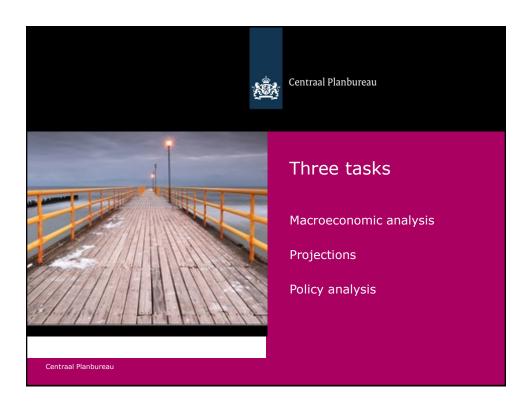
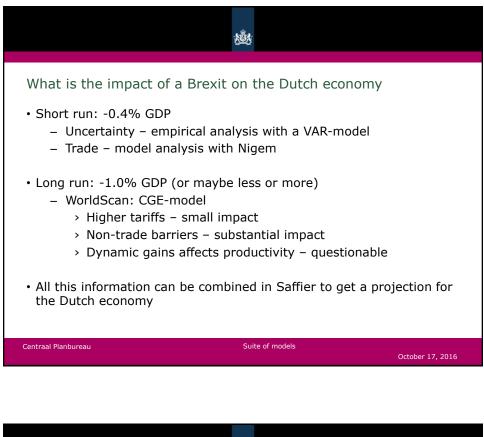
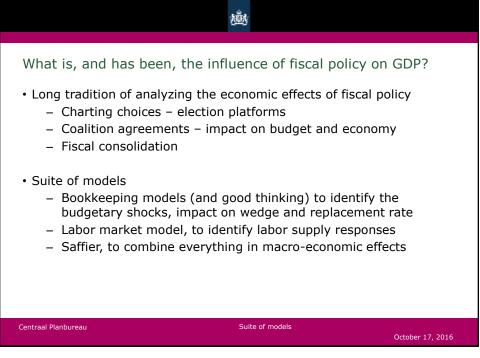


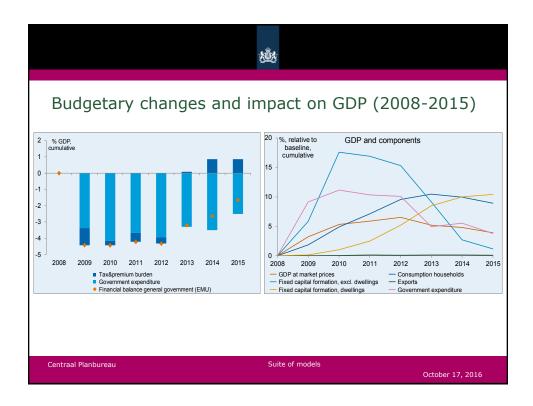
To explore and to	clarify	
 To explore macroeconomic que macroeconomic dev macroeconomic dev impact of policy on 	elopments => projections	
 To clarify understand and exp 	olain actual developments	
	e and to clarify ling of model outcomes bility to new employees	
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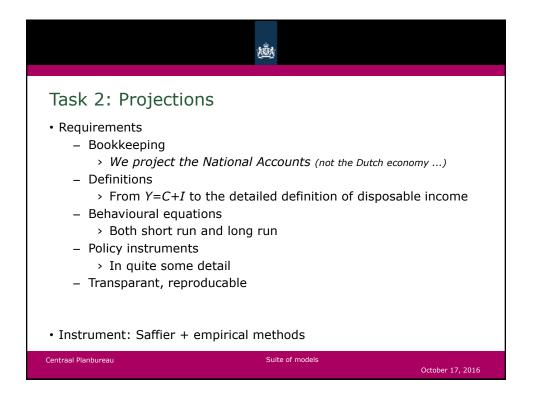


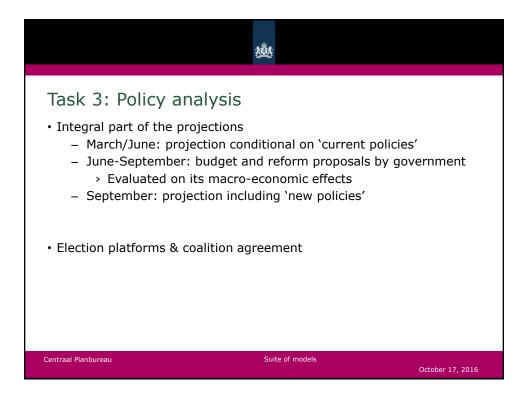
 Task 1: Macroeconomic analysis Current issues What is the impact of a Brexit on the Dutch economy? What is, and has been, the influence of fiscal policy on GDP?
 Structural issues uncertainty interaction financial and real economy impact of policy (fiscal multiplier)
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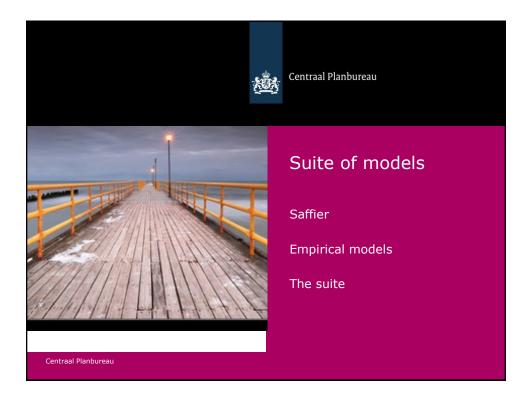








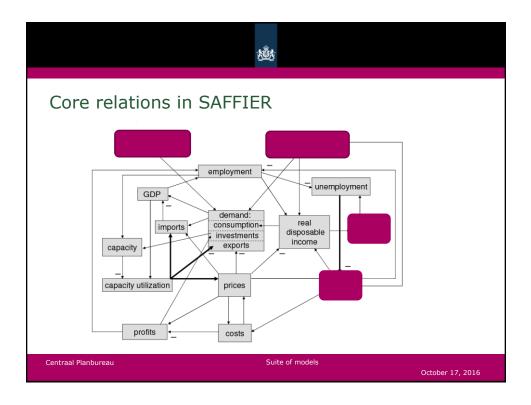


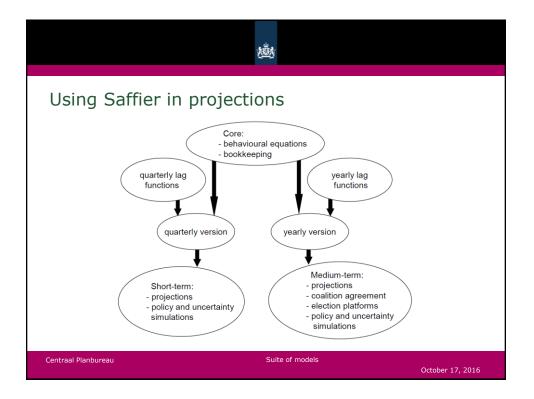


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<u>後</u> 進入
SAFFIER • <u>S</u> hort and medium term <u>A</u> nalysis and <u>F</u> orecasting using <u>F</u> ormal <u>I</u> mplementation of <u>E</u> conomic <u>R</u> easoning
 one model for the Dutch economy two versions (quarterly and yearly) three applications short term forecasting with quarterly version medium-term forecasting with yearly version (up to 2017) longer term analysis simulation characteristics of the model policy analysis 3000 equations but 25 behavioural equations are most relevant
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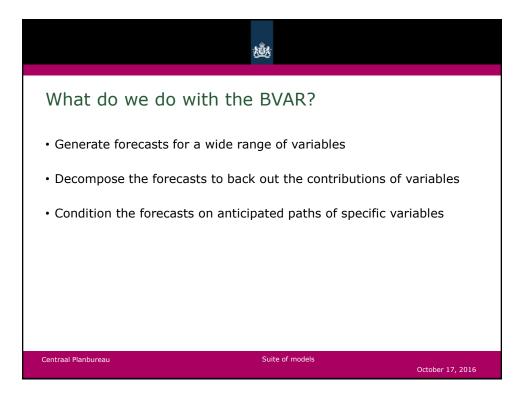
1997 - 19	
• Government sector with much detail (for policy analysis)	
 Exogenous: international assumptions (trade, prices, interest rates) government policy labour supply specific sectors (health care, gas production) 	
 Endogenous with possibility to fix taxes , prices health care / social security / income t 	transfers
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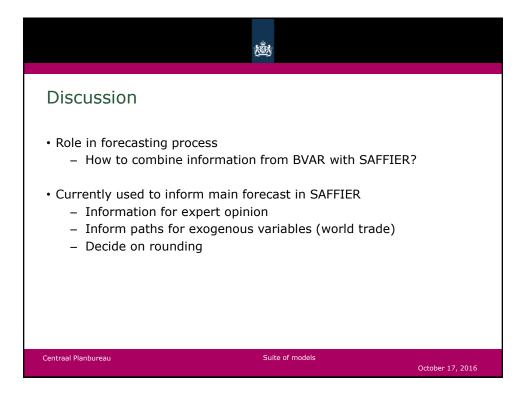




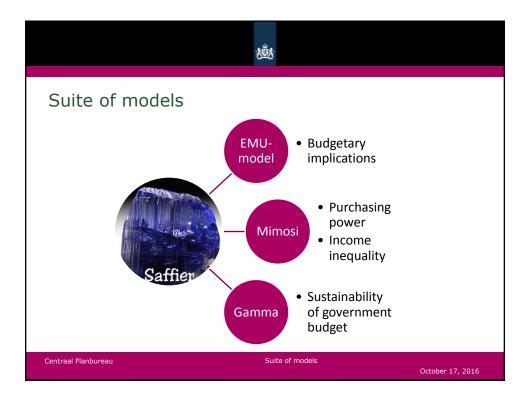
	大型 3	
Strengths and weat • Strengths – Produces the output – Lots of policy detail – Both short and med	our customers want	
 Weaknesses Complex, not very t Doesn't incorporate No forward looking l Not estimated as a s 	latest economic thinking pehaviour	
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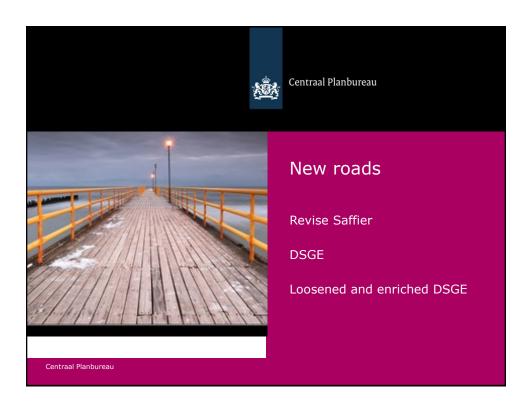
Empirical models Leading indicator Summary indicator of a large number of leading indicators No point estimate
 Large BVAR with 25 variables GDP Macro Consumer indicators Business indicators Financial Construction International
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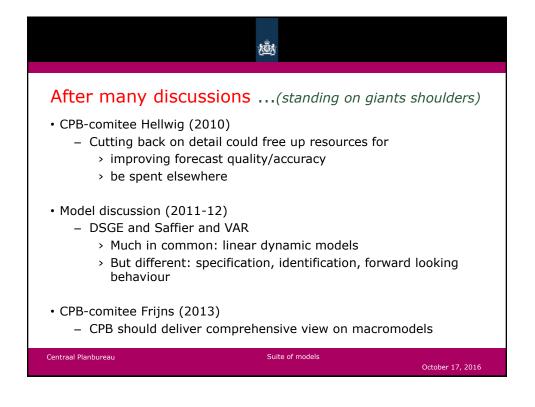


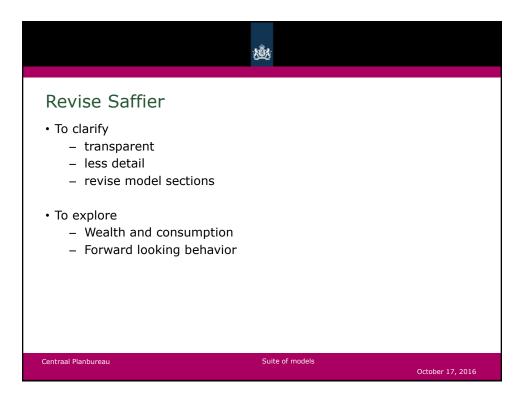




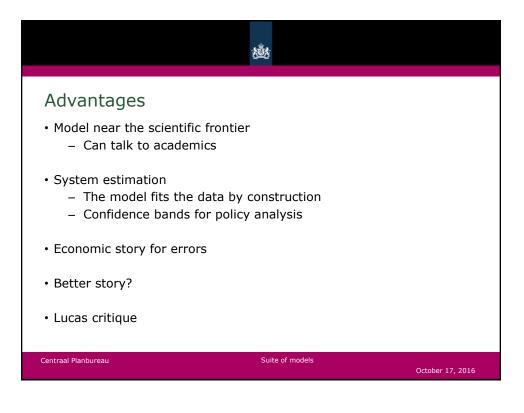








	KEN.	
 DSGE - what have we We have built and estimated values Wouters model 		nomy Smets-
 Goal: Include sufficient policy de Include an explanation of e Must be estimated 		ysis
 Hence Added Gali unemployment Added credit-constrained h 		
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Disadvantages
 Development time Especially for estimation Estimation Steady state Data issues (stationarity, current account, etc) Adding simple new element entails a lot of work
 Size limitation Development time rises exponentially with model size Adding more detail in one place often imposes restrictions somewhere else or interferes with identification Unfeasible to include level of detail required by our customers
Limited range of stories - ie. fiscal policy story
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