# **Deloitte.** Digital

OCTOBER 2020

### Digital Banking Maturity 2020

How banks are responding to digital (r)evolution?



#### **Digital Banking Maturity** identifies champions and leading practices worldwide

Covering 318 banks from 39 countries, DBM analyses digital retail banking in 3 channels, based on an outside-in 'mystery shopper' assessment of digital functionalities, customer needs research and UX evaluation.

#### Covid-19 has changed banking and fast-tracked development of digital channels

60% of banks have closed or shortened opening hours of branches but many have also implemented new digital features, such as fully digital processes, e.g. account opening (34%), remote identification & verification (23%) and contactless payments (18%).

#### **Digital champions** outperform peers on the basis of cost/income and ROE

Digital champions don't only lead their peers in number of digital functionalities along the customer journey, those that are incumbents outperform other incumbents in their country on average on both C/I (-4.0 p.p.) and ROE (+1.9 p.p.).

#### Banks still need to close gaps in E2E digital sales processes to better serve online customers

Digital champions are investing in E2E digital sales processes and have widened their lead on latecomers for key products, e.g. 51% vs 23% for current accounts, 85% vs 34% for credit cards, and 84% vs 30% for cash loans.

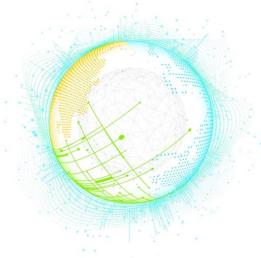
#### Challengers tend to be faster than incumbents to adopt new trends and innovations

New functionalities typically gain traction faster with challenger banks than incumbents, e.g. bill split 27% vs 2%, virtual debit card 26% vs 2%, chatbots with advanced use cases 15% vs 4%, chatbots allowing transactionality 12% vs 2%.

#### Digital champions know UX is a key differentiator driving customer satisfaction

65% of digital champions ranked in the top 10% for analysed UX scenarios. The largest gaps between champions and latecomers are in opening an account 71% vs 23%. buying an insurance product 44% vs 7% and beyond banking service 48% vs 11%.





### **DBM 2020**

Digital Banking Maturity 2020 is the 4<sup>th</sup> edition of the largest global benchmarking of digital retail banking channels, answering what leaders are doing to win in the digitalization race.

#### LIVING IN THE NEW NORMAL

How are banks responding to challenges caused by the Covid-19 pandemic?

#### ABOUT THE STUDY

How to identify *Digital champions* worldwide to learn from them?

#### INSIGHTS FROM DIGITAL LEADERS

Where are *Digital champions* ahead and where are they investing now for the future? Which innovations are gaining traction globally?

#### STATE OF UX

Where can banks most improve UX along the digital customer journey?

#### STRATEGY FOR THE FUTURE

How are digital investment priorities influenced by the local competitive landscape?



### 2020 brought a number of challenges for banks, fast-tracking digital (r)evolution

Illustrative

#### **Social lockdowns**

"Coronavirus: Digital banking is no longer optional"

April 14th, Euromoney

"41% of employees

likely to continue

remote working

after pandemic"

April 15th, Gartner

**Remote working** 

#### Loan defaults

"World's Banks **Brace for Rise in** Loan Defaults"

April 17<sup>th</sup>, US News

#### Interest rates reduction

"Negative Interest Rate May Not Help In **Economic Recovery** From COVID-19"

May 19<sup>th</sup>, Forbes

#### **Profitability hurdles**

"Banks may not be profitable until 2025 even as major economies recover"

May 22<sup>nd</sup>, Business insider

June

#### **Global recession forecasts**

"World Bank forecasts worst recession in eight decades on COVID-19"

June 8th, BNN Bloomberg

2020

April

May

"Coronavirus: will call centre workers lose their 'voice' to AI?"

April 22th, Financial Times

**Process automation** 

"'Phygital': a banking strategy for the new isolation economy"

> June 5<sup>th</sup>, World Economic Forum

**Branches remodelling** 

"COVID speeds up digital banking revolution in 10 weeks not five years"

June 8th, The Sydney Morning Herald

**Digitalization fast track** 

**Customer preferences changes** 



**Revenue compression** 



**Operating model transformation** 

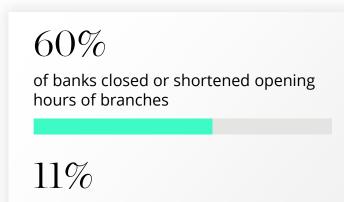




## Covid-19 related restrictions triggered immediate actions from banks

#### LIMITATIONS DUE TO COVID-19

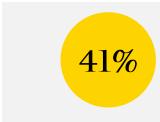
#### NEW FUNCTIONS IMPLEMENTED DUE TO COVID-19



of banks turned-off selected methods of account opening

6%

of banks suspended account openings or limited access to products for new clients



of banks increased limit of contactless payments



of banks implemented **fully digital processes** (product opening etc.)





of banks enabled donations to NGOs, social actions etc.



of banks introduced digital ID&V methods



of banks launched contactless payment methods



<sup>1.</sup> Survey conducted in June-August 2020 in 'mystery shopper' assessment on a sample of 256 banks participating in 2020 edition.

<sup>5 |</sup> Copyright © 2020 Deloitte Central Europe. All rights reserved.

### **Digital Banking Maturity** is a global accelerator helping banks respond to change

Digital Banking Maturity is the biggest global digital banking study, providing a comprehensive outside-in 'mystery shopper' assessment of retail banks' digital channels and furthering discussion about future developments.



Customer journey





# With the $4^{th}$ edition, we are able to identify key digital trends shaping the banking industry









#### **2016 - Poland**

Thought leadership material for European Financial Congress

#### 2017 – Central Europe

Covering 15 additional CE countries and 100 banks

#### **2018 – EMEA**

From one country to 38 in just 2 years to become pioneers in assessing banks' digital appetite

#### **2020 - Global**

Biggest global digital banking study with 4<sup>th</sup> edition, allowing for analysis of key trends among banks worldwide



### Our global reach allows us to discover digital leaders and map digital frontiers





# In order to compare digital maturity between banks we assessed three components

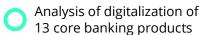


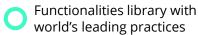
#### **FUNCTIONALITIES BENCHMARKING**

Analysis of 1108 digital functionalities through 'mystery shopper' approach on real retail current accounts in each bank.



Assessment of 6 customer journey steps







#### **CUSTOMER NEEDS RESEARCH**

Survey-based research focused on identifying 26 most important banking activities and preferred channels (branch, Internet, mobile).



Customer preferences between channels in terms of most common banking activities



#### USER EXPERIENCE STUDY

Supplementing analysis of customers perception of user experience.



19 UX scenarios reflecting 10 areas of customer activity from all of the stages of relationship with a bank



UEQ survey covering a comprehensive impression of UX of mobile apps

#### DBM BENCHMARK

An exhaustive overview of digital maturity between banks

#### UX ASSESSMENT

Assessment of digital banking channels from customer experience perspective



# We analysed 1100+ functionalities to track the customer journey focusing on day-to-day banking and expanding relationship

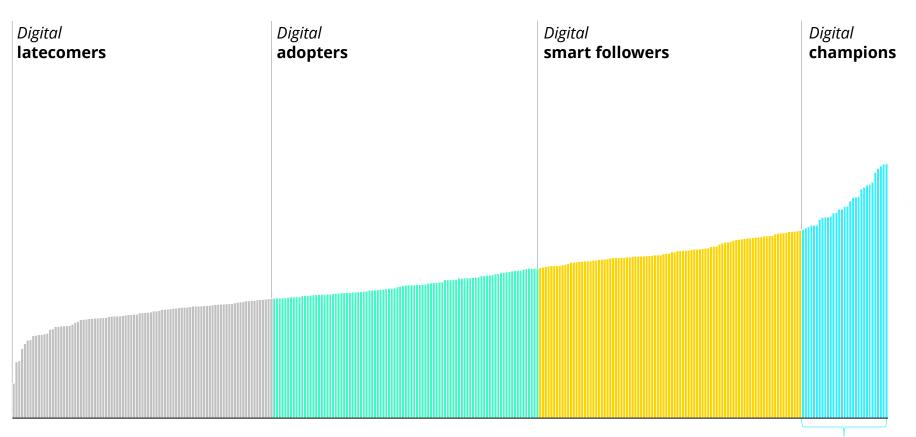
# of benchmarked functionalities 25 56 498 454 **Information** End Customer Day-to-day **Expand** Account gathering onboarding banking relationship relationship opening Availability of Opening process Channels Account & product Product x-sell Account closing information accessibility (basic)1 management Guidance for new Product x-sell Authorization (complementary)<sup>2</sup> users Card management Bancassurance Customer support Investment services Personal finance management **Beyond Banking** Transfers and Ecosystem and payments account aggregation



Product x-sell (complementary) includes: car loan, mortgage, currency account, saving account, term deposit, private banking account.

### Our approach splits global banks into four groups

DBM index<sup>1</sup>



#### 1. DBM index measures maturity for channels and products offered by a bank. Data for 313 out of 318 banks which participated in 2020 edition.

#### Defined as Top10% of banks<sup>2</sup>

### What defines *Digital* **champions?**

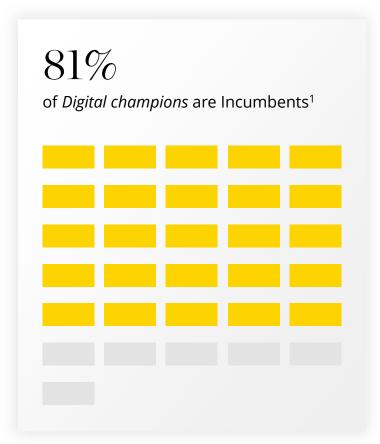
Digital champions offer a wide range of functionalities relevant for customers and a compelling user experience.

Digital champions set **key digital trends** and have **leading market practices**,
which makes them examples
to learn from.



Selection of 31 banks defined as Digital champions.

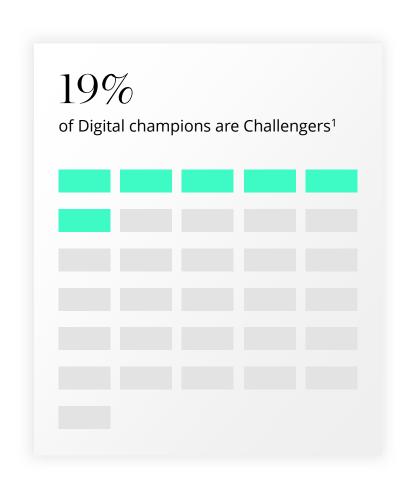
### Incumbent *champions* achieve better C/I (-4.0 p.p.) and ROE (+1.9 p.p.) on average than incumbent peers



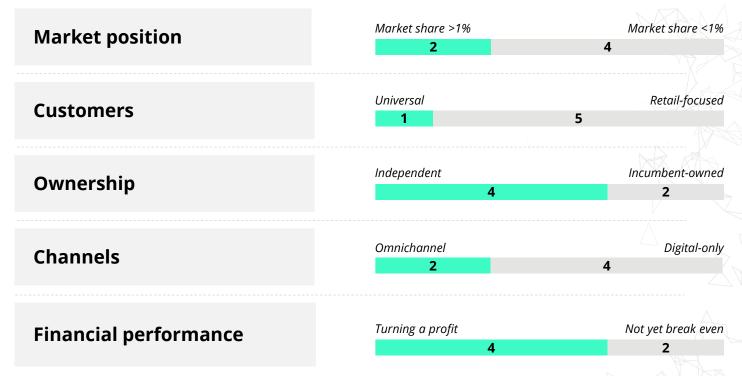
Selected KPIs of incumbents: average difference to incumbent peers<sup>2</sup>, p.p. 1,9 p.p. ROE **ROA** Cost/income -4,0 p.p.



### Most challenger bank champions remain retail focused, small and digital only

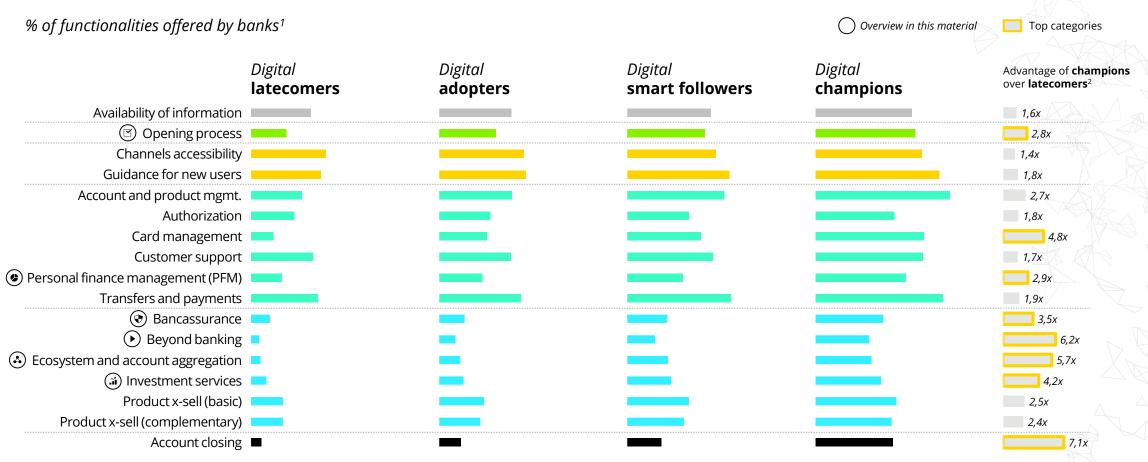


Selected characteristics of Challengers, # of banks





### Along the customer journey, champions lead the way especially in expand relationship...



Data for 313 out of 318 banks which participated in 2020 edition.

Ratio of functionalities % between Digital champions and Digital latecomers score.











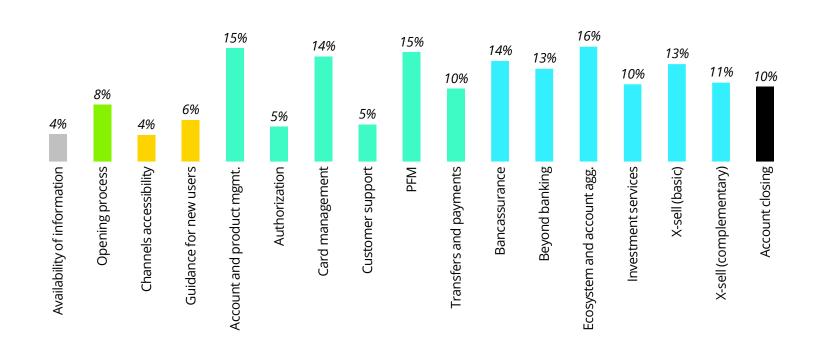




### ...which, together with products & personal finance management, was the key investment priority in the last 2 years of champions

#### Digital champions increase in advantage over peers

difference between % of functionalities in 2018-2020 between Digital champions and others, p.p.



Where have Digital champions gained the biggest advantage over peers in the last 2 years?

**Expand relationship** functionalities (avg. 13 p.p. advantage) has been a top priority for Digital champions, especially partnership ecosystem and account aggregation (16 p.p. advantage). Champions have also widened their lead over other banks in account and product management (15 p.p.) and **PFM** (15 p.p.).

Based on the data for 152 banks which participated in 2018 and 2020 edition.













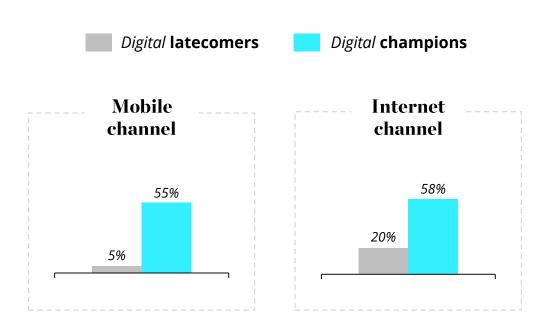




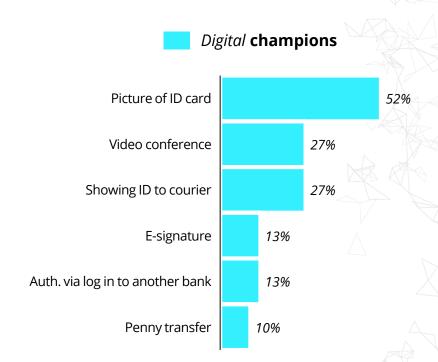
# The mobile channel is as important as internet for *champions* in account opening

% of banks offering end-to-end current accounts (CA) opening method<sup>1</sup>

% of banks offering remote CA opening methods<sup>1</sup>



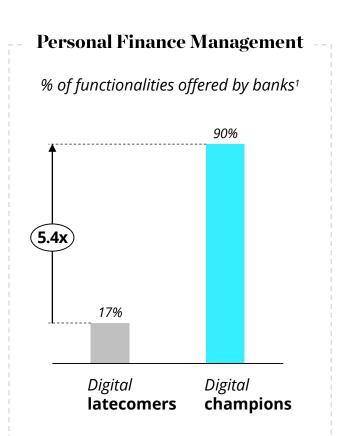
End-to-end current account opening



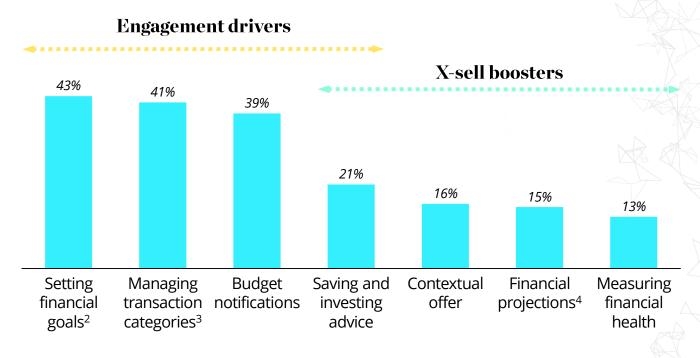


<sup>1.</sup> Data for 31 banks classified as Digital champions and 93 banks classified as Digital latecomers which participated in 2020 edition.

# Champions deliver much more value-added PFM thanks to engagement drivers and x-sell boosters



% of Digital champions offering given functionalities<sup>1</sup>



<sup>.</sup> Data for 31 banks classified as Digital champions and 93 banks classified as Digital latecomers which participated in 2020 edition.



<sup>2.</sup> Average for setting and tracking savings goals, setting own financial goals, setting savings goals events and notifications.

<sup>3.</sup> Average for automatic categorization, manual change of categories, learning categorization system, adding own categories, adding and changing rules of categorization, transaction split.

<sup>.</sup> Average for estimation of upcoming expenses and short-term cash flow projections.

% of banks offering given functionality<sup>1</sup>

# Ecosystems are widespread among champions but the introduction



**Digital latecomers** 



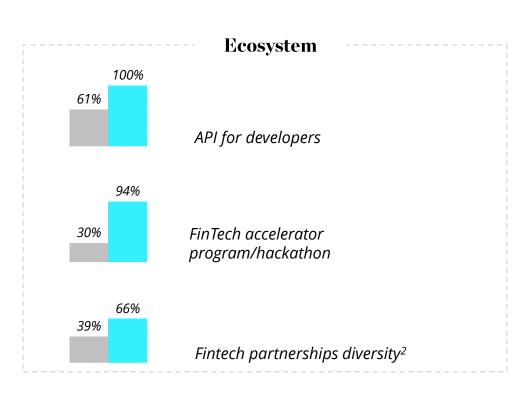


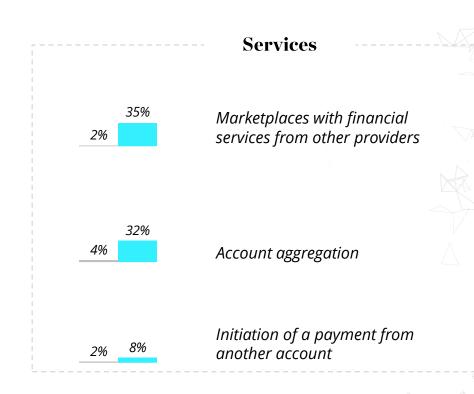












Digital champions



Data for 31 banks classified as Digital champions and 93 banks classified as Digital latecomers which participated in 2020 edition.

Average score for 29 banks classified as Digital champions and 42 banks classified as Digital latecomers which have any type of Fintech partnership. Bank with 100% score has 6 types of partnership.

## The most common areas of FinTech partnerships are payments and authorisation

% of banks with FinTech partnership by area1



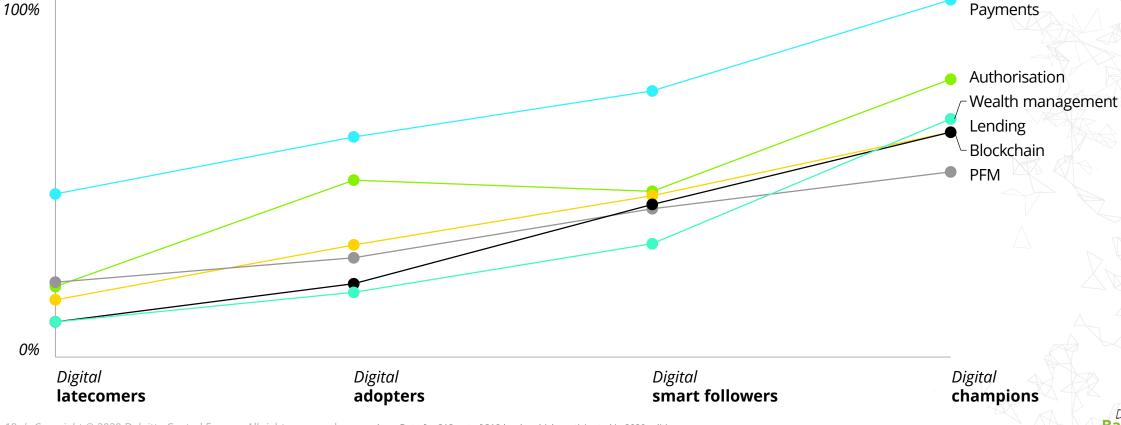






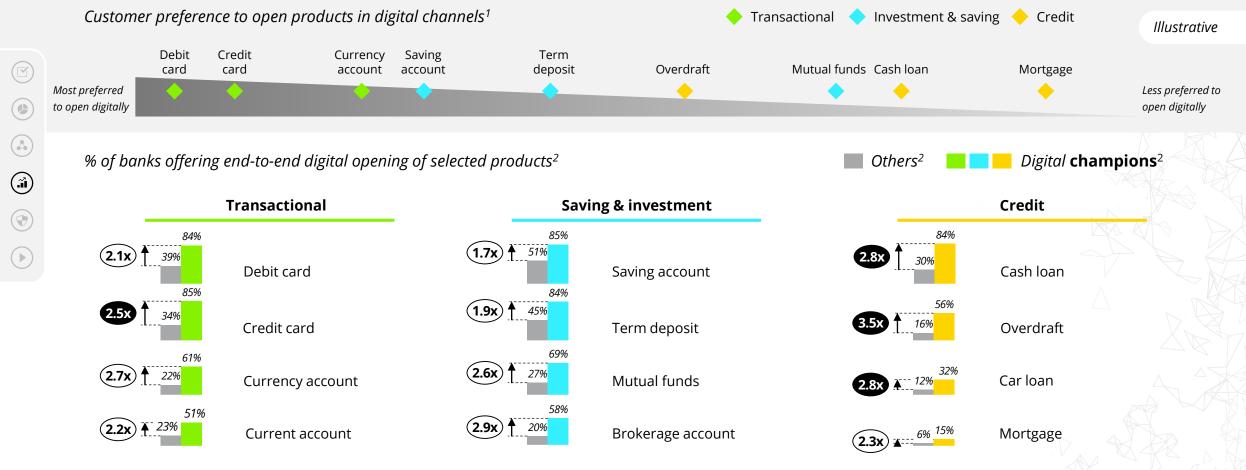








# Customers prefer digital channels for transactions & savings whereas leaders are building an advantage in credit products





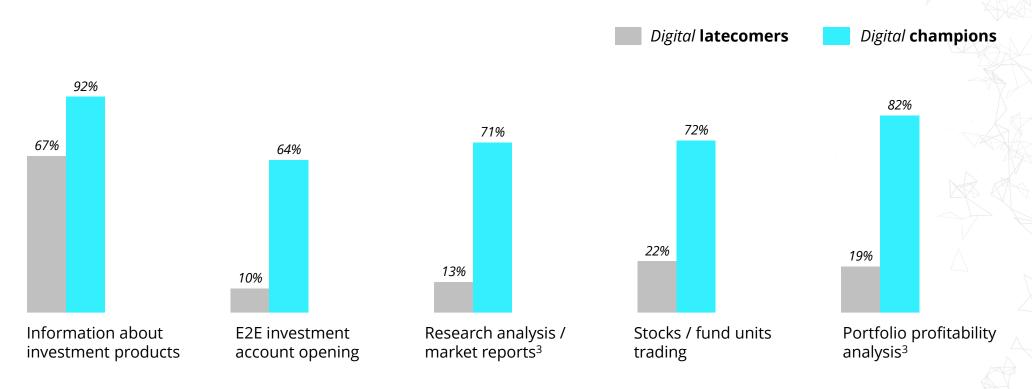
Customer research (CAWI) covered 4 900 respondents, mainly urban affluent, from 33 out of 39 benchmarked markets.

Data for 313 out of 318 banks which participated in 2020 edition, including 31 champions and 282 other banks.



# In a low interest rate environment, *champions* are well prepared to offer customers fee-generating investment products

% of brokerage account & mutual funds<sup>1</sup> functionalities offered by banks<sup>2</sup>



<sup>1.</sup> Average results for Brokerage account and Mutual funds.

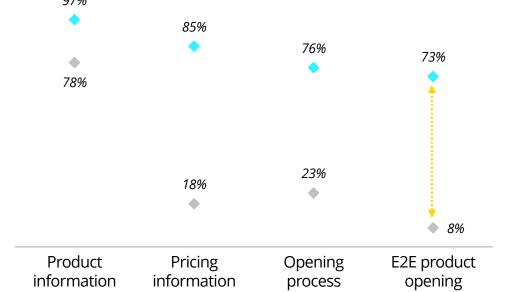


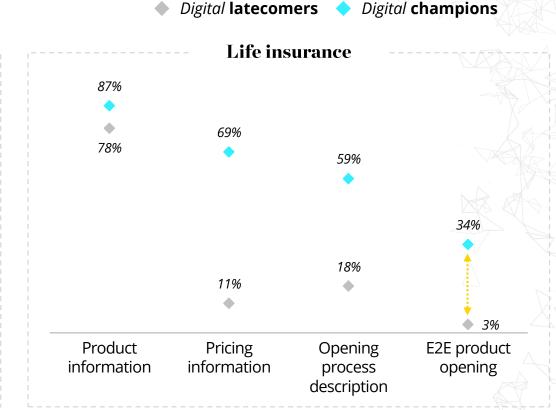
Data for 31 banks classified as Digital champions and 93 banks classified as Digital latecomers which participated in 2020 edition.

Data for Saving & Investment products.

### E2E digital sales of non-life insurance is relatively well developed whereas life insurance still requires human interaction

% of banks offering given functionalities<sup>1</sup> Non-life insurance 97% 85% 76% 73% 78%





Data for 31 banks classified as Digital champions and 93 banks classified as Digital latecomers which participated in 2020 edition.

description

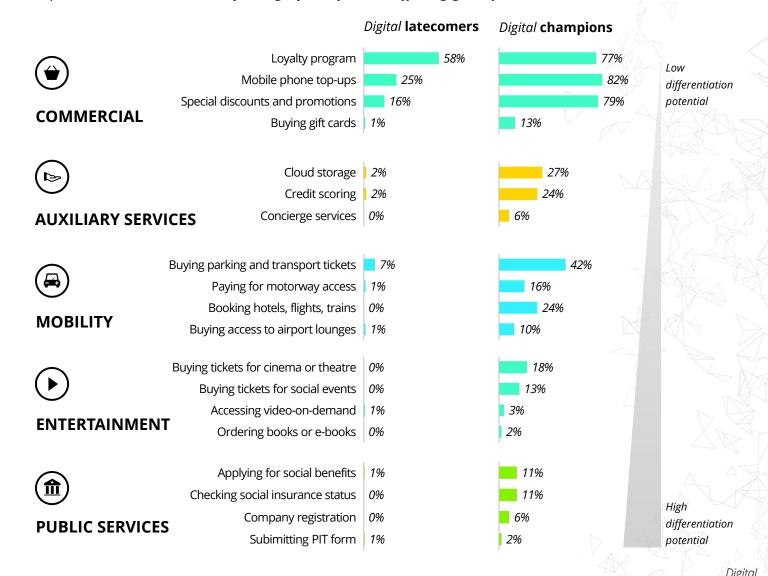


# Value added services are another source of significant differentiation for *champions*

Value added services do not yet play a critical role in the customer value proposition but they differentiate banks from traditional banking services and thus can be leveraged as acquisition hooks.

In the world of low interest rates, banks seek a shift from interest income to fee-based non-interest revenue. Beyond banking services can help banks that successfully monetize VAS potential.

#### Top4<sup>1</sup> value added services by category, % of banks offering given functionalities<sup>2</sup>











Data for 313 out of 318 banks which participated in 2020 edition.
 Data for 31 banks classified as Digital champions and 93 banks

Data for 31 banks classified as Digital champions and 93 banks classified as Digital latecomers which participated in 2020 edition.

# Challenger banks are differentiating themselves versus incumbents by adopting innovative customer-focused functionalities

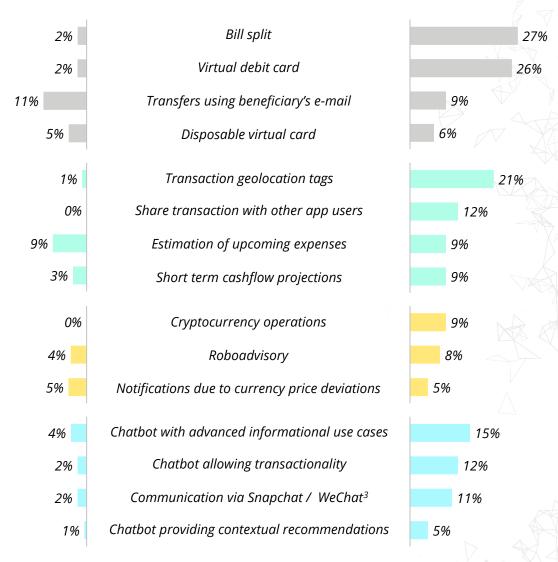
% of banks offering given functionality<sup>1</sup>

- Transfers and payments
- PFM
- Investment services
- Customer support
- Data for 280 banks classified as Incumbents and 33 banks classified as Challengers which participated in 2020 edition.
- 2. With global threshold of 10% for rare features.
- Communication via other social media platforms benchmarked (You Tube, Twitter, LinkedIn, Instagram) had a much higher global adoption level than 10% (ranging from 82% - 95%)



### Selected innovative functionalities<sup>2</sup>



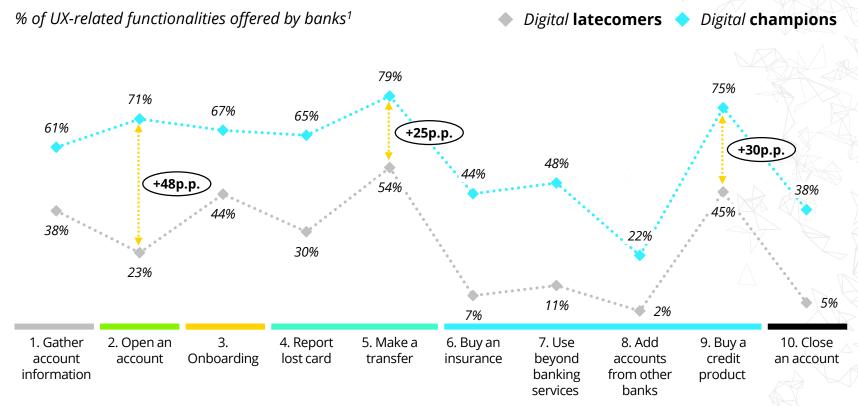




# Champions deliver the best UX in account opening, transfers, and buying a credit product

# User experience along the customer journey

A global assessment of 19 user scenarios reflecting 10 areas of customer activity provides insight into the development of UX along the customer journey



<sup>1.</sup> Data for 31 banks classified as Digital champions and 93 banks classified as Digital latecomers which participated in 2020 edition. UX score based on 209 unique functionalities. 65% of Digital champions have been classified in top 10% of banks by UX score.









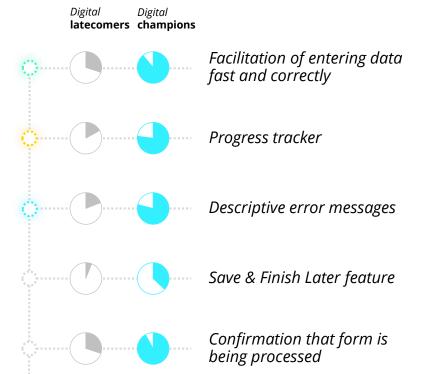


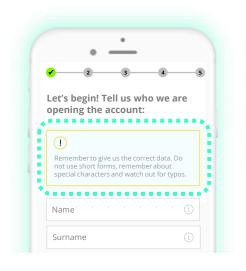


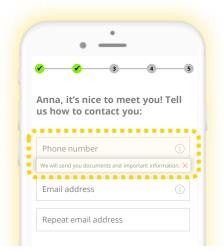


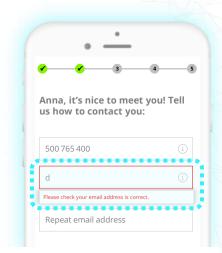
### Providing customers with guidance and positive UX during account opening is essential to make a positive first impression

Selected functionalities along UX scenario: Open an account, % of banks offering given functionalities<sup>1</sup>









Facilitation of entering data fast and correctly

Progress tracker

Descriptive error messages

1. Data for 31 banks classified as Digital champions and 93 banks classified as Digital latecomers which participated in 2020 edition.









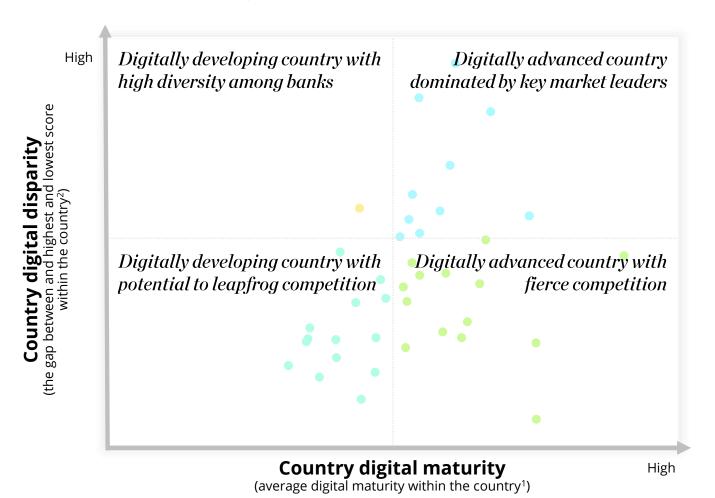






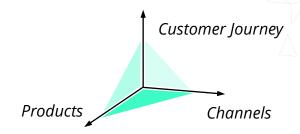
Illustrative

# DBM helps banks understand the digital competitive landscape of their country...



How does DBM provide insight into the *local* competitive landscape?

DBM analyses individual bank positioning in comparison to local competitors across 3 dimensions:







# ...and accelerates digital strategy development from the perspective of three lenses

#### CUSTOMER PREFERENCES

- What's desirable from a customer perspective?
- What needs to be true for users to want, find, consume, and value the solution?
- What channels and UX are most engaging for customers? Do customers keep coming back ('stickiness')?
- What will make customers love us?

#### LOCAL COMPETITION

- What features, products and services should be offered?
- What to implement to catch up with the market or to differentiate over competition?
- What will bring meaningful upside over competitors value proposition?
- Which functionalities can drive acquisition, engagement, monetization?





Competition
Define and
prioritize backlog



Industry trends
Be inspired by
leading practices

A successful digital proposition is desirable, competitive and informed by industry leading practice

### INTERNATIONAL INDUSTRY DIRECTION

- What emerging digital trends are relevant for the local market?
- What international leading practices to adopt to leapfrog local competitors?
- Where are Digital champions investing for the future?
- What innovations are gaining traction globally?
- What partnerships to create to leverage the ecosystem landscape?



### DBM can help both champions and *latecomers* to futureproof their digital strategy

What is a digital ambition workshop?

A dedicated workshop that discusses an individual bank's digital maturity in retail banking channels, competitive positioning and which can help to identify potential digital initiatives, based on gaps to local and global leaders.

For more details, reach out to your <u>local representative</u> on the following slides or <a href="mailto:dbmaturity@deloitte.com">dbmaturity@deloitte.com</a>



#### What's in it for the bank?

We know the digital maturity of retail banking channels

Gain insights into the positioning of an individual bank in comparison to local and global leaders and key gaps.

Outcome: Identification of opportunities and strategic implications based on individual bank's positioning versus peers.

We've identified leading market practices worldwide

Learn more about the latest trends and developments in digital retail banking channels.

Outcome: Introduction to trends, innovations and example use cases with assessment of relevance for the individual bank.

We understand the importance of UX for customers

Examine how UX features and functionalities are helping improve customer satisfaction.

Outcome: Overview of leading UX market practices and identification of key improvement areas from a customer perspective.



### Will you drive the change or be driven by it?

Feel free to reach us for more information:



dbmaturity@deloitte.com



<u>Website</u>





# Michael Wodzicki Partner Strategy and M&A

mwodzicki@deloitteCE.com



#### Daniel A. Majewski

Senior Manager

Digital Strategy

dmajewski@deloitteCE.com



#### **Mark MacRae**

Senior Manager

Strategy and M&A

mmacrae@deloitteCE.com

### Want to know more about the study?

**Contact our local representatives** directly to find out more about the study and the results for your country



#### **Deloitte Digital Banking Maturity - Country Leaders and Managers**





#### ADRIATICS - CROATIA & SLOVENIA

#### Mitja Kumar

Partner

mitjakumar@deloittece.com

#### **Rado Bekes**

Senior Manager

rbekes@deloittece.com



#### BELGIUM

#### Cédric Deleuze

Partner

cdeleuze@deloitte.com

#### **Kasper Peters**

Partner

kapeters@deloitte.com

#### **Yannick Putzeys**

Manager

yputzeys@deloitte.com



#### CANADA

#### **Michael Tang**

**Rohit Dubey** 

Senior Manager

rdubey@deloitte.ca

Partner

mtang@deloitte.ca

#### **Jeffrey Todd**

Partner

jtodd@deloitte.ca

#### John Okoronkwo

Manager

jookoronkwo@deloitte.ca

#### AUSTRALIA

#### Joel Lipman

Partner

ilipman@deloitte.com.au

#### **Clinton Cunningham**

Director

clicunningham@deloitte.com.au



#### BULGARIA

#### Sylvia Peneva

Partner

speneva@deloittece.com

#### **Dimitar Popov**

Director

dpopov@deloittece.com



#### CHILE

#### **Agustin Alcaide**

Partner

aalcaide@deloitte.com

Partner

bsantillanac@deloitte.com

Bianca Santillana

#### **Martin Cabrera**

Partner

mcabreraa@deloitte.com

# Want to know more about the study?

Contact our local representatives directly to find out more about the study and the results for your country



#### **Deloitte Digital Banking Maturity - Country Leaders and Managers**



#### CZECH REPUBLIC

#### Pavel Šiška

#### Štěpán Húsek

Partner

Partner

psiska@deloittece.com

shusek@deloittece.com

#### Eva Bartůňková

Senior Consultant

ebartunkova@deloittece.com



#### GERMANY

#### Jürgen Lademann

Partner

ilademann@deloitte.de

#### Julia Ivanova

Senior Consultant juivanova@deloitte.de



#### HUNGARY

#### **Tamas Schenk**

Andras Fulop

Partner

Partner

tschenk@deloittece.com

afulop@deloittece.com

#### **Daniel Dracz**

Senior Manager ddracz@deloittece.com



#### FRANCE

#### **Julien Maldonato**

Partner

jmaldonato@deloitte.fr

#### **Alice Georget**

Senior Manager <a href="mailto:ageorget@deloitte.fr">ageorget@deloitte.fr</a>



#### GREECE

#### Katerina Glava

Partner

kglava@deloitte.gr

#### **George Gialitakis**

Manager

ggialitakis@deloitte.gr



#### IRELAND

#### **Yvonne Byrne**

Partner

ybyrne@deloitte.ie

#### **Graham Kinsella**

Senior Manager gkinsella@deloitte.ie

#### **David Dalton**

Partner

ddalton@deloitte.ie

#### **Adrian Hayes**

Director

ahayes@deloitte.ie

# Want to know more about the study?

Contact our local representatives directly to find out more about the study and the results for your country



#### **Deloitte Digital Banking Maturity - Country Leaders and Managers**



#### ITALY

#### **Manuel Pincetti**

Partner mpinsottii@doloitto ii

mpincettii@deloitte.it

#### Giovanni Fontanini

Director

gfontanini@deloitte.it

#### **Gianmaria Trapassi**

Partner

gtrapassi@deloitte.it

#### Luigi Capitanio

Director

Icapitanio@deloitte.it

#### LUXEMBOURG

#### **Pascal Martino**

Partner

pamartino@deloitte.lu

#### **Xavier Turquin**

Senior Manager

xturquin@deloitte.lu

#### **Ronan Vander Elst**

Partner

rvanderelst@deloitte.lu

#### **Francois Bade**

Director

fbade@deloitte.lu



#### **MEXICO**

#### Ricardo A. Garcia

Partner

rigarcia@deloittemx.com

#### Mario Valadez

Partner

mavaladez@deloittemx.com

#### **Tania Buendia**

Manager

tbuendia@deloittemx.com

#### ach

**JAPAN** 

#### Yoshiki Tanabe

Yuta Maruyama

Partner

ytanabe@tohmatsu.co.jp

Brian Berkness

Yukio Shinbori

yshinbori@tohmatsu.co.jp

Partner

Senior Manager Senior Manager

yutmaruyama@tohmatsu.co.jp bberkness@tohmatsu.co.jp



#### MIDDLE EAST - KINGDOM OF SAUDI ARABIA, KUWAIT, UNITED ARAB EMIRATES, QATAR

#### **Khaled Hilmi**

Partner

khilmi@deloitte.com



#### NETHERLANDS

#### **Emeric Van Waes**

Partner

evanwaes@deloitte.nl

#### **James Ransome**

Senior Manager

Jaransome@deloitte.nl

# Want to know more about the study?

Contact our local representatives directly to find out more about the study and the results for your country



#### **Deloitte Digital Banking Maturity - Country Leaders and Managers**



Partner

#### **NORDICS - NORWAY AND SWEDEN**

Kirsti Merethe Tranby

Partner ..

<u>ktranby@deloitte.no</u> <u>msellgren@deloitte.se</u>

Mårten Sellgren

**Aleksandar Petrovic** 

**Kasper Loke**Senior Consultant

kloke@deloitte.no

Senior Consultant alepetrovic@deloitte.se

Mark MacRae



#### POLAND

Michael Wodzicki

Partner Senior Manager

<u>mwodzicki@deloittece.com</u> <u>mmacrae@deloittece.com</u>

**Daniel Majewski** 

Senior Manager dmajewski@deloittece.com



#### RUSSIA

**Ekaterina Trofimova** 

Partner <a href="mailto:ektrofimova@deloitte.ru">ektrofimova@deloitte.ru</a>

**Maxim Nalyutin** 

Director <a href="mailto:mnalyutin@deloitte.ru">mnalyutin@deloitte.ru</a>



#### PORTUGAL

Joao Matias Ferreira

Associate Partner joaomferreira@deloitte.pt

**Gustavo Carvalho Romao** 

Manager gromao@deloitte.pt



#### ROMANIA

Andrei Ionescu Vladimir Aninoiu

Partner Director aionescu@deloittece.com vaninoiu

vaninoiu@deloittece.com

Claudiu Constantinescu

Senior Manager <a href="mailto:cconstantinescu@deloittece.com">cconstantinescu@deloittece.com</a>



#### SERBIA

Mitja Kumar

Partner

mitjakumar@deloittece.com

**Ivan Stefanovic** 

Manager

istefanovic@deloittece.com

### Want to know more about the study?

**Contact our local representatives** directly to find out more about the study and the results for your country



#### **Deloitte Digital Banking Maturity - Country Leaders and Managers**



#### SINGAPORE

**Kok Yong Ho Eng Hong Lim** Partner Partner

kho@deloitte.com englim@deloitte.com

**Nai Seng Wong** Neeraj Khurana

nekhurana@deloitte.com nawong@deloitte.com

Director



#### SPAIN

Partner

**Gerard Sanz** Marcelo De Castro

Partner Manager

gsanz@monitordeloitte.es mdecastro@monitordeloitte.es

**Hugo Aldonza** 

Manager

haldonza@monitordeloitte.es



#### SWITZERLAND

**Patrik Spiller Cyrill Kiefer** 

Partner Partner

pspiller@deloitte.ch cykiefer@deloitte.ch

**Marius Virmond** 

Director

mvirmond@deloitte.ch



#### SLOVAKIA

**Michal Kopanic** 

mkopanic@deloittece.com

vhraskova@deloittece.com

Veronika Hraskova

Senior Manager

**Milos Cerovsky** 

Manager

Partner

mcerovsky@deloittece.com



#### SPANISH LATIN AMERICA - ARGENTINA, COLOMBIA, PERU, URUGUAY

Pablo Peso

Partner

ppeso@deloitte.com

Partner

foliva@deloitte.com

**Fernando Oliva** 

**Maximiliano Nardi** 

Senior Manager

manardi@deloitte.com

### Want to know more about the study?

**Contact our local representatives** directly to find out more about the study and the results for your country



#### **Deloitte Digital Banking Maturity - Country Leaders and Managers**



#### TURKEY

Yaman Polat

**Ilkay Cakir** 

Partner ypolat@deloitte.com

Senior Specialist

icakir@deloitte.com

Ali Cicekli

Partner

acicekli@deloitte.com



#### UNITED KINGDOM

**Jonathan Gray** 

Partner

jonagray@deloitte.co.uk

**Gareth Addison** 

Director

gaddison@deloitte.co.uk

**Edward J Matheson** 

Manager

edmatheson@deloitte.co.uk

# **Deloitte.** Digital



This communication contains general information only, and none of Deloitte Touche Tohmatsu Limited ("DTTL"), its global network of member firms or their related entities (collectively, the "Deloitte organization") is, by means of this communication, rendering professional advice or services. Before making any decision or taking any action that may affect your finances or your business, you should consult a qualified professional adviser.

No representations, warranties or undertakings (express or implied) are given as to the accuracy or completeness of the information in this communication, and none of DTTL, its member firms, related entities, employees or agents shall be liable or responsible for any loss or damage whatsoever arising directly or indirectly in connection with any person relying on this communication. DTTL and each of its member firms, and their related entities, are legally separate and independent entities.

Copyright © 2020 Deloitte Central Europe.
All rights reserved. Member of Deloitte Touche Tohmatsu Limited.