# OTP Mortgage Bank Ltd.

**Inaugural Covered Mortgage Bond Issue** 

**European Roadshow** 



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#### Agenda

- Company Profile
- CoveredMortgage Bonds in Hungary
- Mortgage Business
- Inaugural Issue
- Conclusion
- Appendices



#### Introduction



The Act XXX of 1997 on Mortgage Loan Companies and on Mortgage Bonds contains legislation which enables qualifying Hungarian Banks to issue Covered Mortgage Bonds

OTP Mortgage Bank is launching its 1st EURO denominated Covered Mortgage Bond

**OTP Mortgage Bank** is the largest Hungarian mortgage bank with assets of €3.3 Bn

**OTP Mortgage Bank** is the No.1 Hungarian mortgage provider



# **Company profile**



## **Introduction of OTP Mortgage Bank**

- OTP Mortgage Bank commenced operations on February 1, 2002
- Member of OTP Group the largest financial service provider in Hungary
- One of the Highest rated Hungarian Credit Institution:

Moody's A2 / P1

- Specialised credit institution
- Registered capital: 80 Million EUR (30.09.2004)
- Asset quality: low risk profile
- Auditor: Deloitte & Touche
- Coverage Supervisor: PWC



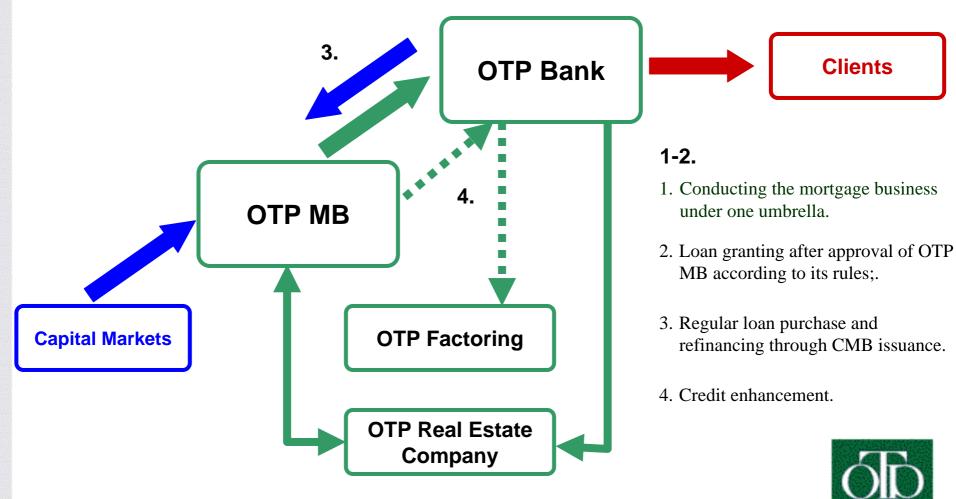
### **Strategy of OTP Mortgage Bank**

- Products:
  - Subsidized and non-subsidized mortgage loans
  - Land mortgage loans
  - Home equity loans (in EUR and CHF)
- Maintain the market leader position
- Deliver high quality services as the largest provider
- Distribution channels:
  - Broad network of branches (in 250 out of 400 branches)
  - Alternative distribution channel: insurance agents, mobile bankers
  - Additional partners



What could lead OTP Mortgage Bank to be the No.1 mortgage provider?

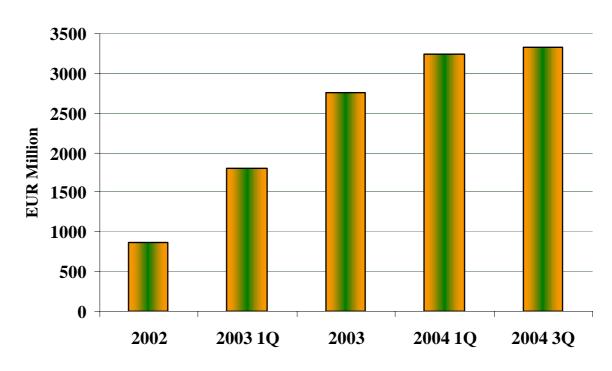
#### Our Successful Business Model



#### Rapidly growing...

### **Asset growth**

#### **Total assets development**

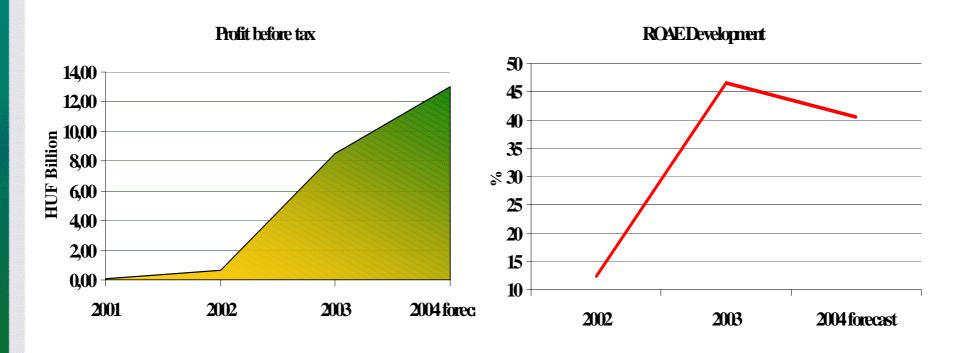


- The Government's new Housing Policy stimulates the market
- OTP Bank's leadership in the housing sector for more than 50 years.
- Product enhancement



... and deleivering excellent financial figures.

### Financial performance of OTP Mortgage Bank



- ■Capital Adequecy Ratio stands at 9.41%
- Average Net Interest Margin stands at 4.84%



## **Covered Mortgage Bonds in Hungary**

- ■Background to the Hungarian Mortgage Market
- Characteristics of the Current Housing Market
- Unique Government Subsidy System



#### **Legal Framework**

- Special law on mortgage banking: Act XXX. 1997
  - Basis: German model
    - x strict ratios 60% LTV (OTP MB average: 42-48%)
    - ★ specialist principle ( Mortgage Bank as issuer of MBs )
    - **x** subject to special supervision (Trustee coverage supervisor)
    - **✗** Special property valuation (three methods)
  - Mortgage Bonds: priority status for MB holders (claim against liquid assets)

#### **Recent developments**

- Balance principle (NPV rule)
- Derivatives are allowed for hedging purposes
- EU citizens are eligible for subsidized mortgage loans
- Repurchase of CMBs is allowed
- Interest Rate Subsidy scheme (accepted by EU)



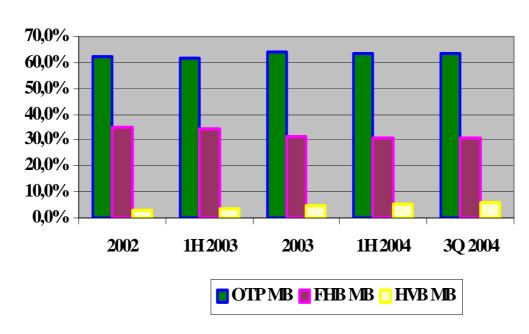
#### **Three Operating Mortgage Banks**

- **FHB** (1998)
  - Partially (53 %) state owned
  - main focus on residential mortgage, refinancing
  - predominantly public placements
- **HVB Mortgage Bank(1999)** 
  - owned by HVB Group
  - commercial and residential mortgage
  - private and public placements
- **OTP Mortgage Bank (2002)** 
  - owned by OTP Group, own distribution channels (400 branches)
  - only residental mortgage loans
  - private and public placements



### Competition

#### Market shares (loans)



- **OTP Mortgage Bank is undisputed No.1**
- Based on the comprehensive network of OTP Bank
- Strategic plan is to remain over 50% marketshare



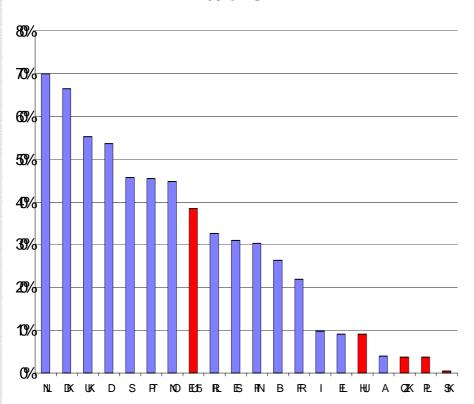
### Agenda

- Background to the Hungarian Mortgage Market
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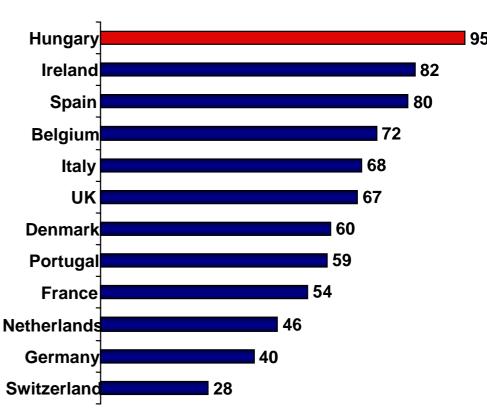


#### **Comparison of indicators**

Outstanding Residential Mortgage Loans as a % of GDP



Home ownership ratios across Europe (%)

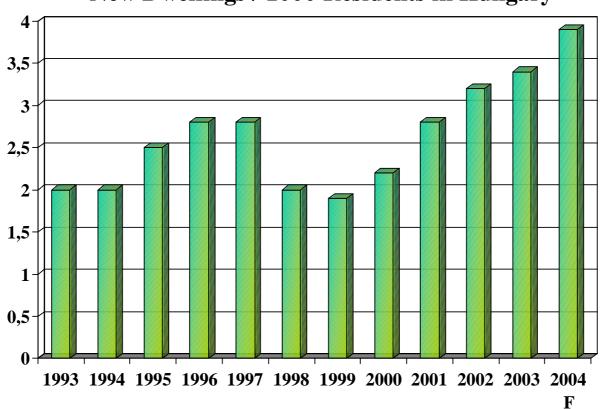


Source: European Mortgage Federation, Eurostat



### **Housing Construction is Gaining Momentum**

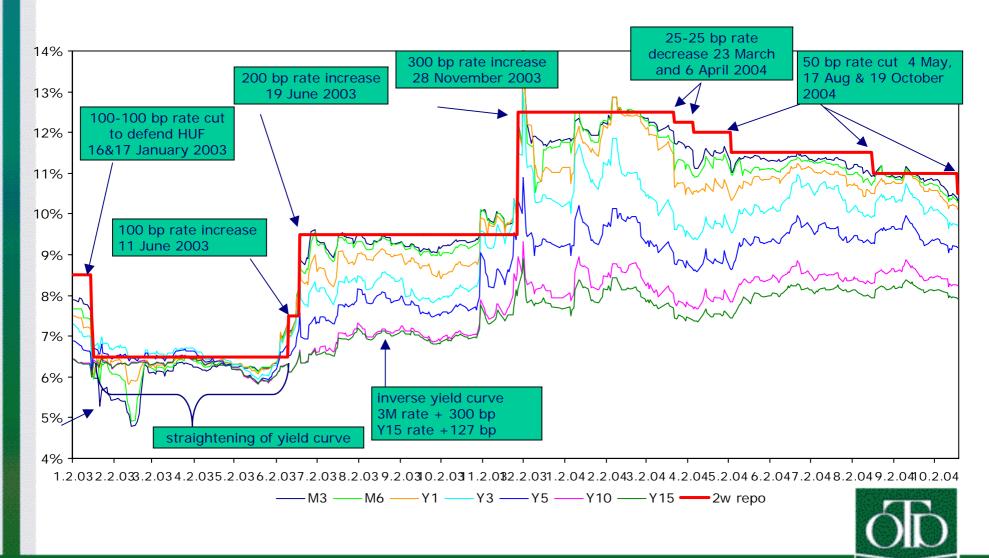
**New Dwellings / 1000 Residents in Hungary** 



Source: CSO

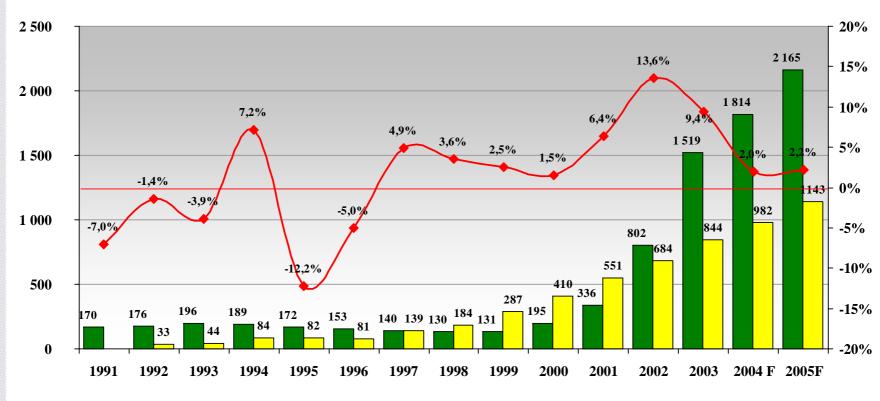


#### **Interest rate environment 2003-2004**



#### Rising Real Wages

Retail Loans Outstanding (HUF billion) vs. Real Wage Growth



■ Housing Loans □ Consumer loans → Real Wage Growth Lo

**Loan Growth rate** 



#### Macro assessment

	2003	2004F	2005F
Real GDP growth	2.9%	3.9%	3.8%
Inflation (average)	4.7%	6.8%	4.5%
Nominal wage increase	14.3%	7.2%	7.7%
Final consumption	5.9%	3.3%	2.2%
Household consumption	6.5%	3.5%	2.9%
Investment growth	4.7%	10.2%	6.9%
Budget deficit	HUF -1,159	HUF -1,170	HUF -1,182
(ESA)	bn	bn	bn
as a % of GDP	-6.2%	-5.8%	-5.4%
Current Account Balance*	EUR -6.5 bn	EUR -7.4 bn	EUR -7.8 bn
as a % of GDP	-8.7%	-9.4%	-8.7%
1yr T-bill yield (average)	8.0%	10.9%	8.2%

<sup>\*</sup> Reinvested earnings calculated as FDI

Prepared by OTP Research Center in May 2004 based on sources from NSB, NBH



### Agenda

- Background to the Hungarian Mortgage Market
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## Government Subsidy System in Hungary

#### Direct subsidies

- For families with children
- Disabled people
- VAT refund (EUR 1600)
- Income tax deductibility

#### Indirect subsidies (Interest Rate Subsidies)

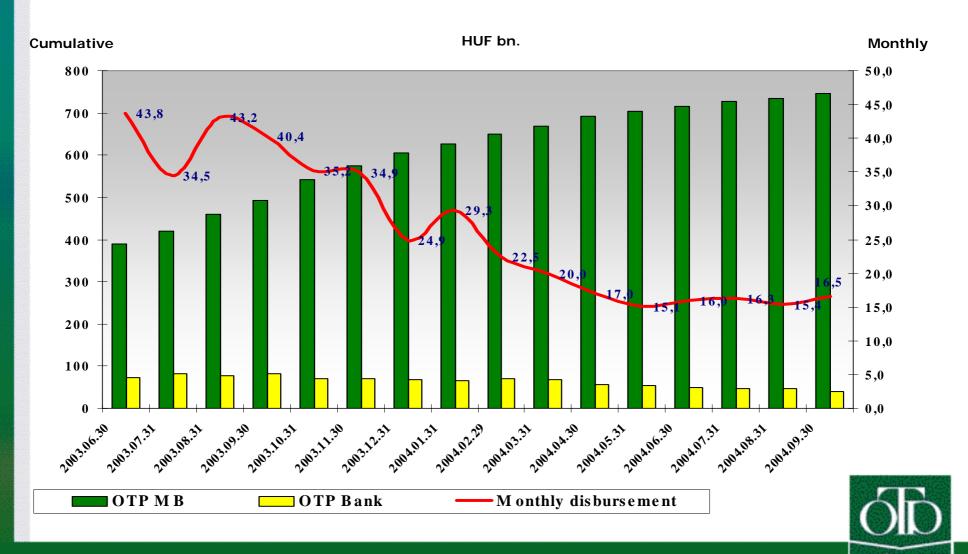
- Asset side Interest rate subsidy (so called,,supplementary")
- Liability side Interest rate subsidy



## **Mortgage Business**



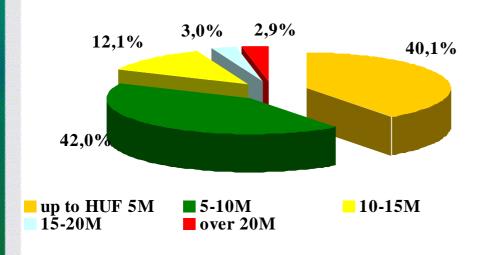
#### Mortgage Loans at OTP Group



## Diversified Mortgage Loan Portfolio

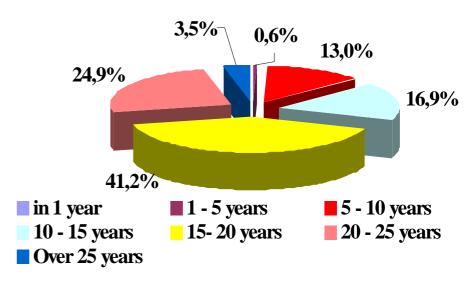
All data as of 30 Sept. 2004

Distribution of mortgage portfolio by size



Mathematical Average loan size: €17K

Distribution of portfolio by maturity

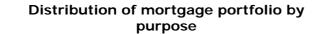


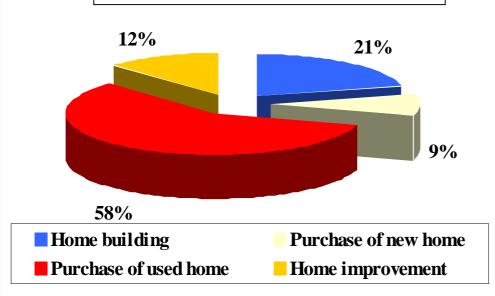
Average maturity: 19 year



## Diversified Mortgage Loan Portfolio

All data as of 30 Sept. 2004





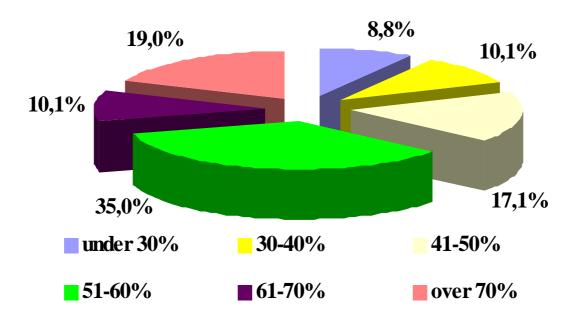
Geographic concentratin of loans

Region	%
Budapest	23,08%
South-Alföld	9,03%
North-Hungary	6,64%
North-Alföld	14,79%
Middle-Hungary	14,24%
West-Dunántúl	10,60%
Middle-Dunántúl	11,90%
South-Dunántúl	9,72%



#### LTV ratio

#### Conservative risk management,



- LTV ratio: max. 60%
- **■** In case of civil servants the government provides suretyship above 60 % LTV
- **Average LTV-Ratio (based on original valuation): 46.71%**
- **■** Average loan size is €17K



... results low risk profile.

### Breakdown of the Coverpool & Asset Classification

EUR Million	09.30.2004
Nominal amount of C M Bs	2 9 4 7 1 3 5
Nominal amount of the ordinary cover pool	2 9 2 8 6 9 6
G overnm ent G uarantee out of ordenary cover	7 4 6 3 4 6
G overnm ent Securities (Supplem entary cover)	163 091
State risk in ordenary and supplementary cover	29,41%
O vercollaterisation	104,91%
A verage duration of cover pool	5.86

Assets Classifica	tion 2004.09.30	
	Total HUF	%
0	703 082 512 150	94,47%
1-30	29 695 386 633	3,99%
Normal	732 777 898 783	98,46%
Watch	11 441 665 111	1,54%
Repurchased by the OTP	3 664 707 245	0,49%
Watch as a % of the whole portfolio	1,54%	
Sum	744 219 563 894	100,00%

#### **InvestorProtection**

OTP Mortgage Bank further enhances investor protection through the following product features:

- The Cover Asset Pool consists of only Residential Mortgage Assets
- The Bank is providing voluntary over-collaterisation
- All market risk in the Cover Asset Pool is hedged
- Counterparty risk will be mitigated according to rating agency requirements (CSA in derivative products)

### Property valuation, underlying principles

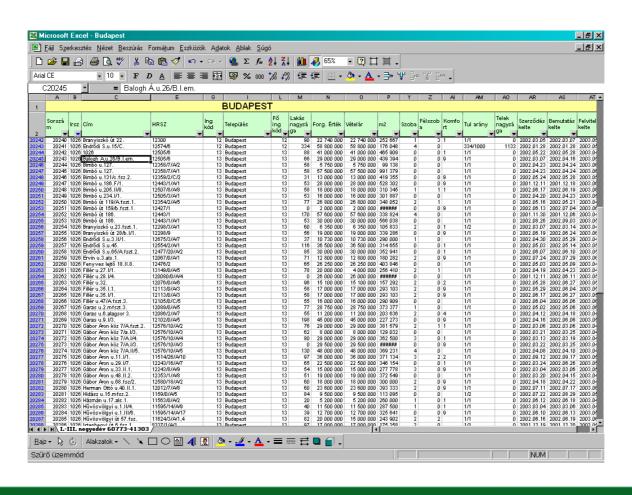
- Valuations are organised by OTP Real-estate PLC. (according to Mortgage Bank internal regulation)
- Valuations methods are defined by Mortgage Bank,
  - The comparative value method
  - The real value method
  - The income value method
- Experts' performances are quaterly assesed



# In practice:

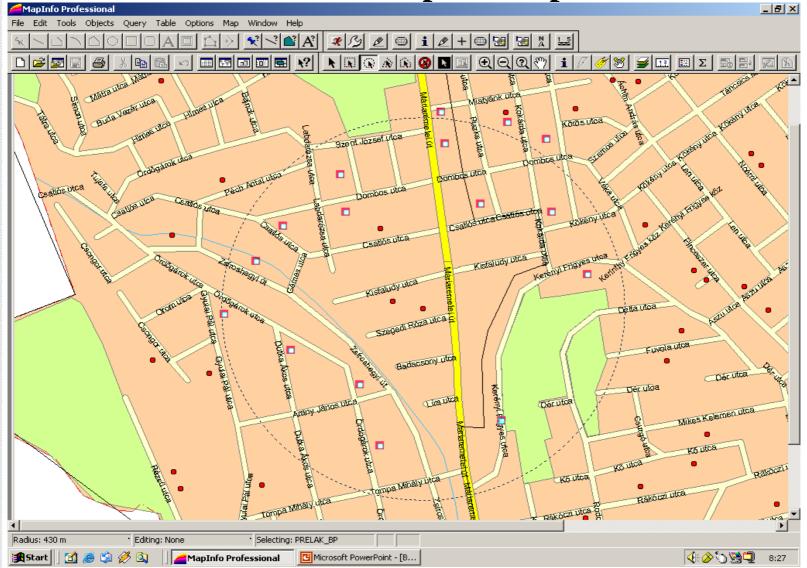


# Price comparision based on actual market data supplied by Stamp Duties Office



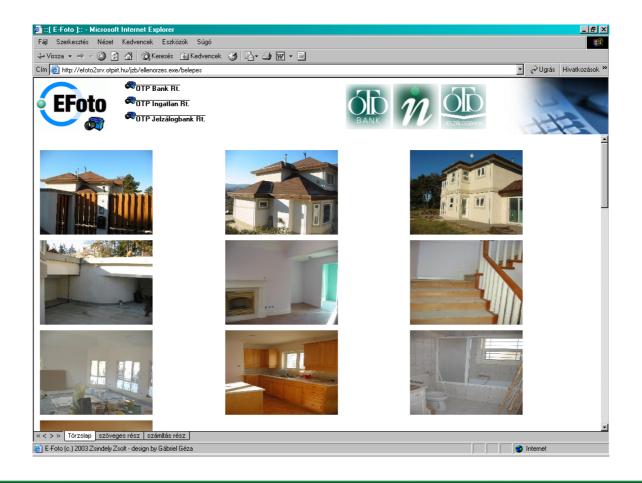


Selection of comparative price data





## **Analysing photos**





#### Loan Book Summary

- Prudent credit policy
- No undue risk concentration
- LTV risk profile very strong mark to market
- Highly overcollaterised
- 30% State gurantee behind the pool
- Obligation of parent bank to repurchase the non-performing loans



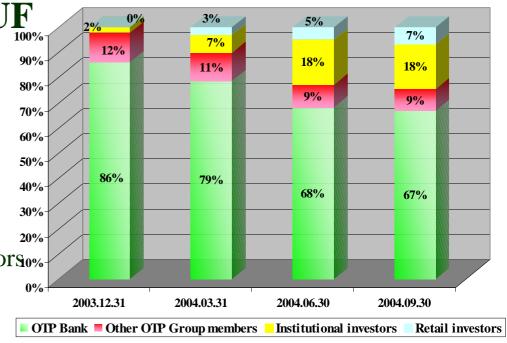
## **OTP Morgage Bank Inaugural €CMB**



# Entering the €market is cornerstone OTP Mortgage Bank Funding Strategy

Funding facilities in HUF

- Issuance Programs
- OTP Group financing
- Domestic Institutional Investors
- Retail
- International Institutional Investors<sub>0%</sub>



- Outstading CMB amounts HUF 728 Bn (~€3 Bn)
- Limited domestic financing strength of investors



**Entering the €market is cornerstone** 

### **OTP Mortgage Bank Issuance Strategy**

The successful implementation of OTP € CMBs will be characterised by the followings:

- Continued liquidity via regular issuace
- Strong secondary market performance
- Ongoing product development to ensure CMB remains investor focused



#### **Summary of the transaction**

Issuer: OTP Mortgage Bank Ltd. 100%

owned by OTP Bank Ltd.

Amount: €200 Mn

Maturity: 7-10 years

**Expected rating:** A1 Moody's

Listing: Luxembourg Stock Exchange

**Documentation:** Under the €1Bn EMTN Program

Law: Hungarian

Coverage Supervisor: PWC

Status: Securities will be unsubordinated obligations of the Issuer

ranking pari passu among themselves and will be covered in

accordance with the Hungarian Act on Mortgage Loan Credit

**Institutions and on Mortgage Bonds** 

Clearing: Keler, Clearstream

Joint Lead Managers: Deutsche Bank, OTP Bank

Dealers: ABN Amro, BNP Paribas, Citibank,

DZ Bank, JP Morgan



# **Conclusion**



#### **Key Considerations**

- **OTP Mortgage Bank The largest Hungarian Mortgage Provider**
- OTP Mortgage Bank High Quality Assets originated by a market leader
- Hungarian Mortgage Legislation Investor focused with very strong CMB investor protection
- OTP Mortgage Bank € CMB issue Opportunity for investors to diversify their holdings and aquire high quality bonds with a strong credit rating

# **Appendix**



**Government Subsidy Scheme** 

Old Subsidy Sc	Old Subsidy Scheme - subsidy scheme for loans granted before 16.06.2003					
Refinancing	Loan Interest	Loan Conditions	Asset Side Subsidy	Liability Side Subsidy	Subsidy Conditions	
CMB	MIN(coupon of CMB - 2%; 6%)	max 30 million HUF	No	MIN(coupon of CMB + 2%; 10%)	available for the first	
					20 years of the loan;	
					after the first 5 years	
					of the loan subsidy	
					according to the new	
					shceme	
CMB	MIN(coupon of CMB - 2%; 6%)	max 10 million HUF;	benchmark - 3,5%	MIN(coupon of CMB - 1%; 7%)	available for the first	
		only for new properties;			20 years of the loan;	
		only for married people			after the first 5 years	
					of the loan subsidy	
					according to the new	
					shceme	
other than CMB	max (benchmark + 4%)	max 10 million HUF;	benchmark - 2%	No	available for the first	
		only for new properties;			20 years of the loan	
		only for married people				

New Subsidy Scheme - subsidy scheme for loans granted after 16.06.2003						
Refinancing	Loan Interest	Loan Conditions	Asset Side Subsidy	Liability Side Subsidy	Subsidy Conditions	
CMB	max 6%	max 15 million HUF;	No	MIN(coupon of CMB; 105% of benchmark) - 1%	available for the first	
		for used properties			20 years of the loan	
CMB	max 5%	max 15 million HUF;	No	MIN(coupon of CMB; 105% of benchmark)	available for the first	
		only for new properties			20 years of the loan	
CMB	max 5%	max 15 million HUF;	benchmark - 3,5%	MIN(coupon of CMB; 105% of benchmark) - 3%	available for the first	
		only for new properties;			20 years of the loan	
		only for married people				
		or for singles with				
		c hildre n				
other than CMB	max (benchmark + 4%)	max 15 million HUF;	benchmark - 2%	No	available for the first	
		only for new properties;			20 years of the loan	
		only for married people				
		or for singles with				
		c hildre n				

Benchmark: Linked to the yield of Hungarian government bonds

For more details of the subsidy scheme see Decree 12/2001.(I.31.)



**Appendix** 

## **Government Subsidy Scheme**

#### Most Recent Subsidy Scheme - subsidy scheme for loans granted after 22 December 2003

Refinancing	Loan Interest	Loan Conditions	Asset Side Subsidy	Liability Side Subsidy	Subsidy Conditions
СМВ	MAX(110 % of benchmark+4%)	max 15 million HUF only for new properties	No	60% of benchmark	available for the first 20 years of the loan
СМВ	MAX(110 % of benchmark+4%)	max 5 million HUF only for used properties	No	40% of benchmark	available for the first 20 years of the loan

Benchmark: Linked to the yield of Hungarian government bonds

For more details of the subsidy scheme see Decree 12/2001.(I.31.)



Margins on mortgage loans

Validity	before 16 June 2003	after 16 June 2003	
	16 June 2003	16 June 2003	22 December 2003
Rate paid by customer	<b>6%</b> (4+2%) max.	<b>5%</b> (3+2%) max.	<b>8%</b> ** (max. GBBY * 1.1 +
			4% - GBBY * 0.6)
Liability side subsidy	<b>10%</b> (CMB coupon + 2%	9.03% (GBBY *	<b>5.16%</b> (GBBY* 0.6)
	but max. 10%)	1.05)	
Total bank interest income	<b>16%</b> max.	<b>14.03%</b> max.	13.46% (max GBBY * 1.1
			+4%)
GBBY	8,60%	8,60%	8,60%
CMB spread over GBBY	100 bp.	100 bp.	100 bp.
·	· I	·	·
Coupon of CMB	8%	8%	8%
·			
Funding cost (Yield of CMB)	9.6% (8.6% + 1%)	9.6% (8.6% + 1%)	9.6% (8.6% + 1%)
,		,	ĺ
Margin (asset side, CMB	6,40%	4,43%	3,86%
funded)		,,,,,,	
Loan volume at MBank	HUF525 bn.	HUF188 bn.	HUF31 bn.
30 September 2004			

<sup>\*</sup>GBBY = Government Bond Benchmark Yield based on CMB maturity



<sup>\*\*</sup> for new lending varies monthly