



COVID Crisis Response: “Evergreening Proposal”

Markus Brunnermeier

Arvind Krishnamurthy

	2008	2020
Pre-crisis	Build-up of imbalances <ul style="list-style-type: none"> - run-up of credit - Thinly capitalized (shadow) banks 	Well balanced <ul style="list-style-type: none"> - US gov. debt expansion - Corporate debt
Trigger	Re-evaluation: real estate <ul style="list-style-type: none"> - correlation 	Drop in corporate cash flow
Amplification	HH & banks' balance sheets	Corporate sectors balance sheets
Fin- sector	Shadow banks (part of banks)	FinTechs for mortgages Banks still for SMEs
Structured finance	CDOs	CLOs
Policy objective	Stimulus	Survival

||| The challenge

- **Stop clock** = total standstill of all debt/rent/wages/...
 - “Hibernation strategy” for whole economy
- Not possible
 - Essential sector food, ...
 - Less essential sector
- Shut down **part** of economy
 - Supported by other part



Policy actions

- Firm vs. household focused
- Targeted vs. broad brush
 - Mankiw idea: ex-post targeting (precautionary savings)
- Loans vs. grants
 - Risk sharing/moral hazard – pick-up problem
 - Automatic stabilizers
- How to channel government support?
 - Direct to HH CBDC-helicopter money
 - To HH via firms “Kurzarbeit” (short-term work)
 - To firms via banks SME lending (SBA)
- Purely crisis vs. long-term structural focused

Inverse Policy Description

- Dos-and-don'ts are reversed
- Usual recession:
 - Stimulus focused
 - interest rates to stimulate spending and investment
- COVID recession:
 - Survival focused



Inverse Policy Description

- Chapter 11 for large firms works ok, but
- SME need a pause
- Usual recession:
Avoid evergreening is a problem b/c it crowds out credit to new firms/start-ups (Japan ...)
- COVID recession:
Promote evergreening
offer banks cheap central bank refinancing for rolled-over loans
 - stabilize existing businesses

How to Promote Evergreening?

- **Carrots:** positive incentives for banks to evergreen loans, e.g. central bank provided **cheap refinancing** for rolling over existing loans,
 - eligible as collateral for financing at a rate that is x% less than the discount window rate
 - Such loans include:
 - (1) existing callable loans (which could not be extended)
 - (2) loans that are coming due in the next 3 months
 - (3) credit line commitments
 - (4) current floating rate loans which are repaid/ refinanced with new debt
- **Stick:** punish banks which do not rollover existing loans, e.g. by strictly **enforcing non-performing loan rules.**
 - **act more strictly** in classifying loans as **non-performing**
 - **slow down bankruptcy** proceedings