### 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

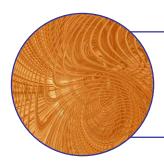
What is possible with technology? New boundaries What is viable in the marketplace? Business models, competitive advantages



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## Barriers to overcome





Complexity of infrastructures and decision-making process



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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

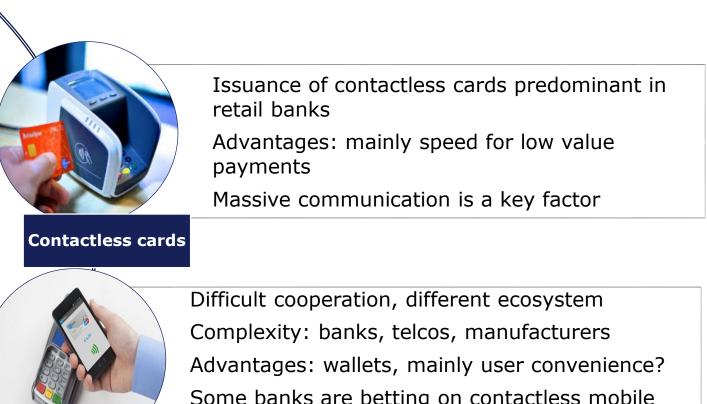


#### New market participants

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



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



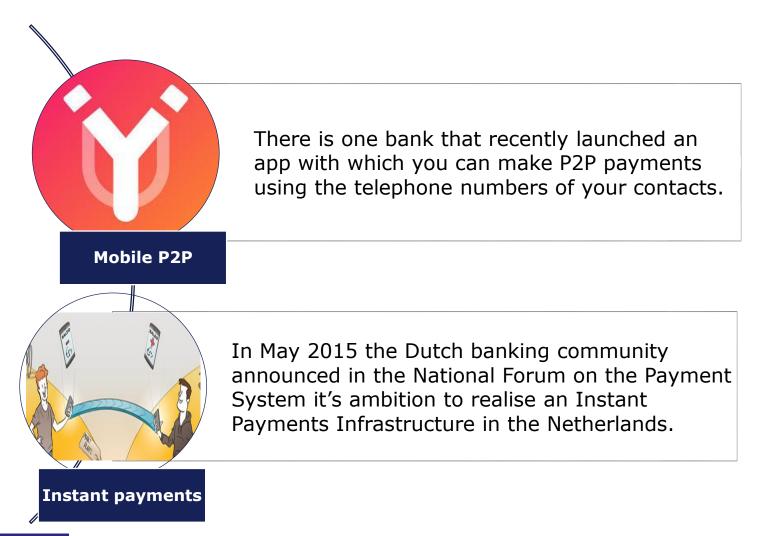
**Contactless** mobile

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



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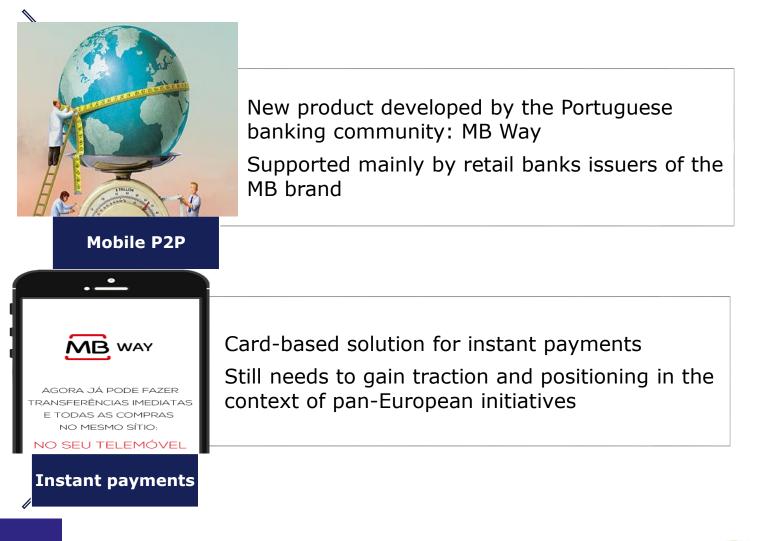
### What do we see in NL and PT (2)?







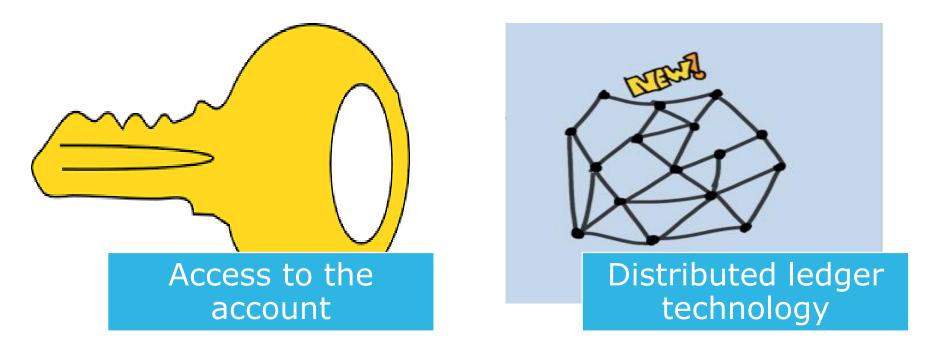
### What do we see in NL and PT (3)?





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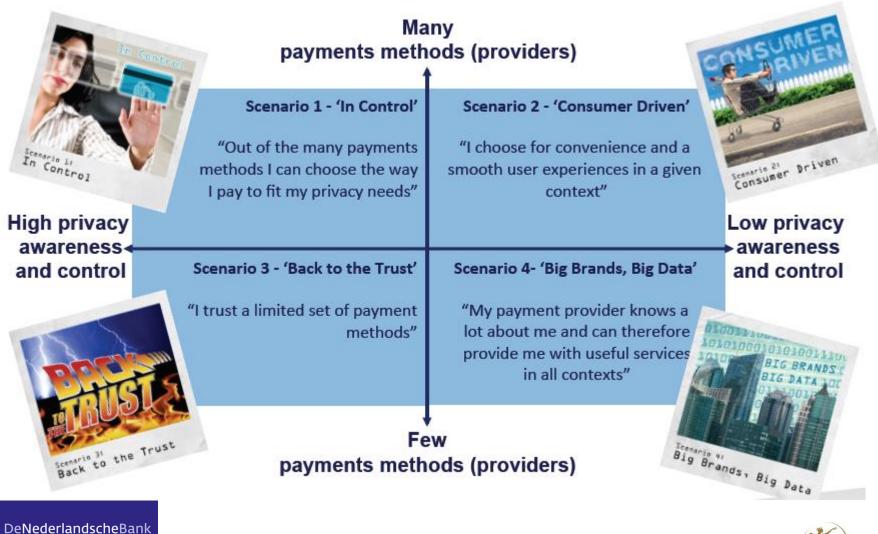
# Potential game changers (for the medium term)





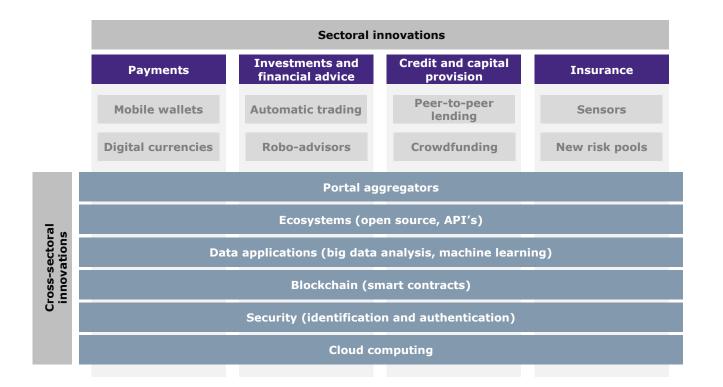
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## "Shopping2020": four future scenarios





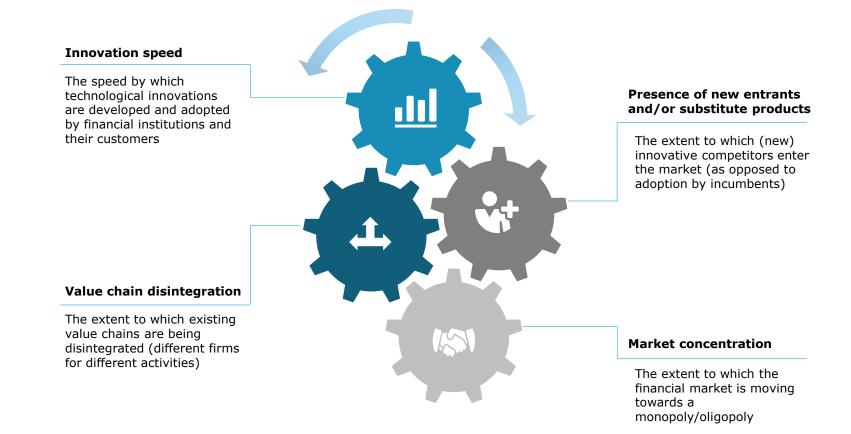
# Innovations are applied within and across financial market segments







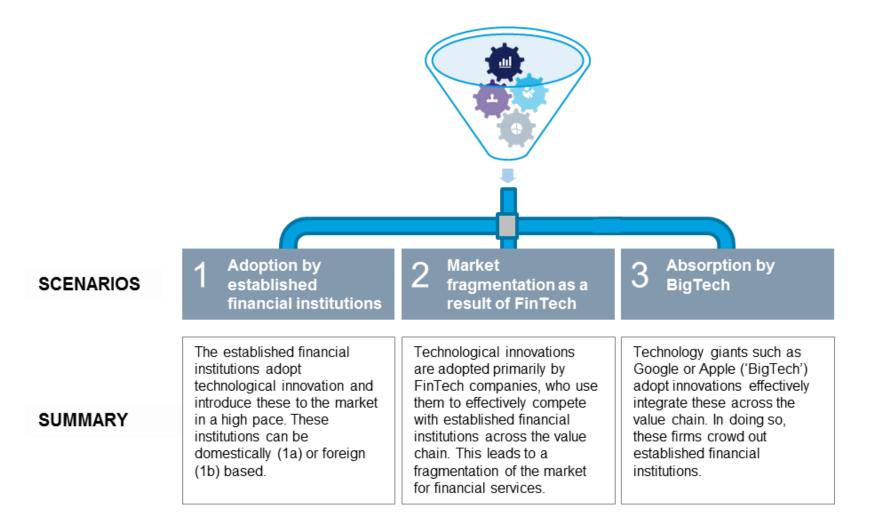
# A scenario analysis based on four parameters







## Scenario analysis: overview







# Technological innovation has positive and negative implications





