4. Business case



Economies of scale!



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Drivers of innovation

What is desirable to users? New experiences, better experiences, choice of products

Innovation

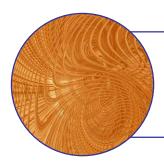
What is possible with technology? New boundaries What is viable in the marketplace? Business models, competitive advantages



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Barriers to overcome





Complexity of infrastructures and decision-making process



BANCO DE PORTUGAL

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Trends in the payments landscape

Further digitalisation

- Increase in e-commerce, social networks, online activity
- Demand for suitable payment solutions, e-identification



Mobile solutions

- Increase in ownership of mobile devices
- Mobile banking, mobile contactless, mPOS terminals, P2P



Focus on speed and user-friendliness, new trends

- Speed at the POS (contactless), instant, (possibly) blockchain
- Aliases, one-click-buy, biometrics

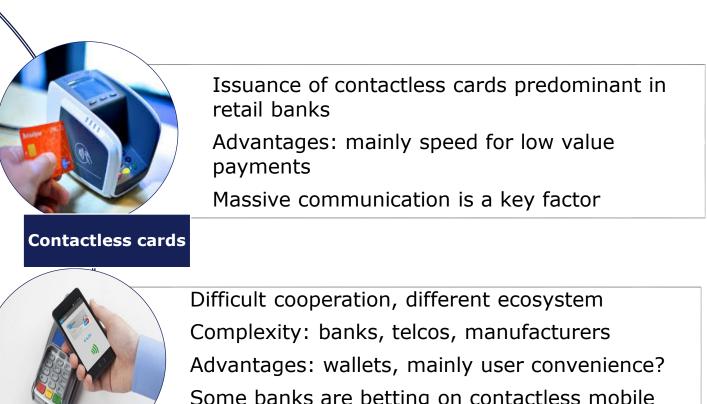


New market participants

- Fintech & big tech
- Impact of PSD2/access to the account by third parties



What do we see in NL and PT (1)?



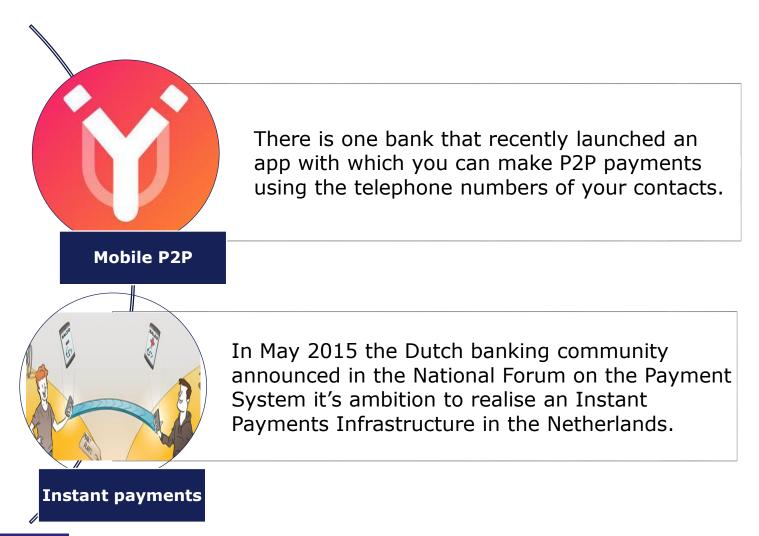
Contactless mobile

Some banks are betting on contactless mobile payments. But only few on a large scale



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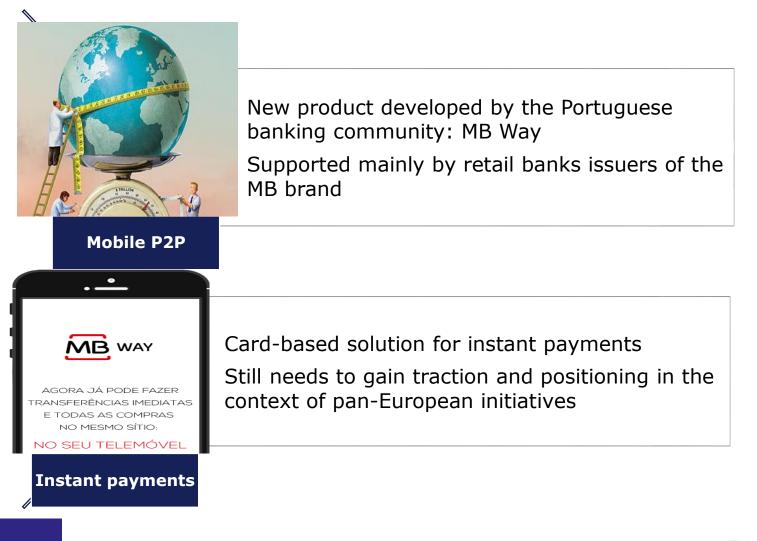
What do we see in NL and PT (2)?







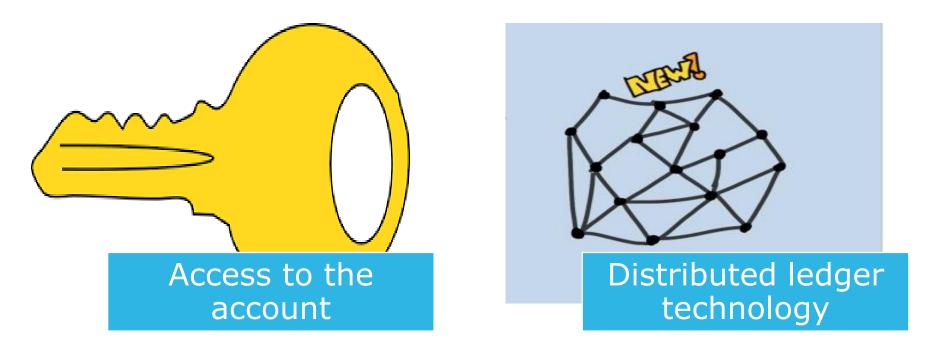
What do we see in NL and PT (3)?





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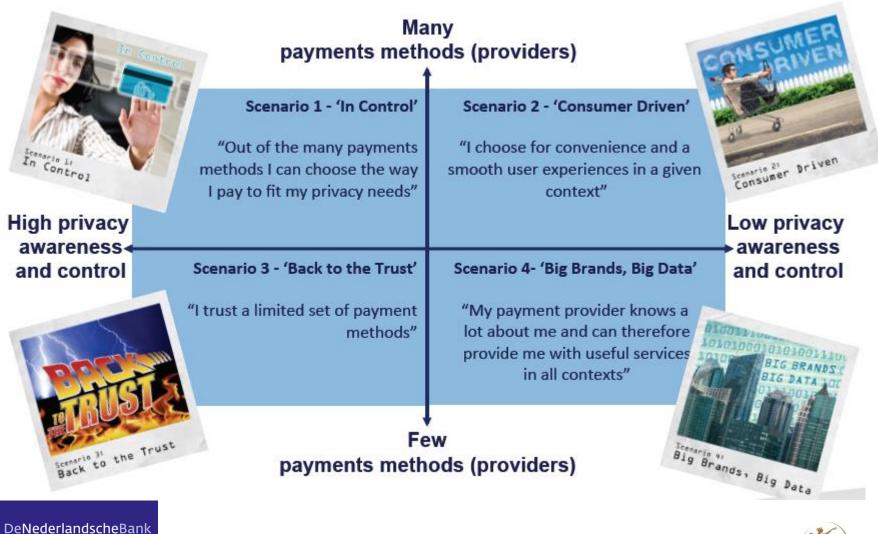
Potential game changers (for the medium term)





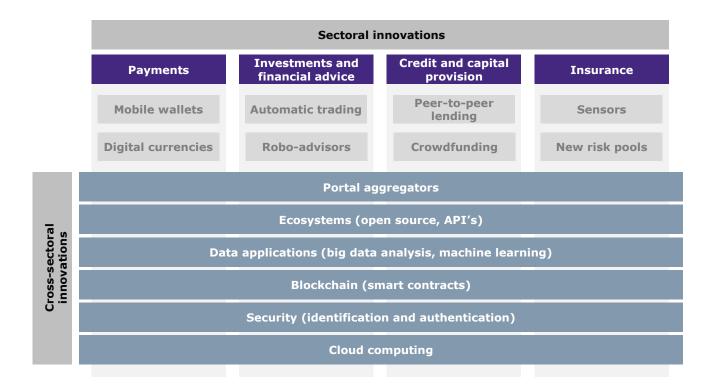
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"Shopping2020": four future scenarios





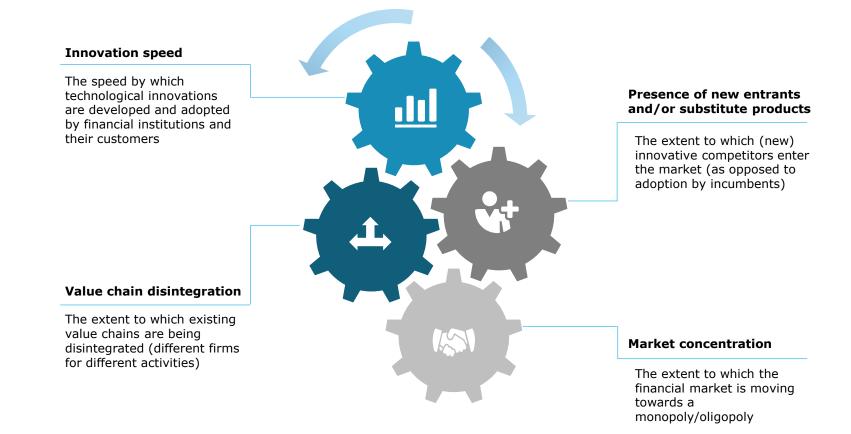
Innovations are applied within and across financial market segments







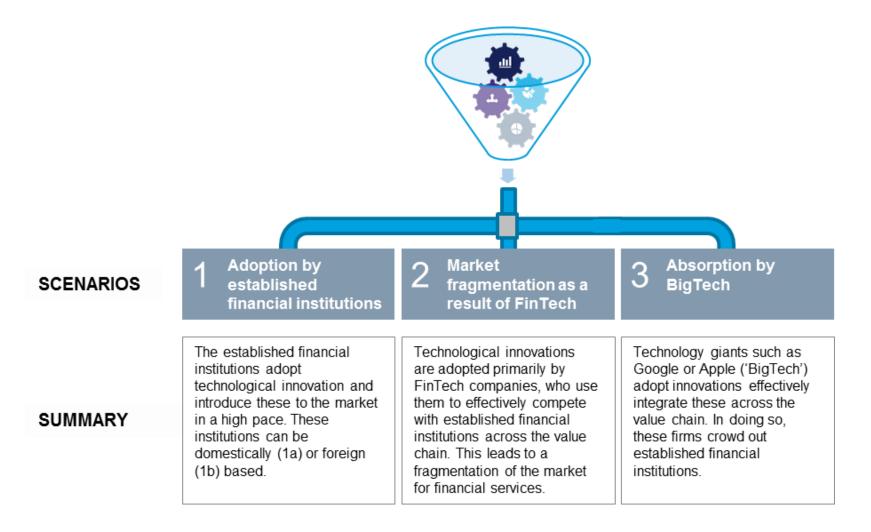
A scenario analysis based on four parameters







Scenario analysis: overview







Technological innovation has positive and negative implications





