



4 March 2020



Agenda

Overview: What is the review all about Focus 1: The quantitative definition of price stability **Focus 2: Measuring inflation Discussion**





1 Overview – What is the review all about

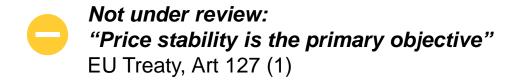


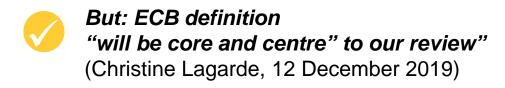


The ECB "will turn each and every stone" (Christine Lagarde)

The ECB's Eight-Pronged Review

Inflation goal	(De)globalization
Measuring Inflation	Digitalization
Policy instruments	Communication
Macroeconomic modeling	Climate Change
	Bloomberg 💷





ECB press release (23 January):

Review to cover

- quantitative formulation of price stability
- monetary policy toolkit (including effectiveness and the potential side effects)
- economic and monetary analyses
- communication practices
- financial stability
- employment
- environmental sustainability

2 principles:

- thorough analysis
- open minds

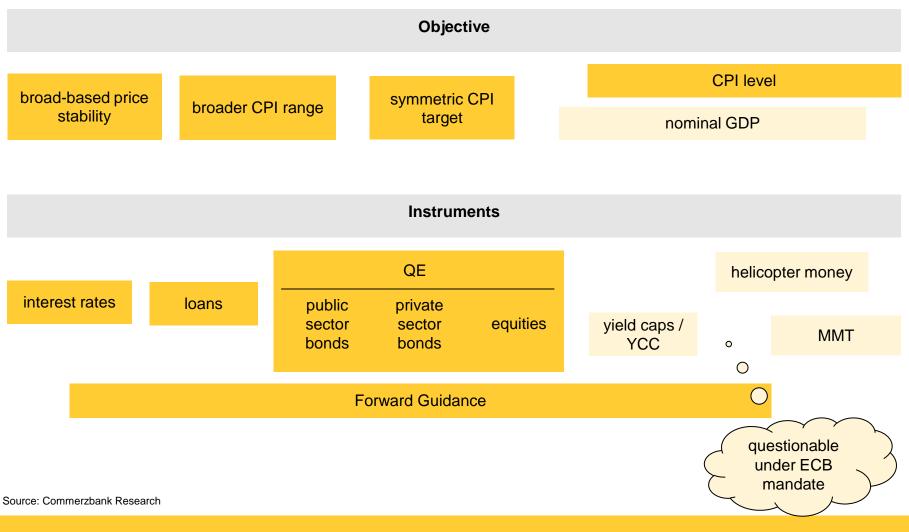
Review is expected to be concluded

- by end of 2020
- after engaging with all stakeholders

Source: ECB, Commerzbank Research



Major central bank objectives and instruments







2 The definition of price stability



How to define "price stability" - more than just semantics!

Quantitative definition of price stability (1998)

Clarification (2003)

"Price stability is defined as a year-on-year increase in the Harmonised Index of Consumer Prices (HICP) for the euro area of **below 2%.**"

"The Governing Council clarified in 2003 that in the pursuit of price stability it aims to maintain inflation rates **below**, **but close to**, **2**% over the medium term."

Review 2020

broad inflation range

symmetrical point target

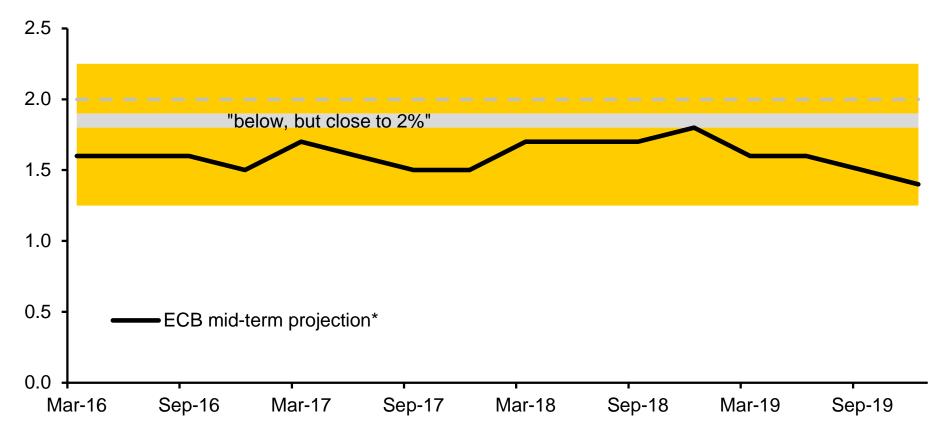
price level target

Source: ECB, Commerzbank Research



Implications of symmetric point target vs broad target range

Current ECB definition of price stability (assumed as symmetric 1.8-1.9% target) and inflation tolerance band (Commerzbank proposal 1 ¼ to 2 ¼ target range)



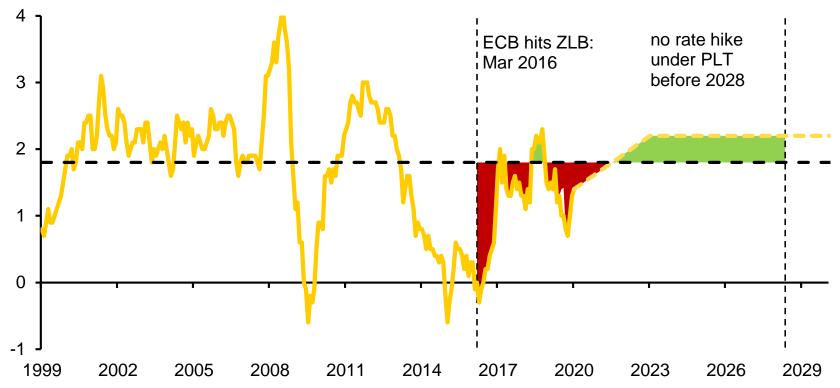
^{*} Projection two years ahead Source: ECB, Commerzbank Research



"Price Level Target" would be very different from "inflation target"!

"Make-up" strategy under Price Level Target would push first hike far into the future!

Euro area CPI, yoy in %, simulation of ECB rate impact under temporary price level targeting* assuming inflation rises to 2.2% in three years and stays there



^{*} Temporary PLT as proposed by Ben Bernanke, details see *Ahead of the Curve, 11 April 2019* Source: Bloomberg, Commerzbank Research



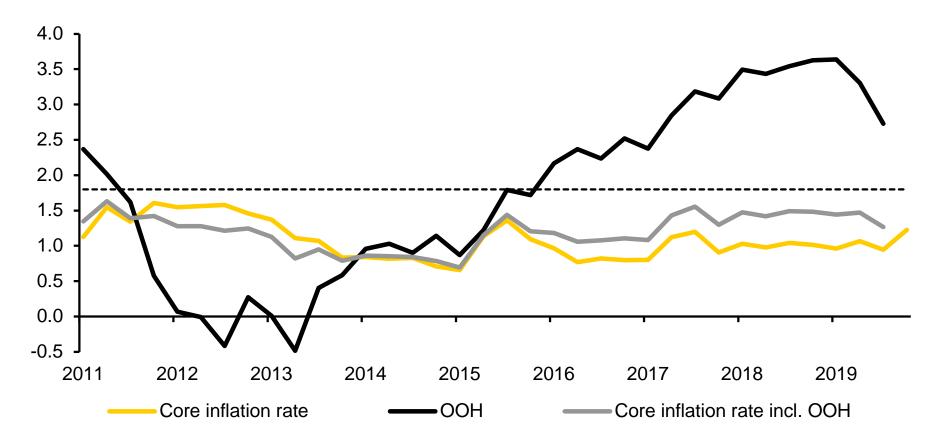


3 The right inflation measure



Including OOH: Easier said than done

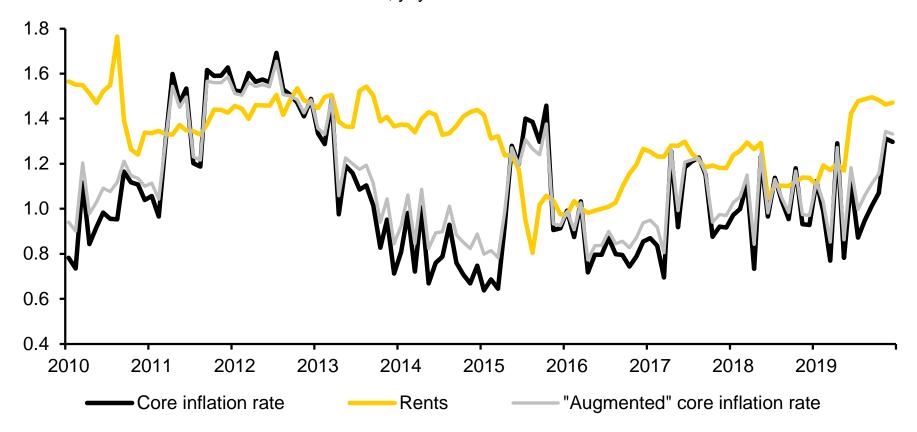
Quarterly figures, change on year in percent; core inflation rate: HICP w/o energy, food, alcohol and tobacco; OOH: Owner occuppied housing price index





A practical workaround: Higher weight for rents – also no game-changer!

Core HICP (excluding energy, food, alcohol and tobacco), rents, and core HICP with weight for rents increased to 20.5% from 6.5% to reflect OOH, yoy in %







5 Discussion points



Discussion points:

- > How could strategy changes from other central banks impact the ECB or market expectations about what the ECB will deliver?
- > What is the market consensus on the outcome?
- > How would different market segments react to the different proposals (real yields, break-evens, curves and spreads)
- > Should all results be published as big bang at year-end or should they be revealed sequentially?



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I) Recommendations versus benchmarks:

Overweight (OW) We expect outperformance versus the benchmark in spread and/or total return terms

Marketweight (MW) We expect performance in line with the benchmark in spread and/or total return terms

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Benchmark: Unless stated otherwise, the benchmark is the iBoxx € Corporate for IG-rated names/instruments,

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Buy We suggest entering / expanding positions in the relevant names/instruments

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	All covered instruments	The proportion of issuers in each of these categories for which Commerzbank provides investment banking services
Overweight	39%	30%
Marketweight	46%	39%
Underweight	15%	28%

Source: Commerzbank Research

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Source: Commerzbank Research

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