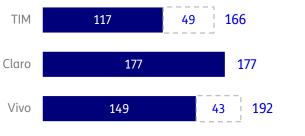




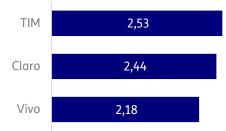




Spectrum (national average of MHz)







■ Pre deal ☐ Deal addition

Additional Info:

- → The offerors **pre-notified CADE** in November
- → Filed petition for **prior approval with Anatel** on December 31
- → Signing on January 28th
- → Formal CADE notification on February 8th
- → Deal to be **funded with local debt and cash generation**

Synergies framework: 3 sources

Infrastructure

Opex, Capex and Leasing avoidance and reduction

Customer Base

SG&A / overall opex reduction / dilution

Market

Structural churn reduction with washing machine effect declining

FiberCo coming up next...

- → SPE already created
- → Final phase of project, formal proposals being analyzed
- → The **signing** is expected for **1Q21**

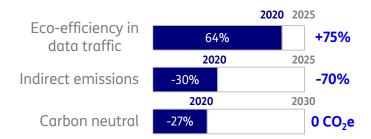
More information on special projects at the 3-year plan release.



Committed to Keep Leading an ESG Transformation

Environmental

Initiatives to improve energy efficiency and to become carbon neutral.



renewable energy power plants

ICO2B3

B3 index of companies committed to the climate change agenda

CDPR Index

New Climate Resilience Index ICDPR-70

of energy from

renewable

Social

Develop new capabilities and engagement to maintain leadership.

KPIs 2020 (employees)	Target	Result		
Engagement	> MQ3	P90 ¹		
Trained on ESG culture	> 95%	99%		
Trained on digital capabilities	> 1.000	1,486		



New internship
program promoting
diversity and
inclusion



Annual training series for employees, now shared with society



Governance

Fairly balance all stakeholders' interests.

New ESG Committee Top 10 B3's companies in % of women on the Board

Teva Indices ESG Mulheres no Conselho®



Since 2011



1st and unique Telco

Launch of the DPO channel, designated to respond complaints about data privacy in the survey on internet providers' policies for data protection²



13 years in a row, reaching our highest score in 2020

One of the best ranked stocks in the new B3 and S&P ESG index

Long-term targets to be updated at the 3-year plan release.



TIM S.A. – Investor Relations Meeting with Investors

Continuous Value Creation Process, Responding to Short-Term Challenges While Building the Future

FROM VOLUME TO VALUE

- ✓ **Portfolio innovation:** gamification, content marketplace, and new partnerships
- ✓ Active base management to balance customer usage and payment capacity
- ✓ Enjoying new momentum in B2B (Top Clients)

COST DISCIPLINE AND EFFICIENCY

- ✓ Acceleration of digitalization: new capabilities for CEX processes
- ✓ Smart approach to infra projects with ambitious goals: 4G in all cities by 2023
- ✓ Rational and agile approach to address immediate needs: bad debt

NEW SOURCES OF REVENUES

✓ Paving the way to a relevant contribution to growth in 2-3 years

OPPORTUNITIES TO UNLOCK VALUE

- ✓ Corporate structure simplification
- ✓ Network sharing agreement with Vivo
- √ Fixed broadband spin-off to accelerate expansion
- ✓ Rational approach to engage the mobile consolidation process

3-year plan update on Feb 23rd.

GUIDANCE METRICS	SHORT-TERM TARGETS	2020 RESULTS
Expand Cash	EBITDA-Capex: Mid single digit YoY	+5.2% YoY
Generation	% on Net Revenues: >20%	1
Infrastructure Development	Capex on Net Revenues: Low 20's	22.5%
Improve Profitability	EBITDA Growth: Mid single digit YoY	+3.2 YoY 2022 margin delivered
Revenue Growth Sustainability	Service Revenues Growth: Mid single digit YoY	+0.4% YoY

Reassessed due to the pandemic outbreak



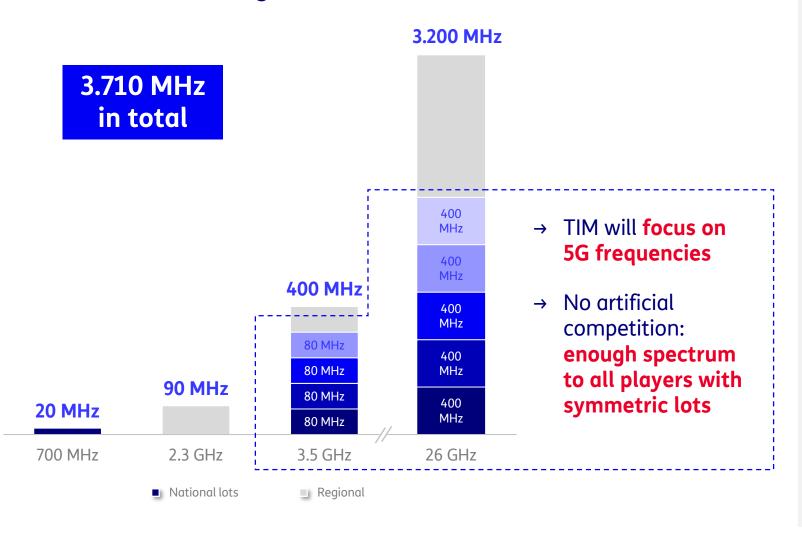


REGULATORY UPDATES

Four auctions in one: 4G + 5G spectrum



What is being auctioned¹?



How is the spectrum cost split?

+ NPV

- Obligations

= Minimum price

(administrative cost, not communicated)

- → There is no R\$ 35 billion auction for 5G
- → Non-collection auction
- → Exchange license payments for investments to be deployed in 9 years
- → Network sharing can be used to fulfil obligations

Attached obligations – specially for 4G – widespread over time



		— 0—	— 0—	— 0—	— 0—	— 0—	— 0—	— 0—	— ○→
	Press comments on obligations	2022	2023	2024	2025	2026	2027	2028	2029
700 MHz ≥ 1 cell site per 1,4k localities w/o 4G and		 	40% localities	70% localities	100% localities	 	 	 	
48k km of Federal roads	R\$ 15.6 bln R\$ 2.6bln (roads)	- - 	10% roads	20% roads	50% roads	70% roads	90% roads	100% roads	
2.3 GHz ≥ 1 cell site per	R\$ 13bln (localities)	-	40% municipalities	100% municipalities	I I I	 	 	 	
localities w/o 4G and municipalities < 30k inhab.		-	10% localities	20% localities	40% localities	60% localities	80% localities	100% localities	
3.5 GHz Fiber optic backhaul capacity ≥ 1 Gbps in cities < 20k pop. ≥ 10 Gbps in cities > 20k pop.	R\$ 2.5 bln	 	40% cities	70% cities	100% cities	 	 	1 	
5G coverage 1 base station (BS) per population (pop.), Release 16 and ≥ 50 MHz Carrier	R\$ 10 bln (implied)	1 BS / 100k pop. Capitals + DF		1 BS / 30k pop. Capitals + DF		1 BS / 15k pop. ≥ 200k pop. cities	1 BS / 15k pop. + ≥ 100k pop. cities	1 BS / 15k pop. 50% of cities ≥ 30k pop.	1 BS / 15k pop. 100% of cities ≥ 30k pop.
for municipalities < 30k pop. (regional lot specific)		 - -	 - -	 - -	 - -	1BS for 30% of municipalities	1BS for 60% of municipalities	1BS for 90% of municipalities	1BS for 100% of municipalities
EAF projects	R\$ 5.5 bln R\$ 2.5+0.5 bln (C+Ku band) R\$ 1 bln (private network) R\$ 1.5 bln (Norte Conectado)	DTH antennas replacement (C band to Ku) + Spectrum clean up until 2026 Private network for Brazilian government in 4 years k) Norte Conectado in 4 years EAF Investment 30 days after es and 50% until							blishment
26 GHz		 		N	No coverage / ca	pacity obligatio	n		

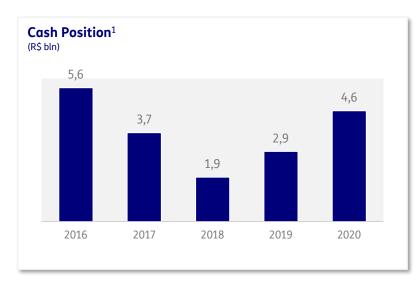


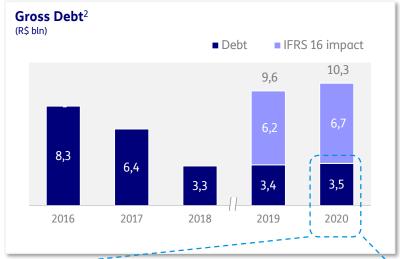


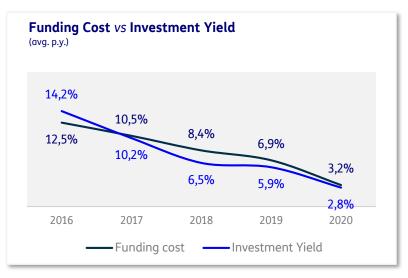
APPENDIX

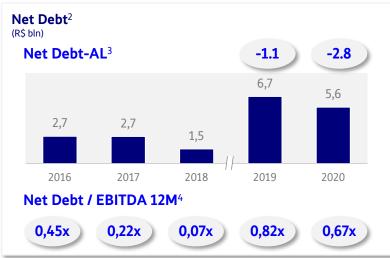
Solid financial position: Maintaining a strong balance sheet and increasing distribution to shareholders

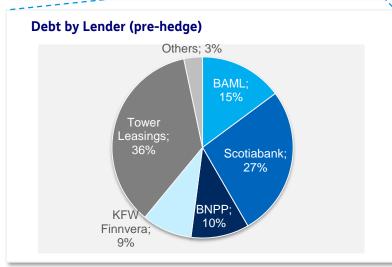


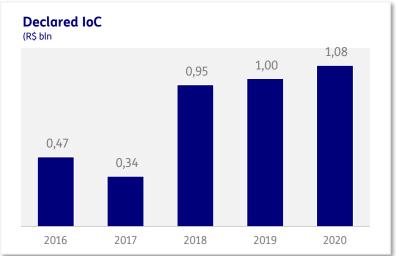












Brazilian Telcos: Financial X-Ray



		TIM			Vivo	Vivo Claro + Nextel ¹				Oi			
	4Q20	4Q19	% ҮоҮ	4Q20	4Q19	% YoY	4Q20	4Q19	% YoY	4Q20	4Q19	% YoY	
Total Net Revenues	4.678	4.587	2,0%	11.193	11.377	-1,6%	10.075	9.883	1,9%	4.720	4.862	-2,9%	
Service Revenues	4.441	4.357	1,9%	10.384	10.548	-1,6%	9.573	9.539	0,4%	4.694	4.828	-2,8%	
Mobile Service Revenues	4.164	4.101	1,5%	6.760	6.623	2,1%	4.300	3.987	7,9%	1.812	1.860	-2,5%	
Fixed Service Revenues	277	256	8,0%	3.623	3.925	-7,7%	5.273	5.552	-5,0%	2.881	2.969	-2,9%	
Products Revenues	237	229	3,6%	809	829	-2,4%	488	333	46,5%	26	34	-24,4%	
Organic EBITDA	2.380	2.311	3,0%	4.877	4.839	0,8%	4.073	3.771	8,0%	1.460	1.452	0,5%	
Organic EBITDA Margin	50,9%	50,4%	0,5 p.p.	43,6%	43,7%	-0,1 p.p.	40,4%	38,2%	2,3 p.p.	30,9%	29,9%	1,1 p.p.	
Сарех	1.464	1.335	9,7%	2.614	2.357	10,9%	2.664	2.287	16,5%	1.729	1.979	-12,6%	
Capex/Net Revenues	31,3%	29,1%	2,2 p.p.	23,4%	20,7%	2,6 p.p.	26,4%	23,1%	3,3 p.p.	36,6%	40,7%	-4,1 p.p.	
EBITDA - Capex	916	977	-6,2%	2.447	2.610	-6,2%	1.570	1.601	-1,9%	-269	-526	-48,8%	
Net Debt	5.611	6.672	-15,9%	2.763	9.918	-72,1%	13.584	13.568	0,1%	30.408	24.078	26,3%	
Net Debt / EBITDA 12M	0,67	0,82	-18,5%	0,16	0,55	-71,8%	0,85	0,92	-7,6%	5,2	4,0	31,0%	
ARPU ¹	27,0	25,1	7,7%	29,1	29,8	-2,4%	24,0	20,0	20,0%	16,5	16,6	-0,3%	
Prepaid	13,9	12,9	7,1%	13,4	13,2	1,7%	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	
Postpaid (ex-M2M)	48,5	47,0	3,3%	51,0	52,5	-3,0%	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	

Brazilian Telcos: Operational X-Ray



		TIM			Vivo			Claro + Nextel			Oi	
	4Q20	4Q19	% YoY	4Q20	4Q19	% YoY	4Q20	4Q19	% YoY	4Q20	4Q19	% YoY
Mobile Customer Base (MM)	51,4	54,4	-5,5%	78,5	74,6	5,3%	63,1	58,0	8,9%	36,7	36,8	-0,4%
Market Share	22,0%	24,0%	-2,0 p.p.	33,6%	32,9%	0,6 p.p.	27,0%	25,6%	1,4 p.p.	15,7%	16,2%	-0,6 p.p.
Human Postpaid Customer Base <i>ex-</i> <i>M2M</i> (MM)	18,0	17,8	1,2%	34,4	33,1	4,1%	26,0	23,2	12,1%	11,4	10,2	11,6%
Market Share	19,8%	21,0%	-1,2 p.p.	37,8%	38,9%	-1,1 p.p.	28,6%	27,3%	1,3 p.p.	12,5%	12,0%	0,5 p.p.
Mix Postpaid	35,1%	32,7%	2,3 p.p.	43,8%	44,3%	-0,5 p.p.	41,2%	40,0%	1,2 p.p.	31,2%	27,8%	3,3 p.p.
M2M Customer Base (MM)	3,8	3,6	4,1%	10,5	10,1	3,5%	9,6	7,7	24,3%	2,3	2,1	9,0%
Market Share	13,4%	14,8%	-1,3 p.p.	37,0%	40,9%	-3,9 p.p.	34,1%	31,4%	2,7 p.p.	8,0%	8,4%	-0,4 p.p.
Mix M2M	7,4%	6,7%	0,7 p.p.	13,3%	13,5%	-0,2 p.p.	15,2%	13,3%	1,9 p.p.	6,2%	5,6%	0,5 p.p.
Prepaid Customer Base (MM)	29,6	33,0	-10,2%	33,7	31,4	7,2%	27,5	27,1	1,6%	23,0	24,5	-6,2%
Market Share	25,8%	28,2%	-2,4 p.p.	29,3%	26,8%	2,5 p.p.	24,0%	23,1%	0,8 p.p.	20,0%	20,9%	-0,9 p.p.
Mix Prepaid	57,6%	60,6%	-3,0 p.p.	42,9%	42,1%	0,8 p.p.	43,6%	46,6%	-3,1 p.p.	62,7%	66,5%	-3,9 p.p.
4G Customer Base (MM)	42,0	39,0	7,7%	55,9	48,8	14,5%	46,2	39,2	17,7%	26,8	24,8	7,8%
Market Share	24,2%	25,4%	-1,2 p.p.	32,2%	31,8%	0,4 p.p.	26,6%	25,5%	1,1 p.p.	15,4%	16,1%	-0,7 p.p.
Mix 4G	82%	72%	10,1 p.p.	71%	65%	5,8 p.p.	73%	68%	5,5 p.p.	73%	67%	5,5 p.p.
Banda Larga >34 Mbps ¹	639.079	557.856	14,6%	3.633.208	2.796.213	29,9%	7.652.257	6.072.190	26,0%	2.141.307	731.564	192,7%
Market Share	3,0%	4,2%	-1,2 p.p.	17,1%	20,8%	-3,8 p.p.	36,0%	45,3%	-9,3 p.p.	10,1%	5,5%	4,6 p.p.

Source: Anatel.





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