Distribution of Mortgages in Europe

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in cooperation with

Achim Dübel FinPolConsulting

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Content

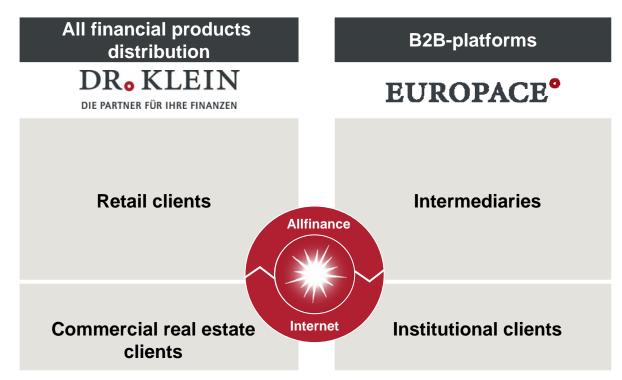
1. Introduction

- 2. Mortgage markets and mortgage distribution in Europe
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- 5. Conclusions Winning models in mortgage distribution
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Hypoport is an internet based fianancial services provider

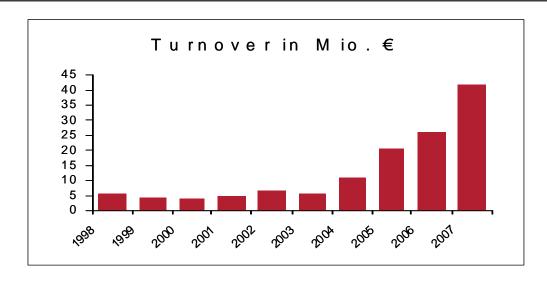
Two companies and four business units

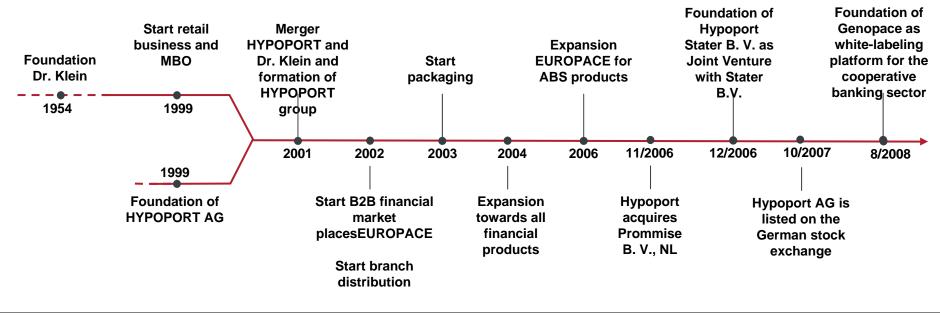




Dr. Klein & Hypoport: the realisation of a vision

Milestones of company development





The entire career within the mortgage industry

Curriculum vitae

Martin Damaske (41 years)

1988 - 1998	Diploma in physics / Diploma in economics
1998 - 2001	Selfemployed management consultant and project manager mainly working for Institute for Services Management GmbH (IFDM), Berlin
2001	Project manager Freie Hypo AG, Berlin (renamed into Hypoport AG)
2002 - 2008	Member of the Group Executive Board Hypoport AG, Berlin

- Responsible for business unit "Institutional Clients" focus: securitisation software and mortgage consulting
- Member of the board, Hypoport Capital Market AG, Berlin development of a webbased securitisation platform with ABS-deal-information and analysis functionalities
- Member of the board, Dr. Klein & Co. Capital AG, Berlin implementatin of a pooling platform for multi-family CMBS-mortgages

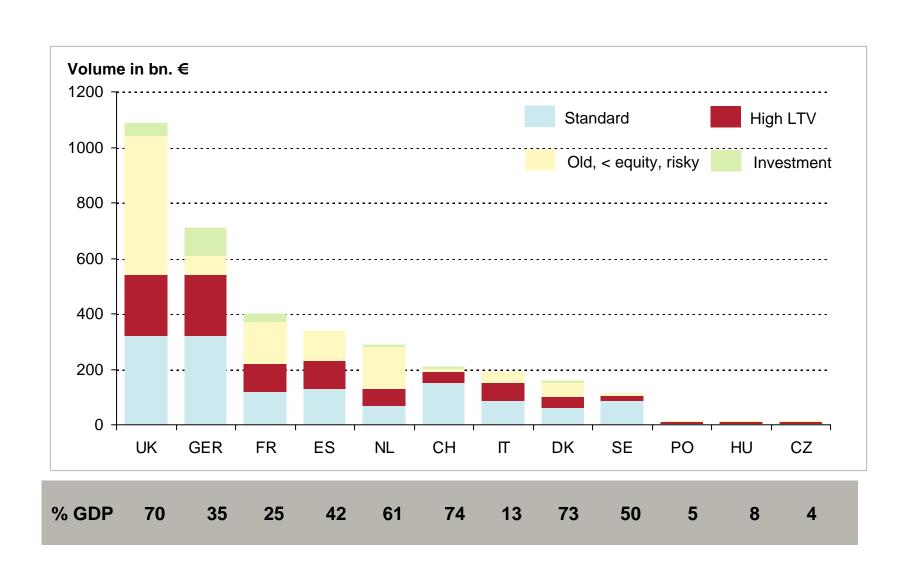
2009 - ... ???

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Mature markets have highly diversified products

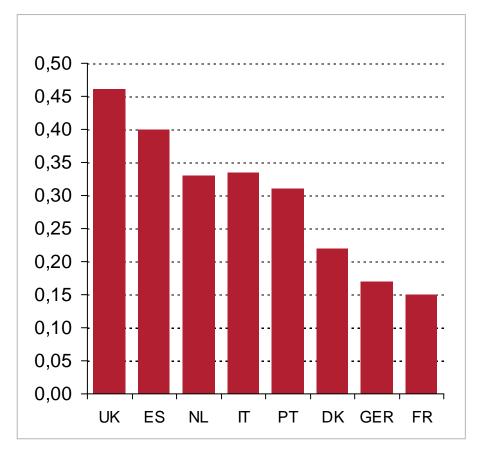
Estimated volume of mortgages separated by risk classes in 2003



Everything below 30 bp doesn't make any sense

Average margins across Europe in 2003

Basis points



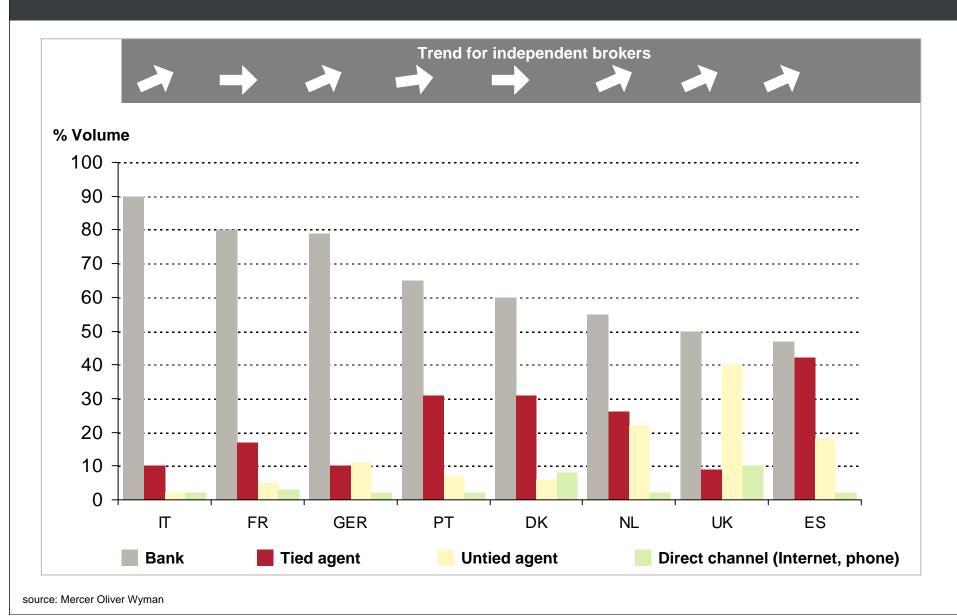
Reasons for margins

- Market structure
- Subventioning of products
- Productportfolio
- Use of "economies of scale" by concentration or outsourcing
- Variable sales costs
- Usage of specialists across the value generation chain

Quelle: EMF Hypostat, Merrill Lynch, CML, Bundesbank, Banque de France, Insee, Gemi Report, DNB, SNB, Mercer

Untied agents will win in any country

Distribution channels in Europe



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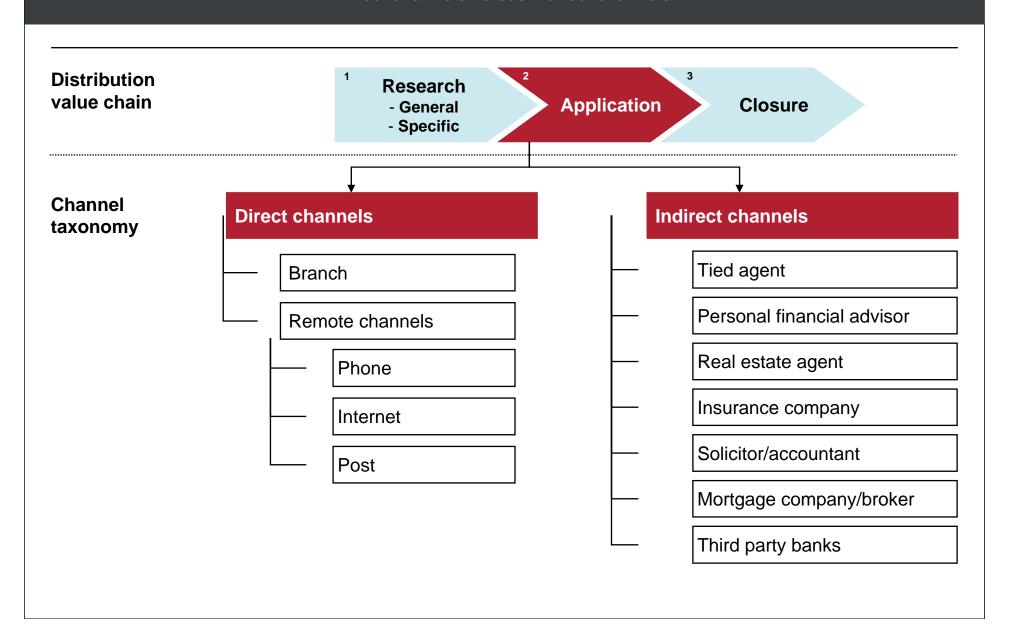
Indirect channels have grown their market-share at the expense of branches

Trends in mortgage distribution in Europe

- The traditional bank branch is losing ground
 - Alternative distribution channels have gained significant share in some of the European markets
 - Third party distribution now accounts for over 40% of lending (over €500 BN pa)
 - Further growth and increasing consolidation of intermediary market expected
- Trend towards remote distribution
 - Phone and internet distribution has established a small share of applications among more sophisticated consumers
 - Longer-term trend towards remote distribution in particular online
 - Remote channel share driven by financial sophistication, IT access and security, technological advancement and lender appetite
- Banks forced to react
 - Increased focus on serving intermediaries
 - Greater investment in remote distribution as part of a multi-channel strategy

The important question is: who cares for the application

Direct channels versus indirect channels



Tied versus independent intermediaries

Definitions I

- Tied agents: advisors who are contractually or through other incentives permanently linked to one specific financial institution.
 - In Spain, many tied agents are operating under a branch franchise model of the large Spanish banks but are classified as 'indirect'
- Independent agents: offer advice on mortgages to a number of different institutions.
 - Loan brokers focus on mortgages/retail lending, often combined with insurance.
 - Personal financial advisors: provide financial advice to typically affluent customers; mortgages are typically side-product
 - Real estate agents: often work together with real estate developers to provide mortgage advice to buyers of new property; oldest indirect channel, but fraught with conflicts of interest
 - Insurance companies: sell mortgages due to the close link with life insurance products
 - Banks: banks may decide to cease to produce loans or both distribute and produce depending on the product and/or customer segment.
 - Other: such as solicitors / accountants or mortgage companies

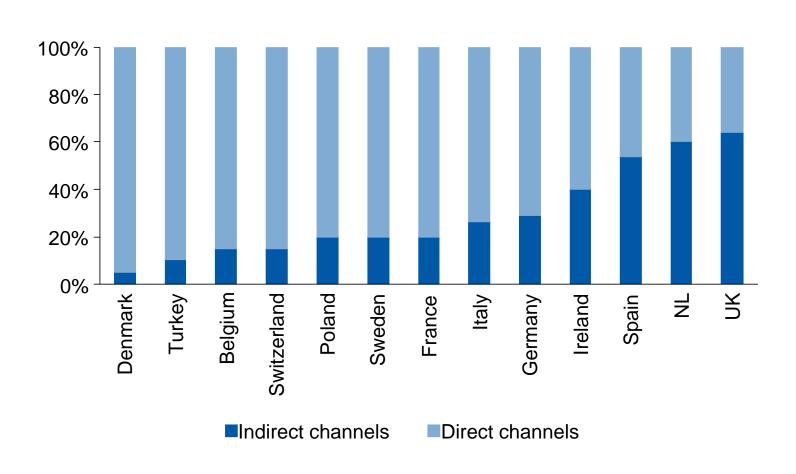
Intermediaries can take over many roles

Definitions II

- With regard to services for lenders one a traditional taxonomy distinguishes:
 - 'Introducers' who merely establish contact between consumer and lender
 - 'Packagers' who provide lenders with additional support, e.g. ranging from customer application and documentation collection to full application processing.
- With regard to **consumer services**, it would be appropriate to distinguish between:
 - 'Advisors', who focus on providing the consumer with an (individually) optimum choice for his product and lender selection problem
 - 'Wholesalers', a class of intermediaries whose model consists of pre-selecting a range of different lenders in order to minimize rates while establishing a reasonably wide product choice for the typical, rather than an individual, consumer.

Indirect channels now account for over 40% of European mortgage distribution

Mix of application distribution channel by country, 2006



Source: Oliver Wyman research, lender survey

The mature broker market

Case: UK Distribution Market

- 70% of all UK mortgages are going through intermediary channels
 - 7,147 firms (from small firms to networks)
 - 25,000 individual practitioners
- Different types of firms
 - Sole practitioner intermediary firms
 - Network: Appointed Representative
 - Mortgage clubs: service and commission clubs on a "as and when" basis
 - Mortgage packagers: present themselves as distributors rather than a 3rd party administrators.
 They focus more and more on negotiating products (enhances service levels, enhanced procfees)
- Main advantages for lenders
 - Scale of distribution: intermediaries provide national distribution reach
 - Cost effectiveness: only paying for success
 - White labelling: product don't have to be offered under own name brand

The fast growing broker market

Case: German Distribution Market

- B2C
- Mortgage loan brokerage:
 - late 1990s and early 2000s. Two independent brokers - Interhyp and Dr. Klein.
 - Bank-owned broker Planethome and CreditWeb.
- Personal finance advisors (PFA) aim at serving upper middle class clients:
 - developed in Germany in the 1970s, with MLP (Marschallek, Lautenschläger & Partners) pioneering the market. Today, MLP, DVAG, AWD, OVB and MPC Capital (not active in consumer finance) are the largest PFA.
- Fee origination by banks:
 - 1500 cooperative banks that operate in an estimated 50% of mortgage originations as points of sales in their networks for the mortgage banks, Bausparkassen and consumer finance banks that they jointly own.

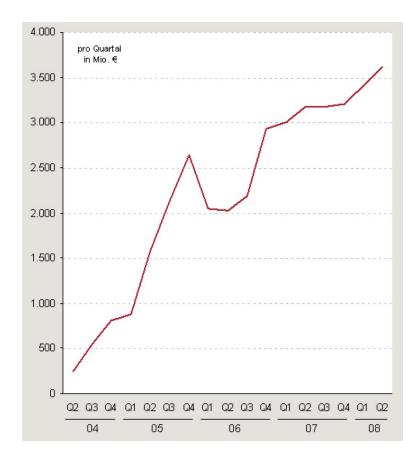
- Intra-network agreements between different lender types (Bausparkasse, Hypothekenbank, Genossenschaftsbank or Sparkasse) to originate for each other.
- Mortgage banks as capital market specialists without own branch networks used to work with developers systematically in the 1980s and 90s. But the model ceased to exist due to risk reasons and decreasing competitiveness of mortgage banks in the retail market.
- "Direct banks" (call center banks) owned by banks.
- Real estate agents, developers and other nonfinancial firms play a decreasing role.

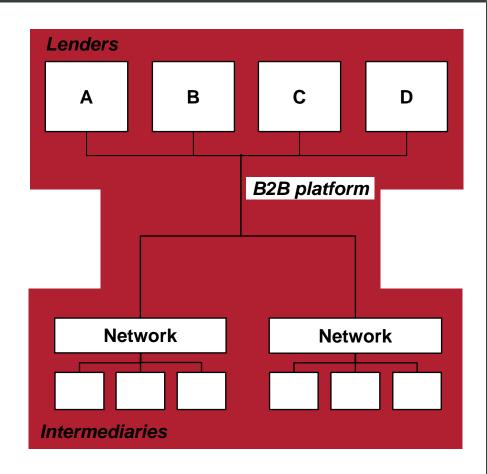
B2B:

 Matching platforms such as Europace (see text box below) today also enable traditional lenders to become fee originators for other lenders.

Linking lenders and intermediaries together and providing an efficient process

Key features of the B2B-platform EUROPACE



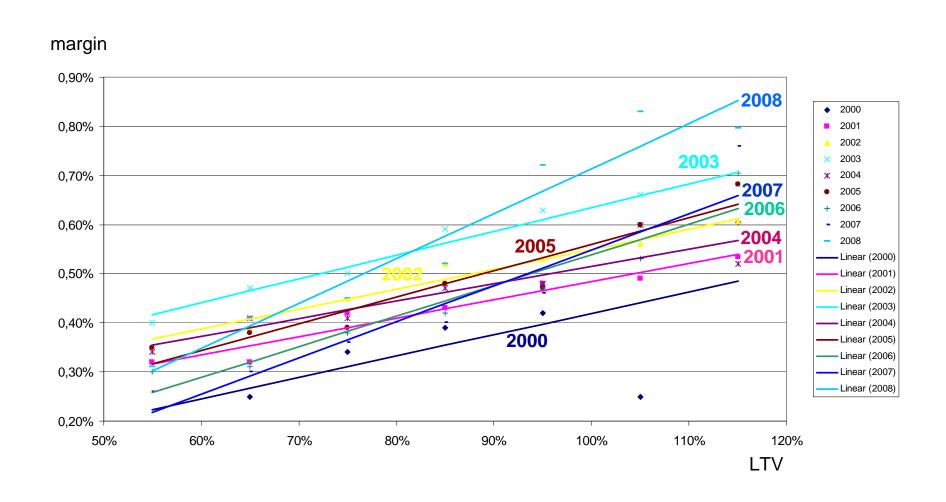


Functions:

- Matching (B2C)
- Lender-intermediary negotiation
- Other services for lenders/intermediaries
- Documentation standards

Most of the consolidation is done

Margins depending on LTV (2001 – 2006)



source: EUROPACE

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Lenders have to think about their strengths and positioning

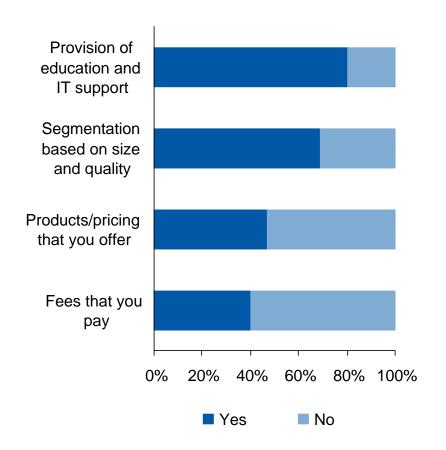
New challenges for lenders

- How can banks ensure that the branch is effective in mortgage and cross-sales?
- What can be learnt from intermediary markets such as the UK and the Netherlands?
- Which models are most effective in managing the relationship with intermediaries?
- How can the use of remote channels be optimised in sales or lead generation?
- What tools and processes can help retain customers in a more aggressive environment?
- How can lenders maintain price control in a more transparent, more intermediated market?
- What strategies are available to defend pricing against downward pressure?
- How can mortgage operations be leveraged into new markets, and what restrictions does distribution place on expansion?
- What business models will be successful in the future?

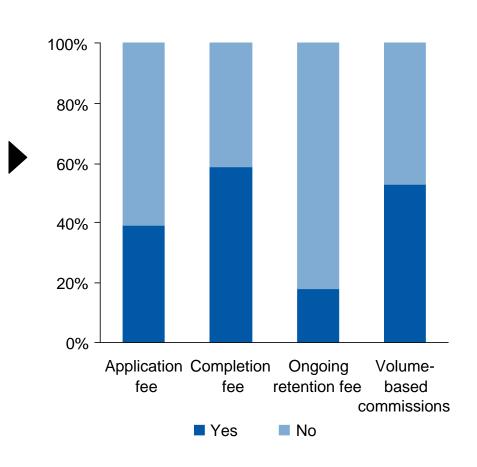
Business models to maximise intermediary share

How to manage the growing intermediaries





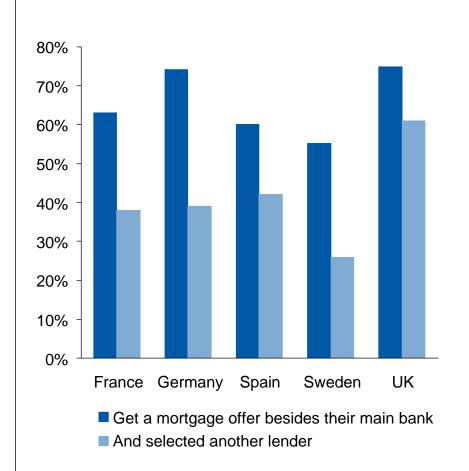
... and using alternative intermediary incentive models to attract volumes



Source: Oliver Wyman lender survey 2006

Customer retention is receiving much greater focus among mortgage lenders

Proportion of customers shopping around and switching mortgage provider



- Greater tendency for customers to shop around
 - Increased financial sophistication and awareness
 - Growth of intermediary segment
 - Greater price transparency
- Significant investment in customer retention by lenders
 - Better pricing
 - Reactive retention teams
 - Customer tracking and proactive retention offers
 - Prepayment modelling

Source: Online customer survey

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Dr. Klein uses the most efficient channels to generate traffic on its website

Online-Marketing: Six acquisition channels to generate a lead

Search engines	Inte	Integration with other websites		
9	vord- Banner- kage advertise- ments	Affiliate- - marketing	Cooperation- management	Newsletter/ (E-mail- marketing)
Techniques to optimise the placement in searchengines Payed constitive tisement tisement search-e	banner advers at tisements on	r- partnerprogram with small and	Individual labeling- cooperations with bigger websites	Activation of existing clients and interested persons by sending them a newsletter

www.drklein.de www.vergleich.de

Leads

(interested person into a financial product)

Lead-optimisation by a strong e-marketing-competenz

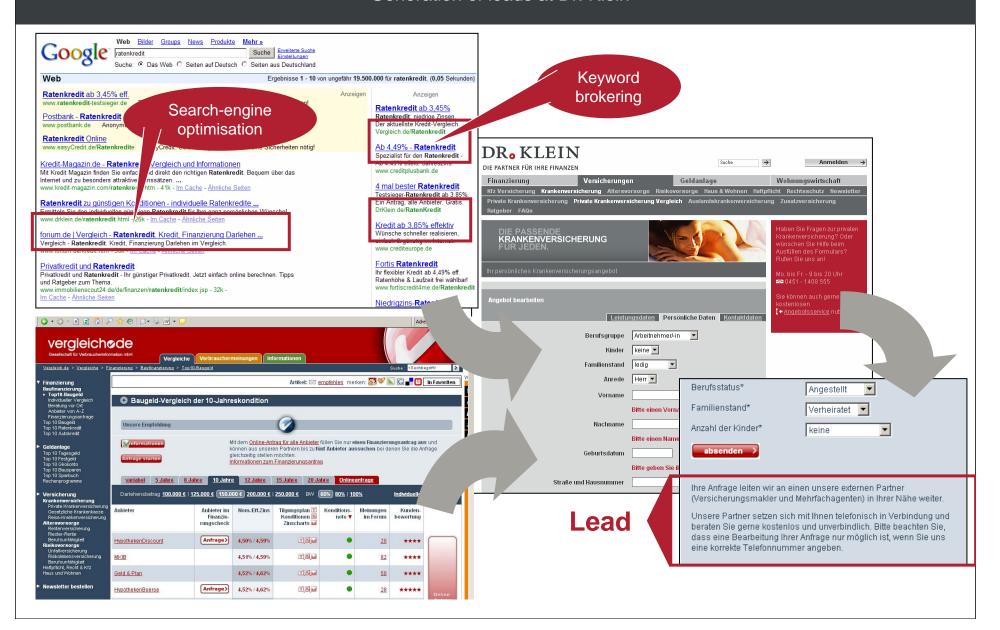
Process of lead optimisation at Dr. Klein



- Many years of experience in generating a lead
- Economics of generation of a lead is highest priority
- Optimisation of the conversion rate by variations of lead-generating actions
- Higher revenue per lead allows paying a higher price for generating a lead (for example at an action at google)

Traffic is converted into leads efficiently

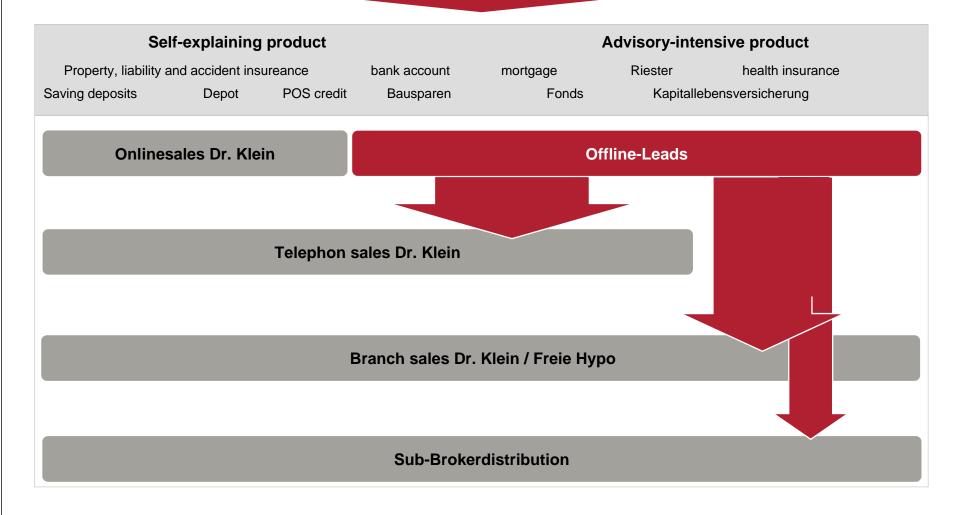
Generation of leads at Dr. Klein



Lead-processing via different sales channels

Cross-channeling

Leads



Freie Hypo: specialised & regional mortgage distribution with customer contact

Basics of the regional sales channel of Dr. Klein: Freie Hypo

- Regional distribution, more than 100 franchisees in Germany
- Focus and Claim:
 Freie Hypo competent. cheap. regional.
- Specialised offering in loans
- Franchisepartner: self-employed people with mortgage background and need for a strong brand





All sales channels are centrally managed

Internal orginisation

Central Marketing (Online/Offline/PR)

Processing via —EUROPACE •-



Direct sales



Spezial sales



Partner sales

vergleich∉de

Online sales

OPERATIONS

- **Processes**
- Quality assurance
- Sales-Support
- **Customer Care Center**

Sales Support

Central Supportprocess ensures Dr. Klein's growth

Sales Support Sales-Bank-General Incomming Outgoing Data Prechecking dialog support mail mail collection support Processing of Questions Packaging and Until closing Printing of offers File generation incomming mail regarding input Plausibilisation stamping of and shipping of loan into Europace (online) mail Processing of Input into client Loan contract Maintenance Checking Closing until incomming mail relationship printing and of lender Post completeness pay-out (online) mgmt. system shipping parameters Statistics of Additional docu-Provision Predocument **United Parcel** incomming ment request Follow-ups clearing generation Service (if not complete) requests Europace Europace Sorting statuses data gathering (z.Zt. B.O.) Condition Documentation Allocation locking archive Allocation to teams

Salesdocumentation (with Nautilus 4 of Gedilan)

Dr. Klein offers a comprehensive product- and services spectrum

Added value of Dr. Klein

Dr. Klein offers retail clients:

- product- and services spectrum
- Development of individual financial solutions
- High advisory quality and good margins
- > Access to different lenders



Dr. Klein offers lenders:

- Reduction of effotrs for sales and client relationship management
- Selection of the applications within the market regarding the product offering of the individual lender
- Transparent summary of the application for a fast and efficient credit decision
- No costs for applications that are not closed
- > Growth of traffic and leads due to higher acceptance of the internet
- Increasing the added value by expansion of own distribution units and the franchise network
- German market development already leads to a basic growth

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EUROPACE is an established marketplace

Large network of distributors and lenders

Distributors

>30 large distribution organisations with app. 7,000 units and more than 10,000 agents are utilizing EUROPACE for advisors in order to transact housing and personal finance products.

Mortgage brokers

Independent advisors

Packagers

Tied agents

Lender's distributors

Insurance companies

Building societies

Lenders

>20 lenders offering a variety of 11 products to distributors via the platform.

Commercial banks

Specialised banks

Insurance companies

Mortgage banks

Buliding societies



Results

Currently more than app. 1 billion Euro financial transactions per month and more than 200 bilateral business connections A business relationship can only be effective if a distributor and a lender set up a mutual agreement on EUROPACE.

EUROPACE covers the entire business processes of our partners

Services of the EUROPACE platform for credit products

Distribution

- Structures within sales entities
- Advisory and product selection
- Pre-Scoring, automatic evaluation & conditions
- Online-closing and contract printing
- · Commission clearing
- Communication and documentation
- Process management

EUROPACE

Lenders

- Selection of distributors
- Product offerings
- · Lending criteria
- Precondition for paying out a loan
- Textmodules for contracts
- Schufa and Rating
- · Credit decision
- Communication and documentation
- Process management

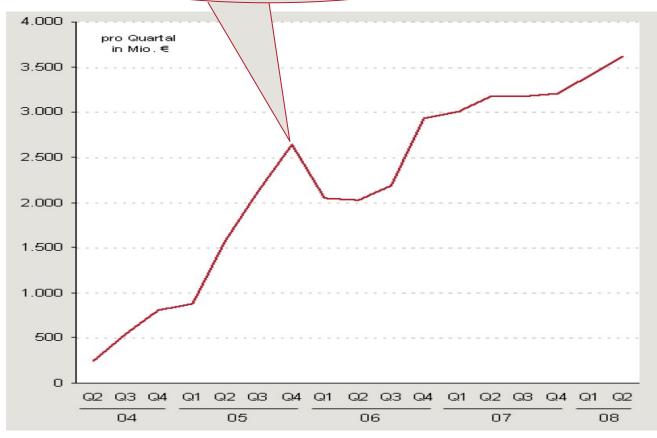
High market entry barriers for competitors by market place effect, best technology and integration into the banking systems

Around 10 bn p.a. private real estate financing via EUROPACE

Real estate financing via EUROPACE – volume in million €

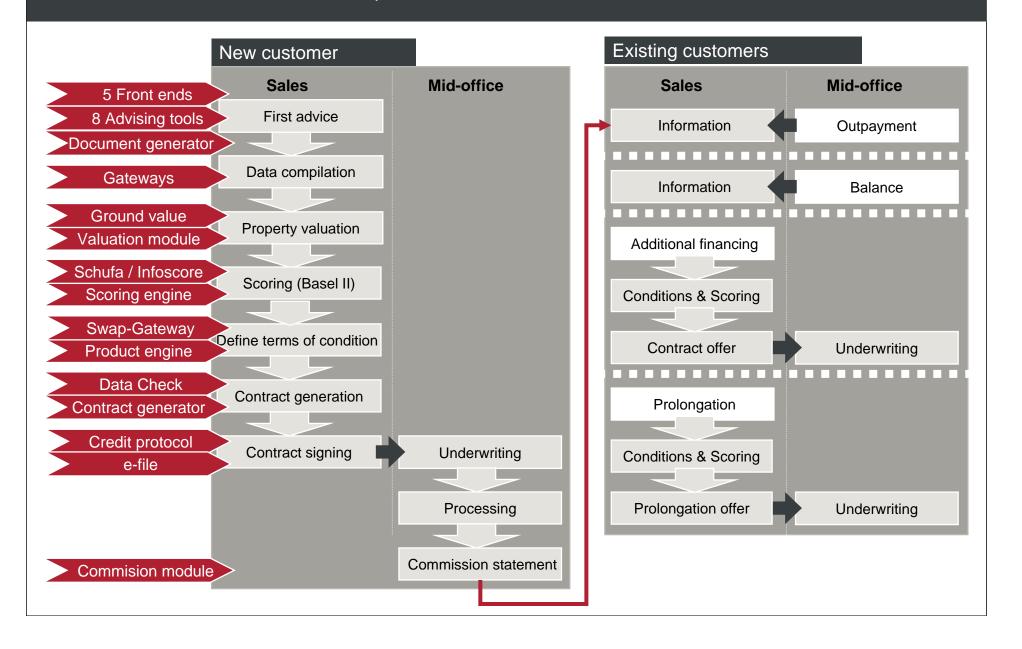
Transaction volume per quarter in million €

Special effect caused by cancellation of the German government program benefiting home ownership



Automation is a key to efficiency

Sales process with EUROPACE for advisors



Automation along new business handling

EUROPACE for loan officers moduls along standard processes

EUROPACE for loan officers	Credit business processes	Bank- / third party systems	Sales
Online-Ticker	Generate confirmation of receipt		
Distribution front end	Identify borrower	Customer administration	
Individual gateway	Check of financial engagement	Core banking system	
Standard gateway	Check of "Schufa"	Offical third party system "Schufa"	
Scoring of borrower	Check of credit-worthiness		
Evaluation module	Property evalution module	Automated property valuation	
Product engine	Check of conditions		
Commission module	Check of commissions		
Scoring engine	Rating / Scoring	External Rating engine	
Disbursement regulator	Check of disbursements		
(Instant) Credit determination	Underwriting	Core banking system	
Document generator	Generation of documents	•	Status information
Disbursement regulator	Disbursement monitoring	•	Disbursement criterias

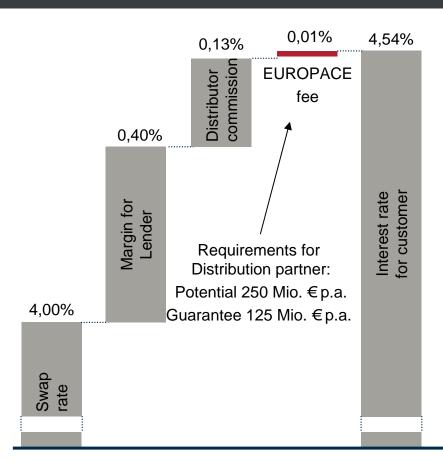
Completely variable IT-costs

Charging model: Dependent upon transaction

Imagine ...

... a car manufacture gives you the guarantee of a permanent stand-by car pool for your sales force and you pay only when your sales staff has closed a deal after driving ...

Unimaginable? ... Not at all! ...



EUROPACE will charge you only when you are successful!!!

EUROPACE is THE market place for mortgages in Germany

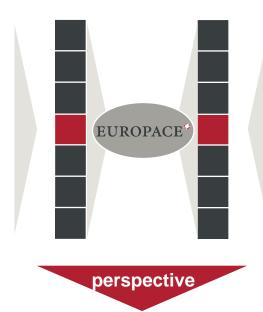
Added-value for intermediaries and lenders

Intermediaries

Lenders

EUROPACE offers to intermediaries:

- Access to many lenders via one platform
- Comprehensive and fast processing from application to loan contract
- All lenders / conditions on one screen / comparability of products
- Management of the entire sales organisation by customising the platform parameters / conditions



EUROPACE offers to lenders:

- Access to many intermediaries via one platform
- Preprocessed business: data is completely gathered and checked
- Posibility to manage the incomming business via customising the platform parameters / scoring / conditions / prices dialy
- Even production management possible if integrated with banking IT-system

- ➤ Integration of more products
- Expansion within Europe
- > Expansion of our partner network

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We see six models that will be successful going forward

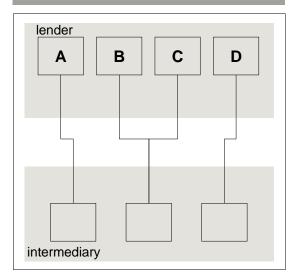
Future business models within the mortgage insustry and future trends

- Branch-focussed lender: Leverage advantaged local distribution and customer relationships to get increased cross-sell and improve economics
- **Scale originator:** Focus on mortgage origination, leveraging intermediary distribution to get scale benefits
- **Direct lender:** Exclusive use of remote channel distribution to deliver a customer segment specific proposition and achieve aggressive management of the cost base
- Giant all-channel lender: Deliver scale across all channels (technically a combination of the above)
- Branded distributor: Focus on winning customers via advice, best product and price
- **B2B Platform:** Service providers adding value to the mortgage value chain
- Growth of third party distribution provides a turn-key distribution channel
- Remote distribution provides a direct alternative to the branch for a niche customer segment
- Outsourced servicing and mortgage systems providers increasing coverage and service quality
- EU regulatory pressure driving better access to credit information
 - e.g. access to bureau data
- Secondary funding options provide capacity for balance sheet or capital constrained lenders

The future belongs to the distribution platforms

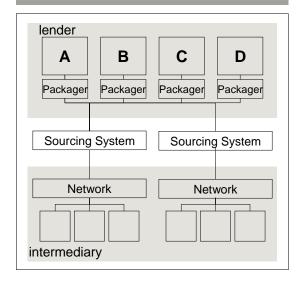
Development of the intermediary market

pastGrowth of intermediaries



- Limited number but heavy growth of intermediaries
- Many intermediaries, that work together only with one bank
- No technology support

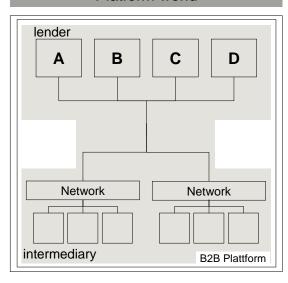
todayConsolidation of intermediaries



- Intermediaries organise themselves to networks
- A number of independent parties
- Lenders outsource a part of their processing
- Sourcing systems connect the parties

future

Platform world



- All value-adding services along the financial value chain are covered within one platform
- This platform delivers the technology platform for all market participants

At the end of the day: who can sell best & who has most efficient processes

A typical market development

Market development

better economic framework, more educated customers, competion increases, margins drop

Volume rises

Branch distribution

Real estate brokers come up and provide mortgages as well

Branch distribution

Real estate brokers focus on real estate (commission 6%)

Financial intermediaries come up (commission 1%)

Branch distribution

Real estate brokers

Platform pooling

Financial intermediaries grow

Direct bank channels

Branch distribution



Lenders should addres them acitively with services and "light" IT - but focus on quality partners Lenders will focus either on their branch network or intermediaries
- improvement of IT

Specialised lenders optimise their processes & integrate their IT with the POS of the intermediary – EUROPACE white labeling

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Drop me a line!

Contact details

today



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tomorrow

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