



4finance Holding SA

Investor Presentation for nine month 2018 results

15 November 2018

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Agenda

- Business update
- Review of 9M 2018 results
- Loan portfolio and asset quality
- Summary

9M 2018 key financial highlights



Interest
income

€361.5m

+10% YoY



Instalment loan
issuance

+42%

YoY growth



Post-provision
operating profit

€63.8m

+22% YoY



Adjusted
EBITDA

€114.1m

+7% YoY



Cost to
income ratio

52.1%

4.2ppts improvement YoY



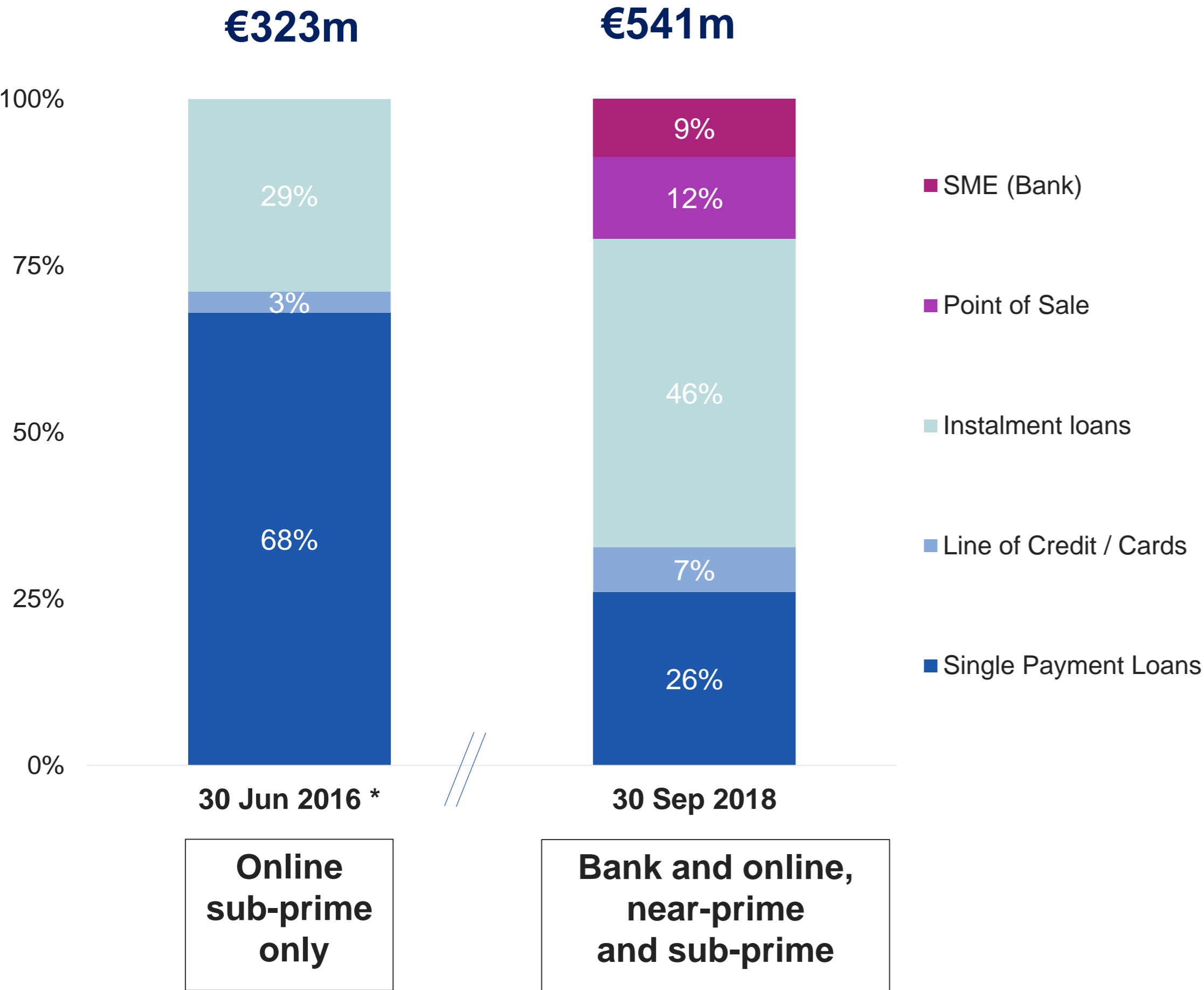
Gross
NPL ratio

19.6%

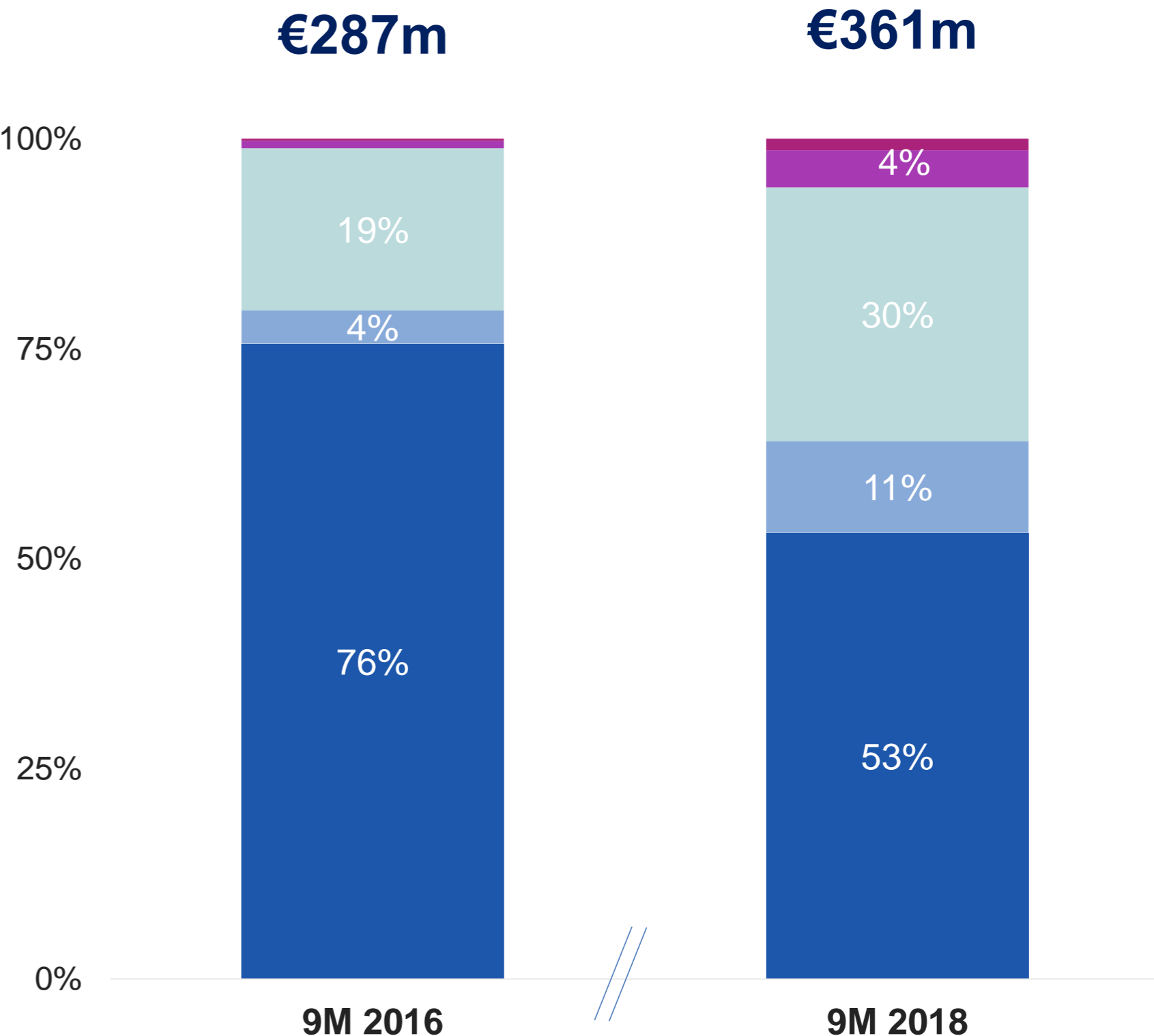
Stable (-0.4ppts) QoQ

Transformation of product mix

Net receivables by product ⁽¹⁾



Interest income by product ⁽¹⁾

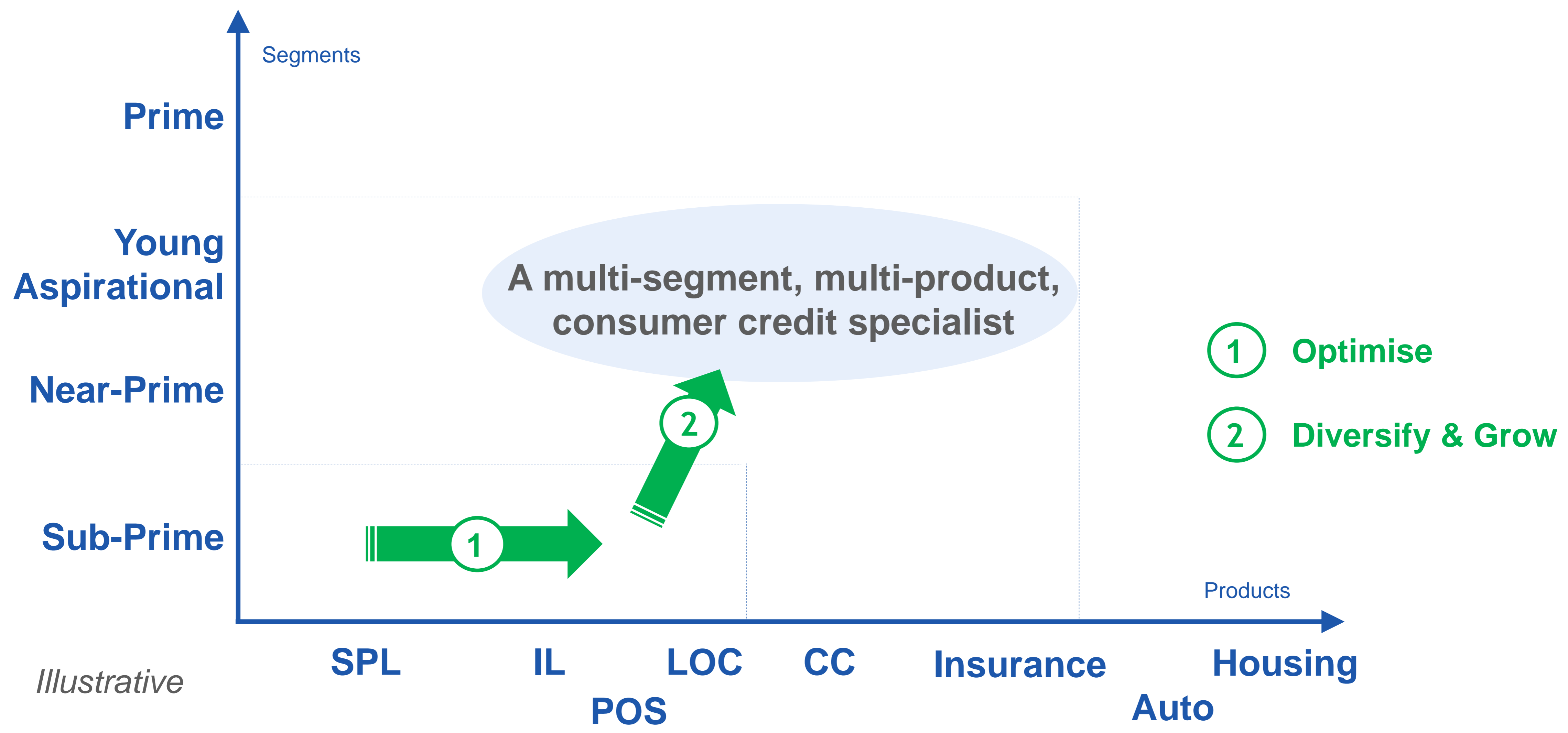


Note:

(1) Reflects reclassification of "Vivus" brand products in Sweden (from January 2016), Denmark (from January 2017) and Armenia (from launch in July 2017) to Lines of Credit

* Date chosen to reflect the composition of loan portfolio immediately prior to purchase of TBI Bank

Evolving and broadening our business model



Illustrative

Near prime market tests: Lithuania, Spain & Sweden

Lithuania (2016)

“Evolve existing product and brand”

30%-60% APR



- Strong brand profile of existing Instalment loan product, with ‘trust’ levels close to bank brands
- Evolved product in mid-2016 post regulation
- €500 → €1,200 avg. ticket size
- 2 year → 4 year tenor
- ~80% → ~45% avg. pricing
- €15m net portfolio at 9M 2018

Spain (2017)

“Partner-led distribution”

25%-35% APR



- Partnered with Fintonic, personal finance manager App with 450k active customers
- 30% of Fintonic users in near-prime/sub-prime segments, allowing highly targeted campaigns
- Response rate and acceptance rate both >75%
- €3,000 avg. ticket size
- 22 months avg. tenor

Sweden (pending)

“New product & brand on new 4finance platform”

20%-40% APR



- First product designed on new IT platform
- Clear niche in €2,000 - €10,000 ticket size
- Build on existing strengths:
 - Modern, innovative brand
 - Simple application
 - Fast online decision and disbursement
- Compliant with new regulations

Regulatory Update

Sweden

- New regulations in the consumer finance sector were approved in Parliament in the beginning of May. The changes include the cap of annual and penalty interest at 40%, limitation on extensions and overall cost of credit cap at 100% of the amount borrowed. The new regulations came into force from 1 September 2018

Finland

- The draft bill to amend online lending legislation that extends the APR cap at 30% to loans of over €2,000 is expected to be submitted to Parliament in November 2018. The regulation is expected to be finalised by the end of 2018 with implementation in September 2019

Romania

- The National Bank of Romania announced new affordability regulations in October 2018, with a debt-to-income limit of 40% being introduced from 1 January 2019
- Decision to continue with TBI Bank operations only

Georgia

- A reduction in the APR cap from 100% to 50% p.a. was approved in August and became effective from 1 September 2018. Decision taken to wind down Georgia operations

Latvia

- A reduction in the APR cap (25%) and limits to loan size, extensions and marketing for consumer lending were approved in Parliament in October 2018. The new regulations with regards to limiting the size and extensions will come into force from 1 January 2019, and the changes on APR cap and the marketing limits will come into force from 1 July 2019. The Group is reviewing the impact on its operations in Latvia

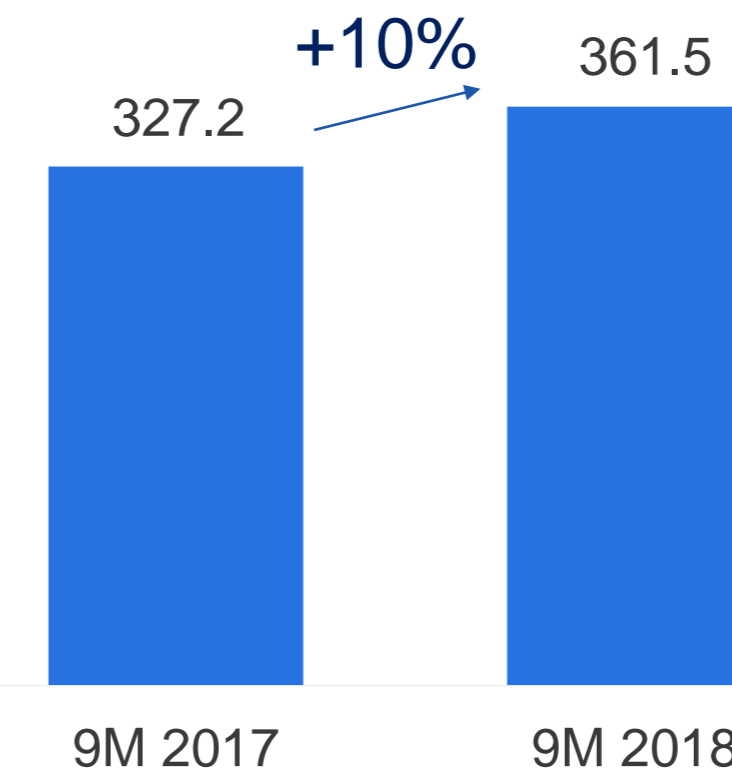
Review of 9M 2018 results

Summary of nine month 2018 results

- 9M 2018 interest income up 10%, post-provision operating profit +22% year-on-year
 - Solid level of interest income despite portfolio rationalisation
 - Adjusted EBITDA of €114.1m, up 7% year-on-year, with strong Q3 contribution and strong interest coverage
 - Post-provision operating profit of €63.8m, up 22% year-on-year
- Interest income highlights by market and product
 - Solid performance in key large markets (Poland, Spain, Denmark) with lower contribution from Friendly Finance and other wind-down markets
 - Instalment loan interest income up 45% YoY (growth and visibility)
 - Uptick in loan issuance again in TBI Bank in Q3 and closer alignment with online business in Bulgaria
- Cost efficiency improving, but profitability impacted by €18m YTD net FX loss
 - Significant sequential reduction in quarterly costs by €8m
 - Further negative Q3 FX impact of €5.6m, mainly from continued depreciation of Argentinian Peso (n.b. impact on equity is offset by increase in FX reserve)
- Strong operating cashflow and robust cash position
 - Operating cashflow before movements in portfolio & deposits of €211m (vs €176m in 9M 2017)
- Stable NPL ratios, following IFRS 9 and write-off period change
 - Net impairment/interest income at 26% for 9M 2018 compared to 24% for 9M 2017
 - Several portfolio growth metrics and ratios impacted by IFRS 9 adjustments to 1 January 2018 opening balance sheet

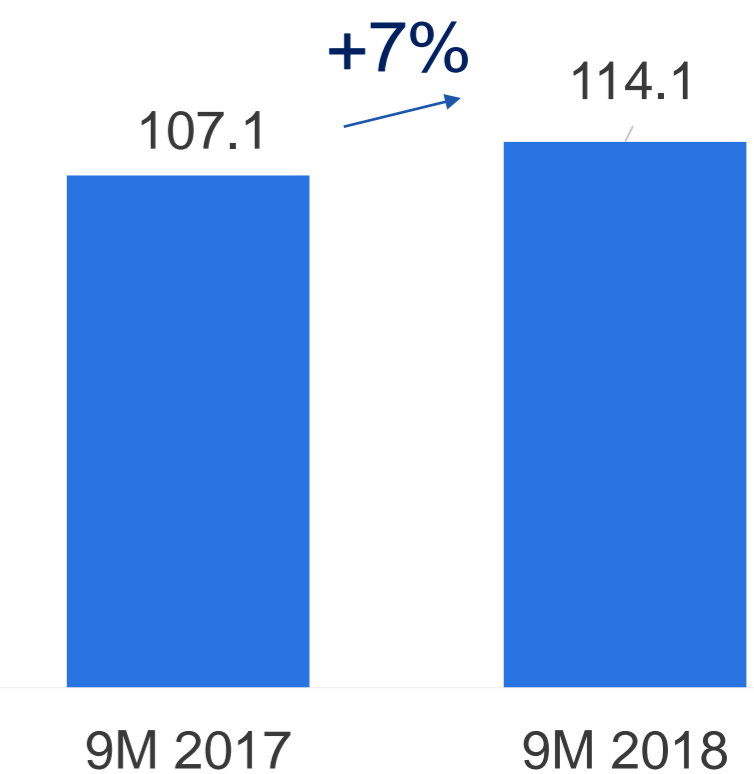
Interest Income

€m



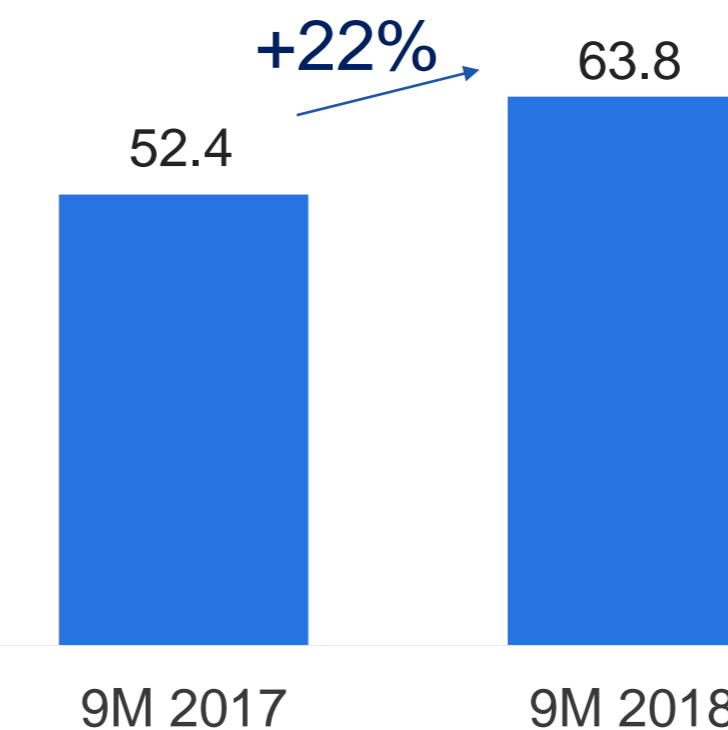
Adjusted EBITDA

€m



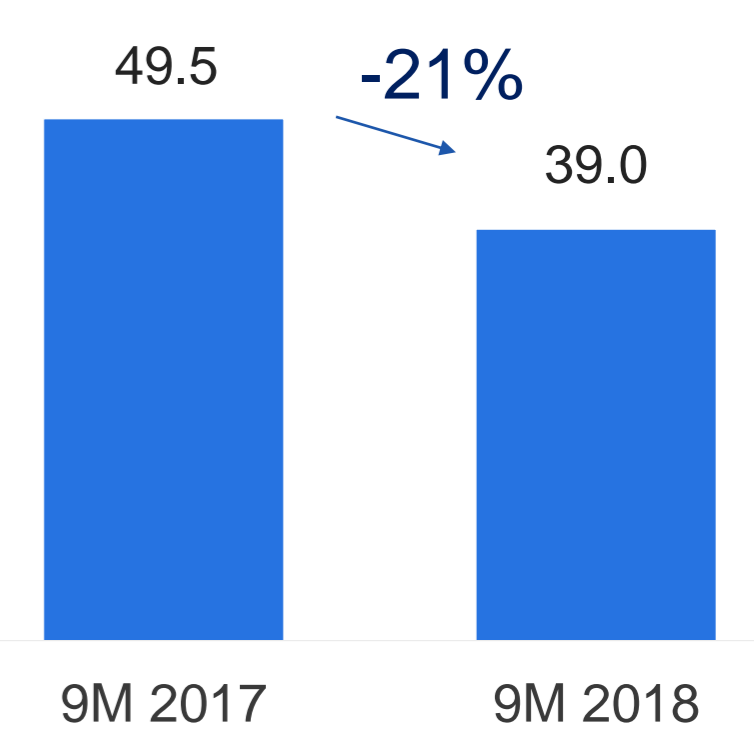
Post-provision operating profit

€m



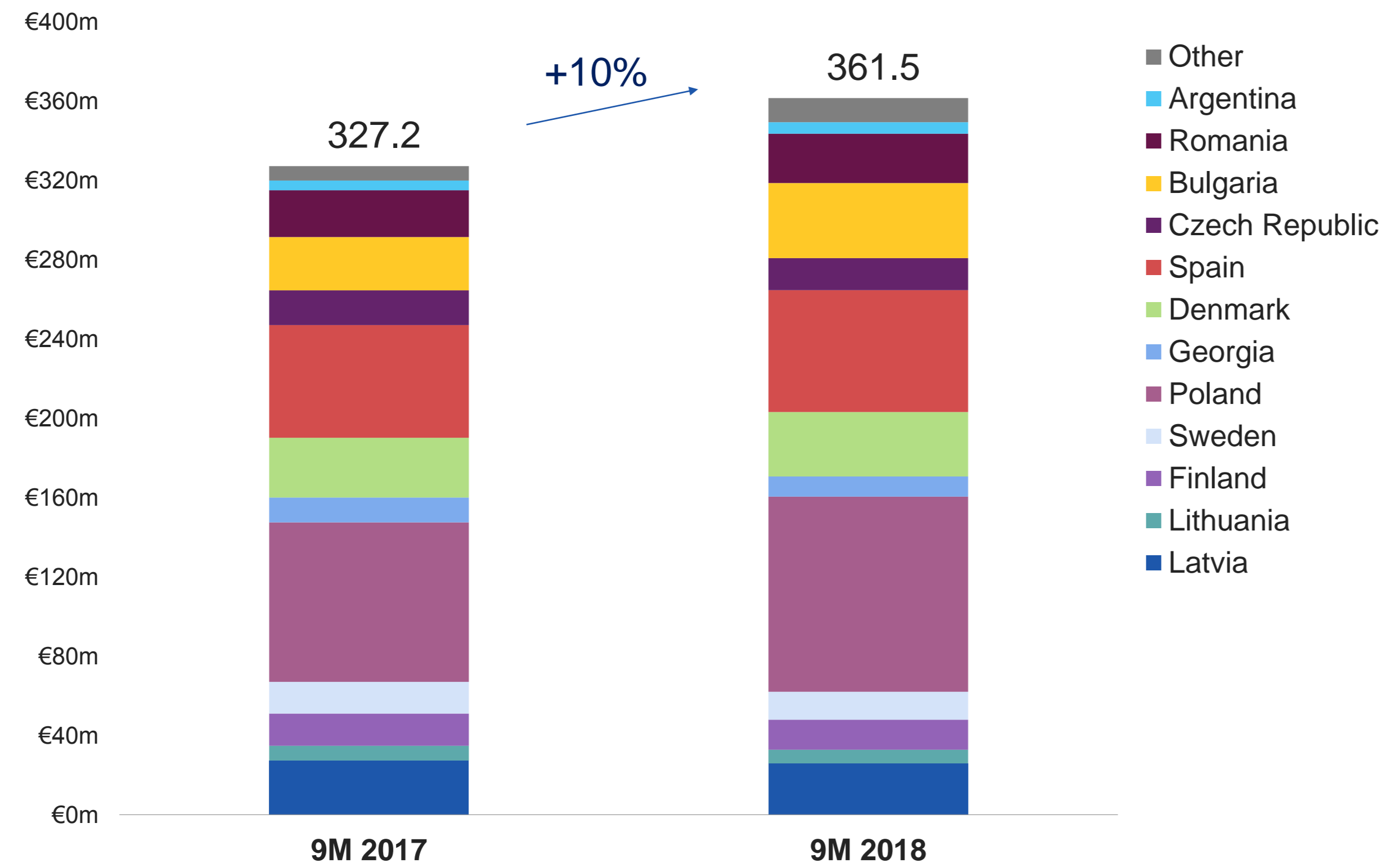
Profit before tax

€m

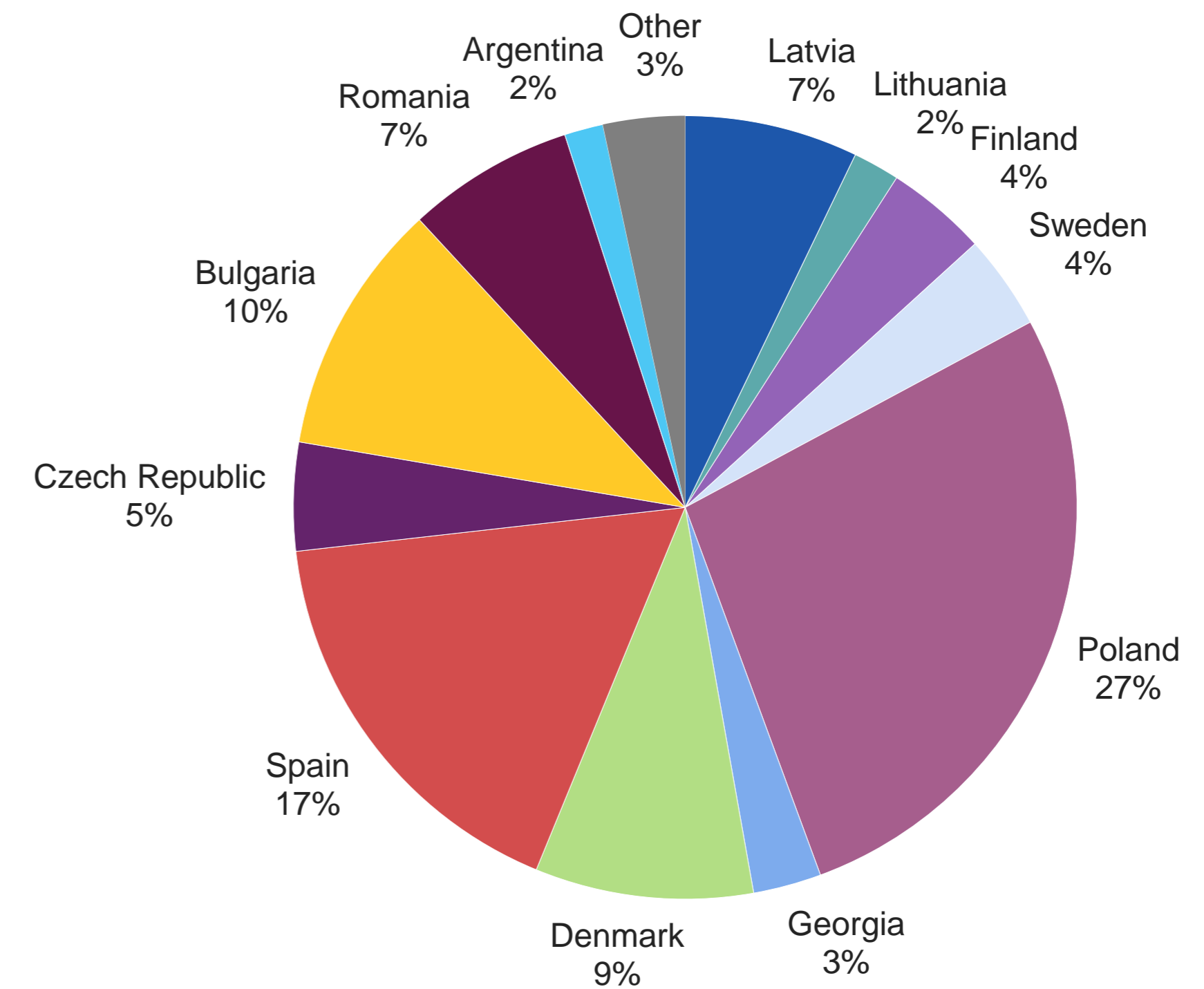


Interest income - growth and diversification

Interest income by country



9M 2018 interest income: €361m

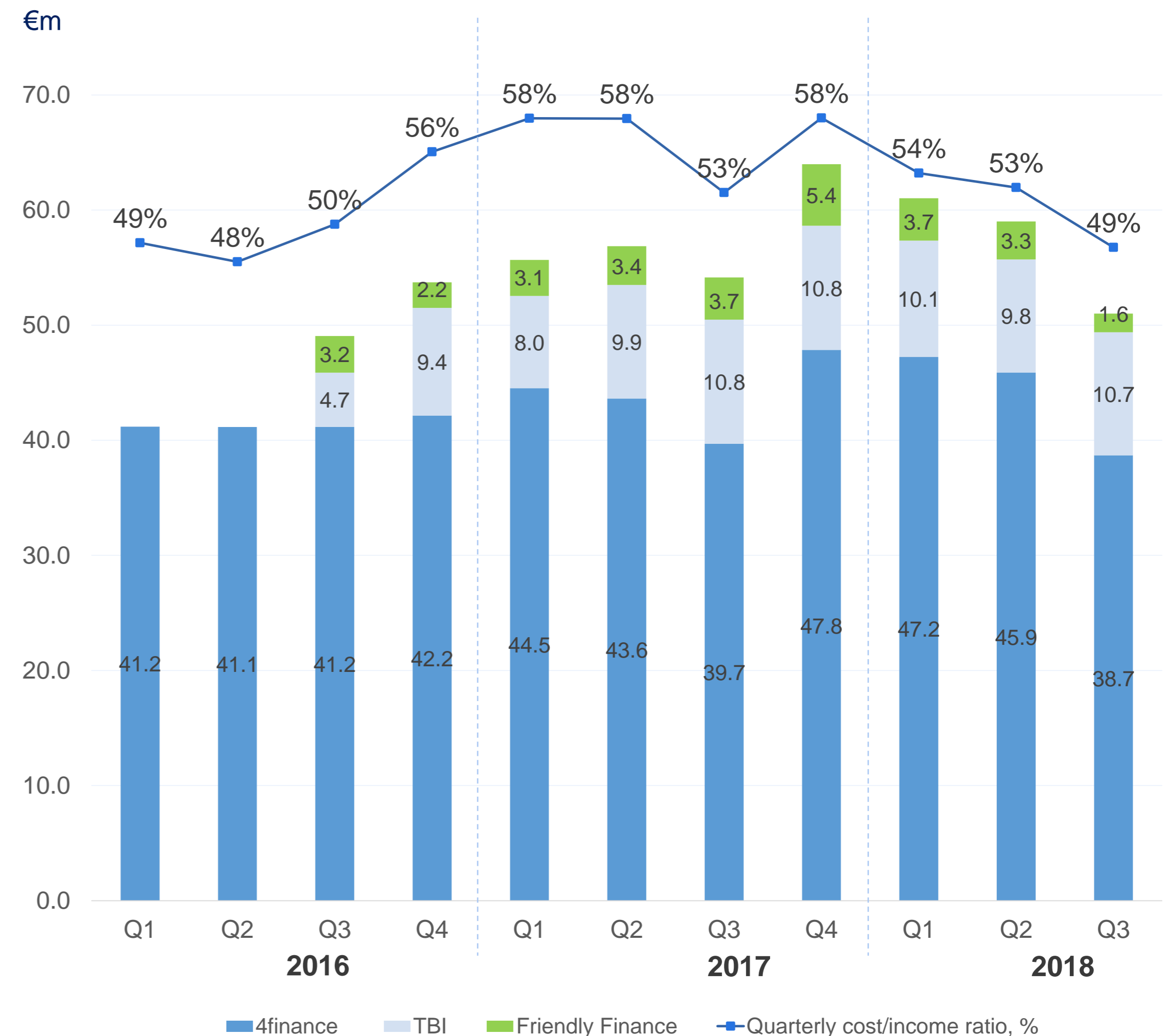


Note: Interest income from TBI Bank and Friendly Finance is allocated within the corresponding country

Operating cost drivers

- Year-on-year cost growth of 3%, substantially lower than increase in interest income
 - Further sequential quarterly decline in costs, with very targeted approach to marketing spend
 - 2017 costs do not include capex that would have been expensed under more conservative approach in 2018. Adjusting for this would make costs flat year-on-year
 - 9M 2018 cost/income ratio improved at 52% compared to 56% in 9M 2017
- Cost efficiency projects ongoing with focus on cost/income ratio
 - Quarterly cost reduction in all major categories
 - Savings from Friendly Finance integration now showing through
 - Further group headcount reduction of 6% in Q3
 - Lower above-the-line marketing spend due to efficiency savings from econometric modelling and seasonal decline in Q3 (expected to reverse in Q4)
 - New IT platform remains key to unlocking material savings in the medium term

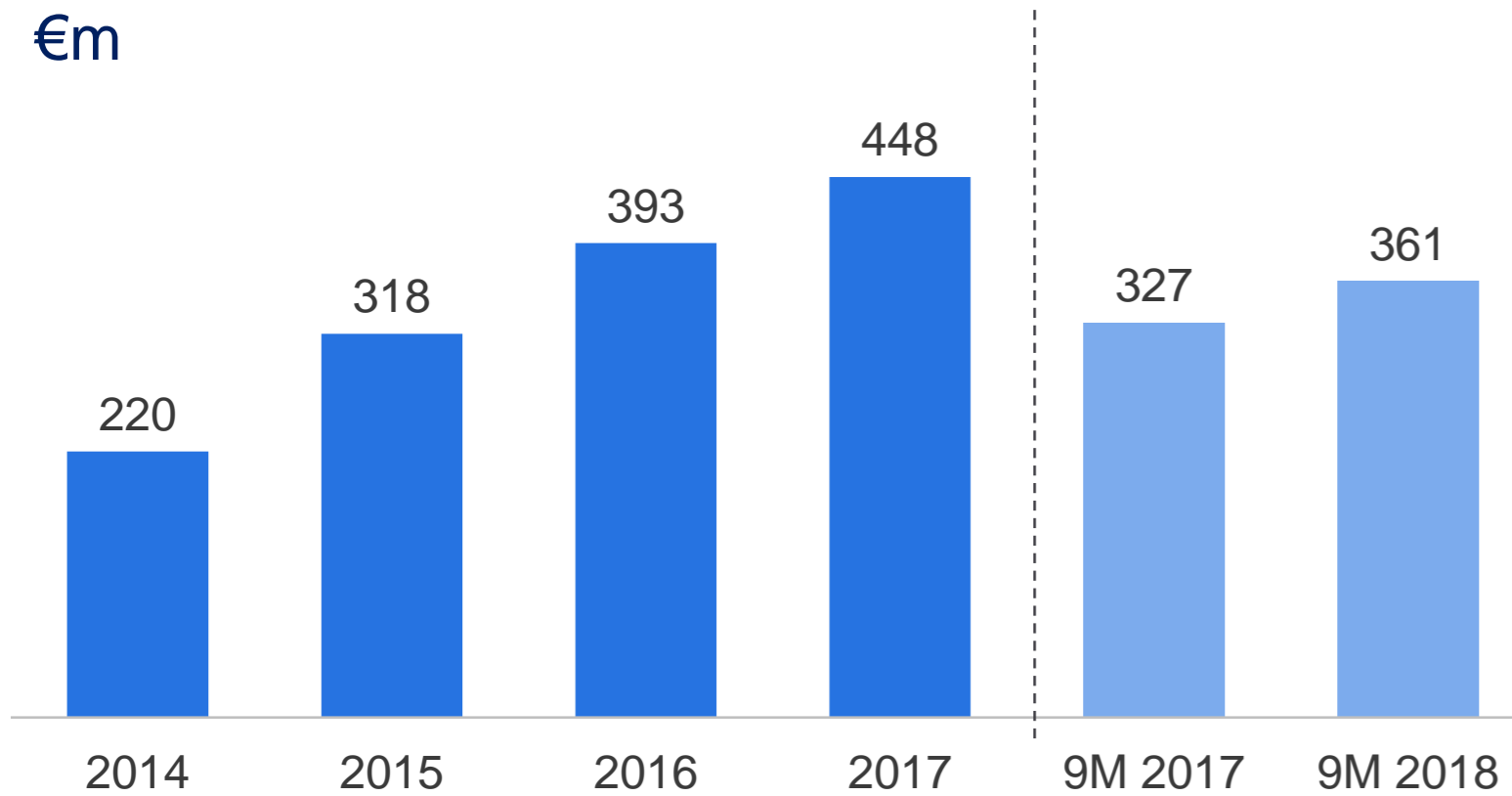
Total operating costs



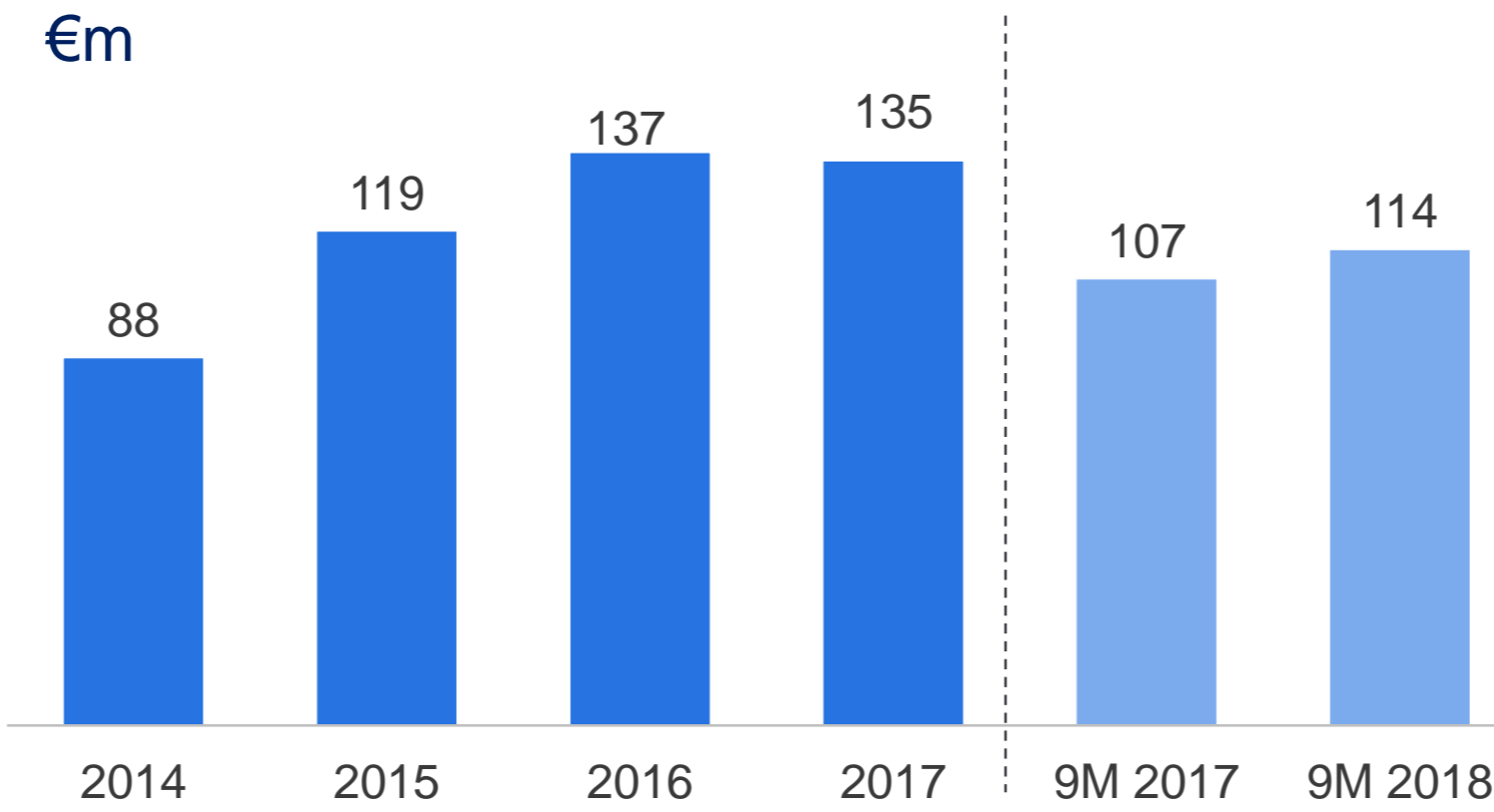
Note: 2017 quarterly costs reflect as-reported quarterly numbers. Totals do not match with 2017 audited financials due to capex de-recognition as part of year end one-off adjustments to intangible assets

Financial highlights – profitable growth

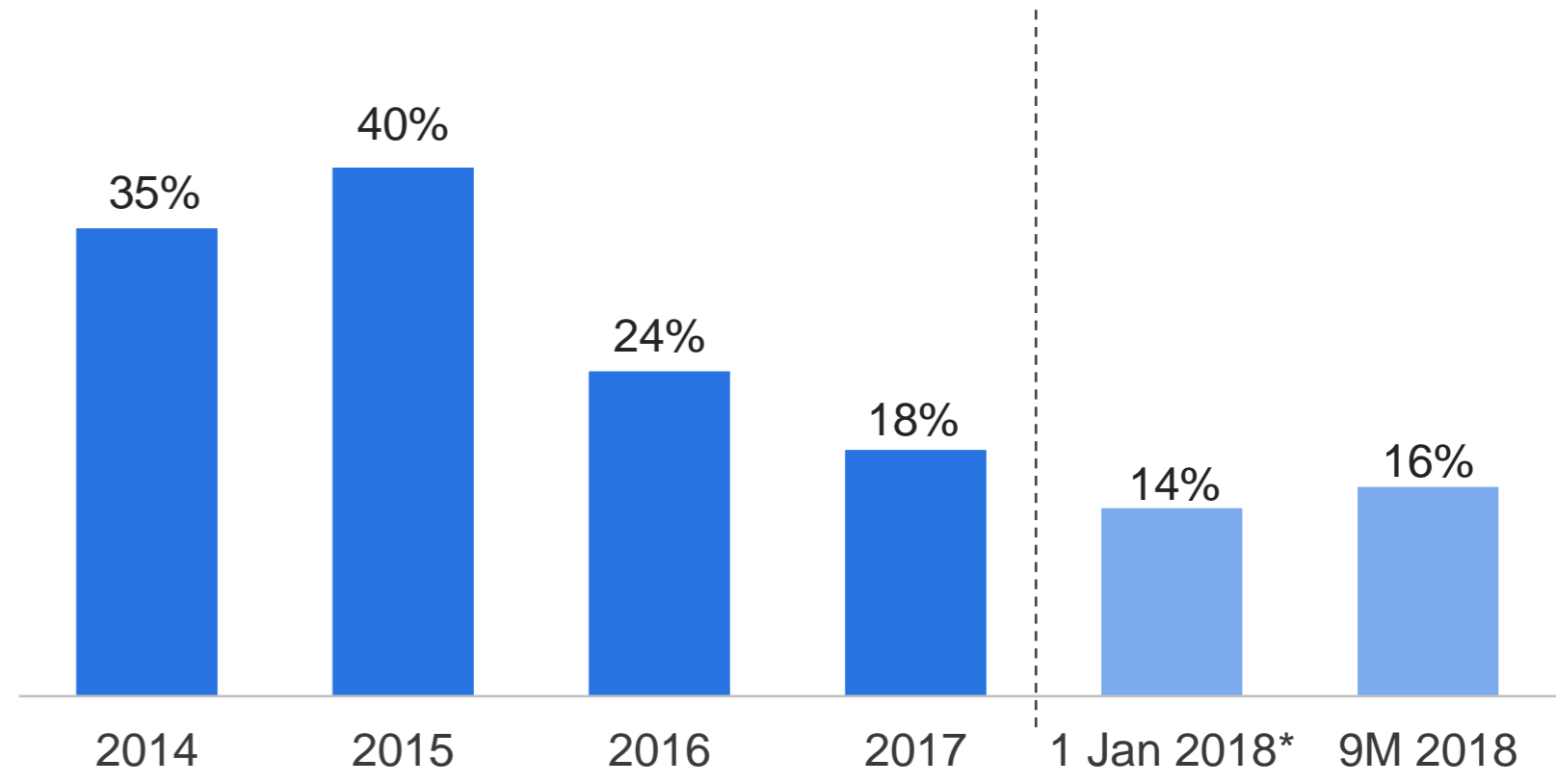
Interest income



Adjusted EBITDA

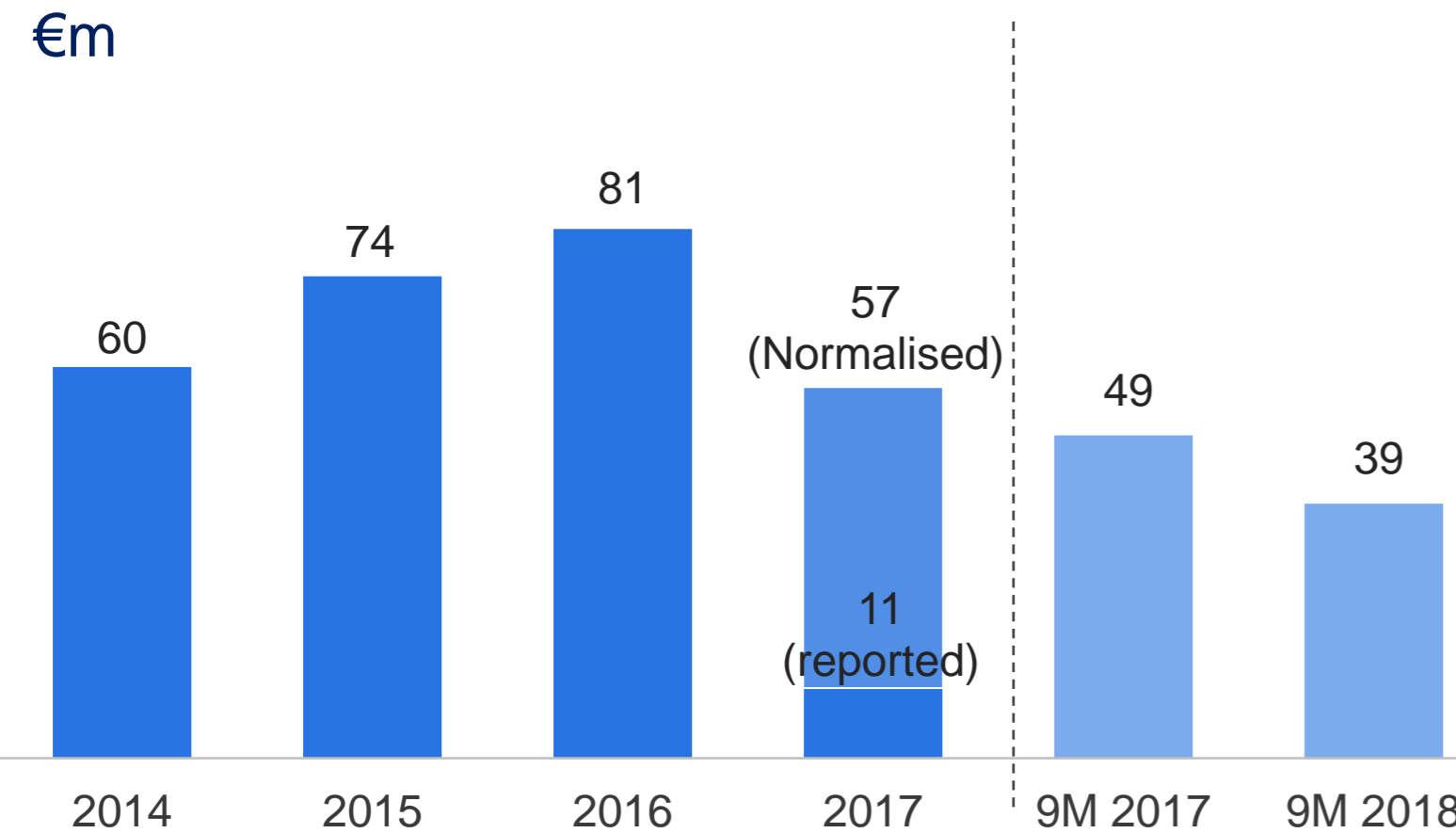


Equity / assets ratio, % ⁽¹⁾

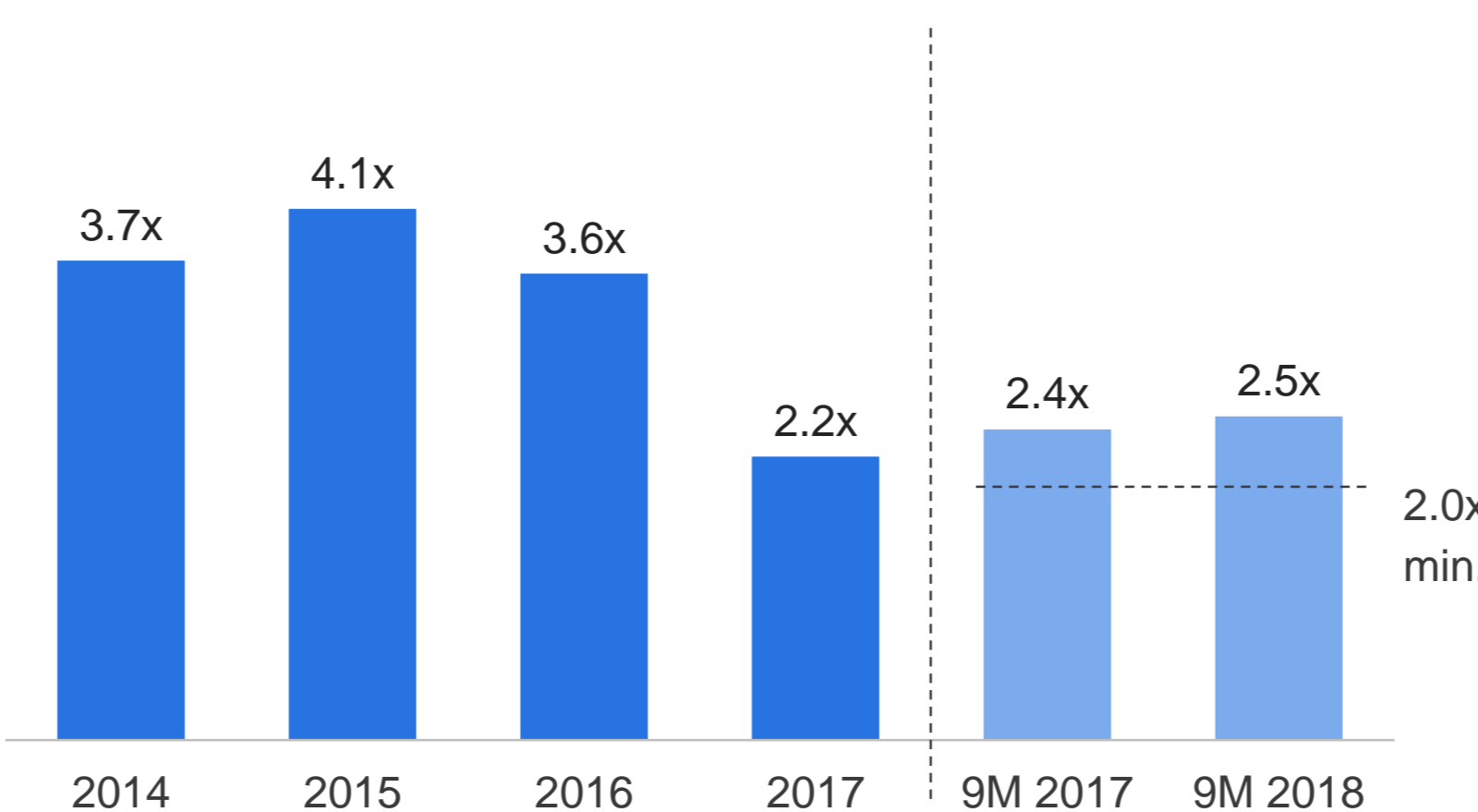


* Post IFRS 9

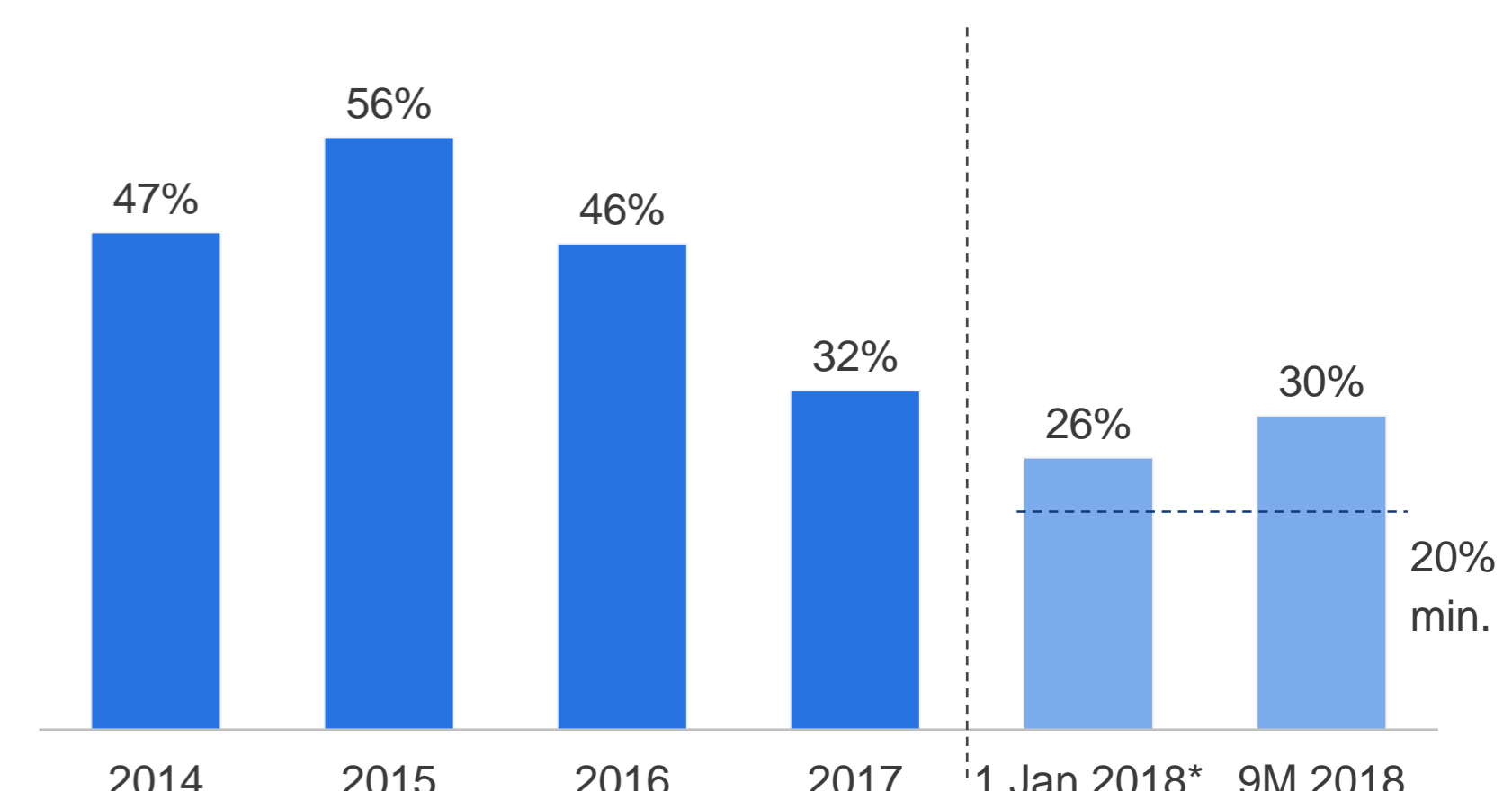
Profit before tax



Adjusted interest coverage ratio



Equity / net receivables, %

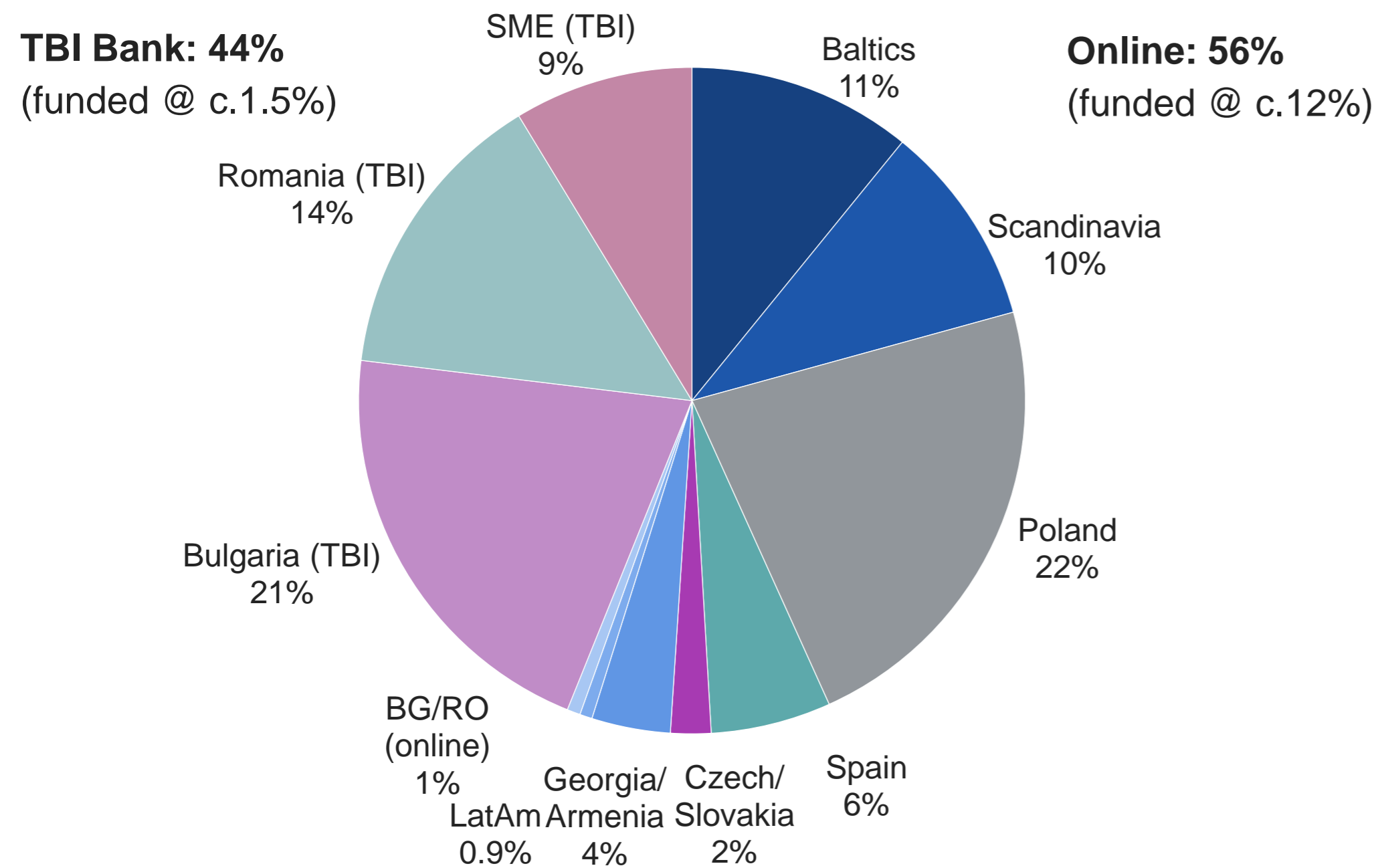


* Post IFRS 9

Diversified loan portfolio

- Online loan issuance volume stable overall at €932m in 9M 2018
- Overall net receivables totals €541m
 - 2% growth during 9M 2018 (post IFRS 9)
 - 91% consumer loans
 - 56% online loans / 44% banking

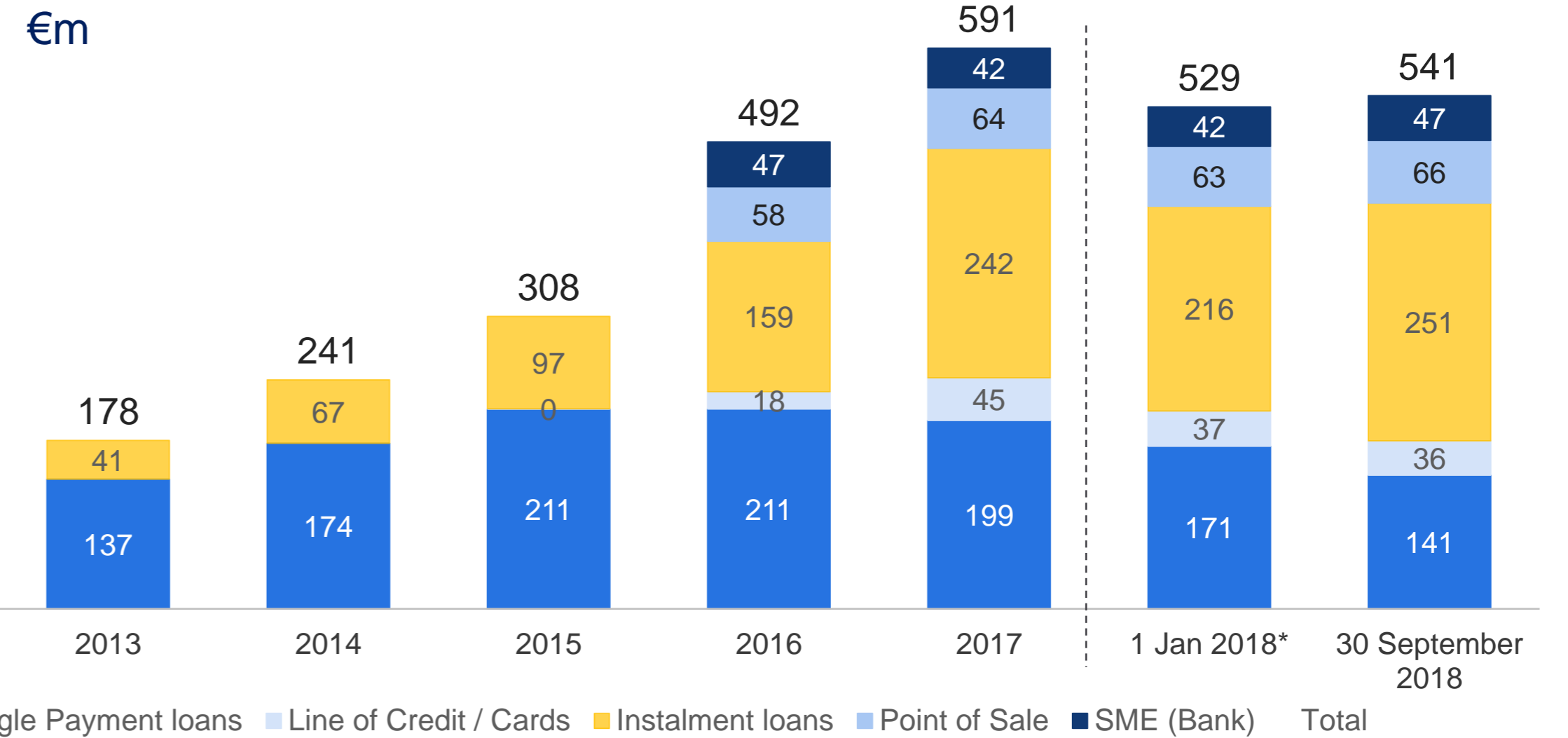
Net receivables, 30/9/2018



Note:
(1) Reflects reclassification of "Vivus" brand products in Sweden (from January 2016), Denmark (from January 2017) and Armenia (from launch in July 2017) to Lines of Credit

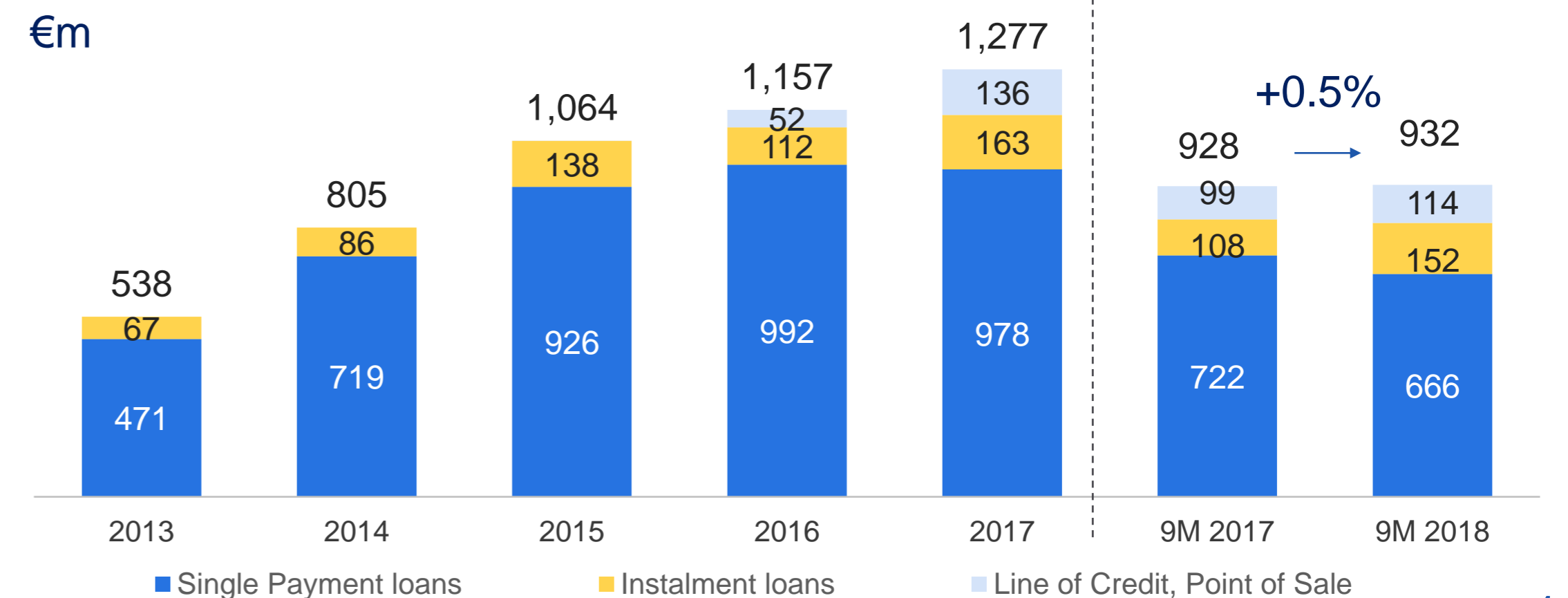
See appendix for definitions of key metrics and ratios

Net receivables (1)



* Introduction of IFRS 9 as of 1-Jan-2018 reduced net receivables by €62 million to €529 million

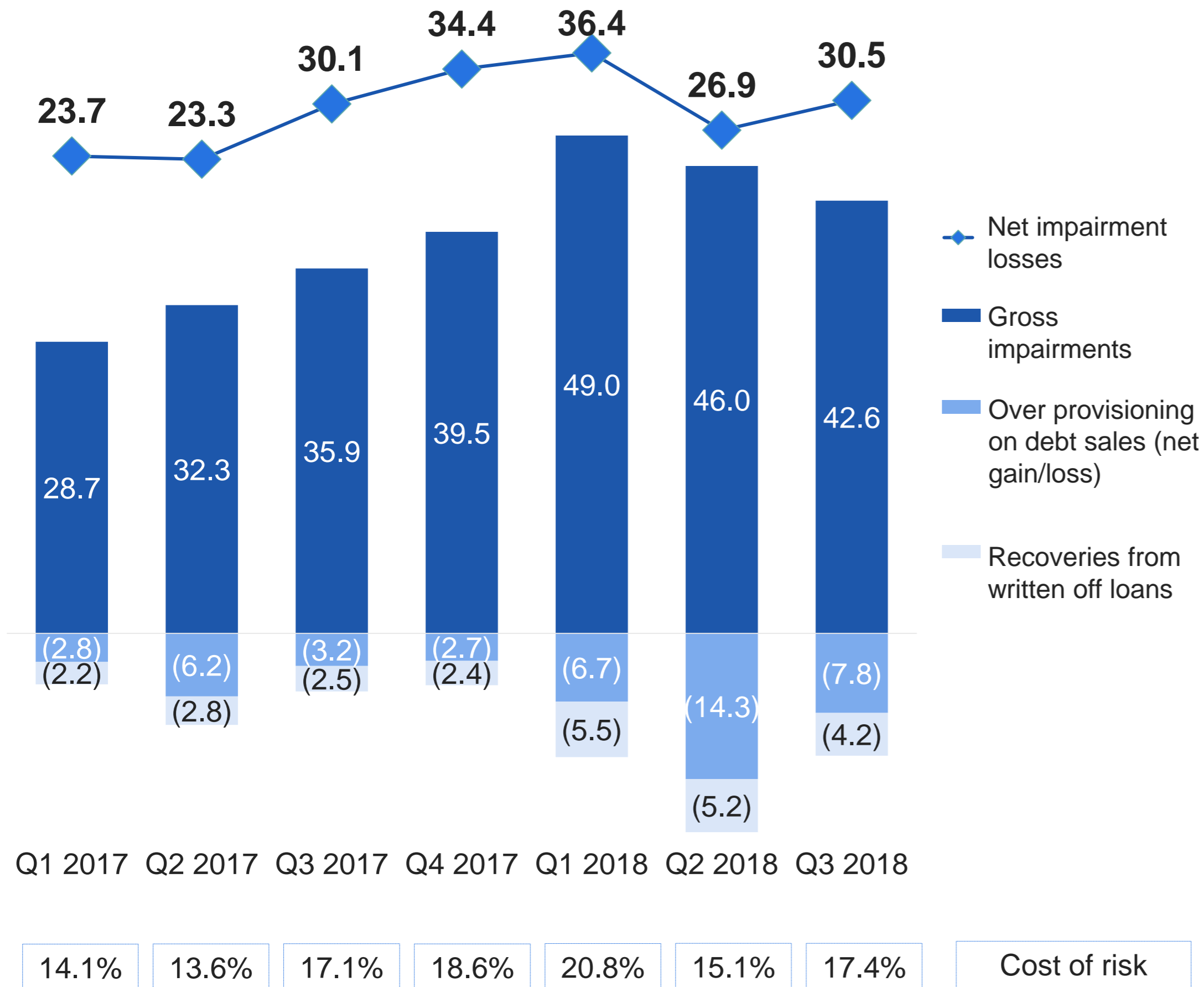
Online loans issued (1)



Analysis of net impairments and cost of risk

Net impairment losses by quarter

€m



- Quarterly net impairment charge beginning to settle down following IFRS 9 change
 - Gradual decrease in quarterly gross impairments through 2018
 - Continued focus on earlier collections and portfolio sales, including forward flow agreements (also reducing debt collection costs)
 - Improvement in TBI Bank Romanian consumer portfolio and TBI Bank debt sales net gain of €2.1m in Q3
- Asset quality metrics under IFRS 9 are not easily comparable to prior year periods under IAS 39
 - Net impairment / interest income 25.9% (9M 2018) vs 23.6% (9M 2017)
 - Online cost of risk 23.7% (9M 2018) vs 18.9% (9M 2017)
 - Overall cost of risk 18.1% (9M 2018, including TBI Bank)
- Focus on continuous improvement in credit underwriting and collection
 - Integration of additional data sources
 - Faster iterations of scorecards with regular recalibration

Asset quality and provisioning

- **Gross NPL ratios significantly improved following move to 360 DPD write-off period, with coverage ratios now well over 100%**
 - Online gross NPL ratio improved to 22.2% as of September 2018 from 33.5% as of December 2017
 - Overall gross NPL ratio improved to 19.6% as of September 2018 from 26.7% as of December 2017
- Additional portfolio disclosure now provided by loan principal and accrued interest in results report and appendix
- Increased debt sales activity has reduced non-performing loan portfolio, with €82.7 million of gross receivables (€32.3 million net) sold in 9M18 compared with €58.3 million of gross receivables (€16.1 million net) in 9M17

	30 September 2018				1 January 2018 (post IFRS 9)				31 December 2017			
	Gross amount	Impairment allowance	Net amount	% of Gross Amount	Gross amount	Impairment allowance	Net amount	% of Gross Amount	Gross amount	Impairment allowance	Net amount	% of Gross Amount
<i>In millions of €, except percentages</i>												
Online receivables												
Performing ⁽¹⁾	332.9	(54.8)	278.1	77.8%	343.2	(56.7)	286.4	77.8%	343.2	(34.6)	308.6	66.5%
Non-performing ⁽²⁾	95.1	(70.2)	25.0	22.2%	97.7	(77.5)	20.1	22.2%	172.5	(114.5)	58.0	33.5%
Online total	428.1	(125.0)	303.1	100.0%	440.8	(134.3)	306.5	100.0%	515.7	(149.1)	366.6	100.0%
TBI Bank receivables												
Performing ⁽¹⁾	229.3	(10.0)	219.3	84.6%	214.5	(7.0)	207.5	87.3%	214.5	(4.4)	210.1	87.3%
Non-performing ⁽²⁾	41.7	(23.2)	18.5	15.4%	31.1	(16.2)	14.9	12.7%	31.1	(16.6)	14.5	12.7%
TBI Bank total	271.0	(33.2)	237.8	100.0%	245.6	(23.2)	222.4	100.0%	245.6	(21.0)	224.6	100.0%
Overall group receivables												
Performing ⁽¹⁾	562.2	(64.8)	497.4	80.4%	557.7	(63.7)	493.9	81.2%	557.7	(39.0)	518.7	73.3%
Non-performing ⁽²⁾	136.8	(93.4)	43.4	19.6%	128.7	(93.7)	35.0	18.8%	203.6	(131.1)	72.5	26.7%
Overall total	699.0	(158.2)	540.8	100.0%	686.4	(157.5)	529.0	100.0%	761.3	(170.1)	591.2	100.0%

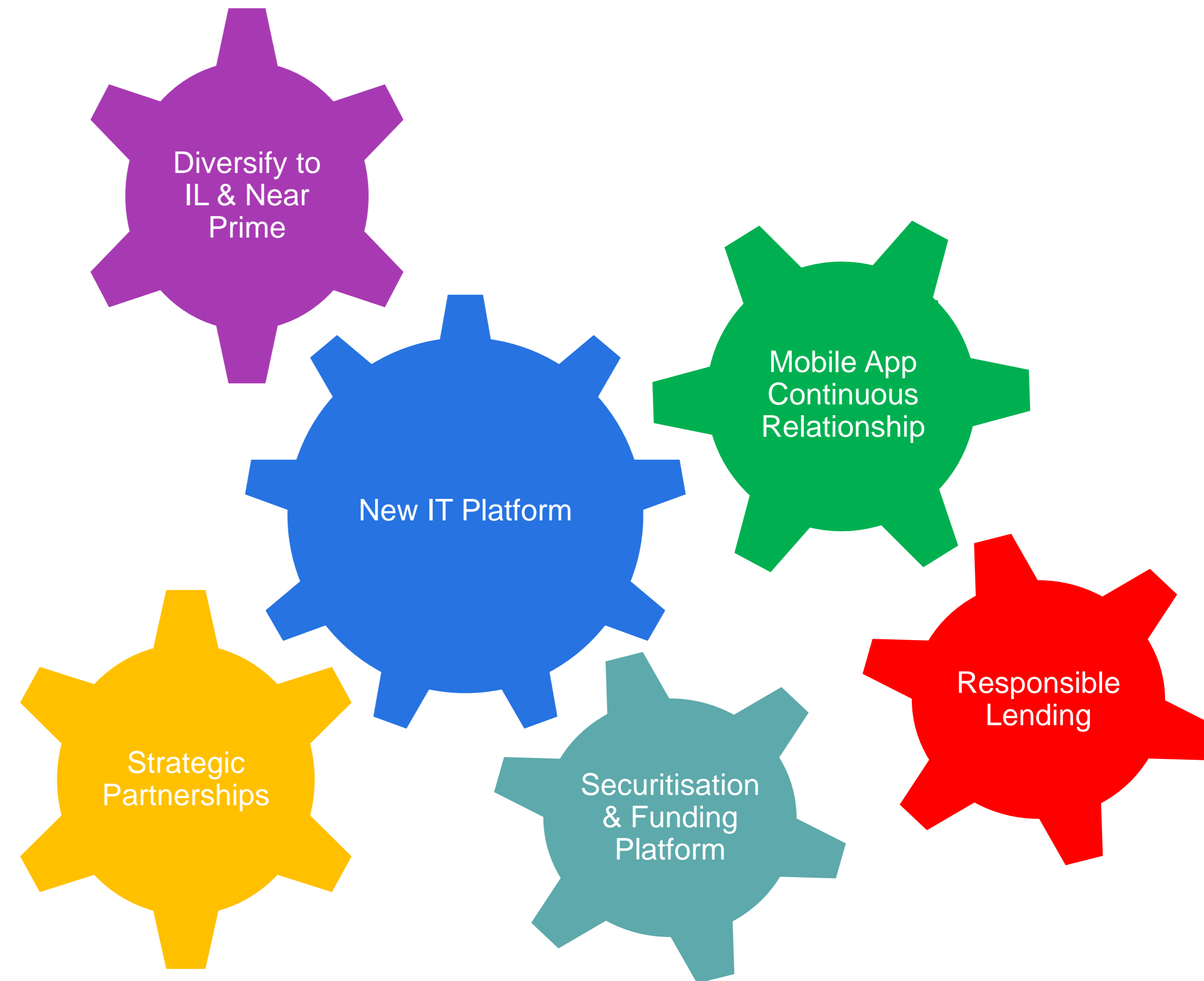
Notes:

(1) Performing receivables 0-90 DPD

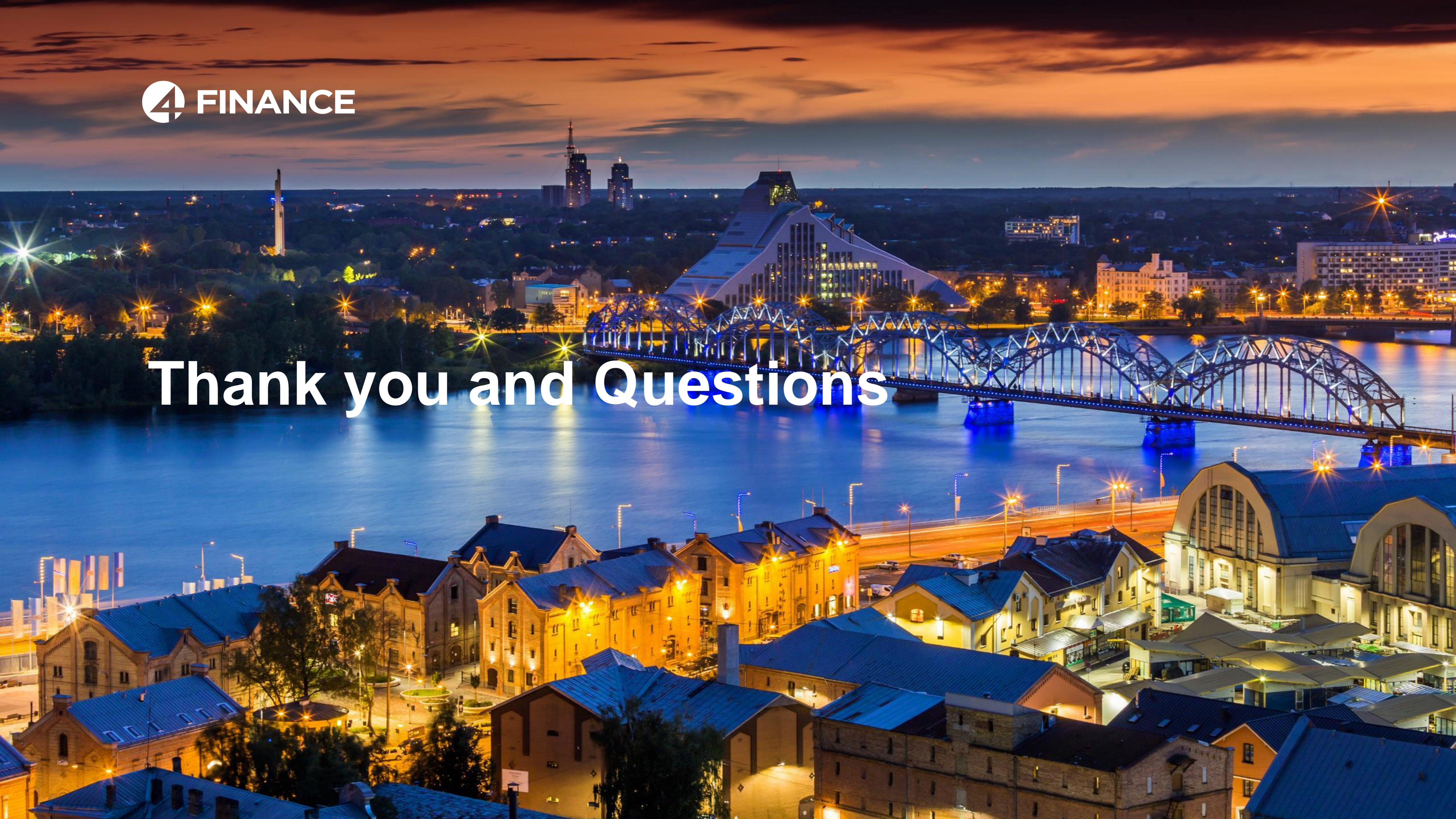
(2) Non-performing receivables 91+ DPD

Summary

- The opportunity for 4finance is significant: uniquely positioned given existing scale and experience
- Business continues to perform, with strong 9M 2018 results and solid EBITDA generation
 - Further improvement in cost/income ratio
 - Absorbed impact of move to IFRS 9 provisioning standard
- Refined focus as a business sets us on a good trajectory
 - New IT platform initiative well underway
 - Portfolio diversification continues, with prudent approach to roll-out
 - Pilots of near-prime products underway and securitisation platform progressing
- Strategy in place to evolve and broaden business model:
 - Multi-segment, multi-product, consumer credit specialist



Thank you and Questions



Appendix – responsible lending and regulatory overview

Sustainability through good governance and responsible lending

Operating as a mainstream consumer finance business

- “Bank like” policies and procedures with strong compliance function
- Continued investment in AML, GDPR and other strategic compliance priorities
- Robust corporate governance with strong Supervisory Board
- Increasingly regulated by main financial supervisory authorities
- Diversification of portfolio and consequent reduction of reliance on single payment loans
- Clear corporate values and code of conduct
- Listed bond issues with quarterly financial reporting

Developing meaningful and constructive regulatory relationships

- Ensuring we understand the regulatory arc
- Helping regulators and legislators gain a solid understanding of our business
- Ensuring we have a seat at the table

Responsible lending: putting customers first

- Offering simple, transparent and convenient products
- Continuous improvements in credit underwriting
- Ensuring products are used appropriately
- Working to ensure customers have safe landings when they signal difficulties

Regulatory overview

Country	% of interest income (9M 2018)	Products ⁽¹⁾	Regulator	CB ⁽²⁾	License required ⁽³⁾	Interest rate cap ⁽¹⁾	Status
Argentina	2%	SPL	Consumer Protection Directorate	-	-	-	
Armenia	2%	LOC, IL	Central Bank of the Republic of Armenia	Yes	Yes	Nominal	
Bulgaria – Online	1%	SPL	Bulgarian National Bank	Yes	Yes	APR (inc. fees)	
Bulgaria - Bank	9%	IL, LOC, POS, SME					
Czech Republic	5%	SPL, IL	Czech National Bank	Yes	Yes	-	
Denmark	9%	LOC, IL	Consumer Ombudsman	-	-	-	Initial industry consultation underway for potential new regulation
Finland	4%	SPL, LOC	Finnish Competition and Consumer Authority	-	-	APR (inc. fees) ⁽⁴⁾	New rate caps expected to be finalised by end 2018 and implemented in Sep 2019
Georgia*	3%	SPL, IL	National Bank of Georgia	Yes	Yes	APR (inc. fees) & TCOC	
Latvia	7%	SPL, IL, LOC	Consumer Rights Protection Centre	-	Yes	Nominal, fees & TCOC	New interest rate cap due to come into force in July 2019

Notes:

(1) Abbreviations:

APR – Annual Percentage Rate; IL – Instalment loans; LOC – Line of Credit / Credit Cards; POS – Point of Sale; SPL – Single Payment Loans; SME – Business Banking (Small-Medium Sized Enterprise); TCOC – Total Cost of Credit

(2) Indicates whether the regulator is also the main banking supervisory authority in the relevant market

(3) Indicates license or specific registration requirement

(4) Rate cap applies to loans below €2,000

* Discontinued in Q3 2018

Regulatory overview (continued)

Country	% of interest income (9M 2018)	Products ⁽¹⁾	Regulator	CB ⁽²⁾	License required ⁽³⁾	Interest rate cap ⁽¹⁾	Status
Lithuania	2%	SPL, IL	Central Bank of Lithuania	Yes	Yes	Nominal, fees & TCOC	
Mexico	1%	SPL	National Financial Services Consumer Protection Commission	-	Yes	-	
Poland	27%	SPL, IL	Office of Competition and Consumer Protection	-	-	Nominal, fees & TCOC	
Romania – Online*	1%	SPL	National Bank of Romania	Yes	Yes	-	Affordability DTI limits being introduced in Jan 2019. Interest rate cap proposal being debated
Romania – Bank	6%	IL, LOC, POS, SME					
Slovakia	1%	SPL	National Bank of Slovakia	Yes	Yes	APR (inc. fees)	
Spain	17%	SPL, IL	N/A	-	-	-	
Sweden	4%	LOC, IL	Swedish Financial Supervisory Authority	Yes	Yes	Nominal & TCOC	

- Notes:**
- (1) Abbreviations:
 APR – Annual Percentage Rate; IL – Instalment loans; LOC – Line of Credit / Credit Cards; POS – Point of Sale; SPL – Single Payment Loans; SME – Business Banking (Small-Medium Sized Enterprise); TCOC – Total Cost of Credit
- (2) Indicates whether the regulator is also the main banking supervisory authority in the relevant market
- (3) Indicates license or specific registration requirement

Appendix – financials and key ratios

Income statement

€ m	9M 2018 (unaudited)	9M 2017 (unaudited)	% change YoY
Interest Income	361.5	327.2	+10%
Interest Expense	(46.3)	(45.5)	+2%
Net Interest Income	315.1	281.6	+12%
Net F&C Income	7.3	7.7	(4)%
Other operating income	6.1	6.8	(10)%
Non-Interest Income	13.5	14.5	(7)%
Operating Income	328.6	296.1	+11%
Total operating costs	(171.0)	(166.7)	+3%
Pre-provision operating profit	157.6	129.5	+22%
Net impairment losses	(93.8)	(77.1)	+22%
Post-provision operating profit	63.8	52.4	+22%
Depreciation and amortisation	(8.5)	(6.4)	+32%
Non-recurring income/(expense)	1.6	5.8	(72)%
Net FX gain/(loss)	(17.9)	(2.3)	nm
Profit before tax	39.0	49.5	(21)%
Income tax expense	(13.9)	(13.7)	+2%
Net profit/(loss) after tax	25.1	35.8	(30)%
Adjusted EBITDA	114.1	107.1	+7%

Balance sheet



€ m	30 September 2018 (unaudited)	1 January 2018 (post IFRS 9, unaudited)	31 December 2017
Cash and cash equivalents, of which:	217.0	154.9	154.9
- Online	107.8	65.8	65.8
- TBI Bank	109.2	89.2	89.2
Placement with other banks	13.8	7.0	7.0
Gross receivables due from customers	699.0	686.4	761.3
Allowance for impairment	(158.2)	(157.5)	(170.1)
Net receivables due from customers, of which:	540.8	529.0	591.2
- Principal	514.4	502.6	556.7
- Accrued interest	26.5	26.4	34.5
Net investments in finance leases	8.0	10.5	10.5
Net loans to related parties	64.2	65.7	66.6
Property and equipment	9.0	10.1	10.1
Financial assets available for sale	19.0	18.4	18.4
Prepaid expenses	7.4	10.8	10.8
Tax assets	16.6	21.5	20.7
Deferred tax assets	37.1	33.3	29.4
Intangible IT assets	26.0	28.6	28.6
Goodwill	21.4	21.4	21.4
Other assets	43.6	57.3	57.3
Total assets	1,023.8	968.4	1,026.9
Loans and borrowings	477.2	465.0	470.2
Deposits from customers	285.1	271.0	271.0
Deposits from banks	17.9	—	—
Corporate income tax payable	12.1	19.8	19.8
Other liabilities	70.8	76.5	76.5
Total liabilities	863.2	832.3	837.5
Share capital	35.8	35.8	35.8
Retained earnings	152.1	135.0	188.3
Reserves	(27.2)	(32.3)	(32.3)
Total attributable equity	160.6	138.5	191.8
Non-controlling interests	0.1	(2.4)	(2.4)
Total equity	160.7	136.2	189.4
Total shareholders' equity and liabilities	1,023.8	968.4	1,026.9

Statement of Cash Flows

€ m	9M 2018 (unaudited)	9M 2017 (unaudited)	FY 2017
Cash flows from operating activities			
Profit before taxes	39.0	49.5	10.7
<i>Adjustments for:</i>			
Depreciation and amortisation	8.4	6.4	8.3
Impairment of goodwill and intangible assets	—	—	25.9
Net (gain) / loss on foreign exchange from borrowings and other monetary items	18.8	(24.8)	(30.1)
Impairment losses on loans	137.5	96.9	136.5
Reversal of provision on debt portfolio sales	(28.8)	(12.3)	(18.9)
Write-off and disposal of intangible and property and equipment assets	0.7	1.5	11.4
Provisions	(0.1)	(0.4)	(0.2)
Interest income from non-customers loans	(6.1)	(6.8)	(9.2)
Interest expense on loans and borrowings and deposits from customers	46.3	45.5	61.9
Non-recurring finance cost	—	—	6.3
Other non-cash items	2.5	—	0.4
Profit or loss before adjustments for the effect of changes to current assets and short-term liabilities	218.3	155.5	203.1
<i>Adjustments for:</i>			
Change in financial instruments measured at fair value through profit or loss (Increase) / decrease in other assets (including TBI statutory reserve, placements & finance leases)	(4.9)	22.4	24.6
Increase / (decrease) in accounts payable to suppliers, contractors and other creditors	(1.8)	(2.2)	(7.4)
Increase / (decrease) in accounts payable to suppliers, contractors and other creditors	(0.5)	(0.1)	7.6
Operating cash flow before movements in portfolio and deposits	211.2	175.6	227.9
Increase in loans due from customers	(187.2)	(179.9)	(267.2)
Proceeds from sale of portfolio	61.1	33.3	54.2
Increase in deposits from customers	31.6	26.5	33.8
Deposit interest payments	(2.6)	(3.1)	(4.5)
Gross cash flows from operating activities	114.1	52.4	44.2
Corporate income tax paid	(23.2)	(24.3)	(33.6)
Net cash flows from operating activities	90.9	28.1	10.5

Statement of Cash Flows (continued)

€ m	9M 2018 (unaudited)	9M 2017 (unaudited)	FY 2017
Cash flows used in investing activities			
Purchase of property and equipment and intangible assets	(5.0)	(12.8)	(13.1)
Loans issued to related parties	(2.3)	(0.6)	(4.3)
Loans repaid from related parties	7.4	2.3	10.9
Interest received from related parties	2.5	1.0	1.8
Disposal of subsidiaries, net of cash disposed	(0.1)	—	—
Acquisition of equity investments	—	(4.5)	(4.4)
Acquisition of non-controlling interests	(2.4)	—	—
Acquisition of subsidiaries, net of cash acquired	—	—	0.0
Prepayment for potential acquisition	20.8	—	(20.8)
Net cash flows from investing activities	21.0	(14.5)	(30.0)
Cash flows from financing activities			
Loans received and notes issued	0.5	299.9	163.7
Repayment and repurchase of loans and notes	(13.4)	(173.7)	(58.0)
Interest payments	(29.6)	(30.6)	(51.6)
Costs of notes issuance and premium on repurchase of notes	(0.1)	(19.2)	(5.8)
FX hedging margin	(2.7)	(14.0)	(8.8)
Dividend payments	(0.1)	(10.0)	(26.0)
Net cash flows used in financing activities	(45.5)	52.4	13.5
Net (decrease) / increase in cash and cash equivalents	66.4	66.0	(6.1)
Cash and cash equivalents at the beginning of the period	131.9	137.0	137.0
Effect of exchange rate fluctuations on cash	(0.6)	1.0	1.0
Cash and cash equivalents at the end of the period	197.7	204.0	131.9
TBI Bank minimum statutory reserve	19.3	23.0	23.0
Total cash on hand and cash at central banks	217.0	227.1	154.9

Key ratios – profitability

Profitability	9M 2018	9M 2017
ROAA, % * (1)	3.3%	4.7%
ROAE, % * (2)	22.5%	19.6%
ROATE, %	51.8%	36.6%
Interest Income/Average Interest Earning Assets, % (3)	68.5%	62.6%
Interest Income/Average Gross Loan Portfolio, % **	69.6%	63.0%
Interest Income/Average Net Loan Portfolio, % **	90.1%	83.1%
Interest Expense/Interest Income, %	12.8%	13.9%
Cost Of Funds, % (4)	7.3%	7.9%
Cost Of Interest Bearing Liabilities, % (5)	8.2%	8.8%
Net Spread, % (6)	60.3%	53.8%
Net interest margin, % ** (7)		
- Online	88.2%	66.2%
- TBI Bank	28.0%	26.3%
- Overall group	64.8%	54.2%
Net Fee & Commission Income/Total Operating Income, %	2.2%	2.6%
Net Fee & Commission Income/Average Total Assets, % *	1.0%	1.0%
Net Non-Interest Income/Total Operating Income, %	4.1%	4.9%
Net Non-Interest Income/Average Total Assets, % *	1.8%	1.9%
Recurring Earning Power, % * (8)	22.2%	17.8%
Earnings Before Taxes/Average Total Assets, % *	5.1%	6.5%

Notes:

* Normalised ratios adjusted to remove the effect of the one-off adjustments to intangible assets in Q4 2017 (for 2017 ratios) and adjusted to reflect the opening balance of 2018 balance sheet after IFRS 9 effects (for 2018 ratios)

**Current Period calculation is based on loan principal only. Prior period calculation is based on receivables (including accrued interest)

All ratios are annualised where appropriate

(1) Net Income of the period divided by Average Total Assets for the same period

(2) Net Income of the period divided by Average Total Equity for the same period

(3) Interest Earning Assets include: Placement with other banks and Gross Loan Receivables

(4) Interest expense of the Period divided by Average Total Liabilities for the same period

(5) Interest expense of the period divided by Average Interest Bearing Liabilities for the same period. Interest Bearing Liabilities include Loans and Borrowings and Deposits from customers and banks

(6) Interest income of the period divided by Average Interest Earning Assets for the same period less Cost of Interest Bearing Liabilities

(7) Net interest income divided by average gross loan principal (total gross loan principal as of the start and end of each period divided by two)

(8) Profit (Pre-discretionary bonus) before Net impairment losses of the period divided by Average Total Assets for the same period

Key ratios – efficiency

Efficiency	9M 2018	9M 2017
Total Assets/Employee, (in thousands of €) *	342	315
Total Operating Income/Employee, (in thousands of €)	146	115
Cost/Income Ratio,% ⁽¹⁾	52.1%	56.3%
Total Recurring Operating Costs/Average Total Assets, % *	22.9%	22.0%
Total Operating Income/ Average Total Assets, % *	44.0%	39.1%
Total Recurring Cash Costs/Average Total Assets, % * ⁽²⁾	22.9%	22.0%
Net Income (Loss)/Employee, (in thousands of €) *	11	14
Personnel Costs/Average Total Assets, % *	10.7%	9.1%
Personnel Costs/Total Recurring Operating Costs, %	46.7%	41.4%
Personnel Costs/Total Operating Income, %	24.3%	23.3%
Net Operating Income/Total Operating Income, % *	47.9%	43.7%
Net Income (Loss)/Total Operating Income, % *	7.6%	12.1%
Profit before tax (Loss)/Interest income, % *	10.8%	15.1%

Notes:

* *Normalised ratios adjusted* to remove the effect of the one-off adjustments to intangible assets in Q4 2017 (for 2017 ratios) and adjusted to reflect the opening balance of 2018 balance sheet after IFRS 9 effects (for 2018 ratios)

All ratios are annualised where appropriate

(1) Operating costs divided by operating income (revenue)

(2) Total Recurring Operating Costs plus Discretionary Bonus Pool less Depreciation & Amortisation of the period divided by Average Total Assets for the same period

Key ratios – asset quality

Asset Quality	9M 2018	9M 2017
Cost of Risk, % ⁽¹⁾		
- Online	23.7%	18.9%
- TBI	8.6%	5.3%
- Overall group	18.1%	14.8%
Gross NPL ratio, % ⁽²⁾		
- Online	22.2%	36.9%
- TBI	15.4%	10.3%
- Overall group	19.6%	28.5%
Loan Loss Reserve/Gross Receivables from Clients, %	22.6%	22.9%
Average Loan Loss Reserve/Average Gross Receivables from Clients, %	22.8%	24.3%
Net impairment / interest income, % ⁽³⁾	25.9%	23.6%

Notes:

All ratios are annualised where appropriate

(1) Cost Of Risk (Receivables only) equals Net Provision For Loan Receivables Loss divided by Average Gross Receivables for the same period

(2) Non-performing receivables (including accrued interest) with a delay of over 90 days divided by gross receivables (including accrued interest)

(3) Net impairment charges on loans and receivables divided by interest income

Key ratios – liquidity and capitalisation

Liquidity	9M 2018	9M 2017
Net Loan Receivables/Total Assets, % *	52.8%	51.2%
Average Net Loan Receivables/Average Total Assets, % *	53.7%	52.0%
Average Net Loan Receivables/Average Client Balances & Deposits, %	192.4%	211.6%
Net Loan Receivables/Total Deposits, %	189.7%	214.7%
Net Loan Receivables/Total Liabilities, %	62.7%	67.1%
Interest Earning Assets/Total Assets, % *	69.6%	66.5%
Average Interest Earning Assets/Average Total Assets, % *	70.6%	69.0%
Liquid Assets/Total Assets, % * ⁽¹⁾	22.5%	21.1%
Liquid Assets/Total Liabilities, %	26.7%	27.7%
Total Deposits/Total Assets, % *	27.8%	23.8%
Total Deposits/Total Liabilities, %	33.0%	31.3%
Total Deposits/Shareholders' Equity, Times *	1.8x	1.0x
Leverage (Total Liabilities/Equity), Times *	5.4x	3.2x
Tangible Common Equity/Tangible Assets, % * ⁽²⁾	8.1%	14.5%
Tangible Common Equity/Net Receivables, %	14.1%	25.2%
Net Loan Receivables/Equity, Times *	3.4x	2.1x

Capitalisation and ICR	9M 2018	9M 2017
Total Equity/Total Assets, % *	15.7%	23.8%
Total Equity/Net receivables, % *	29.7%	46.5%
TBI Bank consolidated capital adequacy ratio, % ⁽³⁾	24.1%	24.1%
Adjusted interest coverage, Times ⁽⁴⁾	2.5x	2.4x

Notes:

* *Normalised ratios adjusted* to remove the effect of the one-off adjustments to intangible assets in Q4 2017 (for 2017 ratios) and adjusted to reflect the opening balance of 2018 balance sheet after IFRS 9 effects (for 2018 ratios)

All ratios are annualised where appropriate

(1) Liquid Assets include Cash and Cash Equivalents and Placements with other banks

(2) Tangible Equity is Total Equity less Intangible Assets. Tangible Assets are Total Assets less Intangible Assets

(3) TBI Bank (Tier One Capital + Tier Two Capital) divided by Risk weighted assets (calculated according to the prevailing regulations of the Bulgarian National Bank)

(4) Adjusted EBITDA divided by interest expense

Asset quality and provisioning – loan principal

	30 September 2018				1 January 2018 (post IFRS 9)				31 December 2017			
	Gross amount	Impairment allowance	Net amount	% of Gross Amount	Gross amount	Impairment allowance	Net amount	% of Gross Amount	Gross amount	Impairment allowance	Net amount	% of Gross Amount
<i>In millions of €, except percentages</i>												
Online principal												
Performing ⁽¹⁾	309.5	(48.8)	260.8	79.1%	317.7	(49.3)	268.4	79.1%	317.7	(30.2)	287.5	68.1%
Non-performing ⁽²⁾	82.0	(60.0)	22.0	20.9%	84.0	(66.4)	17.5	20.9%	148.8	(98.3)	50.5	31.9%
Online total	391.5	(108.8)	282.7	100.0%	401.7	(115.8)	285.9	100.0%	466.5	(128.6)	337.9	100.0%
TBI Bank principal												
Performing ⁽¹⁾	223.4	(9.7)	213.7	84.6%	209.0	(6.8)	202.2	87.3%	209.0	(4.3)	204.7	87.3%
Non-performing ⁽²⁾	40.6	(22.6)	18.0	15.4%	30.3	(15.8)	14.5	12.7%	30.3	(16.2)	14.1	12.7%
TBI Bank total	264.0	(32.3)	231.6	100.0%	239.3	(22.6)	216.7	100.0%	239.3	(20.5)	218.8	100.0%
Overall group principal												
Performing ⁽¹⁾	532.9	(58.5)	474.4	81.3%	526.7	(56.2)	470.6	82.2%	526.7	(34.5)	492.2	74.6%
Non-performing ⁽²⁾	122.6	(82.6)	39.9	18.7%	114.2	(82.2)	32.0	17.8%	179.1	(114.5)	64.6	25.4%
Overall total	655.5	(141.1)	514.4	100.0%	641.0	(138.4)	502.6	100.0%	705.8	(149.0)	556.7	100.0%

Notes:

(1) Performing receivables 0-90 DPD

(2) Non-performing receivables 91+ DPD

Glossary/Definitions

- **Adjusted EBITDA** – a non-IFRS measure that represents EBITDA (profit for the period plus tax, plus interest expense, plus depreciation and amortization) as adjusted by income/loss from discontinued operations, non-cash gains and losses attributable to movement in the mark-to-market valuation of hedging obligations under IFRS, goodwill write-offs and certain other one-off or non-cash items. Adjusted EBITDA, as presented here, may not be comparable to similarly-titled measures that are reported by other companies due to differences in the way these measures are calculated. Further details of covenant adjustments can be found in the relevant bond prospectuses, available on our website
- **Adjusted interest coverage** – Adjusted EBITDA / interest expense
- **Cost of risk** – Annualised net impairment loss / average gross receivables (total gross receivables as of the start and end of each period divided by two)
- **Cost / income ratio** – Operating costs / operating income
- **Equity / assets ratio** – Total equity / total assets
- **Equity / net receivables** – Total equity / net customer receivables (including accrued interest)
- **Gross NPL ratio** – Non-performing receivables (including accrued interest) with a delay of over 90 days / gross receivables (including accrued interest)
- **Gross receivables** – Total amount receivable from customers, including principal and accrued interest, after deduction of deferred income
- **Intangible assets** – consists of deferred tax assets, intangible IT assets and goodwill
- **Interest income** – Interest and similar income generated from our customer loan portfolio
- **Loss given default** – Loss on non-performing receivables (i.e. 1 - recovery rate) based on recoveries during the appropriate time window for the specific product, reduced by costs of collection, discounted at the weighted average effective interest rate
- **Net impairment to interest income ratio** – Net impairment losses on loans and receivables / interest income
- **Net interest margin** – Annualised net interest income / average gross loan principal (total gross loan principal as of the start and end of each period divided by two)
- **Net receivables** – Gross receivables (including accrued interest) less impairment provisions
- **Non-performing loans (NPLs)** – Loan principal or receivables (as applicable) that are over 90 days past due
- **Normalised** – Adjusted to remove the effect of the one-off adjustments to intangible assets in Q4 2017 (for 2017 ratios) and adjusted to reflect the opening balance of 2018 balance sheet after IFRS 9 effects (for 2018 ratios)
- **Overall provision coverage** – Allowance account for provisions / non-performing receivables
- **Profit before tax margin** – Profit before tax / interest income
- **Return on Average Assets** – Annualised profit from continuing operations / average assets (total assets as of the start and end of each period divided by two)
- **Return on Average Equity** – Annualised profit from continuing operations / average equity (total equity as of the start and end of each period divided by two)
- **Return on Average Tangible Equity** – Annualised profit from continuing operations / average tangible equity (tangible equity as of the start and end of each period divided by two)
- **Tangible Equity** – Total equity minus intangible assets
- **TBI Bank Capital adequacy ratio** – (Tier One Capital + Tier Two Capital) / Risk weighted assets (calculated according to the prevailing regulations of the Bulgarian National Bank)

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