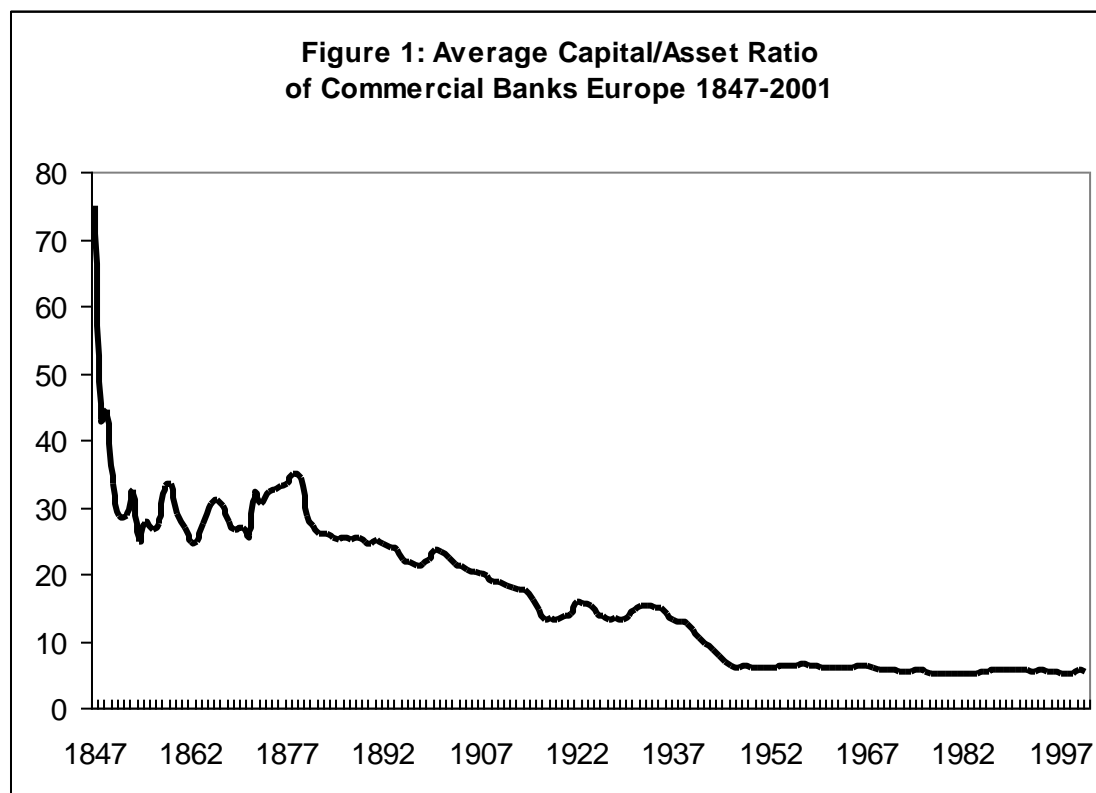


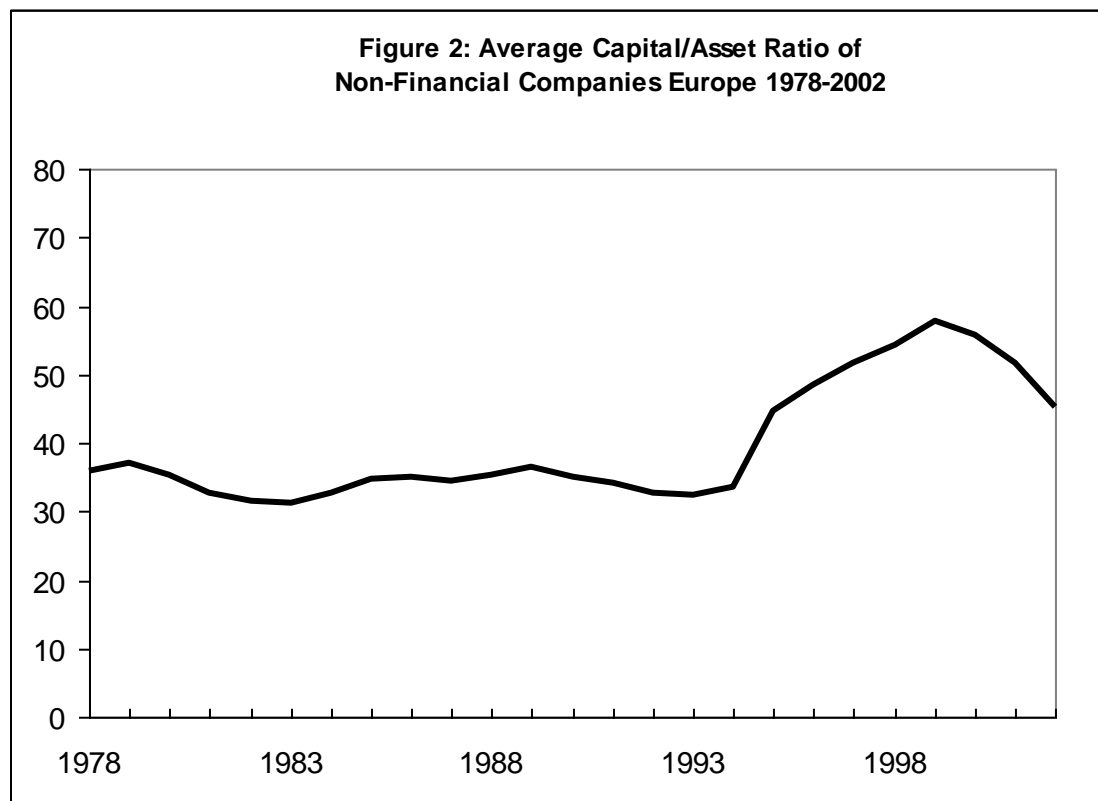
BANKING PROBLEMS IN EUROPE

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EVOLUTION OF BANK CAPITAL/ASSET RATIOS (1847-2001)



EVOLUTION OF NON-FINANCIAL CAPITAL /ASSET RATIOS (1978-2002)





REDUCTION IN BANK CAPITAL/ASSET RATIOS

- ❑ Moral hazard in the banking system due to existence of explicit and implicit guarantees (too big to fail)**
- ❑ Perverse incentives for taking more risk and reducing bank capital**
- ❑ Bond holders have no incentive for proper risk monitoring and disciplining of the bank**
- ❑ Short-term bonus schemes**

MORAL HAZARD IN THE EUROZONE

- ❑ Moral hazard in the eurozone due to perception of guarantees and bail outs (notwithstanding no bail out clause of Maastricht treaty)**
- ❑ Bond holders perceive the riskiness of a German bond as about equal to a Greek bond**
- ❑ Ministers of Finance had an incentive to create an image of risk equality and diminish Germany's anchor role**



EUROZONE: THE FIRST DECADE

- ❑ Violation of the Growth and Stability Pact**
- ❑ High budget deficits and debt levels**
- ❑ Lack of enforcement of structural reforms on labour and product markets**
- ❑ Weak starting position when financial crisis emerged as from 2007**
- ❑ June 29, 2012: government leaders create ESM and ESM direct bank recapitalisation instrument (breaking the vicious loop between banks and sovereigns)**



EUROPEAN CENTRAL BANK

- ❑ **July 26, 2012: Draghi states “whatever it takes to preserve the euro”**
- ❑ **September 6, 2012: Draghi’s “audacious gamble” with “outright monetary transactions”**
- ❑ **Unlimited buying scheme of existing bonds of problem countries IF they meet ESM conditionality**
- ❑ **Strict and effective conditionality in terms of budget cuts and economic reforms**
- ❑ **Spain and Italy have to apply for help, better sooner than later**



EUROZONE COUNCIL

14 DECEMBER 2012

- First step of European banking union:
ECB will start acting as supervisor for banks
with assets of more than 30 billion euro in 2014
("single supervisory mechanism")**
- Second step of European banking union:
Single resolution mechanism, initially based on
cooperation of national resolution authorities**
- Proposal to be drafted in 2013 for a European
resolution authority to oversee the orderly
winding down of insolvent lenders**

FROM ZOMBIE BANKS TO BANKING UNION

- ❑ **Crisis management, recognition of losses on “legacy assets” of banks, will shape the future role and size of ESM, SRM and DGS**
- ❑ **Bail out by ESM or bail in by unsecured creditors**
- ❑ **In case most of the losses are imposed on unsecured creditors, the amounts of European taxpayers’ money to be committed will be much lower**

CREDIBLE STRESS TEST & BAIL IN

- ❑ **Benink & Huizinga in FT (May 7, 2013):**
Credible stress test in order to determine for zombie banks their capital shortages (based on risky assets and loss of implicit state guarantees)
- ❑ **Avoid Japanese-style inertia**
- ❑ **US model of issuing shares and direct recapitaliation of banks by governments may not be feasible in all cases**
- ❑ **Sort of Cyprus model may be needed: Dijsselbloem and Schäuble “template”?**

DIRECT BANK RECAPITALISATION BY ESM

- June 20, 2013: eurogroup provides framework for direct bank recapitalisation**
- Under certain conditions ESM can recapitalise banks (60bn out of 500bn ESM fund available)**
- If tier one common equity ratio is below 4.5%, national member states will have to use their own money to recapitalise to 4.5%**
- As from 4.5% capital ratio countries would contribute 20% of the recapitalisation amount**
- Still ongoing discussion on legacy assets**

RECOVERY AND RESOLUTION DIRECTIVE

- June 27, 2013: EU finance ministers agree on rules to force losses on creditors in failed banks**
- From 2018 bail-in of shareholders, bondholders and some depositors**
- Insured deposits under 100,000 euros are exempt and uninsured deposits of individuals and small companies are given preferential status**
- Minimum bail-in of 8% of total liabilities before resolution funds can be used**

RECOVERY AND RESOLUTION DIRECTIVE (cont.)

- National flexibility: after implementation of minimum bail-in countries can dip into resolution funds or state resources to recapitalise the bank and shield other creditors**
- Intervention is capped at 5% of total liabilities and contingent on approval by the European Commission**
- Before 2018 and applicable to ECB stress test in 2014: improvisation and application of new state aid rules (wipe out shareholders and junior creditors)**