Statistics at the ECB

Francesca Benevolo
Research Analyst
Directorate General Statistics
European Central Bank

I Mestieri dello Statistico, Genova

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Overview

Introduction

My academic studies

2013 - Bachelor Degree in Statistics and Maths – University of Genova
2013 - Erasmus program - Technische Universität Dortmund
2016 - Master Degree in Statistics and Economics – University of Milano Bicocca

My working experience

Since 2016 at the ECB…
Trainee
Research Analyst

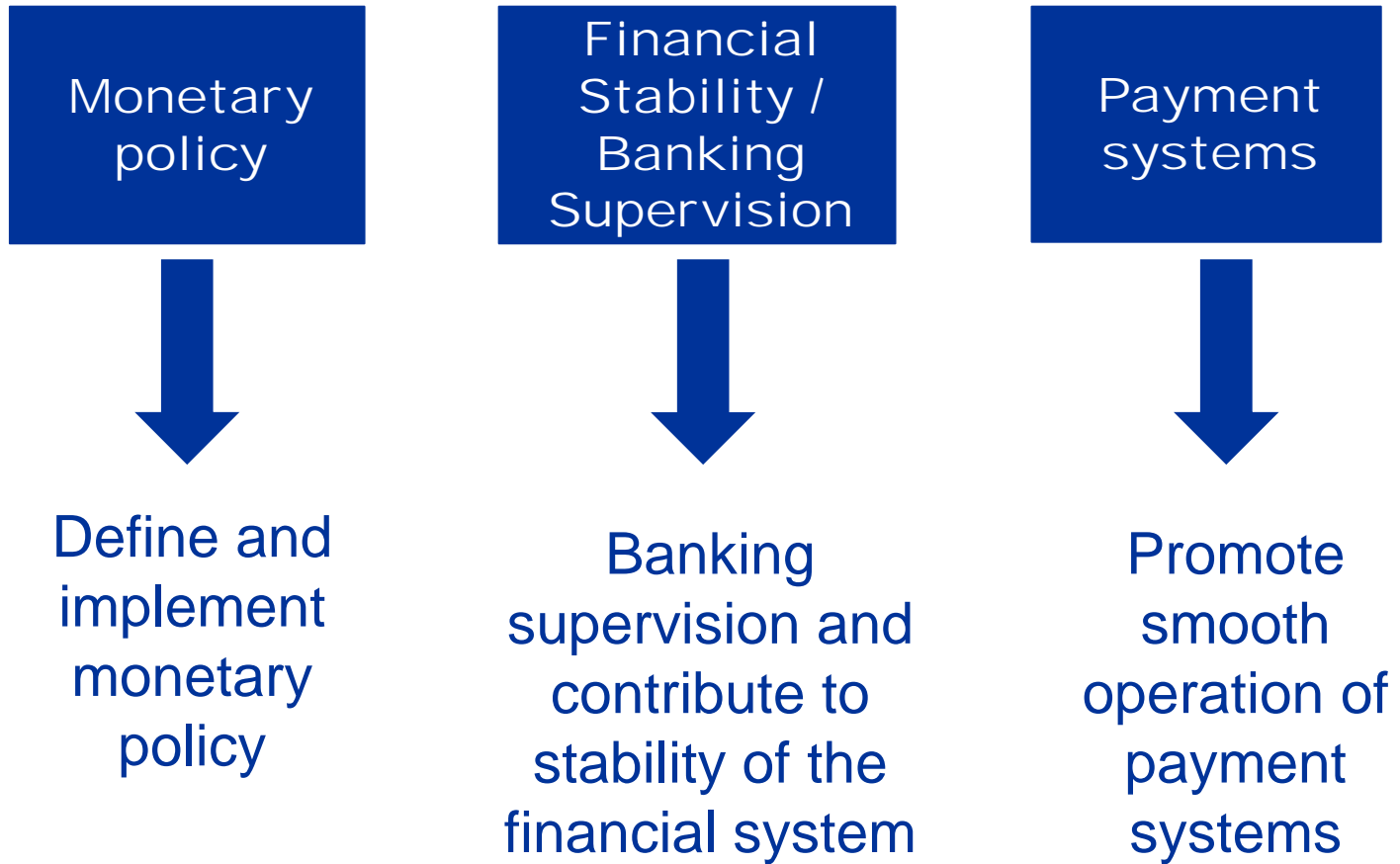## Why am I here?

Statistics at ECB – Why data are important?
Who are the Statisticians?

The ECB

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Key ECB / Eurosystem / ESCB functions

Monetary policy	Financial Stability / Banking Supervision	Payment systems

Define and implement monetary policy

Banking supervision and contribute to stability of the financial system

Promote smooth operation of payment systems

Data needs of ECB's monetary policy strategy

Primary objective: price stability

Governing Council

takes monetary policy decisions
based on an overall assessment
of the risks to price stability

Economic analysis

Analysis of economic
dynamics and shocks

cross-checking

Monetary analysis

Analysis of
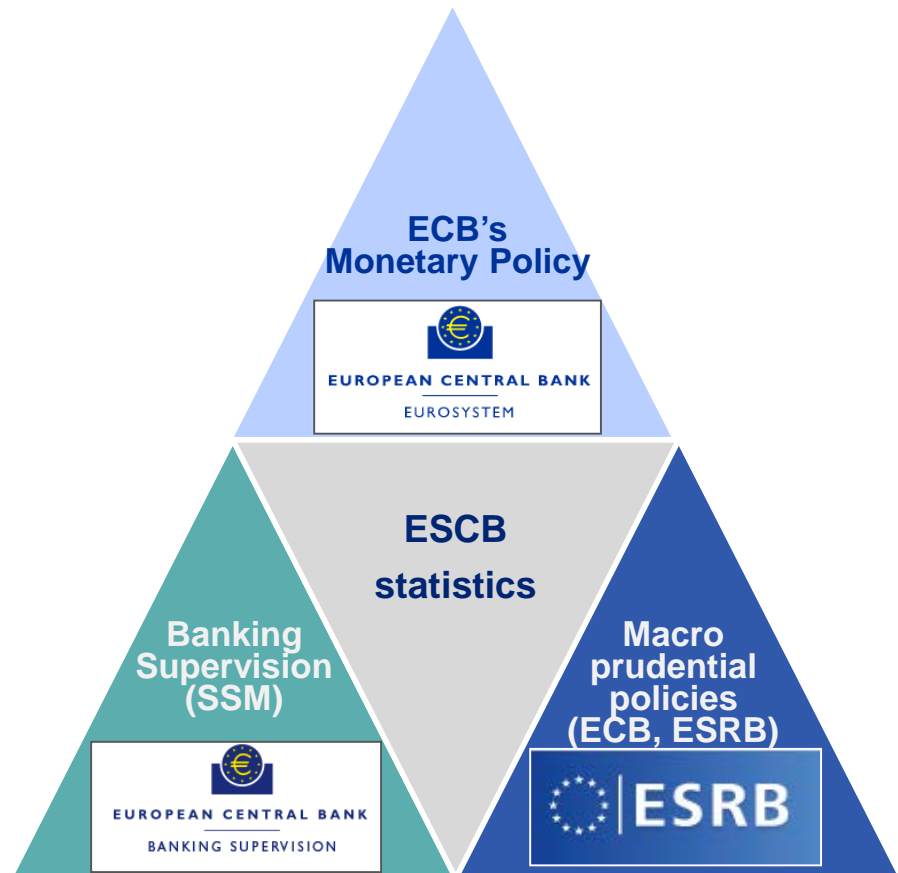monetary trends

Full set of information
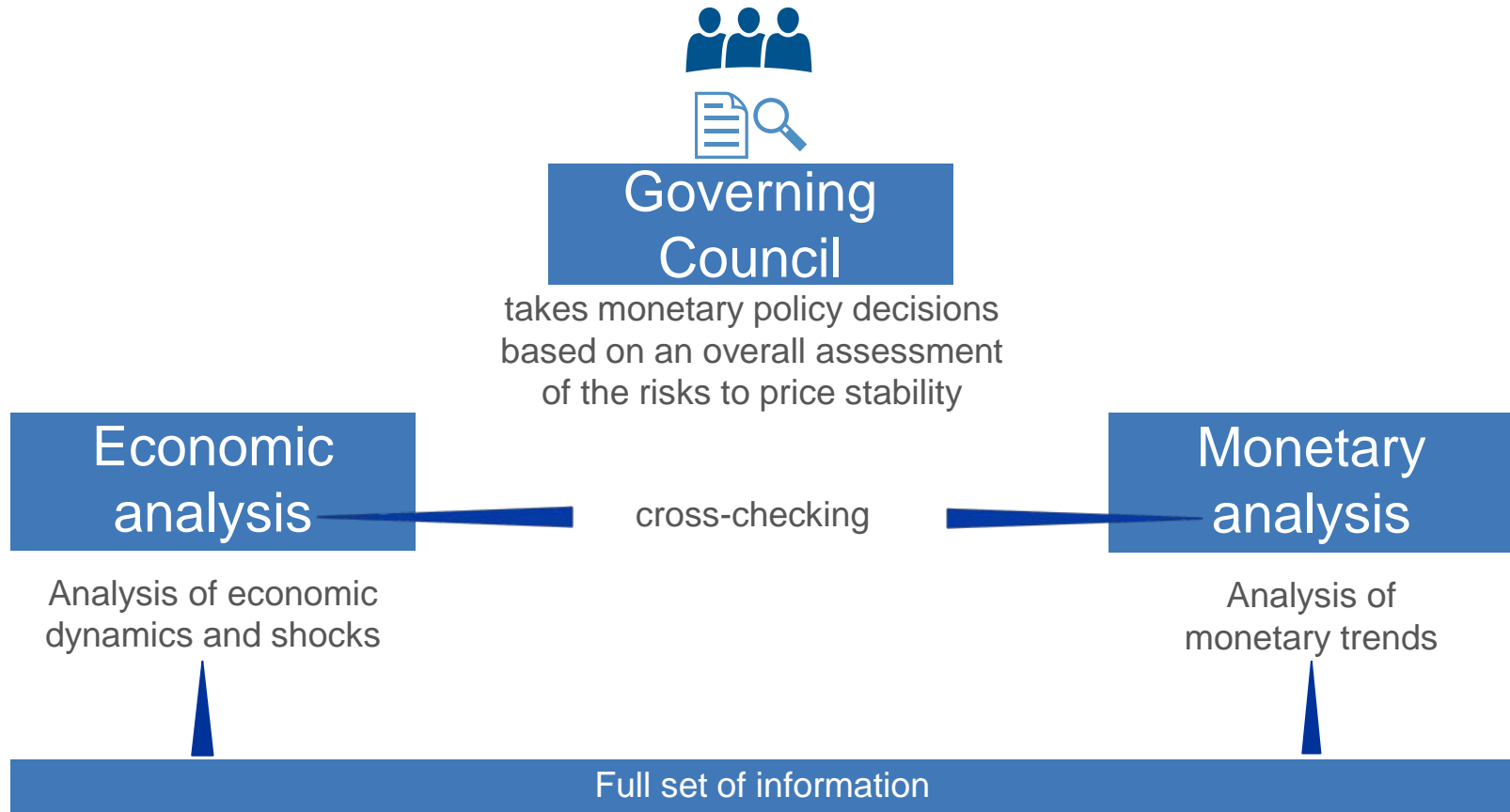
New data needs resulting from the crisis

- ECB's new responsibilities for macro- & micro-prudential policies

- Policy decisions are based on data

Need of more granular data

Single Supervisory Mechanism - SSM

The Single Supervisory Mechanism (SSM) refers to the system of banking supervision in Europe.

Let's watch a video to find out more about the SSM:
https://youtu.be/1RI7n7y-eXg

Supervisory Data – My working experience

Data collection

- Supervisory data are collected from 4600+ credit institutions.

- 500+ reports received every day.

Data production

- 2800+ Key Risk Indicators are calculated for the 119 significant banks supervised directly by the ECB.

- 200+ financial reports every day.

Data dissemination

- Data are used by European Institutions to ensure consistent supervision within the Euro Area.

Statisticians at the ECB

Who are they?

- Statisticians
- Mathematicians
- Data Scientists

… but also Physicists, Economists, Engineers and many others!

DG-Statistics in numbers…

250+ people working at DG-Statistics from 28 EU Member States.

Traineeship

60+ trainees joined DG-Statistics on 2017.
Only 30% of female applicants → *ensure gender diversity is a current priority for DG-Statistics.*

ECB statistics

The ECB provides its statistics free of charge as a public good!

SDW – Statistical Data Warehouse - http://sdw.ecb.europa.eu/

- Consolidated banking data
- Statistics Bulletin
- Economic Bulletin

ECBstatsApp
Access to ECB statistics

ECBstatsApp 4+
European Central Bank

Free

OurStatistics
Euro area and national central bank statistics

Thank you for your attention.

Francesca.Benevolo@ecb.europa.eu