SAP - Leading the Digital Transformation

Fifth German Corporate Conference, Goldman Sachs, Berenberg Bank September 19, 2016, Munich Luka Mucic, CFO

Safe Harbor Statement

Any statements contained in this document that are not historical facts are forward-looking statements as defined in the U.S. Private Securities Litigation Reform Act of 1995. Words such as "anticipate," "believe," "estimate," "expect," "forecast," "intend," "may," "plan," "project," "predict," "should" and "will" and similar expressions as they relate to SAP are intended to identify such forward-looking statements. SAP undertakes no obligation to publicly update or revise any forward-looking statements. All forward-looking statements are subject to various risks and uncertainties that could cause actual results to differ materially from expectations. The factors that could affect SAP's future financial results are discussed more fully in SAP's filings with the U.S. Securities and Exchange Commission ("SEC"), including SAP's most recent Annual Report on Form 20-F filed with the Securities and Exchange Commission. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of their dates.

SAP is running the world's mission-critical business processes

76% of the world's transaction revenue touches an SAP system

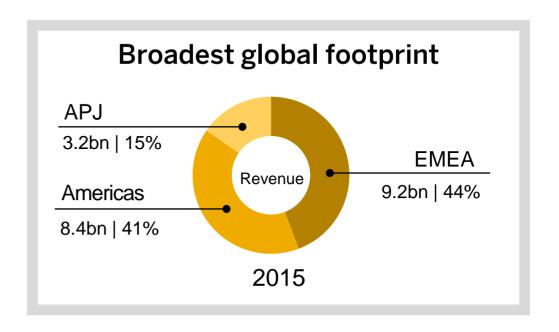
SAP touches \$16 trillion of consumer purchases around the world

SAP customers distribute more than 78% of the world's food

SAP customers produce more than 82% of the world's medical devices

SAP's brand value ranked #22 of top 100 worldwide¹⁾

Among the **top 100** companies worldwide by market capitalization



¹⁾ Source: MillwardBrown 2016 BrandZ Top 100 Global Brands

For over 40 years, SAP has turned technological change into customer value

Business software & online processing

Globalization & mainframe computing

Internet & clientserver technologies In-memory & cloud computing

SAP R/1:

Enabled customers to get a complete view of their business with realtime processing of data across integrated modules for materials, procurement, and accounting.

SAP R/2:

Helped customers successfully manage large global enterprises on a mainframe architecture, while retaining the integration and real-time processing capabilities of SAP R/1.

SAP R/3 and SAP FCC:

Enabled customers to take advantage of clientserver and internet technologies. Created a unified graphical user interface and new functional components.

SAPS/4HANA:

Helps customers thrive in the New Digital Economy. We are now focused on eradicating complexity and running live with our in-memory database technology SAP HANA and cloud computing.

1972

1982

1992

2015

SAP will continue to drive business value – fueled by three powerful trends affecting all businesses in all industries

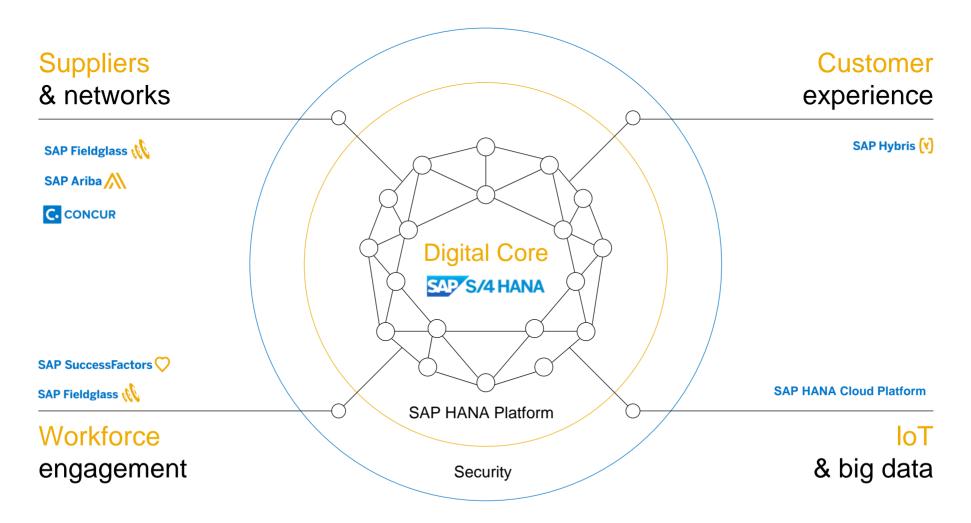
Cloud computing

In-memory database

Hyper-connectivity

Innovations **Business value** Software-as-a-service Substantial economies of scale Easier consumption of software Platform-as-a-service Lower barriers to entry Benefits of IT spread more widely Infrastructure-as-a-service Instant insight and decision-making Big data analytics based on "live" data Machine learning & Reduced operational expenses driven artificial intelligence by new wave of automation Internet of Things New business models Network marketplaces Improved business processes Reduced risks and costs Online platforms Mobile devices Multiple new ways in which companies can interact with their stakeholders Social media

Only SAP can help businesses implement their digital strategy



Companies can now run real time – based on a holistic view of the organization, instant insights, and predictive analytics



Total transparency

- Get a 360° view in real time
- Visualize insights in context
- Align on one source of truth

Instant insights

- Answer ad-hoc questions on-the-fly
- Analyze root causes
- Simulate impact of decisions

Simplified boardroom processes

Reduce preparation time and effort

For a demo, visit https://www.youtube.com/ watch?v=ofq7ygnWpbw



2016 outlook and long-term ambitions

2015^{*}

2016 guidance** 2017 ambition* 2020 ambition*

Cloud subscriptions	€2.30bn	€2.95 – €3.05bn	€3.8 – €4.0bn	€7.5 – €8bn
Cloud & Software	€17.23bn	+6% to +8%		
Total revenue	€20.81bn		€23bn – €23.5bn	€26bn – €28bn
Share of more predictable revenue	60%		63% to 65%	70% to 75%
Operating profit	€6.35bn	€6.4 – €6.7bn	€6.7 – €7.0bn	€8 - €9bn

^{*} All numbers non-IFRS

^{**} All numbers non-IFRS and at constant currency

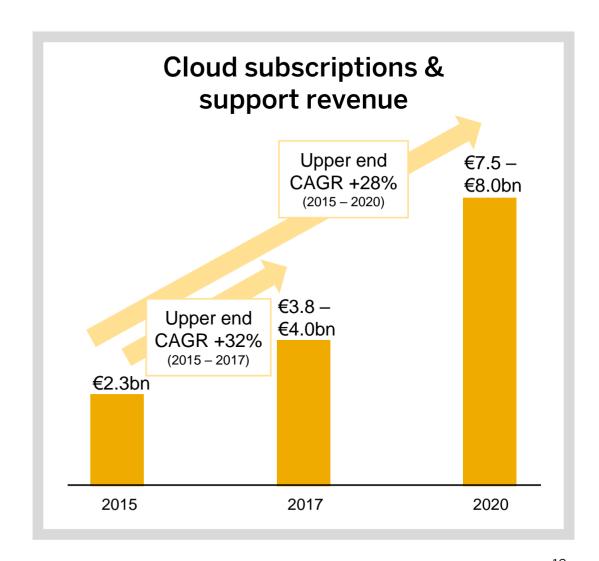
SAP continues to grow its cloud business rapidly

Well-positioned for strong growth in the cloud

- Broadest portfolio of best-in-class cloud offerings (SaaS offerings for LoB, CEC, and HCM solutions, business network solutions, early HEC traction)
- Extremely synergistic to SAP S/4HANA, providing tremendous cross and upsell opportunities
- Continued solid growth in New Cloud Bookings in Q2 2016
- Combination of backlog and deferred revenue indicates continued strength in contractually committed future cloud subscriptions and support revenue

High growth sustained through additional drivers

- Upscaling of SaaS offerings
- Expanding Concur internationally
- Expanding HEC and fostering a strong ecosystem (laaS)
- Enhancing S/4HANA cloud editions (public & private)
- Refining the Digital Enterprise Platform (BusinessObjects Cloud, SAP HANA Cloud Platform, IoT Platform) (PaaS)



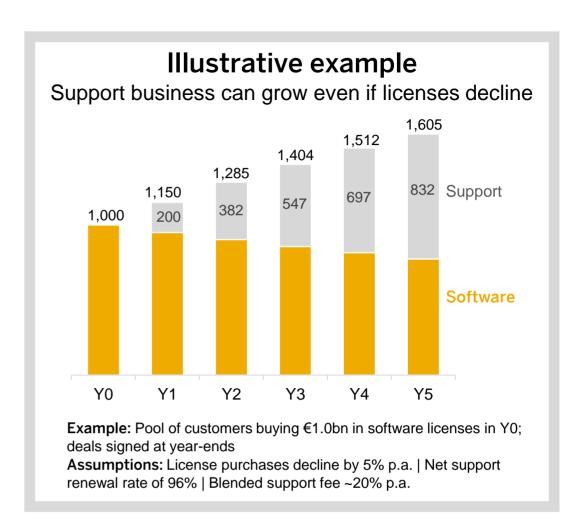
Our core business remains rock solid

Software licenses revenue

- SAP S/4HANA innovation cycle catalyzes growth across SAP's innovation portfolio and strategic industries
- Certain solution areas e.g. HCM, Procurement, CEC, T&E¹⁾ –
 are rapidly shifting to the cloud
- SAP S/4HANA now available as cloud subscription option
- 2016 outlook implies flattish license performance

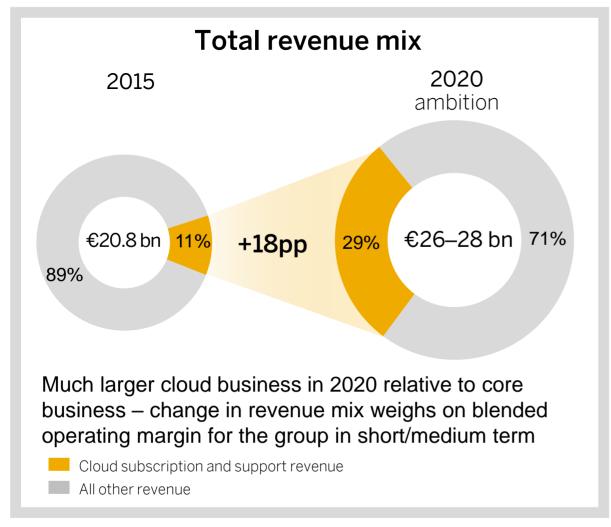
€10 billion+ support revenue base – and growing

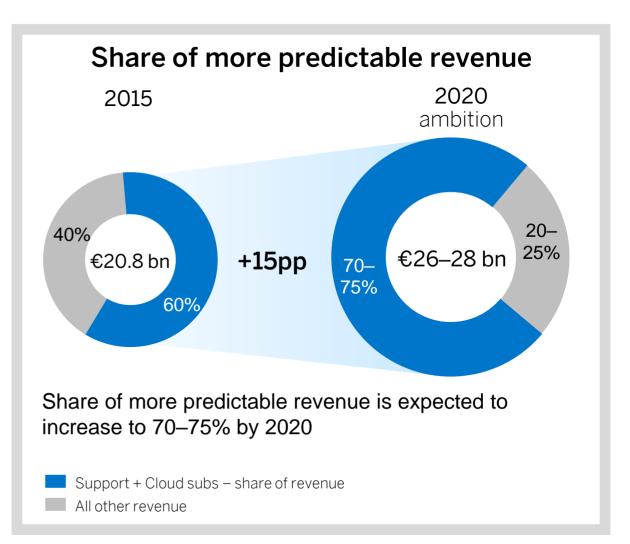
- Very high renewal rates (~97%)
- Net support renewal rate is ~96%, reflecting well-received cloud conversion options and very large customers qualifying for PSLE (Product Support for Large Enterprises)
- The blended support fee across the entire support customer base is ~20%



1) HCM – Human Capital Management, CEC - Customer Engagement & Commerce, T&E – Travel & Expense

SAP is pushing towards a larger, stickier, more predictable business

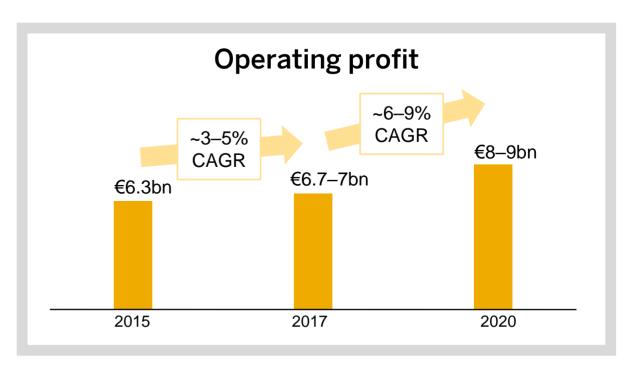




Expanding absolute operating profit which drives operating cash flow

- Revenue mix shift means that managing to a blended group margin would discriminate against our fast growth businesses
- SAP is improving effectiveness and efficiency in each and every business, which all contribute to absolute operating profit growth
- Continued transformation of our services business shift towards a stronger focus on customer outcome which drives higher adoption and renewals
- Expected 2016 hiring similar to 2015 to fuel our innovation engine

 Operating cash flow expected to show a positive trend in 2016 – following operating profit evolution and helped by lower restructuring related cash outflows



→ Targeting accelerated operating profit expansion in 2018 and beyond

Summary - Why invest in SAP

SAP's innovation leadership is helping customers win in the digital economy

- SAP runs the world's mission-critical business processes and is perfectly positioned at the top of the IT stack – close to the end user where the business value is generated
- In addition, SAP has developed the most advanced in-memory platform available today: SAP HANA
- Based on SAP's groundbreaking new architecture, SAP is in the early stages of a powerful multi-year innovation cycle with SAP S/4HANA as the digital core coupled with the most comprehensive, best-in-class cloud & network portfolio
- Only SAP offers customers choice of deployment model (cloud, on premise or hybrid) and seamless integration

SAP is outpacing the market in topline and bottom-line growth

- SAP's broad global footprint provides resilience in an uncertain world
- Powerful combination of a rapidly expanding cloud business and a growing core
- Successful business transformation improve efficiency and effectiveness in each and every business
- Growing overall operating profit even as we continue to hire in fast growth areas such as S/4HANA, HCM, CEC, HCP (PaaS), Networks

SAP is pushing relentlessly towards a much more predictable business in the long term