

35th INTERNATIONAL COTTON CONFERENCE BREMEN 2021



Presentation

- Session: **Passion for Sustainability (C6)**
- Title: **Use of sustainable cotton fibres in Euro banknotes**
- Speaker: **Bernadette O'Brien**, European Central Bank, Frankfurt, Germany

Presentations are available on the conference archive: <https://baumwollboerse.de/en/cotton-conference/lectures/>

Conference Organization

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EUROPEAN CENTRAL BANK

EUROSYSTEM

Use of sustainable cotton fibres in Euro banknotes



ICCB 2021

18 March 2021

Bernadette O'Brien

Senior Banknote Production Expert

European Central Bank (ECB)

European System of Central Banks (ESCB)

European
Central
Bank (ECB)



27 Central
Banks in
Europe



European Central Bank (ECB)

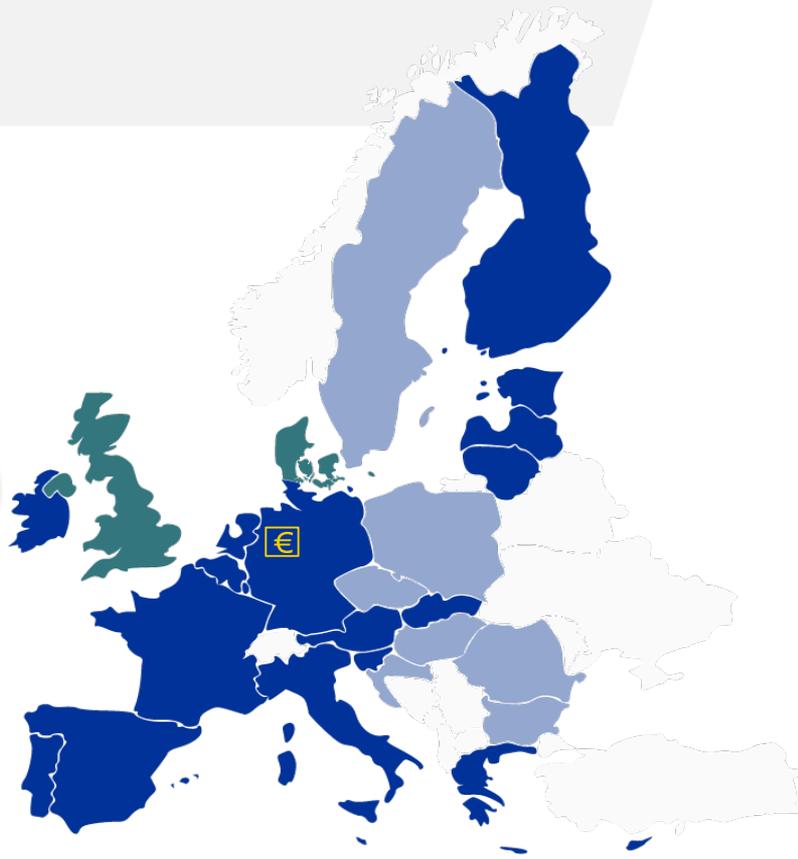
Eurosystem

European
Central
Bank (ECB)

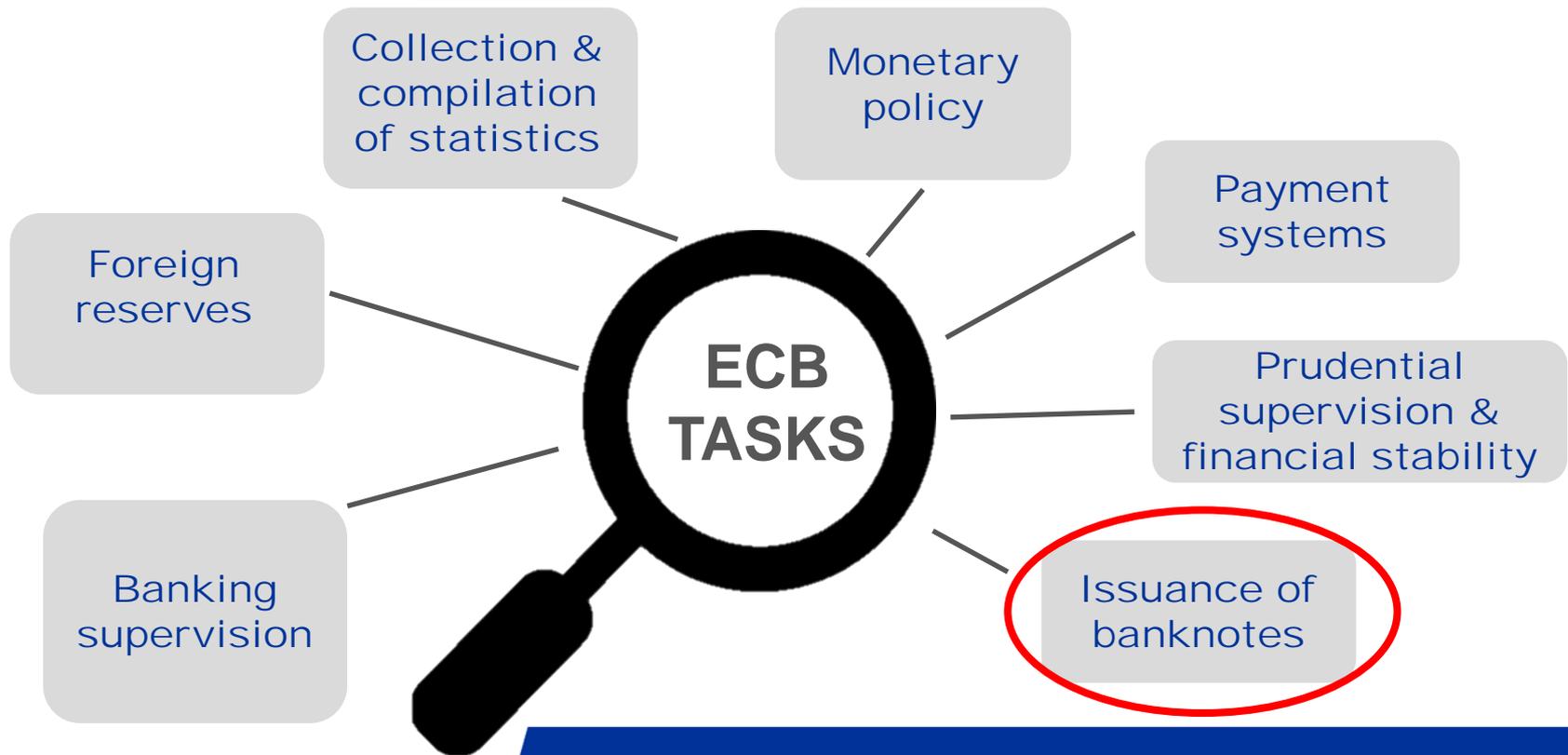


19 Central
Banks in
Europe

*All Central Banks of the Member States that
have adopted the Euro as their legal currency*



ECBs role in Banknotes



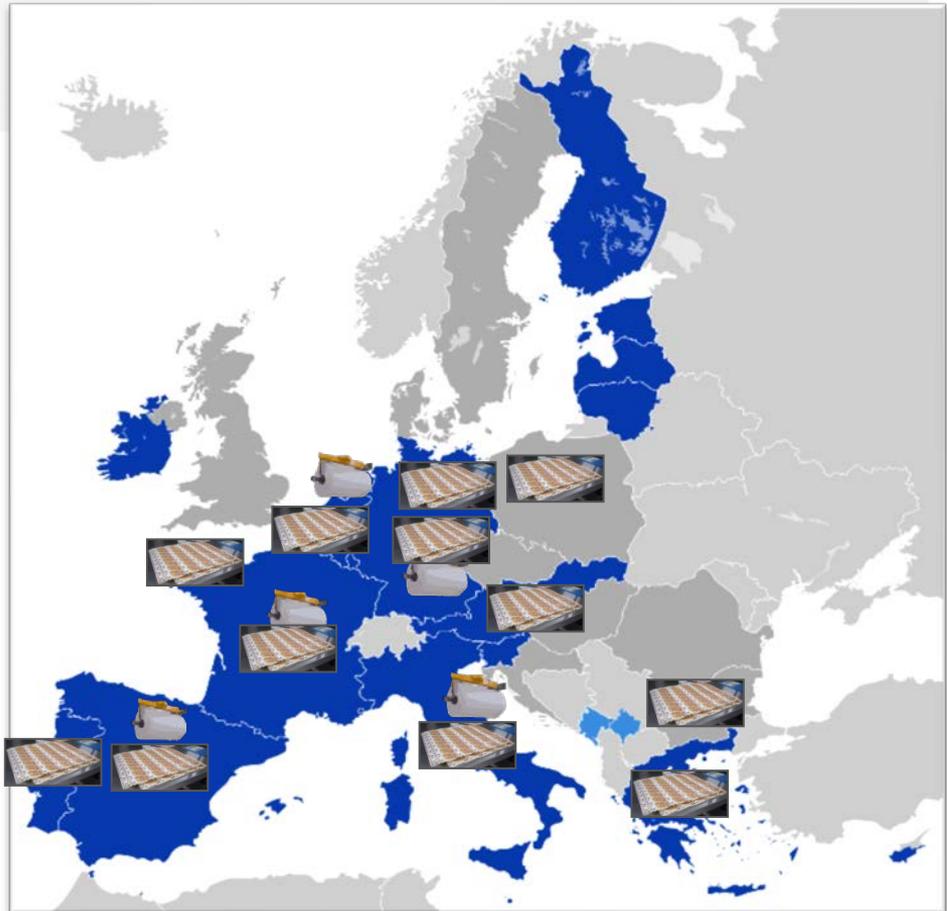
Banknote Production

40 
accredited
manufacturers

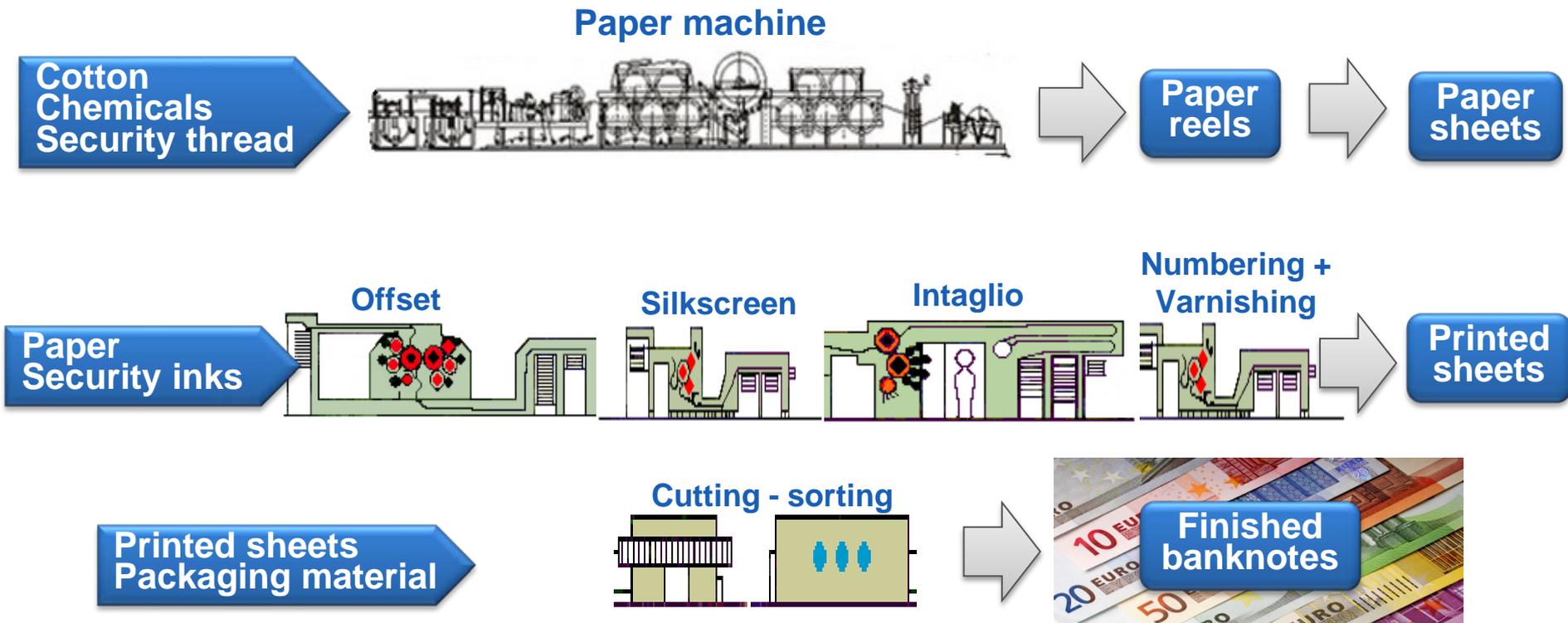
12 
printing works

6 
papermills

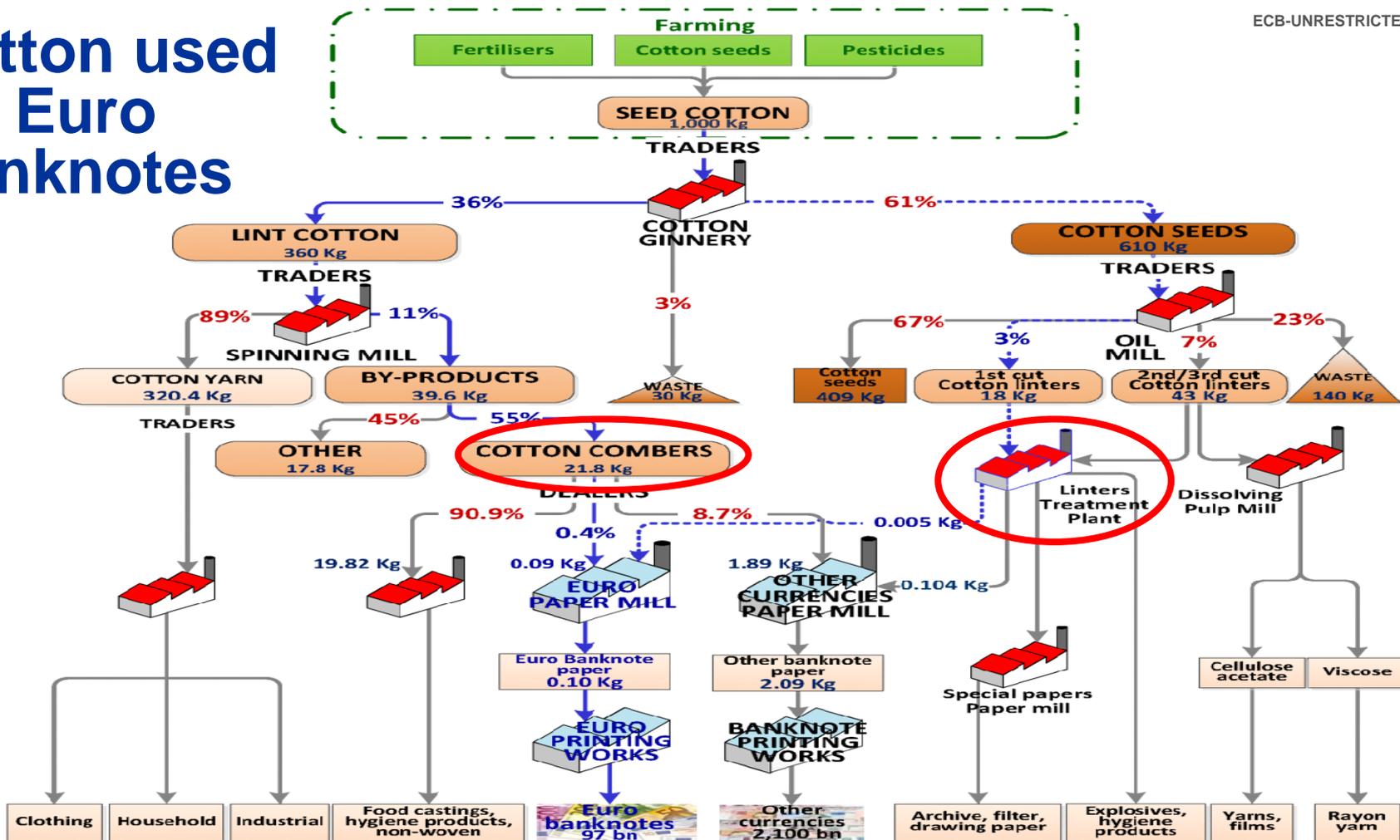
22 
raw materials



Banknote Production

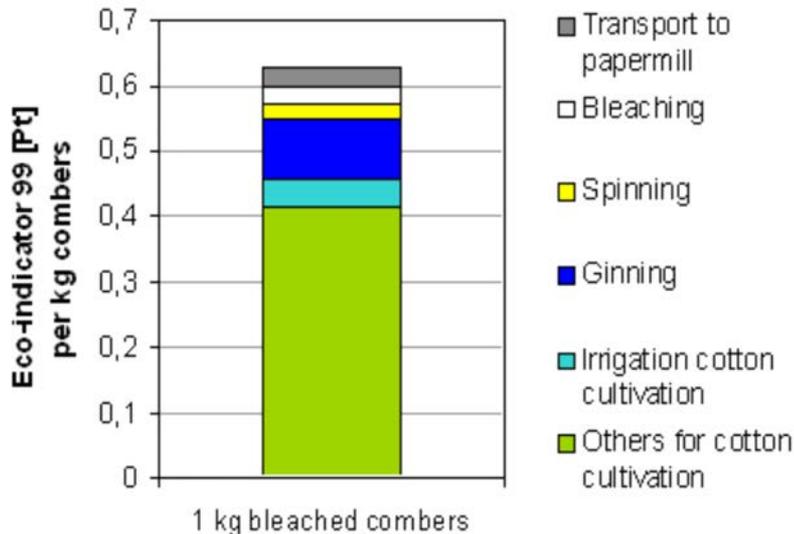
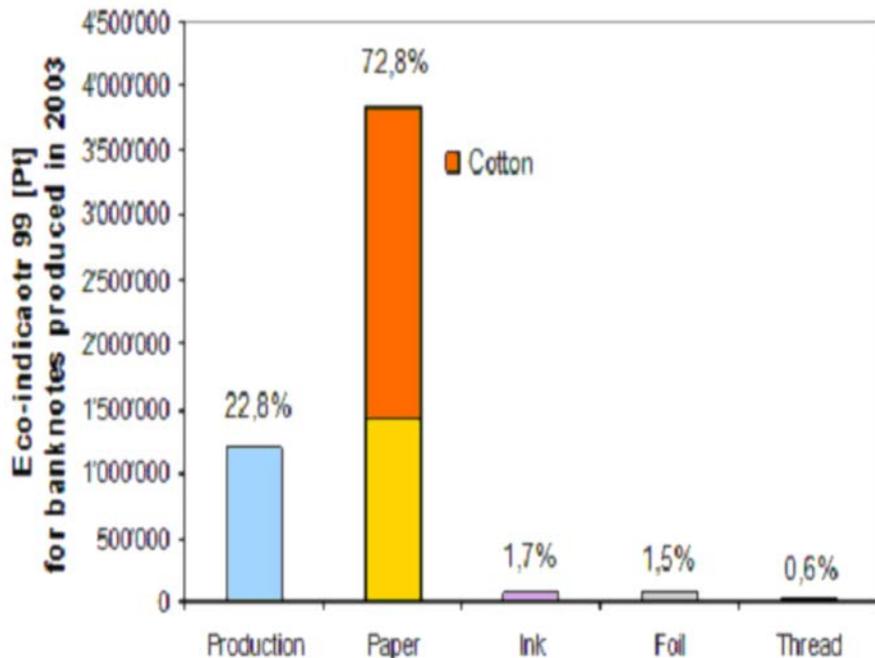


Cotton used for Euro Banknotes



Environmental Considerations and Focus

Life Cycle Assessment (LCA) conducted in 2004, Cotton key contributor of the environmental impact we can control in the production



Eurosystem Sustainable Cotton Definitions



Organic



Fair trade



**Integrated
Production**

➤ GOTS

➤ Naturland

➤ Naturtextil

➤ BCI

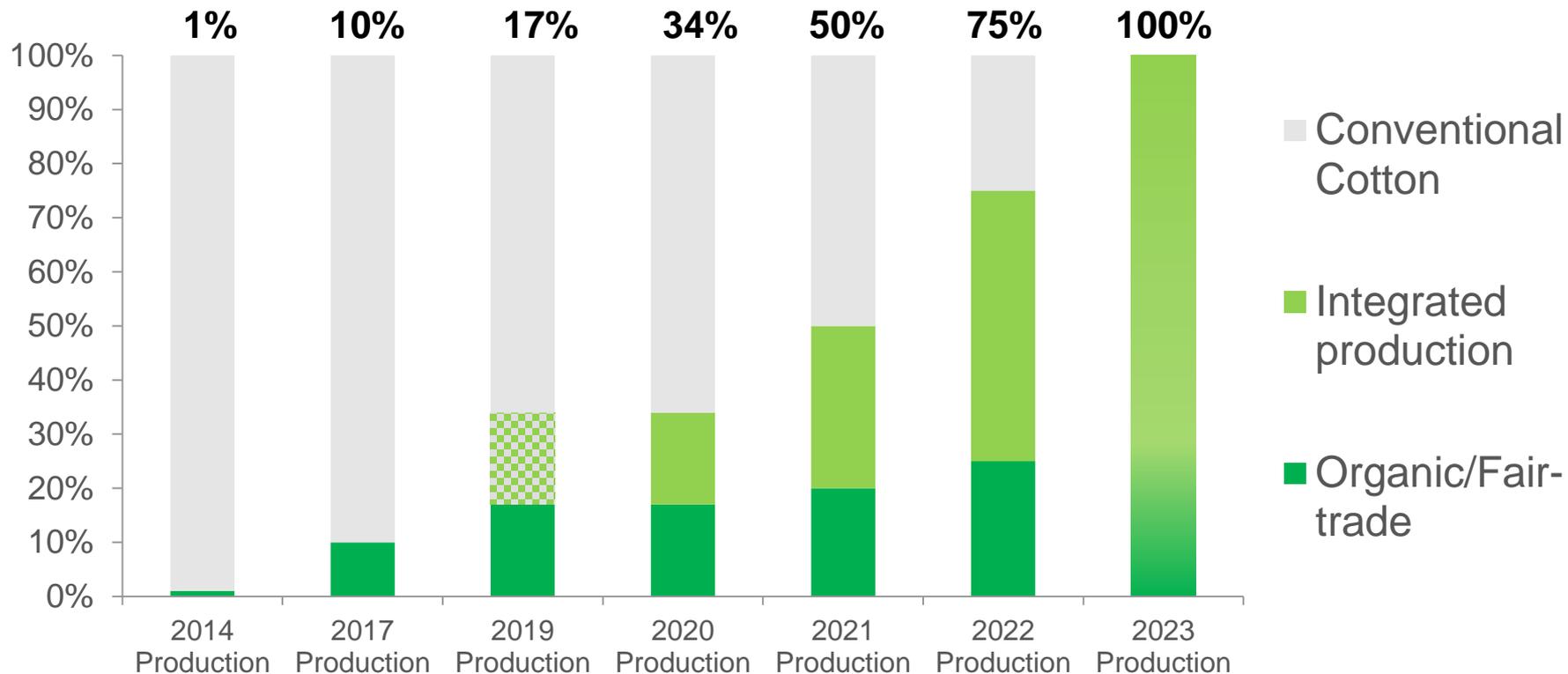
➤ CmiA

➤ CCS

➤ EU standard

➤ NOP

Sustainable Cotton Programme



Sustainable Cotton Programme-Challenges

Supply Chain and Market Availability

Average annual cotton requirement = approx. 5,000-6,000t

For ensuring sustainable cotton, we rely on label **CERTIFICATION**

*Challenge is to have certified labels for the cotton
combers and linters in our supply chain*



Our Future

Maintain and continuously improve the environmental footprint of our product, the **EURO**

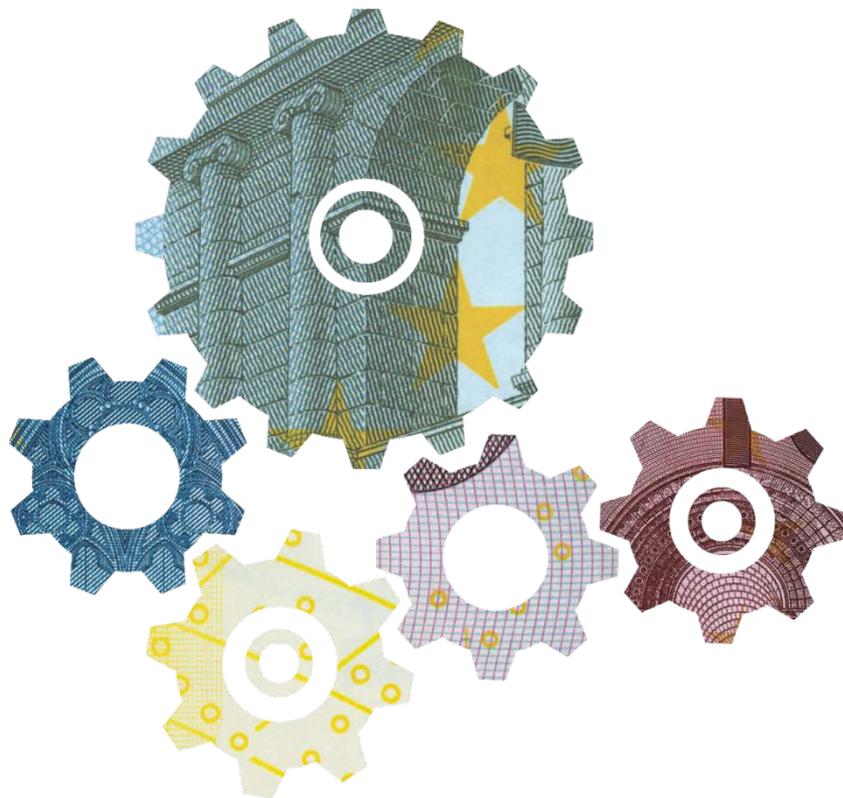
PEF project: An environmental impact study assessment of our banknotes using the European Commission method called the Product Environmental Footprint (PEF).



Our Future

With our sustainable cotton programme and all our sustainable environmental initiatives we are **making euro banknotes greener** and thus improving the environmental sustainability of the world we live in





THANK YOU!