TEMENOS

Capital Markets Day

2022



Disclaimer

Any remarks that we may make about future expectations, plans and prospects for the company constitute forward-looking statements. Actual results may differ materially from those indicated by these forward-looking statements as a result of various factors.

In particular, the forward-looking financial information provided by the company in the conference event (Capital Markets Day) represent the company's estimates as of 15 February 2022. We anticipate that subsequent events and developments will cause the company's estimates to change.

However, while the company may elect to update this forward-looking financial information at some point in the future, the company specifically disclaims any obligation to do so. This forward-looking information should not be relied upon as representing the company's estimates of its future financial performance as of any date subsequent to 15 February 2022.

Non-IFRS Information

Readers are cautioned that the supplemental non-IFRS information presented in this presentation is subject to inherent limitations. It is not based on any comprehensive set of accounting rules or principles and should not be considered as a substitute for IFRS measurements. Also, the Company's supplemental non-IFRS financial information may not be comparable to similarly titled non-IFRS measures used by other companies.

In the tables accompanying this presentation the Company sets forth its supplemental non-IFRS figures for revenue, operating costs, EBIT, EBITDA, net earnings and earnings per share, which exclude the effect of adjusting the carrying value of acquired companies' deferred revenue, the amortization of acquired intangibles, discontinued activities, acquisition related charges, restructuring costs, share-based payments and the income tax effect of the non-IFRS adjustments. The tables also set forth the most comparable IFRS financial measure and reconciliations of this information with non-IFRS information.

When the Company believes it would be helpful for understanding trends in its business, the Company provides percentage increases or decreases in its revenue (in both IFRS as well as non-IFRS) to eliminate the effect of changes in currency values. When trend information is expressed herein "in constant currencies", the results of the "prior" period have first been recalculated using the average exchange rates of the comparable period in the current year, and then compared with the results of the comparable period in the current year.

Strategy and Vision

Max Chuard CEO





Business overview

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Temenos: Everyone's banking platform

1.2 billion

individuals, families, businesses rely on Temenos

That's **30%** of the world's banking population

Banks that use Temenos are industry **leaders**

Achieving return on equity

3X the industry average

Our **3000** banks include **41** of the top **50** global banks, **70+** challengers

They rely on the World's #1 open platform for banking

Member of
Dow Jones
Sustainability Indices
Powered by the S&P Global CSA

Sustainability Award Silver Class 2022

S&P Global

Sustainability Award Industry Mover 2022

S&P Global









Relentless Focus on Innovation

\$ 2.5B cumulative R&D

Sustained high level of R&D Investment



We invest 20% of revenues in R&D...highest in the industry

2011



investment 1990-2021

2020



Temenos Cloud

(Virtual machines, Core Banking, Managed Service, etc.)



Cloud Native

(Containers & serverless, multiproduct, continuous operations, cloud agnostic, etc.)



Temenos Banking Cloud

(Continuous updates, composable banking, enterprise banking services, self-service, sandbox, etc.)



Next...

(XAI Ops, Specialist Micro-clouds, Hyperplexed architecture, Quantum computing, AR + VR, Edge Computing / IOT, etc.)



Market opportunity

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Disruptive technologies key to the future of banking...

2022 - 2025

Cloud/SaaS



API/Microservices



Dev Ops

DevOps



Big Data



Al/Machine Learning



Blockchain/ Distributed DB



2025 - 2030



Quantum Computing



5G



Augmented/ Virtual Reality



Internet of Things

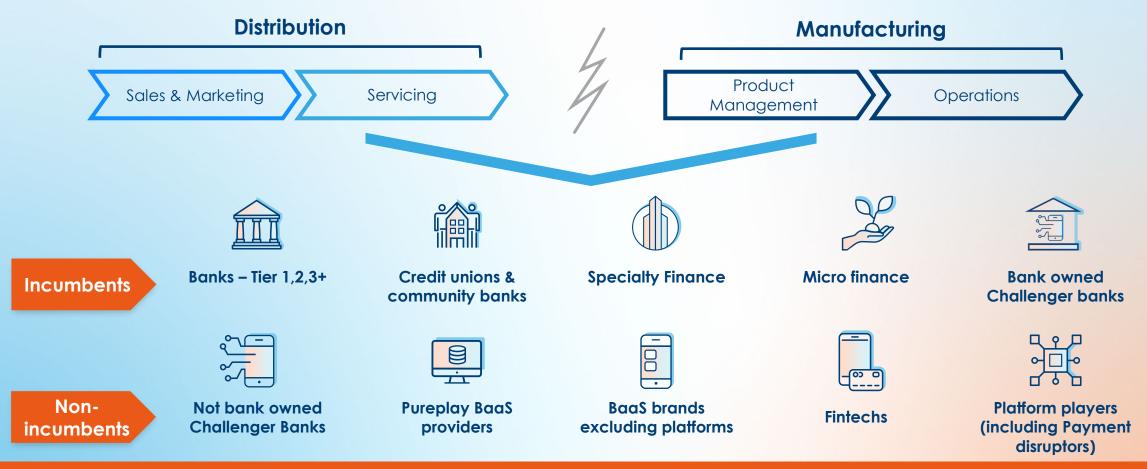


Biometrics



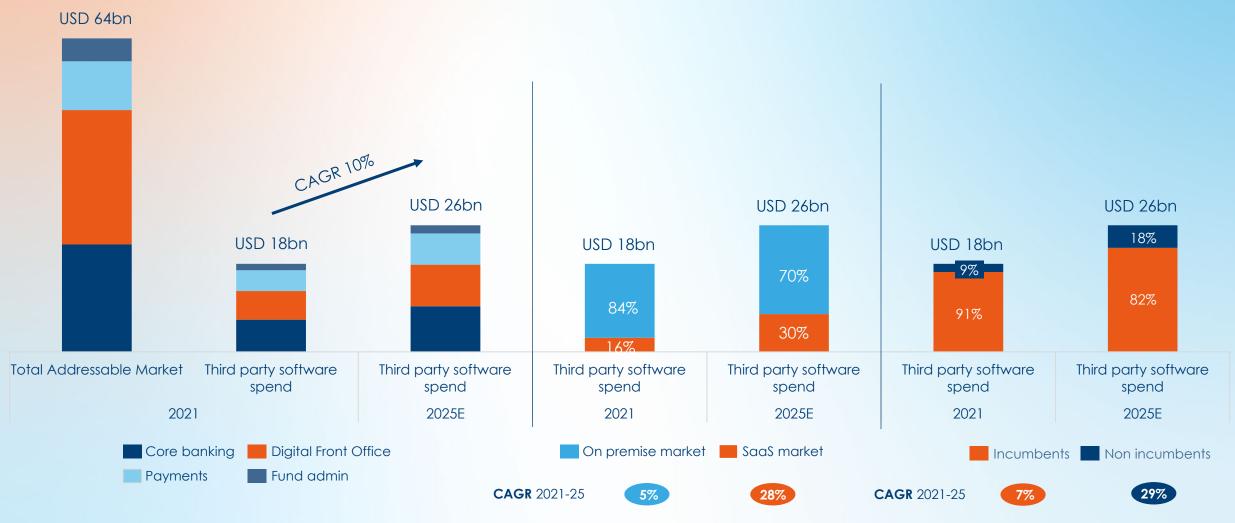
Wearables

...leading to unbundling of the banking value chain, which has fundamentally changed our market



Market opportunity growing and rebalancing between incumbents and non-incumbents

Sizeable and fast-growing addressable market



From our market leading position at traditional banks, we have successfully penetrated the non-incumbent market

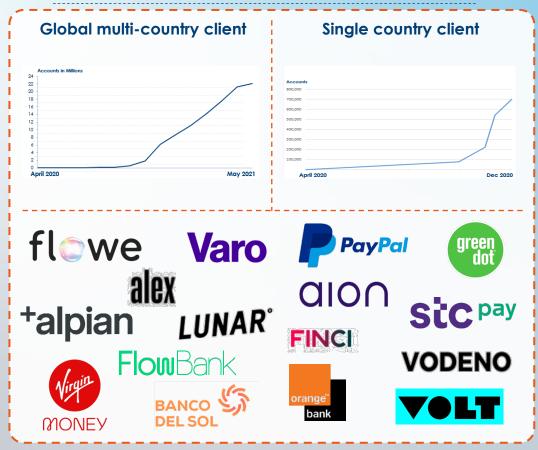
Traditional banks

(Digital transformation from legacy to modern)



Non-incumbents

(Rapid scaling of greenfield business)



Varo: Growth and path to profitability on The Temenos Banking Cloud













Background & Context

- First and only consumer fintech with a national bank charter in the US
- Customer-centric strategy to deliver a real-time, omni-channel customer experience



Why Temenos

- Continued R&D investment to support current product set and long-term growth
- U.S. model bank
- Rapid speed-to-market for new products and services



- Varo reached four million accounts in the 13 months since obtaining its bank charter
 - **Doubled accounts** and **tripled revenues** in the last 12 months
 - Among top 5 highest growth companies in California
- Estimated cost to service a customer is only 25% vs a traditional bank
- Won Celent Model Bank of the Year Award for 2021, Forbes Fintech 50, etc.

"The **Temenos Banking Cloud** enables Varo to **scale based on customer demands, deploy new products**, and substantially **drive down operational costs**. The functionality of the Temenos core banking platform allows Varo to **circumvent the use of multiple third-party providers** for payments and processing and **accelerates time to market**."

- Colin Walsh, CEO & Founder

Openbank: Successful greenfield implementation of a scalable platform for international expansion

Openbank ^{Cw}

Ву











Background & Context



Why Temenos



Outcomes

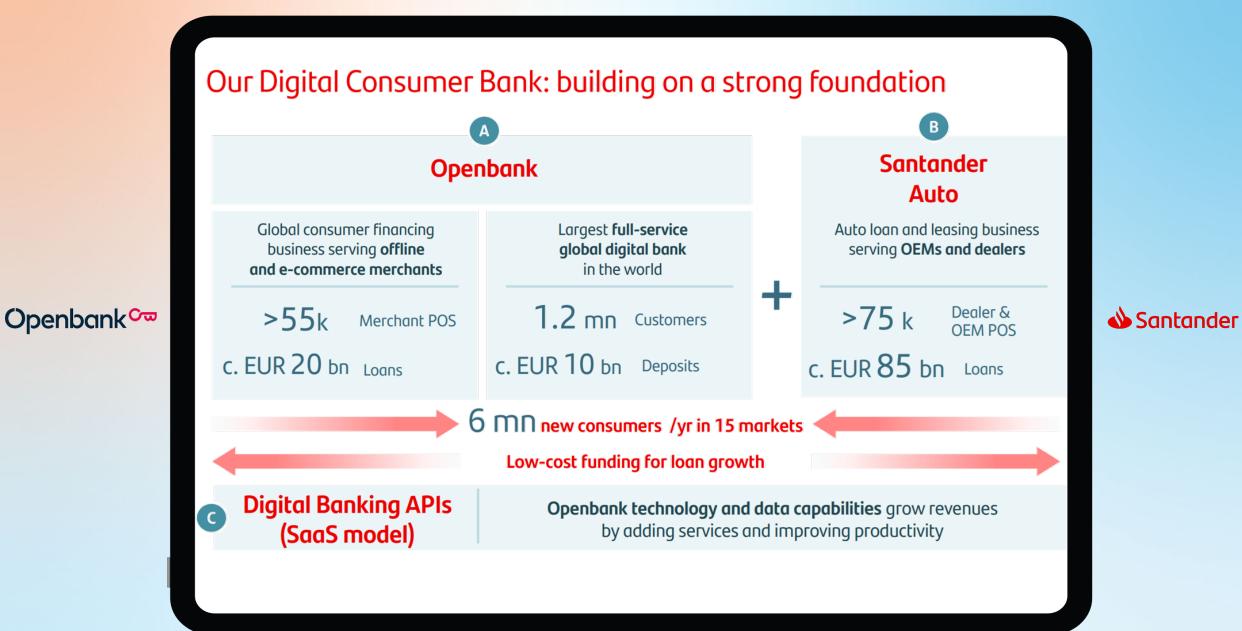
- Largest full-service digital bank in Europe, with 1.6 million customers
- Considered the flagship digital offering of the Santander Group
- Multi-country project
- Open, API driven cloud-native platform, with continuous deployment to support innovation
- Proven implementations across multiple business segments and geographies in parallel
- Scalability (multi-million customers)
- Operating on AWS leveraging Temenos' multi-cloud capabilities
- Currently live on our platform, with standardized global IT and operating model
- Successfully scaled to handle multi-million customers from multiple thousands initially

14

Increased speed-to-market – launch products 10x faster

"With Temenos software, we have **leveraged new technologies** such as **artificial intelligence and machine learning** to help **retail and mass affluent customers save and invest automatically** based on their life goals, or **get a mortgage in 7 days** from the web or their app to buy the house of their dreams."

- Ezeguiel Szafir, CEO





Client credentials



Dan Henry
President and CEO

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Continued market leadership



Digital Banking

Best-In-Class for Aite Matrix: US Digital Banking Solutions of Core Providers Matrix

VICMO

Leader in Omdia Universe for Digital Banking Platforms 2020-21

FORRESTER®

Leader in Forrester Waves for Digital Banking Engagement Platforms & Digital Banking **Engagement Hubs**



#1 Digital banking and channels in IBS Sales League Table 2021

Core Banking

Leader in Gartner Magic Quadrant for Global Retail Core Banking

Gartner.

Leader in IDC MarketScape for Integrated Payment Platforms

FORRESTER®

Leader in Forrester Waves for Digital Banking Processing Platforms - Retail & Corporate



#1 Core Banking System in IBS Sales League Table 2021#1 for Neo **Banks & Challenger Banks**

Payments



#1 Retail payments system in IBS Sales League Table 2021



Funds

Best-In-Class for Aite Matrix: **Investment & Fund Accounting Systems**



Achieved 'Differentiated' Status in Adox 8*8 for Portfolio **Management & Accounting Solutions**

Our composable banking platform



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Open composable banking platform for continuous innovation

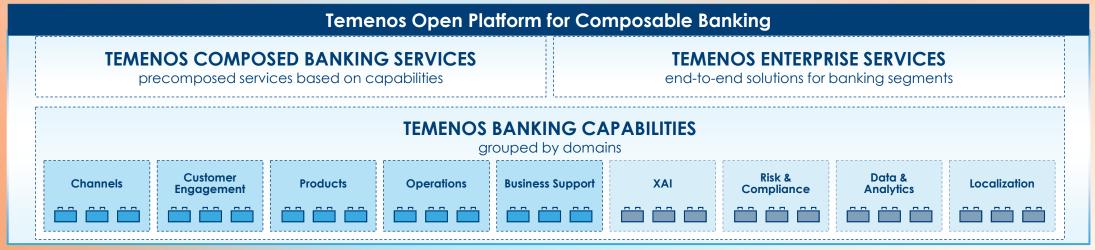
EXPLOREAPI Catalogue

DEVELOPBase Camp

DEPLOY & TESTSandbox Environment

COLLABORATE & SELL

Temenos Exchange









TEMENOS manages the software

BANK manages the software

...driven by the highest R&D investment in the industry- 20% of revenue

Key differentiators of the platform



Pre-built Banking Services



Broadest set of banking capabilities in the market



Localization through Country Model Banks



Scales with business growth



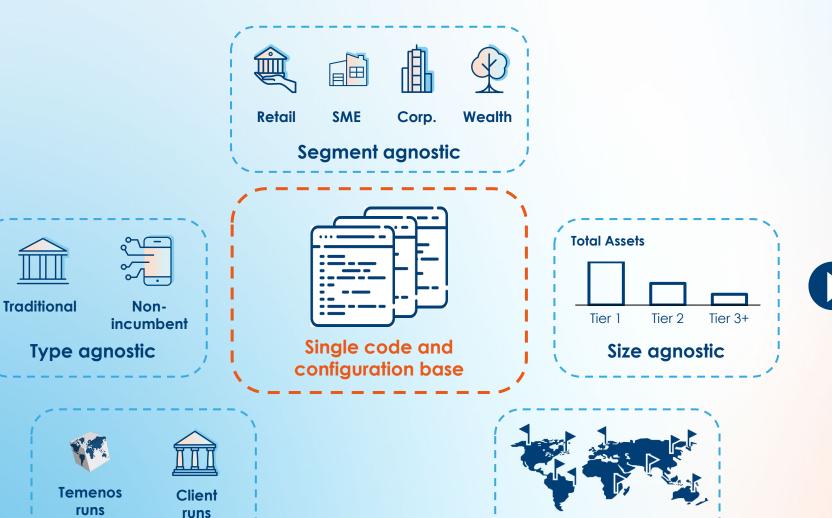
Continually Updated solutions



Extensible with Banking
Capabilities from Temenos
and Exchange

Single code and configuration base drives higher margin, competitive edge and profitable growth

Location agnostic



Deployment agnostic







Why we outsell the competition

Traditional vendors

Cross-industry, not packaged nor cloud native nor SaaS ready

Why we win



100% Banking focused



Market leadership, including non-incumbents



Proven SaaS delivery



Highest R&D in the industry



Future proof technology

Neo vendors New digital entrants, cloud-native

offering, but limited functional scope

Why we win



Depth and breadth of **functionality**



Out-of-the-box Localization



Proven scalability



Proven migration credentials in every segment and tier

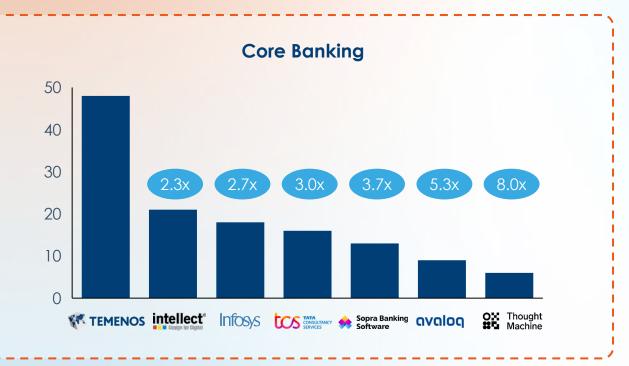


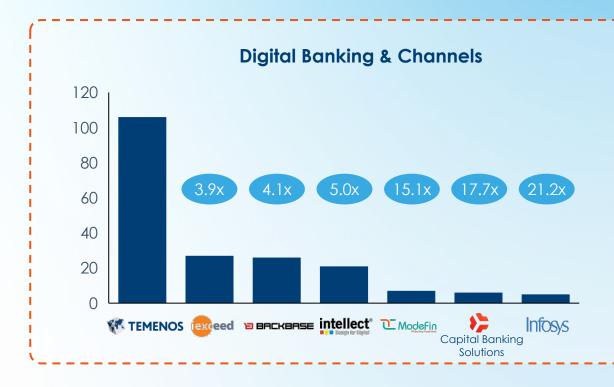
Highest levels of security and compliance

Vendor of choice for core and digital banking globally

IBS Sales League Table 2021: Global new named deals 20201







Outselling top global core banking competitors by a factor of ~4x, and global digital banking competitors by a factor of ~7x on average¹

Subscription pricing model

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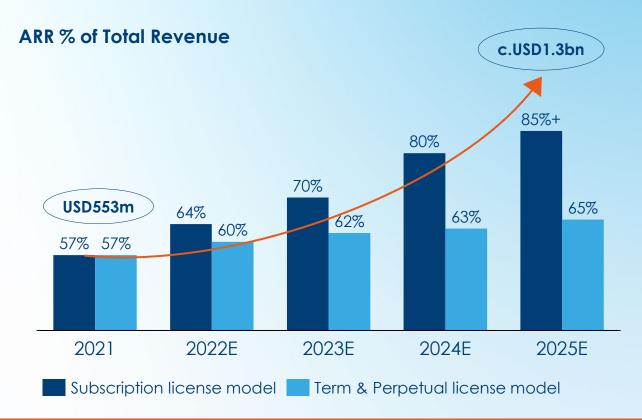
Move to subscription captures greater value and accelerates our growth

Clients across all tiers and business models are increasingly asking for subscription contracts rather than traditional upfront license



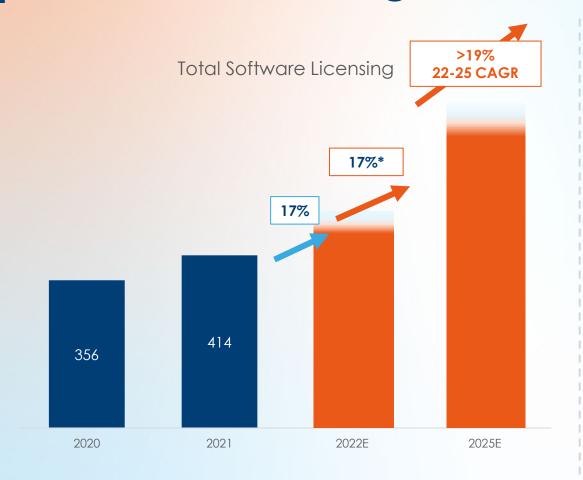
Temenos will sell **five year subscription contracts** for on-premise license and maintenance **as standard from 2022**, **including for renewals**

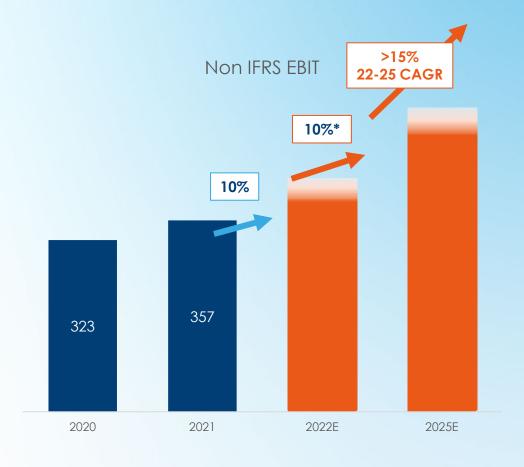
Significant acceleration in Annual Recurring Revenue ARR forecast to grow 20-25% CAGR 2021-2025



Growth in subscription and SaaS will drive recurring revenue; Subscription model accelerates shift to more predictable financial performance

Value creation will drive acceleration in Total Software licensing and EBIT





Note: Numbers are non-IFRS. 2020 and 2021 at constant currency * Mid-point 2022 guidance



Tangible benefits to clients and Temenos

Benefits to client



Enhanced value proposition for customers significantly expanding flexibility



Lower upfront cost, reflecting a shift to OPEX from CAPEX and the time value of money



Easier to scale with demand



Flexible maintenance options



Easier path to SaaS

Benefits to Temenos



Greater upsell opportunity



Better customer retention



Significantly expanding long-term value creation potential through incremental growth, higher margins and cash flows



Accelerate the shift to more predictable financial performance driven by a much higher proportion of recurring revenues



Increase total contract values

Key strategic initiatives



Key strategic initiatives





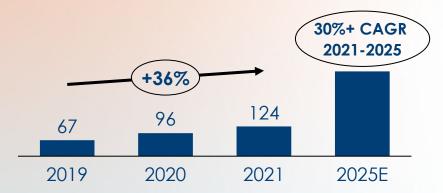




Continued focus on profitable SaaS growth with margin expansion

Sustained SaaS revenue growth

SaaS Revenue (USD M)



Sustained SaaS margin improvement SaaS margin



Key levers for profitable growth



- Composable Bankina
- Self service portal
- Click & go capability
- Cloud native



- Higher incremental revenue
- Lower time to value
- Higher NPS



 Deepening partnerships with committed volumes (AWS & Azure)





SaaS **operations**

- Focus on pre-assembly (SaaS deployment readiness)
- Further automation of SDIC and delivery
- Improved productivity
- Higher margin
- Improved NPS



 Focus on mid-tier incumbents as they increasingly transition to SaaS



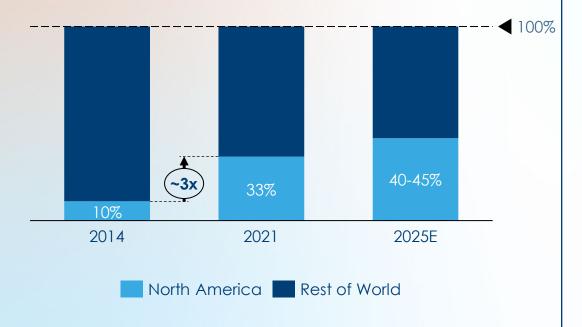
- Larger deal sizes
- Higher margin through laraer volumes



Building momentum in North America

Significant increase in North America's contribution to our Software licensing

Total software licensing: North America vs. Rest of World¹



Accelerating our North America growth



Maintain advantage in non-incumbents

- Significant growth in pipeline
- Strong referenceable client base for Challenger banks



Leverage platform, presence and strategic partnerships to target Tier 1s

- Platform aligned to Tier 1 priorities: targeted transformation, standardized global expansion and seamless post-merger integrations
- Credibility of delivering large transformation projects in the US with live clients on US model bank
- Deepen relationships with top tier integration partners (E.g., IBM)



Shape and drive the BaaS and BNPL market

- Strategic partnership with Mbanq for Credit-Union-as-a-Service
- Increased interest for our BNPL offering and expertise based on success with global top 10 provider

Commerce Bank: Successful Digital transformation in the US market from legacy to Temenos Core Banking











Background & Context

- Super community bank in the United States, 47th largest with \$25 billion in assets
- Core modernization project now live, moved its legacy platform for deposits to a modern, agile and open platform



Why Temenos

- Modern solution with real time features
- Highly configurable and flexible



Outcomes

- Ability to service using US model bank
- Increased operational efficiency
- Enhanced ability to innovate and incorporate emerging technologies
- Improved **speed to market**

"Commerce is focused on staying at the forefront of technology to ensure **the best service to our customers**. We recognize that a **modern core banking platform** is an **accelerator for innovation and digital customer experiences**. The Temenos platform will enable Commerce to deliver **innovative solutions** for our customers today and well into the future."

- David Roller. Chief Information Officer

Enhancing capabilities to serve Larger banks

Strong track record among Large banks



> 35% of Tier 1-2 banks, including 41 of the top 50 global banks are Temenos clients



Targeting 40-50% of Total Software Licensing from Tier 1-2 banks



Broadest range of referenceable clients

Increasing penetration within larger banks



Open composable platform aligned to large bank needs

- Targeted incremental transformations
- Standardized global expansion (reuse, localization)
- Seamless post merger integrations



Newly setup function to focus on large banks

- Dedicated account management for selected accounts globally
- Strengthening sales skills with ex-bankers, specialist
 Enterprise Architects with large bank experience
- Targeted Sales Plays and Marketing



Partnerships with Strategic Advisors Deepening partnerships with Top tier consulting firms



Open platform powers network effects



Sales **Partners** Cognizant

Deloitte.

syncordis

accenture



aspire (A)













Delivery Partners

Cognizant

syncordis













accenture













Solution



















Training, communication and enablement

Partner led delivery model

Temenos SCALE program

Collaboration and coinnovation with fintechs. developers and experts

Extensibility framework & Open APIs to help partners configure, customize and extend Temenos



Technology

















Strategic **Advisors**



McKinsey & Company









platform



ESG integral to our goal of achieving our vision and delivering business value



ESG Mission:

- Help our clients transform into smart, inclusive and sustainable organizations
- Manage our operations ethically and sustainably
- Contribute to global social and environmental initiatives

Consistent overperformance in leading global benchmarks







Top 1%











Leadership

Top 10%

Included in Swiss
Sustainability 25 index

Top performer in industry

AA rating (top 20%)

Ethical governance: committed to transparency & disclosure









(By end 2022)



(Operations & Product offering)

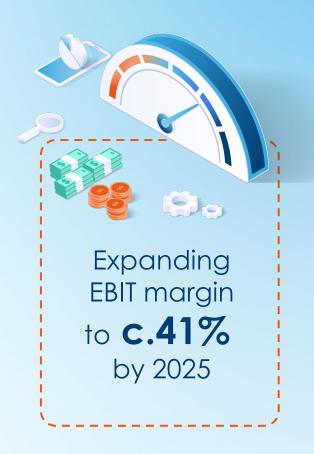
TENACITY VELOCITY RESPONSIBILITY AUTHENTICITY COMMUNITY



Accelerating growth trajectory







Thank You



An Industry in Flux: Banking Trends 2022

Kanika Hope

Chief Strategy Officer





Disruptive technologies key to future of banking...

2021 - 2025







API/Microservices



DevOps



Big Data



Al/Machine Learning



Blockchain/ Distributed DB



65% think new
technologies will have the
biggest impact on
banking in next 5 years
over changing customer
demand and regulations

86% believe DevOps methodologies and modern cloud-based platforms will drive core banking transformation

81% think unlocking value from AI will be the differentiator between winning and losing banks

2025 - 2030



Quantum Computing



5G



Augmented/ Virtual Reality



Internet of Things



Biometrics



Wearables

...intensifying the pressures banks have always faced

Reliability & Trust

Responsiveness & Convenience

Hyper-personalization & Holistic experience

Access or financial inclusion

Demanding Customers

Open Banking & PSD2

Instant payments

Central Bank Digital Currencies (CBDC)

Cybersecurity & resilience

Basel, IFRS, SOX, Dodd Frank

Regulation and Market Practice

Payment specialists

"Tech-fin" - Technology giant + Ecommerce platforms

> Fintech - start-ups, neo-banks, BaaS providers

Rise of New Competitors



BANKS

COVID-19 impact

Market & geopolitical volatility

Economic slowdown and low profitability

Increased cyber crime

Tough Market Conditions



The unbundling of the banking value chain **Distribution** Manufacturing Sales & Product **Operations** Servicing Marketing Management **Digital banking** Open Banking and BaaS **Mobile Wallets & Remittances** Grab 7 WISE 8 mo V OVO © Pay 3 curve W vivawallet palmpay mo valá G Pay Alipay tink Mbanq. Bankable N26 Chime tide YOLY ONLY GREENUGHT Railsbank Solarisbank treezor Orgisin. November | monzo | NorthOne YOLT bud. STRUELAYER Varo judo flowe flowe fidor TTAURUS Grab Credit score and analytics Real estate and mortgages @ Billion Chetter FIGURE ▲ Trussle VQualia COwnUp POINT POS and consumer lending Hyhomes 5x CUBICANDAR PeerStreet (Viendinvest Klarna. Bread Jupgrade Petal @ zest patty affirm PayPal **Personal Finance Retail investing** Groww (n) OpenInvest VIELDSTREET Robinhood / Grow Gorila Money Dashboard digit "tally @Dreams CRED Varo Crypto N nerdwallet INDwealth symbiont & BINANCE !! Ledger BlockFi coinbase & SFOX Payments processing and networks Payroll & benefits Airwallex Rapyd flywire (YOCO) KEBANX stripe riskified **Regulatory compliance** Currencycloud NUM P OPay BREX Paroneer WorldRemit TouchBistro ▼Guideline XERPAY HealthJog, gusto League Instant **General Lending & Finance** PAYVERIS OJUSPAY SLEMONWAY GOCARDLESS KFlutterwave PayFit SALARICE papayaglobal Human = Even SWID BEHAVOX FIRTER (Dentido Tulido (Esseum 🌁 truework CLEARBANC BlueVine amartha DRIP/c ### amazon >>> MARQETA = paystack Payim : 4 Bolt ARazorpay pingpong TESSTAN DIOCATCH IMMUTA GREENING COMMON PLATFIE

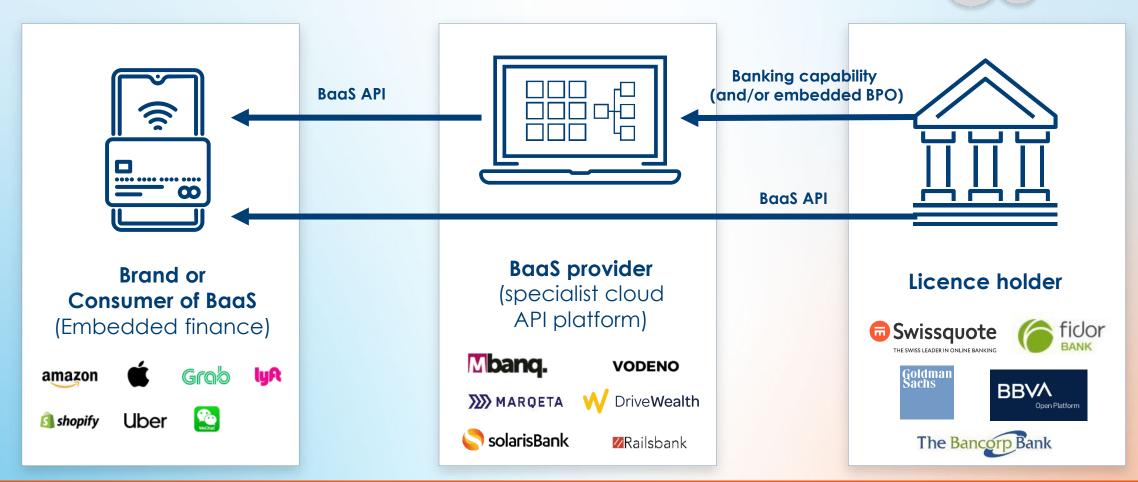
Clear Bank

Konglio Money View" scratch. splash Prupeek lendio @creditas

[&]quot;Banks are playing an increasingly smaller role in the financial system" – Jamie Dimon, CEO, JP Morgan & Chase

The rise of Banking-as-a-Service





The BaaS market is expected to reach \$3.6T by 2030

Profitable segments of the banking value chain at risk due to nimble new entrants

Estimated business volumes lost to disintermediation by 2025 ¹				
Payments	34-50%			
Investments	34-50%			
Consumer lending	17-34%			
SME lending	17-36%			
Mortgages	12-34%			



Incumbent banks' strategic responses



Consolidation

 Mergers between banks to capture economies of scale. strenathen niche focus areas, improve capital positions and/or increase investment capacity



DNB + S'banken









Divest utility segments

 Withdraw from nondifferentiatina utility activities or participate in one











Focus on niche segments

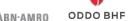
Focus on core seaments to build scale and scope over time and differentiate against the specialist plays of challengers













Collaboration with fintechs

 Bilateral partnerships. investment or acauisition























Building greenfield

 Leverage existing license to enter a new market seament with a new brand

















Open Banking business models

- Banking-as-a-Service (BaaS)
- Banking-as-a-Platform















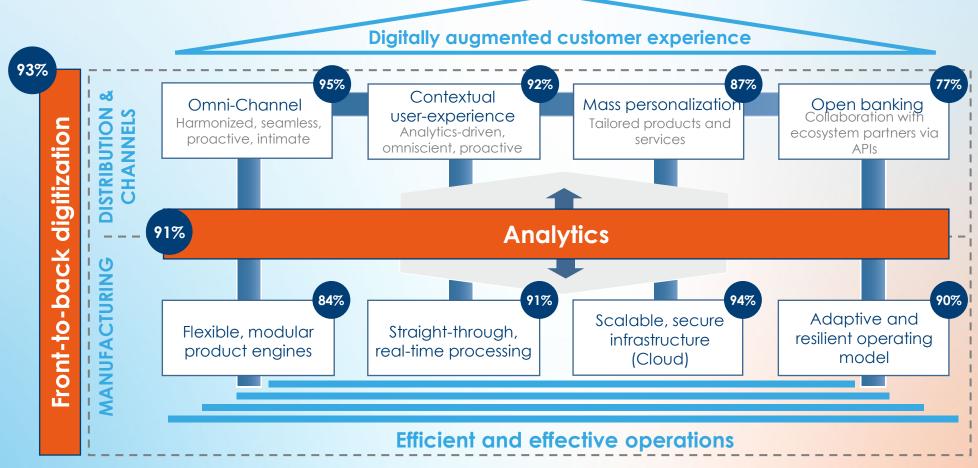








The Banking Capability Model for the Digital & Open Banking age to support all strategic responses



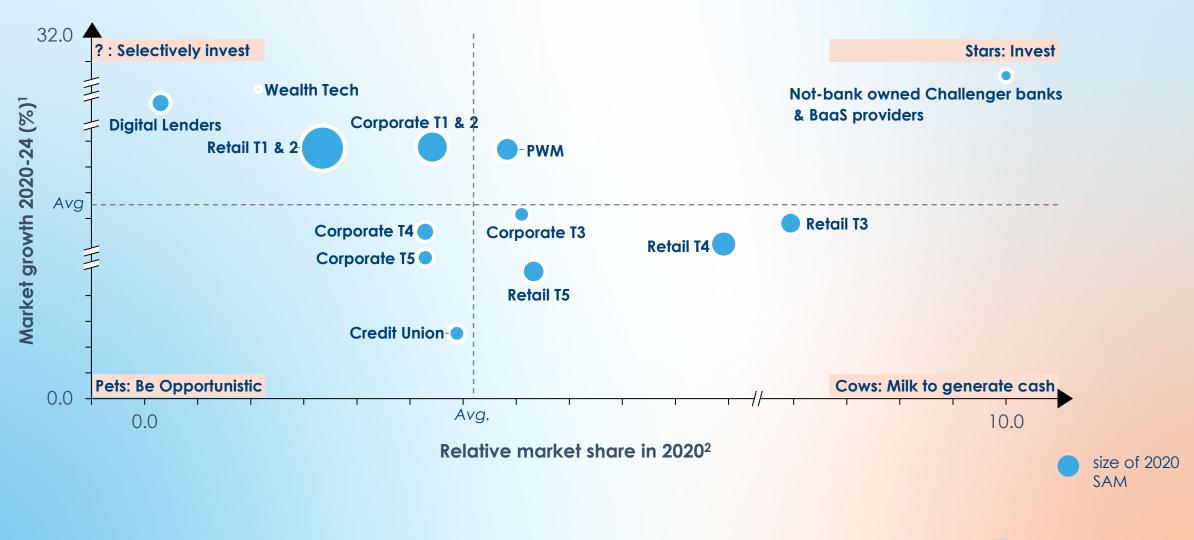
X%

Proportion of benchmark participants: retail divisions of 53 banks) rated the capability as top priority (importance of 4 or 5 on a scale of 1 (lowest) to 5 (highest)

Market Landscape: Banking revenue moving beyond incumbents

Segment	Sub-segment	Example		
	Banks – Tier 1,2,3+	standard chartered	♦ Santander	LLOYDS BANKING GROUP
Incumbents	Credit unions & community banks	Nationwide [*]	SKIPTONI (BUILDING SOCIETY)	Crof Laighean CREDITUNION
	Specialty Finance	oplo	TOYOTA FINANCIAL SERVICES	FORD CREDIT
	Micro finance	AU MARCE	Bina Artha mitro branque ande	Grameen Bank
	Bank owned Challenger banks	Hello bank! EQ Bank		
	Not bank owned Challenger Banks	Revolut	⋈ monzo	Starling Bank
		B kakao bank	orange [*] bank	M ~ shwari
Non-incumbents	Pureplay BaaS providers	solarisBank	⊘ Railsbank	(GALILEO
	BaaS brands excluding platforms	Uber	ly≀	shopify
	Fintechs	lendi⊙	♦ BINANCE	Adviscent Industries Advisory
	Platform players (including Payment disruptors)	amazon	Google	ANT
		PayPal	Grab	PINGAN

Growth-share matrix of key segments and tiers



Current Reality at Incumbent Banks





- Dependencies on end-of-life systems major cause for concern
- Basel committee introduces new rules to standardize operational risk related to IT system failures

Today, banks are following a combination of three technology strategies



Source from fintechs

Acquire modern cloudnative technology stack to augment/enhance inhouse capabilities



Build greenfield

Launch a greenfield challenger bank (new brand/market)



Renovate existing business

Modernize existing IT architecture using disruptive technologies





Build & migrate

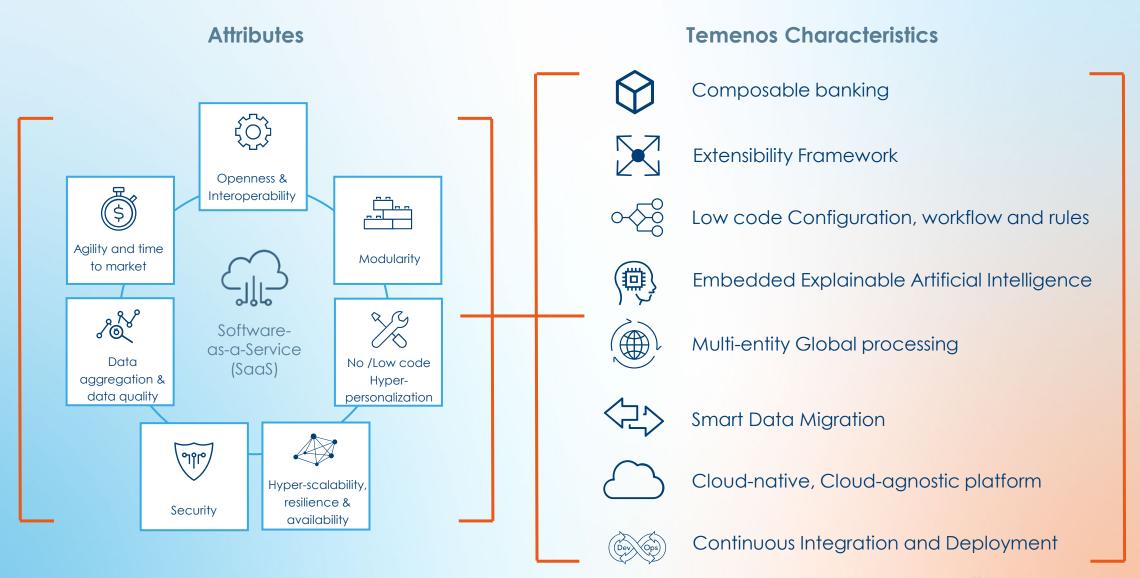


Build & OR migrate





Technology attributes required for today and tomorrow



Thank You



The Evolution of Temenos
Products and Services

Prema Varadhan,

Chief Product and Technology Officer





Changing Ecosystem of Banking Service Providers

INSTITUTION TYPE

KEY ELEMENTS

ROLE

Incumbents

Non-incumbents

- Cloud Core Banking
- Open Banking APIs
- Banking-as-a-Service

- Product builder?
- Builder-Aggregator?
- Distributor?
- Distributor-Aggregator?

Extensible banking services and capabilities
Cloud-native but with choice
Open platform for collaboration
Global scalability

THE TEMENOS BANKING CLOUD PLATFORM

FOR COMPOSABLE BANKING

PLATFORM USERS





Enterprises









Banks

Solution **Providers** **FinTechs**

Systems Integrators

Individual **Developers**

UNIQUE PLATFORM CHARACTERISTICS

- Composable Services
- Extensibility
- Embedded XAI Services
- Low-code Configuration, Workflow and Rules
- Multi-entity Global Processing
- Smart Data Migration

TemenosBanking.cloud

EXPLORE

API Catalogue

DEVELOP

Base Camp

DEPLOY & TEST

Sandbox Environment

COLLABORATE & SELL

Temenos Exchange

TEMENOS COMPOSED BANKING SERVICES

precomposed services based on capabilities





TEMENOS ENTERPRISE SERVICES

end-to-end solutions for banking segments





TEMENOS BANKING CAPABILITIES

grouped by domains

Channels

Customer **Engagement**



Products

Operations















- Cloud Native
- Cloud Agnostic
- Database Agnostic
- Distributed Event Architecture
- Continuous Integration & Operations
- Continuous Delivery & Updates
- PLATFORM TECHNOLOGY FOUNDATION
 - Open APIs Security
- Serverless (Function-as-a-Service and Knative) Containers (Kubernetes & OpenShift)

TEMENOS BANKING CAPABILITIES LANDSCAPE

GROUPED BY BANKING SERVICE DOMAINS

Retail Customer Management SME Customer SME Next Best FCM Outlier Retail Next Retail Scoring SME Scoring XAI **Best Product Customer Engagement Operations** Channels **Products** Data & **Analytics** Retail Onboarding & Origination Product Pricing & Bundling Collateral Product Retail Banking Accounts Campaigns Design Clearing SME Onboarding & Origination Retail Loans SME Banking Orders **Retail Deposits** E-Money Collections Clearing Data Lake Corporate Onboarding & Origination Corporate Product Corporate Payment SME Loans Trade Finance Catalog Bankina Loans Management Market Data Wealth Onboarding & Origination Wealth Cash Mgmt & Portfolio Funds Party Commissions Virtual Accts Banking Management **Authorisations** Reference Data Corporate Relationship Inclusive Holdings Reconciliations Treasury Banking Engagement Actions Bankina Payments Execution & **Payments** Clearing **Business Support** Request to Local Accounting Positions Pav **Payments SWIFT** Payment Gateway Connectivity Open Banking Localization Customer RFR FATCA Customer Policy Engine Compliance Risk & Country Compliance Financial Risk IFRS Reporting **CRS** Reporting

Management

EXAMPLE TEMENOS COMPOSED BANKING SERVICE

BUY NOW PAY LATER

Retail Scoring XAI Channels **Customer Engagement Operations Products** Data & **Analytics** Retail Onboarding & Origination Product Pricing & Bundling Marketing Product Retail Banking Campaigns Design **Analytics** Orders Retail Loans Data Lake Product Catalog Party Relationship Holdings Engagement Payments Execution & Instant **Payments** Clearing **Business Support** Security Local **Access Control Payments** Authentication Localization **Know Your** Watchlists Customer Risk & Compliance

Composed Banking Services for 2022



Temenos Enterprise Services

Temenos Enterprise

Digital Mortgages



Temenos Composed Banking Services

Buy Now Pay Later

Demand Deposit Accounts

Retail Lending

Temenos Enterprise Pricing

Explainable Al

Financial Crime Mitigation

TARGET Instant Payments Settlement



Temenos Independent Banking Capabilities

Retail Loans

Retail Deposits and Savings

Accounts

Virtual Account Management

IDFS (Salesforce)

Why is it better?



The **broadest set**of open and
composable
banking capabilities
in the market



Localized configurations



Extensible with

Banking
Capabilities from
Temenos and
Exchange



Scales with business growth

The ability to Compose banking services allows banks, Temenos, and partners to rapidly assemble solutions when they are needed, and to re-use the value in existing capabilities and services easily and with agility

ABN AMRO: A true partnership with Temenos driving innovation and agility on cloud





Background & Context

- Long term strategic partnership through transformation
- Phase 1: Transact, Phase 2: Payments, Phase 3: Temenos Continuous Deployment (TCD) on Cloud, Phase 4: Wealth







Why Temenos

- Market-leading solution with most complete functionality
- Future proof product roadmap
- Global reach







- TCD helped the bank's **24 innovation teams** to innovate **more frequently and effectively**
- 30% estimated increase in efficiency
- 300% growth in international business since 2012
- 25% reduction in IT development costs for regulatory changes
- Increased agility allowing new countries or acquired banks to be onboarded quickly

"Thanks to **Temenos' innovative Continuous Deployment product**, we can gain greater **product agility and improved time-to-value**, accelerating the **speed of innovation** and making business changes rapidly."

- Friso Westra, Head of IT Development, Core Banking International

Flowe: Launching one of the world's most ethical and innovative banks in rapid time













Background & Context

- Italian Challenger bank targeting Millennial and Generation Z
- Built unique mobile app that allows users to transfer funds while making positive impact on society & planet



Why Temenos

- Proven experience helping other challenger banks launch quickly
- Rich API capabilities to support ongoing innovation, including Open Banking initiatives
- High levels of security and compliance



- 700K customers onboarded in the first six months, including peak of 150K in one week
- Fully automated onboarding enabled account opening in 7 to 8 minutes
- 3rd party integrations allowed customers to track carbon emissions
- Several high-profile awards for innovation, e.g., IBS Intelligence Global FinTech Innovation Awards 2020

"Working with Temenos has **enabled us to turn our unique vision into reality**. Today, we are **one of the most ethical** and **innovative banks in the world**."

- Cristina Toniazzo, Head of Happiness, Caring & Service Operations

Thank you



Technology Update

Tony Coleman

Chief Technology Officer





Temenos Offers...



Choice:

- A single code base
- Investments benefit everyone



Cloud Native Technology:

Scale, evolution, future proof, proven track record



Composable Banking:

Compose services from the most comprehensive set of banking capabilities, augmented with capabilities with Exchange partners



Extensibility:

- Continuously upgrade safely
- Opens the platform for partner innovation
- Embedded DevOps for implementations, upgrades and BAU



Efficiency:

- Simpler to implement
- Leaner and greener to deploy
- Hyperscale operations

Choice

Who runs it?



The Temenos Banking Cloud (SaaS)

Client

Partners

Deployment



Public Cloud

Private Cloud

Hybrid

Cloud-like / On-prem

Architecture



Decoupled

Embedded

Hybrid

Packaged



Differentiate / Commodity

Country Model

Safe Extensions

Continuously Upgradeable

Single Code Base. Investment benefits everyone.

THE TEMENOS BANKING CLOUD PLATFORM

FOR COMPOSABLE BANKING

PLATFORM USERS













Banks **Enterprises**

Solution **Providers** **FinTechs**

Systems Individual Integrators **Developers**

UNIQUE PLATFORM CHARACTERISTICS

- Composable Services
- Extensibility
- Embedded XAI Services
- Low-code Configuration, Workflow and Rules
- Multi-entity Global Processing
- Smart Data Migration

TemenosBanking.cloud

EXPLORE

API Catalogue

DEVELOP

Base Camp

DEPLOY & TEST

Sandbox Environment

COLLABORATE & SELL

Temenos Exchange

TEMENOS COMPOSED BANKING SERVICES

precomposed services based on capabilities





TEMENOS ENTERPRISE SERVICES

end-to-end solutions for banking segments





TEMENOS BANKING CAPABILITIES

grouped by domains

Channels

Customer **Engagement**



















- Cloud Native
- Cloud Agnostic
- Database Agnostic
- Distributed Event-driven Architecture
- Continuous Integration & Operations
- Continuous Delivery & Updates
- Open REST APIs
- Security

 Serverless (Function-as-a-Service and Knative) Containers (Kubernetes & OpenShift)

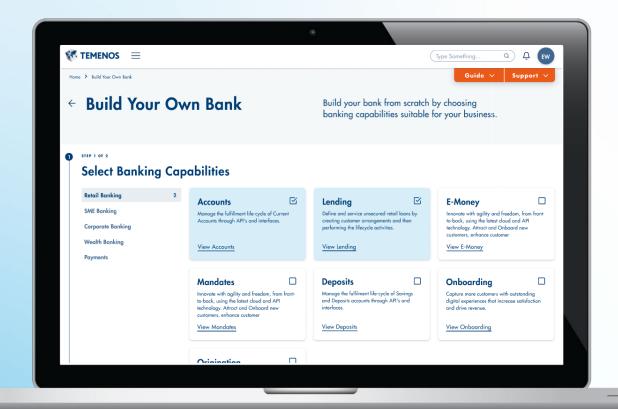
TEMENOS BANKING CAPABILITIES LANDSCAPE

GROUPED BY BANKING SERVICE DOMAINS

Retail Customer Management SME Customer SME Next Best FCM Outlier Retail Next Retail Scoring SME Scoring XAI **Best Product Customer Engagement Operations** Channels **Products** Data & **Analytics** Retail Onboarding & Origination Product Pricing & Bundling Collateral Product Retail Banking Accounts Campaigns Design Clearing SME Onboarding & Origination Retail Loans SME Banking Orders **Retail Deposits** E-Money Collections Clearing Data Lake Corporate Onboarding & Origination Corporate Product Corporate Payment SME Loans Trade Finance Catalog Bankina Loans Management Market Data Wealth Onboarding & Origination Wealth Cash Mgmt. & Portfolio Funds Party Commissions Virtual Accts Banking Management **Authorisations** Reference Data Corporate Relationship Inclusive Holdings Reconciliations Treasury Banking Engagement Actions Bankina Payments Execution & **Payments** Clearing **Business Support** Request to Local Accounting Positions Pav **Payments SWIFT** Payment Gateway Connectivity Open Banking Localization Customer RFR FATCA Customer Policy Engine Compliance Risk & Country Compliance Financial Risk IFRS Reporting **CRS** Reporting

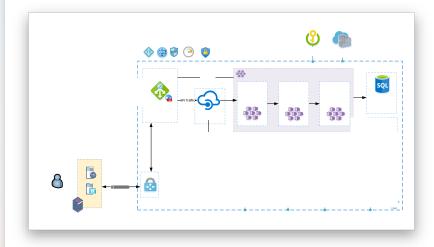
Management

Composable Banking



Compose solutions by choosing Temenos Banking Capabilities...

ARCHITECTURE

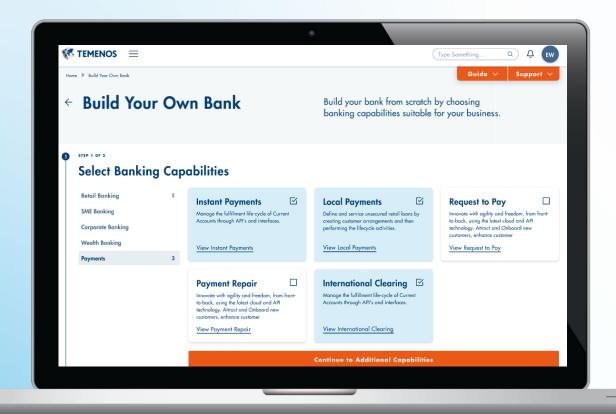


Decoupled capabilities - each defines its own runtime and dependencies

Enables Infrastructure-as-Code (IaC) to be created on the fly...



Composable Banking



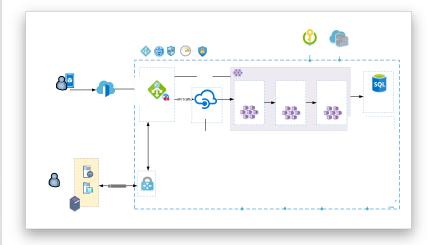
Compose solutions by choosing Temenos Banking Capabilities...



... from a broad range of business areas ...

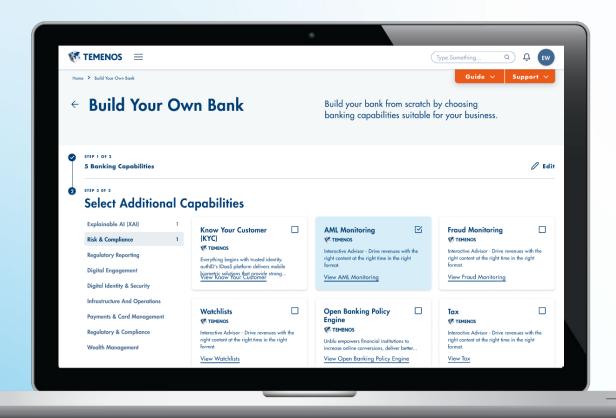


ARCHITECTURE



... and modified as needed

Composable Banking



Compose solutions by choosing Temenos Banking Capabilities...

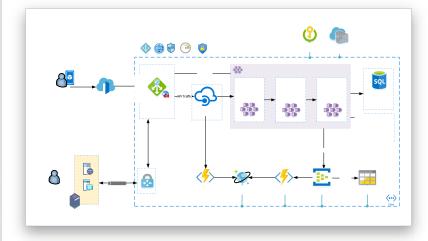


... from a broad range of business areas ...



... add supporting capabilities, from both Temenos and Exchange Partners

ARCHITECTURE



Extensibility Framework



Upgrade safely, with ease



Protect SLAs



Enhance developer experience



Use industry standard skills

What:

"Make high-impact changes frequently and predictably with minimal toil"

How:

"Extend & test solutions safely at the perimeter"



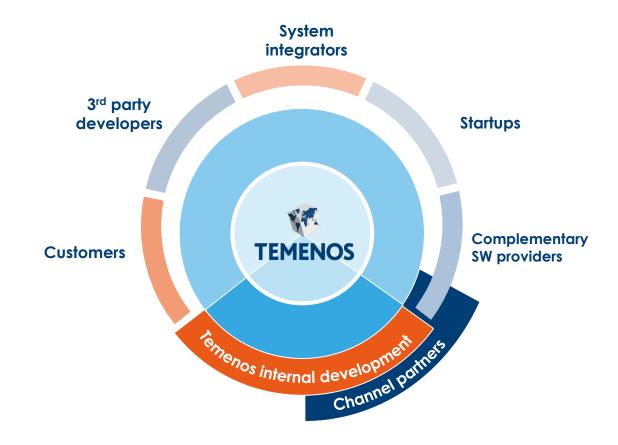
Extensibility Framework & Partners

Empowers the ecosystem to create IP with Temenos

- ✓ Co Innovate
- √ Co Create
- ✓ Co Monetize

Exchange adapters, apps, localization....

A digital ecosystem for banking centered around Temenos



Embedded DevOps & Continuous Updates

WHAT OUR CLIENTS NEED

Seamless updates

Always on the last version

High Availability / Disaster recovery

Evergreen

HOW WE DO IT

Release Validation Tests

Automated Test Framework

Temenos Workbench

Extensibility framework

SLAs



Temenos distributes Release Validation Tests with Temenos Banking Capabilities. These run on the automated test framework and may be extended for each deployment

Efficiency

Improved efficiency of Temenos software, regardless of who, how or where it runs



Build

- Less Infrastructure
- Less middleware
- Overarching design principle



- Simpler to implement
- Operational simplicity
- Reduced TCO
- Scale as needed



Leaner and greener throughout the Temenos SDLC and the implementation

Proven Track Record: Cloud Native Technology

2011 2020 2022 2022+

Temenos Cloud

- ✓ Virtual Machines
- ✓ Core banking
- ✓ Managed Service

Cloud Native

- ✓ Containers & Serverless
- ✓ Multi-Product
- Continuous operations
- ✓ Cloud Agnostic

Temenos Banking Cloud

- ✓ Continuous Updates
- Composable Banking Services
- Enterprise Banking Services
- ✓ Temenos Banking Capabilities
- ✓ Self-Service
- √ Sandbox
- ✓ Infrastructure as Code

Next ...

- Multi-Cloud Workload Allocations
- ✓ XAI ops and NoOps
- ✓ Specialist Micro-Clouds
- Hyperplexed Architecture
- ✓ Quantum Computing
- \checkmark AR + VR
- ✓ Edge Computing / IoT
- ✓ Everything as code

HYPERSCALERS:















HUAWEI CLOUD



Thank you



Composable Challenger Bank DEMO

Ramki Ramakrishnan

Global Business Solutions Director





Spotlight on Composability



Composability

- Exploring
- Learning
- Assembling



Low-touch SaaS

- Self Service Portal
- Open Access to all capabilities



Open Platform

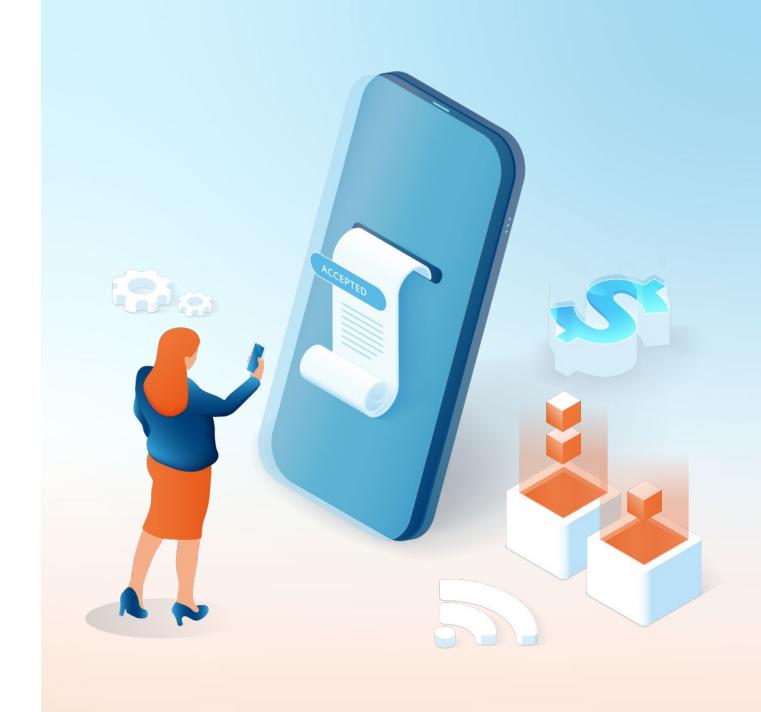
- Composed Services
- Banking Capabilities
- Continuous Updates

Buy Now Pay Later DEMO

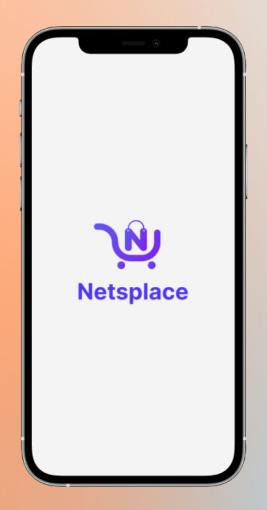
Ramki Ramakrishnan

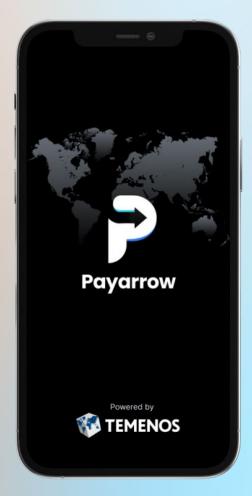
Global Business Solutions Director

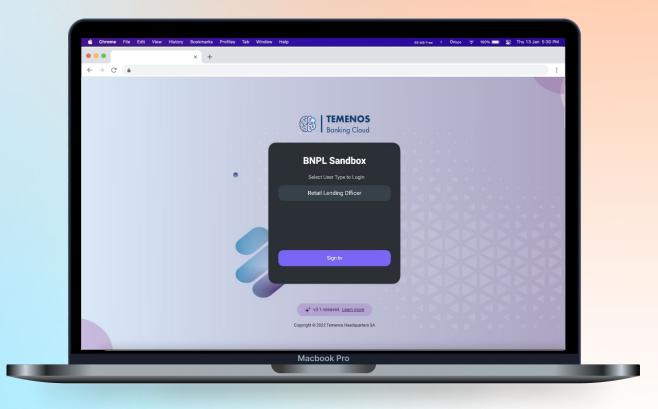




Buy Now Pay Later Demo

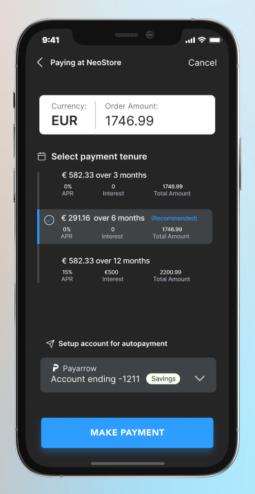


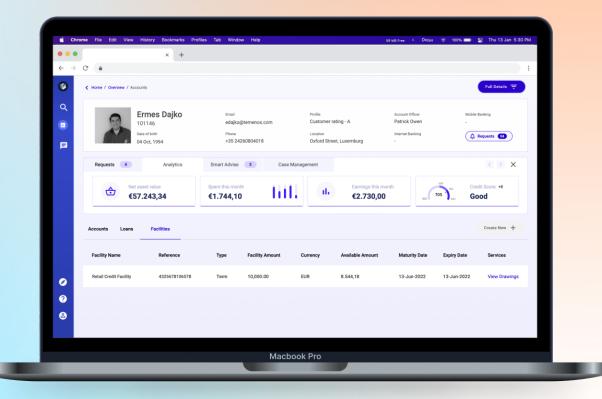




Summary







Thank you



Temenos SaaS

Ross Mallace,

Business Line Director, Temenos SaaS





SaaS is rapidly growing

Over 700 SaaS clients Growing margins through automation efficiency gains,

economies of scale & larger clients.

Solutions supporting **all incumbent** and **non-incumbent** business models.





All geographies mobilized for SaaS

Global Acceleration



Accelerating SaaS Consumption



700+ Saas Clients



70+ Challenger Banks



10 Years of Operation







Itaú

prestanómico

2013 2011 2012

2014

2015

2016

2017

2018

2020

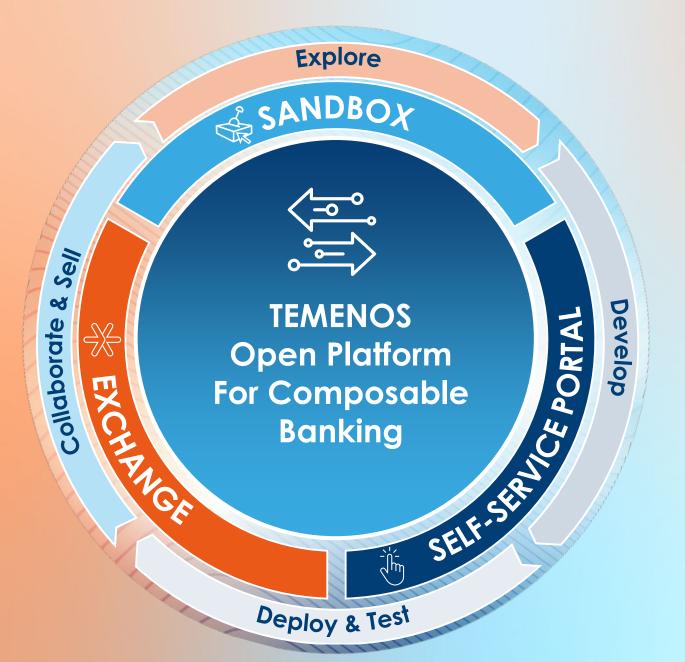
2021

greendot

Providing SaaS for all types of banks







The TEMENOS BANKING CLOUD

The Open Platform for Composable Banking

Try new ideas in a sandbox

Test and send into production quickly

Extend from the Exchange ecosystem

Why are we winning?



Prebuilt
Composed
Banking Services



Low-touch SaaS to enable self-service composability to banks



Extensible with
Banking Capabilities
from Temenos and
Exchange



Cloud Native

Continuous updates
Elastically scalable
Extreme scalability

Multi cloud (Azure & AWS)



Consumption based

Subscription pricing

for cost predictability

without unnecessary

lock ins



Powered by the broadest set of banking capabilities in the market

Sharing our clients' success

- Extremely scalable platform to support successful client growth
- Driving further SaaS consumption from our clients' success
- Margin growth through economies of scale





Global Multi-Country Client

"Temenos' SaaS technology helped us to rapidly onboard a significant number of users in a matter of days."
- Ivan Mazzoleni, CEO of Flowe Bank



Thank you

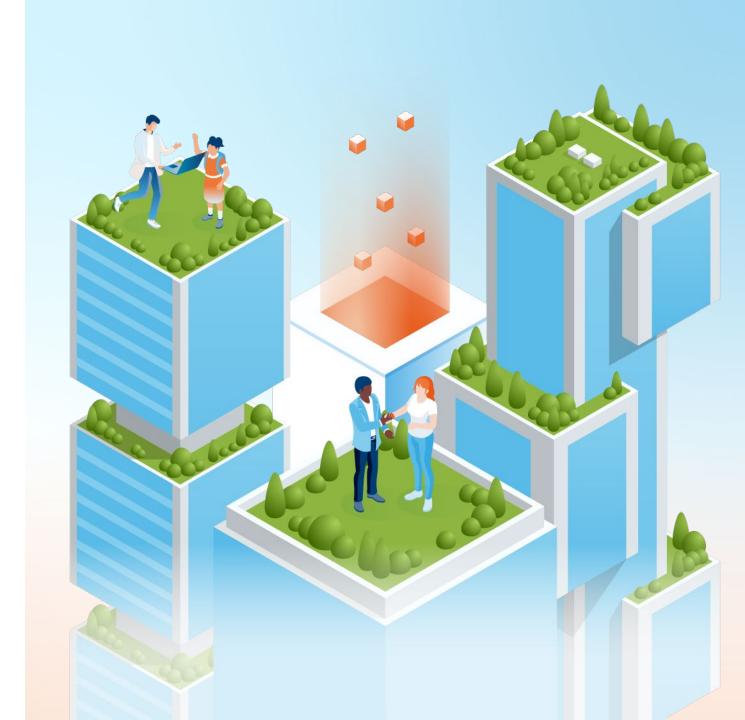


Temenos' approach to ESG

Kalliopi Chioti

Chief ESG Officer







To grow our business in a way that takes care of the world around us, delivering value to anyone associated with us

OUR GOAL

The 3 dimensions of our ESG strategy



VALUE CREATION



Impact on business model



COMMUNITY INVESTMENT



Impact on society



RISK MANAGEMENT



Impact on operations



Integrating ESG into our operations and product offering

WHAT IT MEANS TO US:

Helping our **clients** transform into smart, inclusive and sustainable organizations

Managing our **operations** ethically and responsibly

Contributing to **global** social and environmental **initiatives**

ESG PRIORITY STRATEGIC AREAS

- Achieving Business Excellence
- Operating Responsibly
- Investing in our People
- Investing in our Communities
- Enabling Access to Financial Services

Engaging with our stakeholders to define our focus areas

ENVIRONMENT

- Environmental Management & Awareness
- Climate Change & Carbon Neutrality



SOCIAL

- Diversity, Equity & Inclusion
- Digital Inclusion & Innovation
- Poverty Alleviation & Financial Inclusion
- Employee Volunteering & Community Service



GOVERNANCE

- Ethical Business Conduct & Governance
- Responsible & Inclusive
 Procurement
- Information Security, Data Privacy & Business Continuity



Setting competitive ESG targets



Mitigating Climate Change

- Aligned our climate
 strategy and reporting with
 TCFD recommendations
- ✓ Set Science-based targets for own operations and suppliers by end of 2022

- ✓ Temenos Banking Cloud as a climate-related opportunity
 - ✓ Provide our clients with the tools to reduce their or their customers' carbon footprint, improve their environmental performance, reach their sustainability targets and enable them through their net zero journey
 - ✓ Work with our partners on the above for bigger environmental benefit for our clients.

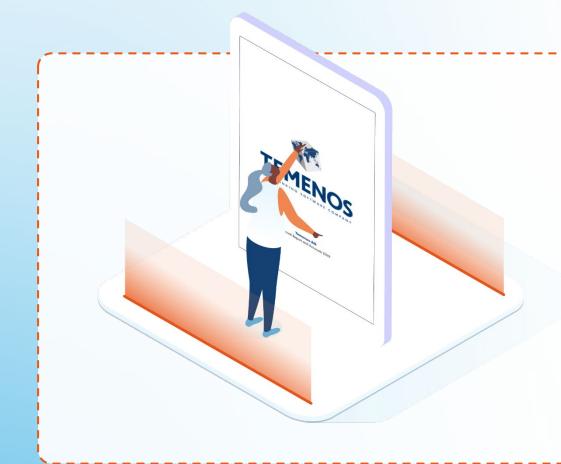


https://ffnews.com/newsarticle/b anks-need-to-act-now-to-reducetheir-carbon-footprint-urgestemenos/



https://www.techforgood.net/mag/techforgood-january-2022?p=52

Reporting on our ESG Progress



- GRI & SASB reporting
- TCFD reporting
- UN SDGs mapping (operations & product offering)
- **ESG targets** (2030)
- Science-based targets (by end of 2022)
- 3rd party external assurance

https://www.temenos.com/wp-content/uploads/2021/03/2020-Annual-Report-7u42lsu22.pdf#page=52

Benchmarking against global indices and ratings

OUR ACHIEVEMENTS

Top 25 Swiss stocks

SXI Switzerland Sustainability 25[®] Index

2nd in the SOF category globally

Dow Jones Sustainability Index World & Europe

Top 10%

FTSE4GOOD Index

Highest rating

CDP Leadership (A/A-)

Top performer

Bloomberg Gender Equality Index

2x Sustainability Award Winner

2022 S&P Global Silver Class + Industry Mover

Top 20%

MSCI AA Rating

Highest rating

ISS E&S Rating

PRIME status

ISS ESG PRIME Status

Low risk

Sustainalytics low risk

Top 1%

Ecovadis Platinum medal Top 20%

Vigeo Eiris



https://www.temenos.com/corporate-social-responsibility/our-achievements/

1.1

Delivering business value along our value chain with targeted initiatives

Product & Cloud



- Measure and showcase green benefits of Temenos Banking Cloud
- Onboard ESG partners focus on Exchange
- Incorporate sustainable software engineering practices



- Increase sales opportunities
- Increase win rate
- Remain competitive

Sales & Marketing



- 000
- ESG to be integral part of our brand and marketing
- Organize 1st ESG impact event for Temenos community



- Increase sales opportunities
- Remain competitive

HR



 Introduce purposedriven talent management

Finance



- Implement TCFD recommendations
- Set Science-Based (Climate) targets by end FY 2022
- Identify sustainable financing options

Procurement



- Require critical suppliers to have SBTs by 2025
- Set up supplier diversity framework

Support Ops & Analytics





Establish real time
 BI system for ESG
 data disclosures
 & reporting



- Increase retention
- Attract best talent



- Increase financing options
- Remain competitive



 Remain competitive with clients and partners



- Remain competitive
- Drive internal efficiency





Because it is no longer enough to have the best, fastest or cheapest product...

It is about operating responsibly

Doing business with our people, clients, partners and communities that share our values

Innovating with purpose

And winning the right way, not just the easy way.



www.temenos.com/corporate-social-responsibility/

Thank You

www.temenos.com/corporate-social-responsibility/



Financial growth plan

Takis Spiliopoulos CFO

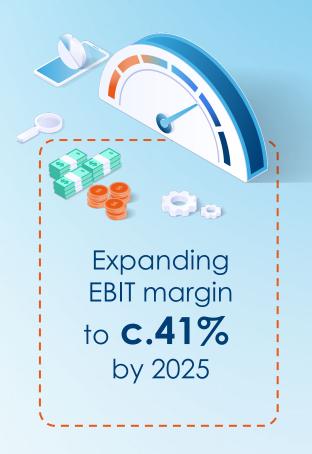




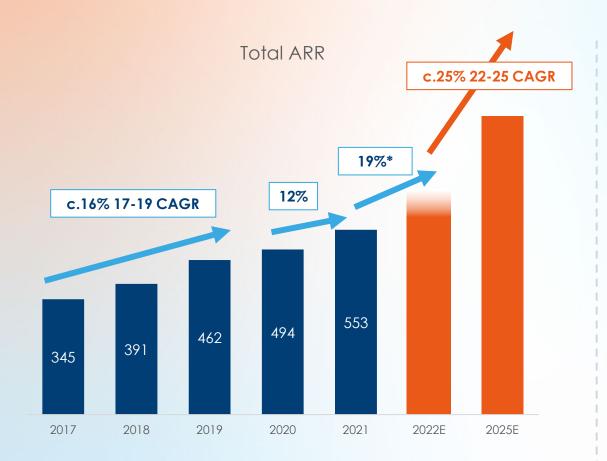
Accelerating growth trajectory

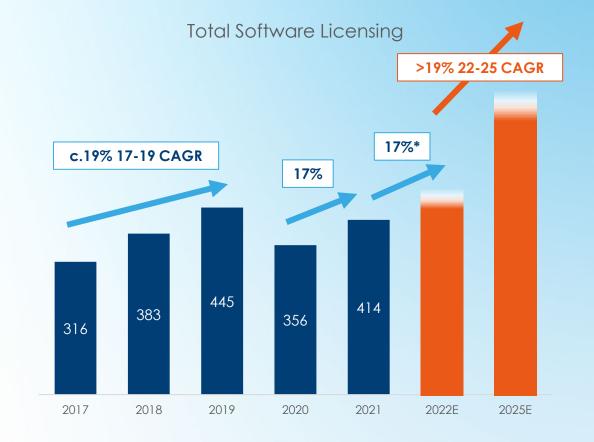






Accelerating ARR and Total Software Licensing...



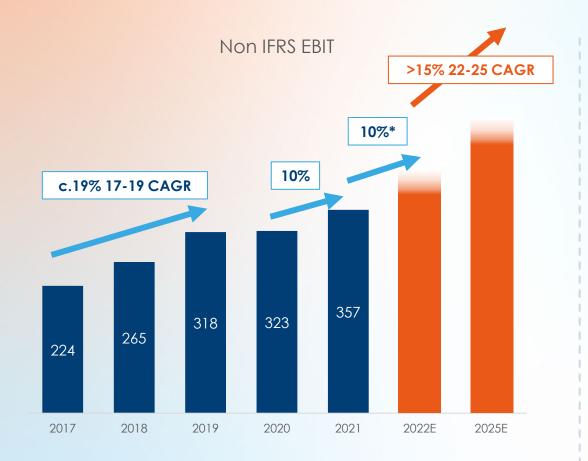


Note: Numbers are non-IFRS.

Note: Numbers are non-IFRS. 2020 and 2021 at constant currency

^{*} Mid-point 2022 guidance

...driving acceleration in EBIT and Free Cash Flow





Note: Numbers are non-IFRS. 2020 and 2021 at constant currency

^{*} Mid-point 2022 guidance

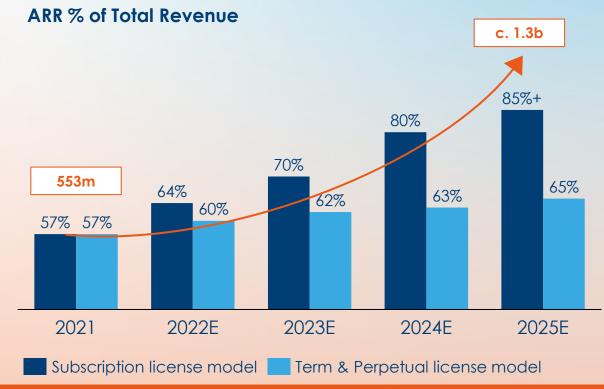
Move to subscription captures greater value and accelerates our growth

Client across all tiers and business models are increasingly asking for subscription contracts rather than traditional upfront license



Temenos will sell five year subscription contracts for on-premise license and maintenance as standard from January 2022, including for renewals





Growth in subscription and SaaS will drive recurring revenue; Subscription model accelerates shift to more predictable financial performance

Tangible benefits to clients and Temenos

Benefits to client



Enhanced value proposition for customers significantly expanding flexibility



Lower upfront cost, reflecting a shift to OPEX from CAPEX and the time value of money



Easier to scale with demand



Flexible maintenance options



Easier path to SaaS

Benefits to Temenos



Significantly expanding long-term value creation potential through incremental growth, higher margins and cash flows



Accelerate the shift to more predictable financial performance driven by a much higher proportion of recurring revenues



Increase total contract values inline with peers

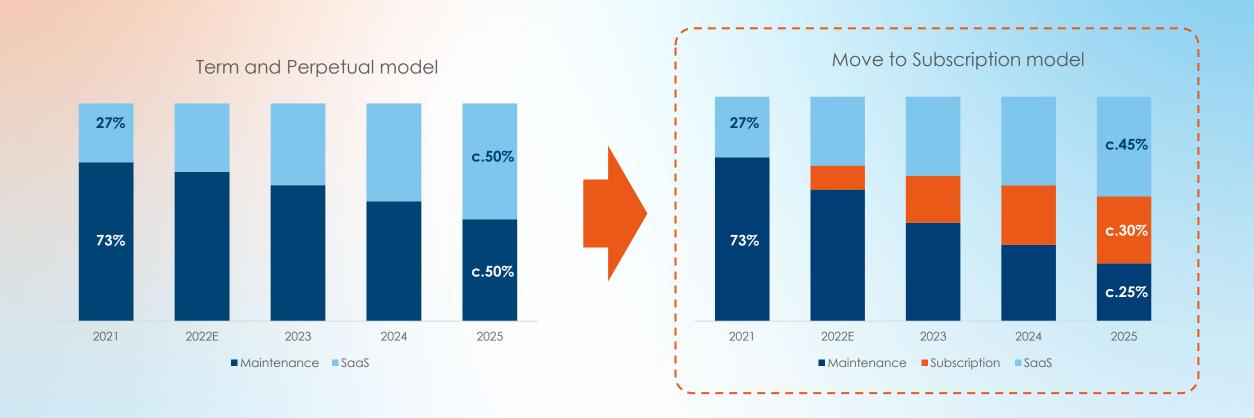


Greater upsell opportunity



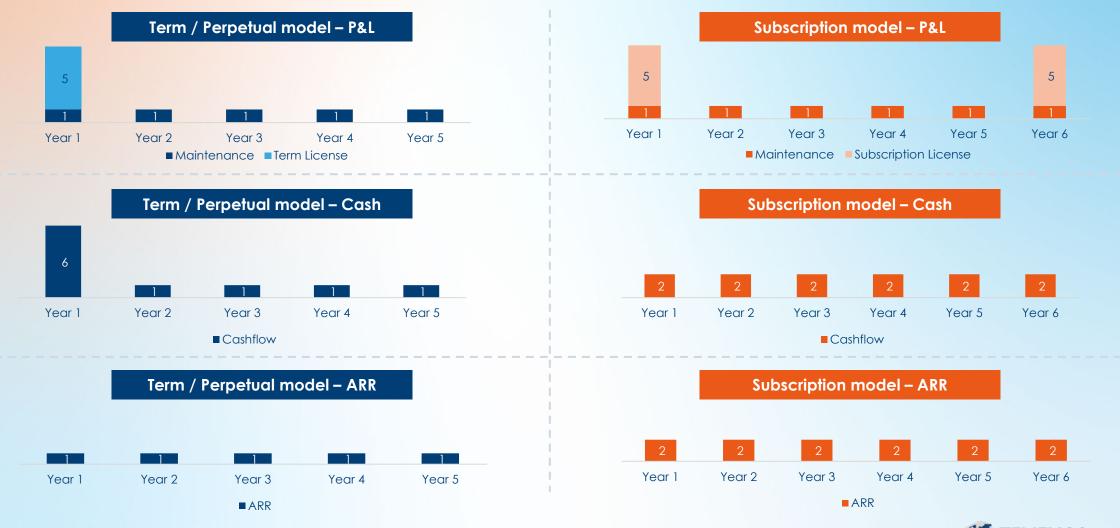
Better customer retention

Subscription will become a material contributor to ARR



Subscription and SaaS to become main contributors through 2025 and beyond

Subscription model illustration



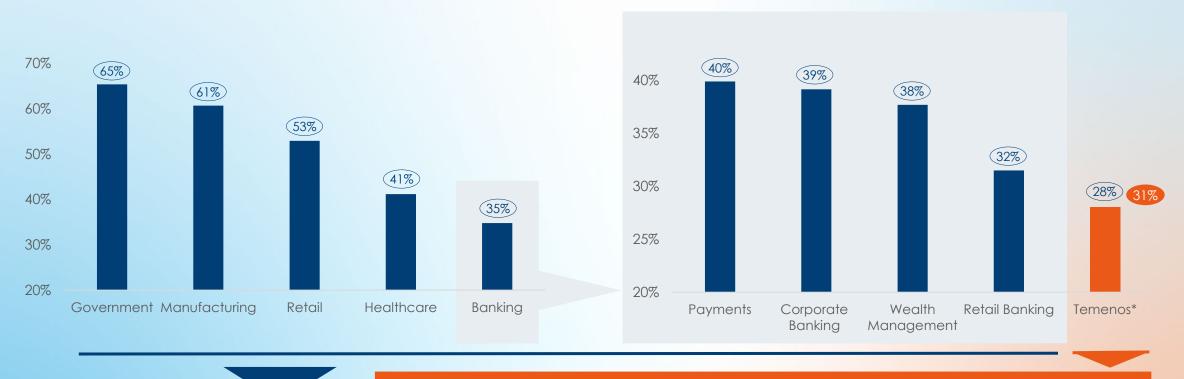
Drivers of growth



Application software is significantly underpenetrated

Third Party Software penetration by industry in 2021

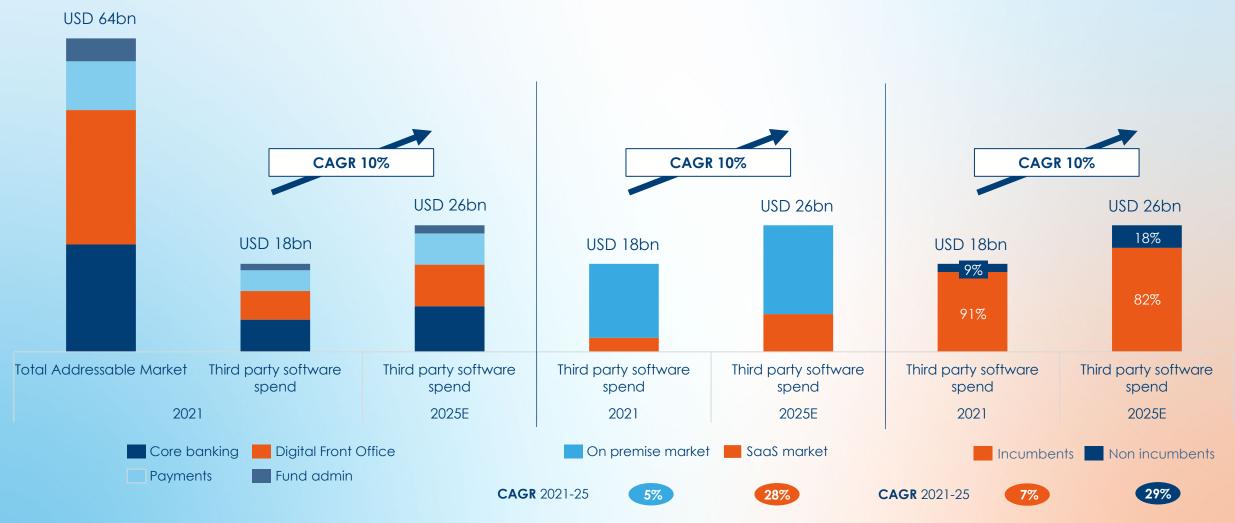




Includes only the spend addressable by Temenos with the current product portfolio.

Total spend, including horizontal solutions (e.g. ERP, CRM)

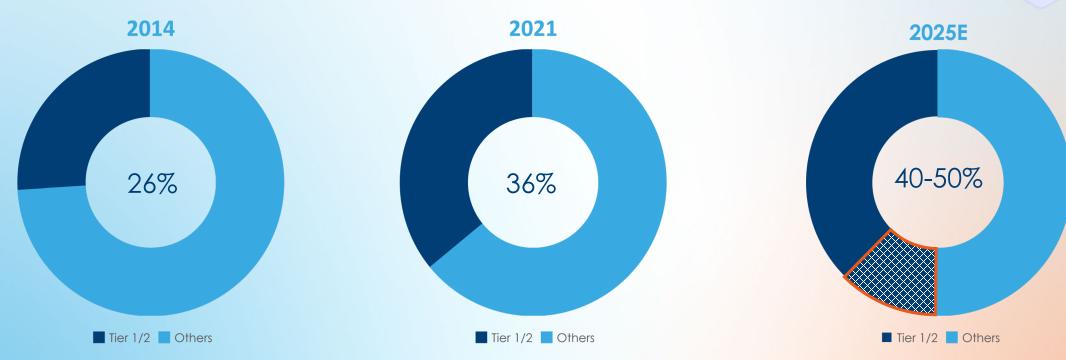
Sizeable and fast-growing addressable market



Building momentum with tier 1 and 2 clients



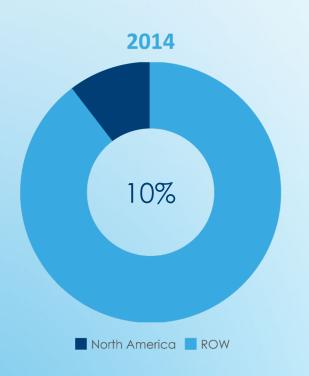
Non-IFRS total software licensing revenues by client tier



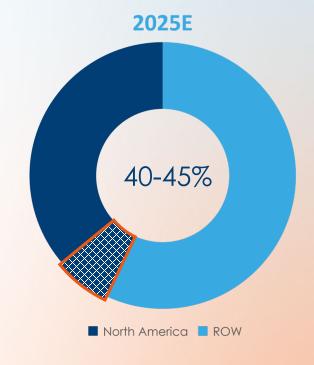
Building momentum in North America



Non-IFRS total software licensing, North America vs. Rest of World







Future Reporting - Subscription

Total Software Licensing (old)	Total Software Licensing (new)
+ License revenue	+ Term & Perpetual License revenue
+ SaaS	+ Subscription
	+ SaaS
= Total Software Licensing revenue	= Total Software Licensing revenue

ARR (old)	ARR (new)
+ Term & Perpetual Maintenance	+ Term & Perpetual Maintenance
+ SaaS	+ Subscription
	+ SaaS
= Annual Recurring Revenue	= Annual Recurring Revenue

Focused Guidance Metrics

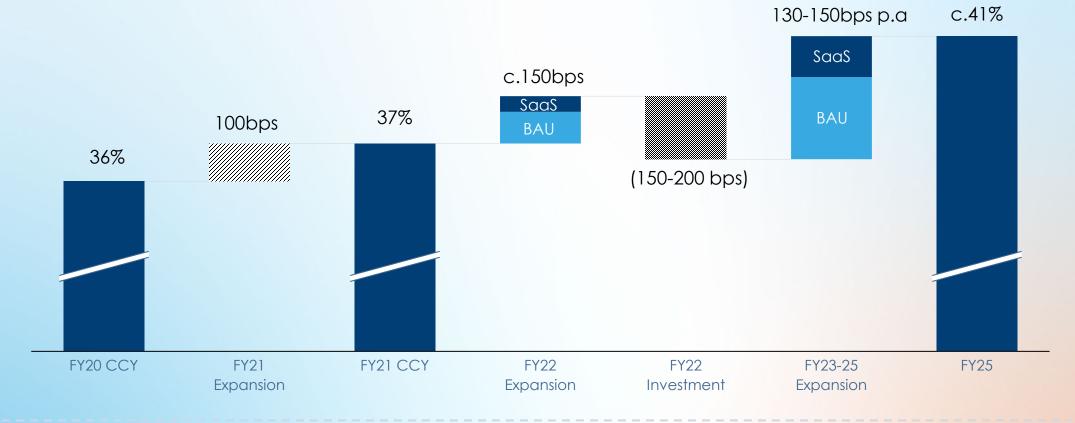
KPI	Reporting	Annual Guidance	2025 Targets (absolute / CAGR)
SaaS ACV	✓		
Total Bookings	\checkmark		
ARR	\checkmark		
Total Software Licensing	\checkmark	\checkmark	\checkmark
Total Revenue	\checkmark	\checkmark	\checkmark
EBIT	\checkmark	\checkmark	
Operating Cash Conversion	\checkmark		
Free Cash Flow	\checkmark	~	
Recurring Revenue	\checkmark		
DSO	\checkmark		
Tax Rate	\checkmark		

Medium Term Targets

Mid-term Guidance	2020 (CCY)	2021 (CCY)	Medium Term Targets	Previous guidance
ARR	494	553	20-25% CAGR 2021-25 c.USD1.3bn of ARR by 2025	>=15% CAGR 2020-25
Total Software Licensing	356	414	15-20% CAGR 2021-25	15-20% CAGR 2020-25
Total revenue	900	962	10-15% CAGR 2021-25	10-15% CAGR 2020-25
EBIT margin	35.9%	37.1%	c.41% by 2025	c.41% by 2025
FCF	297	358	10-15% CAGR 2021-26 to reach >USD600m by 2026	>=15% CAGR 2020-25 to reach >USD600m

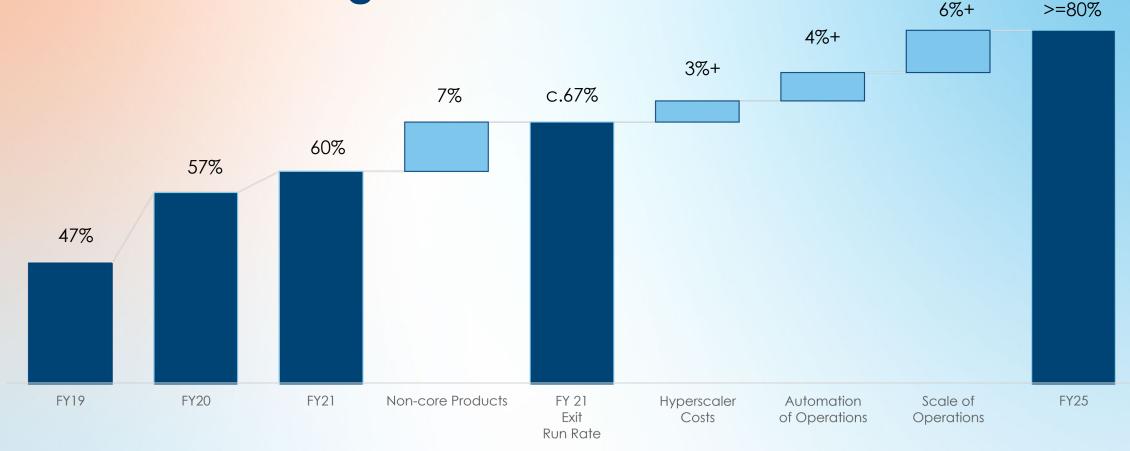
Targets are non-IFRS. Tax rates estimate: FY22 guidance at 18-20%, 19.5-21.5% for FY23-25

EBIT Margin % expansion



- After years of margin expansion (FY14-21 averaging >100bps p.a.), FY22 represents a year of investment (e.g. wage inflation, variable cost increases such as travel)
- FY23-25 resumption of margin expansion trajectory

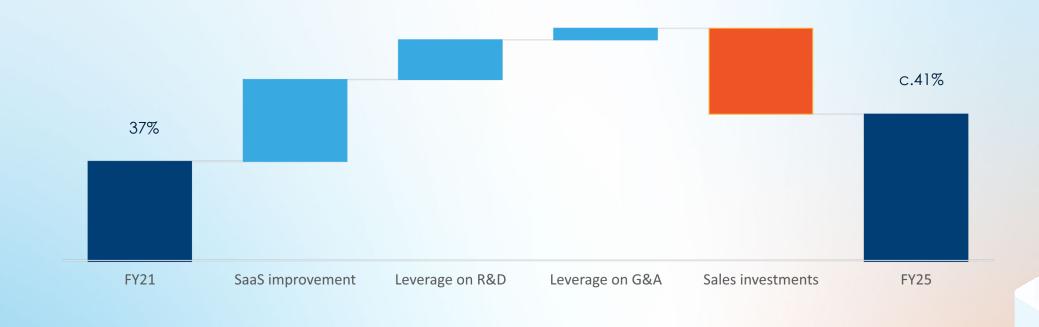
SaaS Gross Margin % evolution



- Hyper-scalers: unit costs to reduce as volumes increase
- Automation to drive significant efficiencies in operation centres
- Operations optimised into centralised offshore function with local hubs to provide "follow the sun" service and drive economies of scale



Drivers of non-IFRS EBIT margin evolution



- On-Premise and services gross margin to remain constant
- SaaS Gross Margin to expand to at least 80%
- Continued leverage of R&D and G&A infrastructure
- Sustained investments in Sales & Marketing



Disciplined capital allocation (2015-2021)



Targeted acquisitions for USD1.2bn+ and returned c.USD1bn to shareholders

Using M&A to accelerate organic growth

Date		Price (m)	Capabilities
Sep 19	kony.	\$560	US scale, digital banking and low code development, cloud operations excellence
Jul 19	logicalglue	£12	Explainable AI expertise across all products
Feb 19	ANTRUNK	N.D.	Data lake capabilities
Dec 18	AVOKĂ	\$245	Digital front office, cloud operations excellence
Feb 17	Rubik	\$50	Core banking, wealth management, scale in Australia
Mar 15	MULTIFONDS® Building success	\$260	Fund and securities
Feb 15	alcelerant [°]	\$55	Core banking, analytics, US credit union expertise

15-20% EBIT contribution over 6 years from USD1.2bn of M&A

A three-pronged approach to M&A to accelerate organic growth







Driving shareholder value through accelerating growth

A sizeable and fast growing market that is changing rapidly

Temenos is a leader across all client types, incumbent and non-incumbent

Single code base drives higher margin, competitive edge and profitable growth

Move to subscription will further accelerate our growth

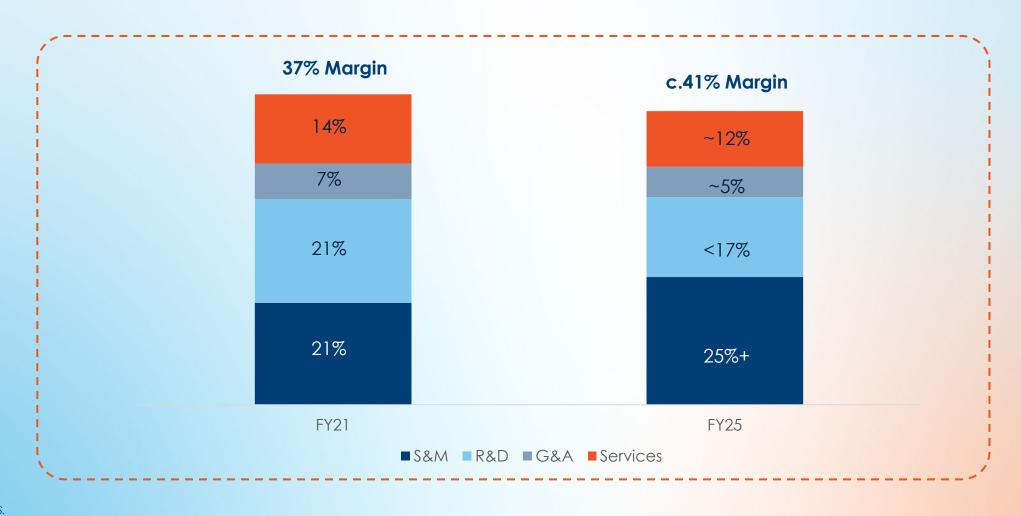
Appendix

TEMENOS

Capital Markets Day

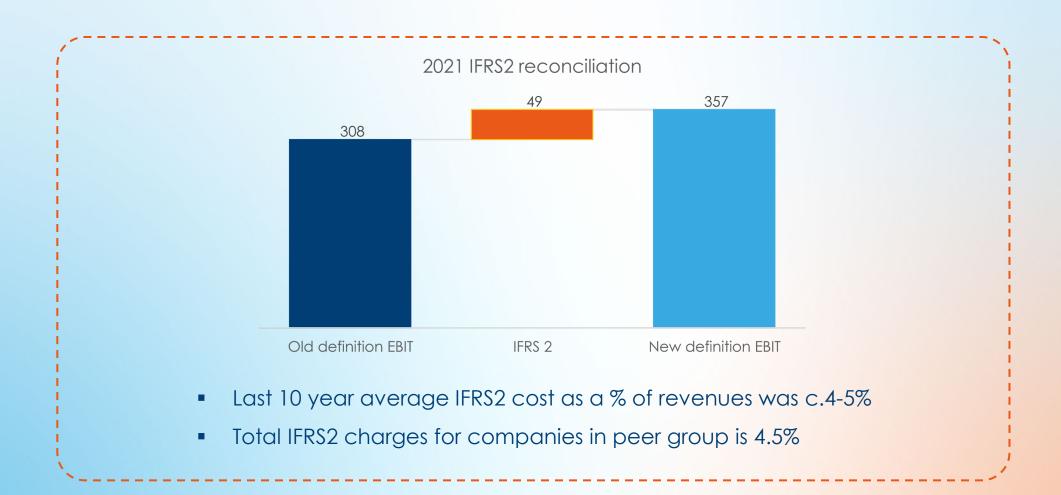


Key cost lines as a percentage of revenue



Note: Non-IFRS.

Non-IFRS EBIT reconciliation



Thank You

