
IFC-Banco de Portugal Conference: "Communication on central bank statistics: unlocking the next level"

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ECB Data Portal¹

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¹ This contribution was prepared for the workshop. The views expressed are those of the authors and do not necessarily reflect the views of the Banco de Portugal, the BIS, the IFC or the other central banks and institutions represented at the event.



EUROPEAN CENTRAL BANK

EUROSYSTEM

ECB Data Portal



Klára Bakk Simon

BdP/IFC Conference on Statistical Communication

Overview

- 1 Background
- 2 Project scope and timeline
- 3 Main features
- 4 Next steps

1

Background

Background: ECB statistics dissemination channels



~ **1.025.000** users per year from all over the World

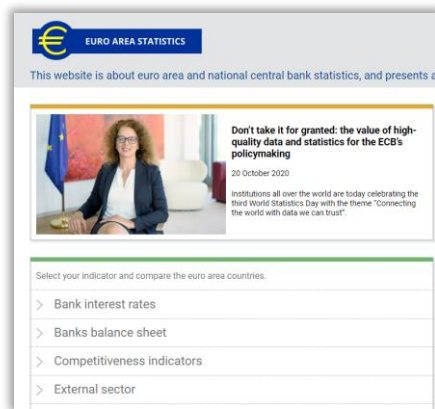
External users



ESCB users



- Launched in **2006**, needs **major improvements** to meet modern user expectations;
- Used mainly by **professional users**



~ **430.000** users per year from all over the World

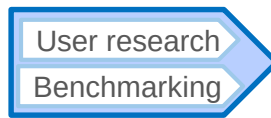


~ **3.200** downloads

Background: Project approach and deliverables

1 Discover

Gathering data



Generate insights

Identify pain points

Create hypotheses

Create visuals

Prioritised roadmap

Pilot version

Go-live

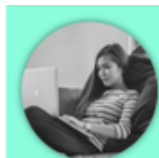
User
alignments



Background: Conceptual study

User research

Based on in-depth interviews with 44 professional, semi- and non-professionals users pain points were identified and new requirements envisioned



Non-professional
Students, general public



Semi-professional
Journalists, researchers,
professors, managers



Professional
Economists, analysts

Benchmark examples

Analysis of 20 data portals' of peer and non-peer organizations to identify best practices



2

Project scope and timeline

ECB data portal - Project scope

- Develop a new **ECB data portal to the public**, that beyond being an efficient data dissemination channel, *communicates statistics in an accessible and understandable way for all user groups*. It also unifies the existing ECB statistics channels under a single and user-friendly front-end.



ECB Data Portal implementation milestones

- ✓ **Release 1** completed by Dec 2021
- ✓ **End-user testing** completed
- ✓ **Release 2: Technical go-live** – start of shadow production



Release 1 – high priority requirements
Release 2 – medium priority requirements
Release 3 – low priority requirements

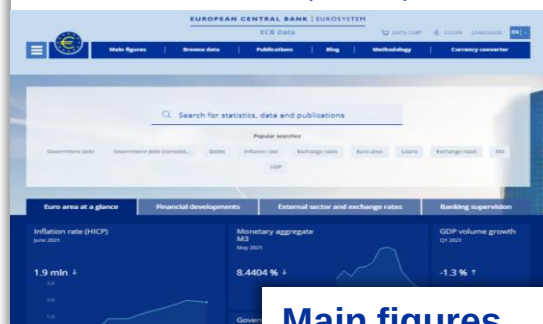
3

Main features of the
new portal

ECB Data Portal – main features

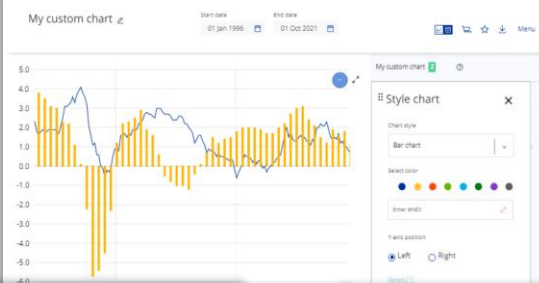
Homepage

Search - Dashboard - Portal news -
Release calendar - Popular topics



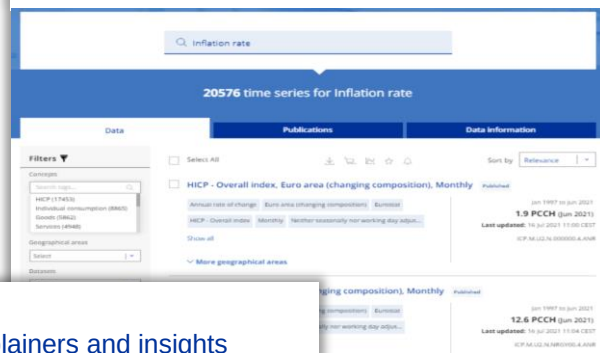
Time series & comparison

Chart & table view – style chart –
transform data – custom charts



Browse data

Browse by categories, concepts, datasets or
geogr. area



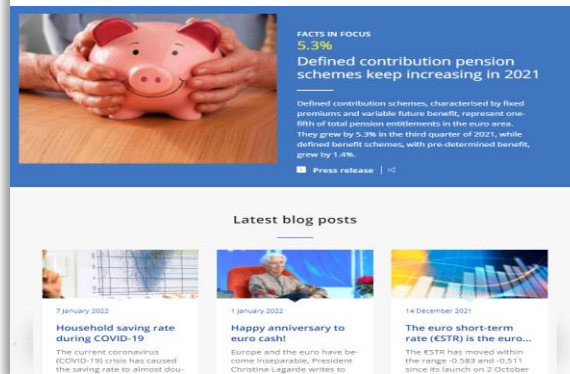
Main figures

Euro area & country comparisons–
Dashboards - methodology



Blog

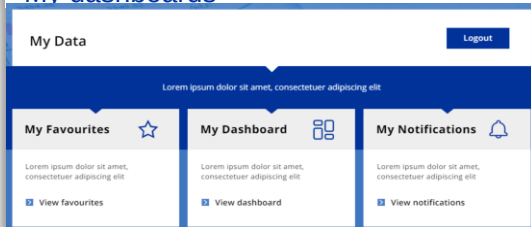
Facts in focus – explainers and insights



ECB Data Portal – main features

My favorites

Personal data lists – publications list –
My dashboards



Simple & advanced filters

Filters by concepts, geo. areas,
datasets etc – SDMX based filters

Advanced filters

Select between 1 and 5 datasets for which you want to apply filters. Only time series satisfying the below criteria will appear in the search results.

Datasets: Indices of Consumer prices... ▾

ICP

EXR

PSS

MPD

RTD

Frequency-CL_FREQ (2)

Select ▾

Reference area-CL_AREA_EE (31)

Select ▾

Classification - ICP context-CL_ICP_ITEM (482)

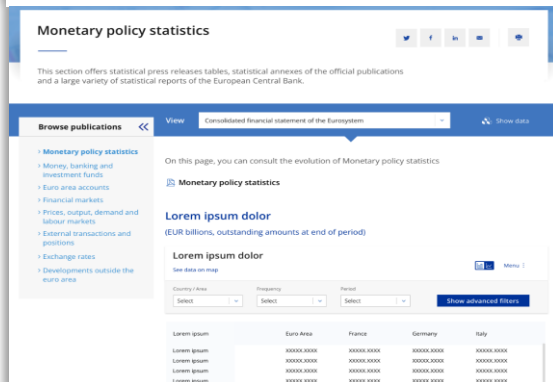
20576 series are displayed for ICP, EXR, PSS, MPD, RTD

Reset All

Apply

Interactive reports

PDF reports (short run) - Embedded
SPACE publications (long run)



Download



Embedding charts
in other webpages



Excel Add-In



User activity logging



Content migration



4

Next steps

Next steps

- Finalisation of bug-fixing and regression testing; performance improvements
- Creation and validation of content
- Business go-live - Opening to the public
- Discontinuation of SDW, Euro Area Statistics and ECB Stats App

