



**BIOMETRIA**



# Biometria in brief

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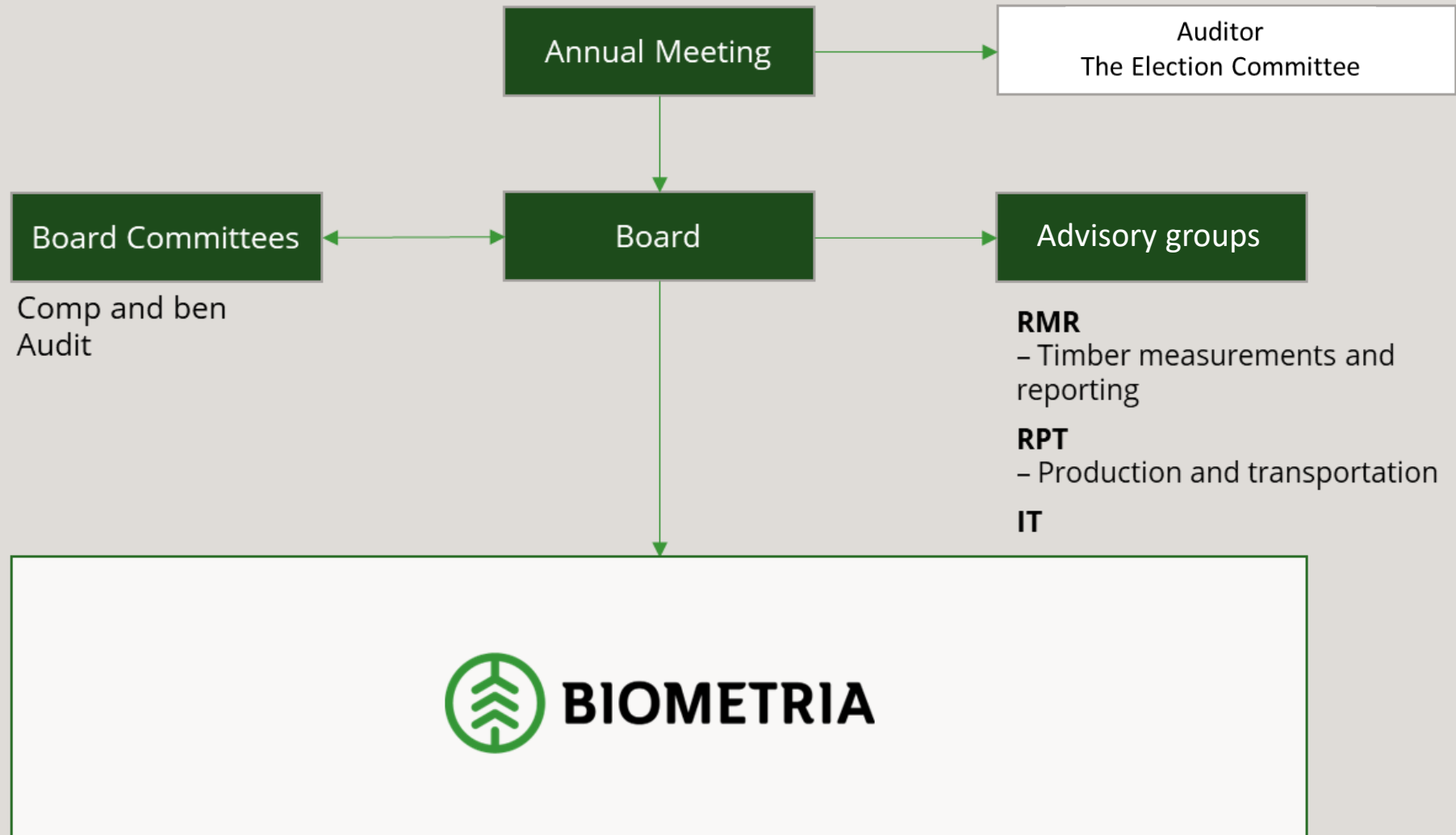


# What is Biometria?

Biometria is a member-owned association operating in the forestry sector. The association is increasing security in timber trading, through impartial measurement and detailed reporting.



# Biometria Economic Association





## Our service areas



Production



Transport



Measurement



Reporting



Training



# Biometria's Organisation



# Our values

Reliable

Committed


Impartial


Together

# Biometria in figures



  
**850**  
employees

**100**   
million m<sup>3</sup>sub  
timber transports  
reported per year

**31**   
million m<sup>3</sup>sub volume  
measured through  
remote measurement

**120**   
billion SEK - timber value  
per year


## Biometria operates all over Sweden

**700 000**   
measurement reports/year


  
**3000**  
users

**800**   
quality-assured harvesters

**1000**  
client companies

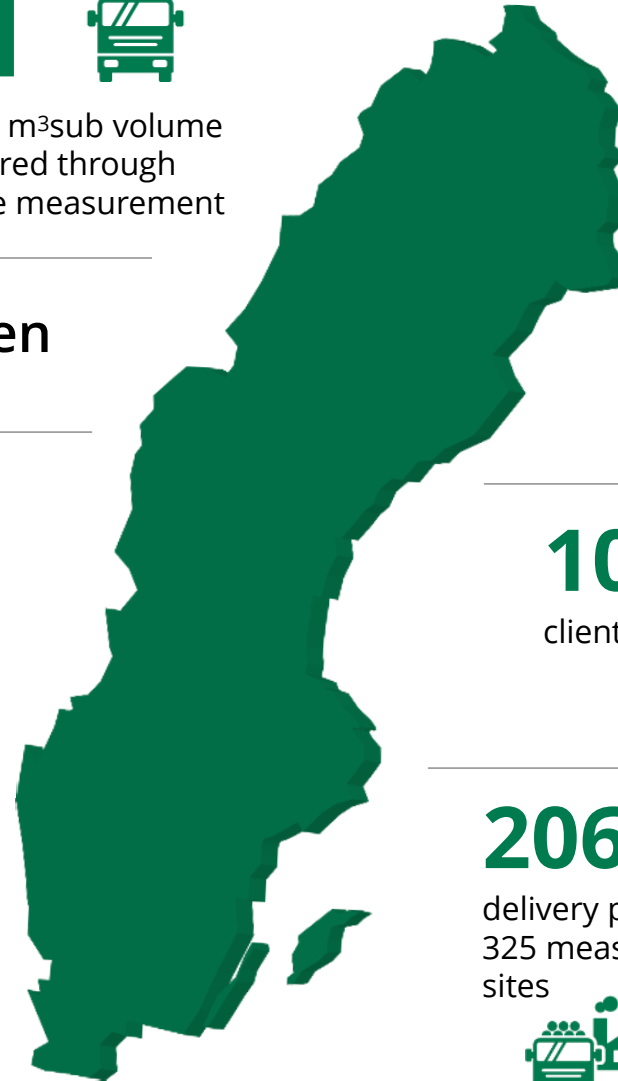
**3100**   
forest machines  
send data to  
Biometria

  
**83,2**  
million € in sales

**196**   
million m<sup>3</sup>sub  
reported volumes per year

**2060**  
delivery points and  
325 measurement  
sites

**273**   
member companies






# The information flow



**23 000**  
Check-stacks each year

**7**   
million photos per year from Iris. Total approx. 6 TB per year.

**110 000**   
check logs per year

**163**   
Integration clients

**210**   
information about approx. 210 million trees per year from harvesters.

**120** Integration  
Biometria sends approx. 120 million messages per year.




**4,2** Integration  
Biometria receives approx. 4.2 million messages per year.


**3000**   
users of Biometria's systems and services


**2,4**   
million transport reports per year

  
**BIOMETRIA**


**130 000**  
contracts per year

**2**   
million harvester files per year, totalling approx. 3 TB.

**7 000**   
transports per day

**2,8**   
million raw material reports per year

**700 000**   
measurement reports/year

**325**  
Measurement sites  


**700 000**   
forwarder files per year, totalling approx. 15 GB.



# Biometria services contribute strongly to sustainability work throughout the forestry sector



Provide important information for **climate reporting** through quality-assured data

Ensure **traceability** of forest raw material for many legal requirements and certifications

Contribute to **reduced transports** through improved road information, accurate routing, and simple administration for timber exchange

Contribute to **better utilisation of raw materials** through accurate bucking and sorting



# VIOL 3

New platform for Biometrias business support

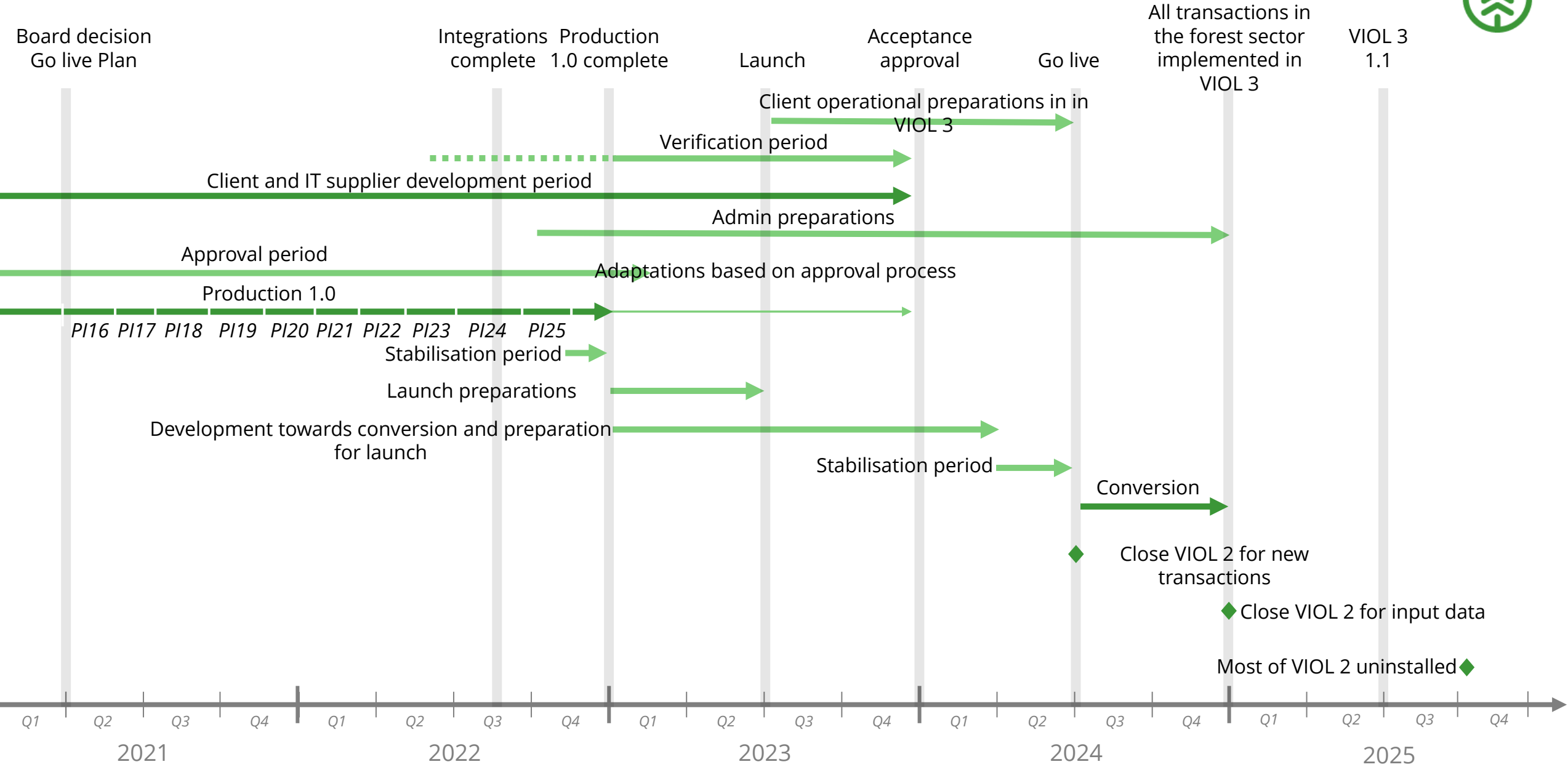


## VIOL 3 simplifies, clarifies and improves

The new version of VIOL contains business support for raw materials and transport, the production system, measurement site support, and the report portal. Biometria's report portal contains results, follow-up, and the possibility for analysis in the service areas Reporting, Transport, Production, and Measurement.

- » VIOL 3 is a modern scalable platform
- » A prerequisite for making the right use of modern technology
- » Enhance efficiency
- » Enables mobility – can be used on the device of your choice

# Time table VIOL 3



**Biometria is committed to maintain  
the papiNet standard®**





# Biometria is one of 11 financial supporters to papiNet GIE 2021 – 2023





## Biometria and SDC timeline with papiNet

(1 of 3)

- » 2007 SDC initiates papiNet Forest Wood Supply as a segment implementation group together with German KWF, Finnish Metsäteho, Norwegian Skog-Data and Swedish SCA and Skogforsk
- » 2008 SDC joins papiNet Central Workgroup representing papiNet Forest Wood Supply
- » 2013 At SDC the first papiNet integration is created – using *Measuring Ticket*.  
It is used for **internal** communication from measuring equipment to legacy measuring system
- » 2014 The first **external** papiNet integration with SDC – using *Delivery Message* and *Shipment Status*.  
It **reduces truck queues** at measuring locations as carriers send e-documents in advance.
- » 2016 Continued development of new system VIOL 3 to replace core system VIOL.  
Its external integrations should use papiNet standard or – for forest machines – StanForD.





## Biometria and SDC timeline with papiNet

(2 of 3)

- » 2017 Customers are replacing all legacy integrations to VIOL with papiNet integrations
- » 2018 SDC signs agreement to support papiNet GIE financially 2018 – 2020
- » 2018 Almost 100% of Swedish forest wood supply trade on VIOL integrates with papiNet documents
- » 2019 SDC merge into Biometria – a new member of papiNet
- » 2020 Biometria participate in API specification development of papiNet Central Workgroup
- » 2021 Biometria signs agreement to support papiNet GIE financially 2021 – 2023



## Biometria and SDC timeline with papiNet

(3 of 3)

- » 2022 On average VIOL sends 20 million papiNet messages per month to external parties
- » 2022 External integrations in VIOL 3 use the papiNet standard – except forest machine integrations
- » Today Biometria hosts first FWS&B meeting since covid-19 started  
It is actually the **15 years anniversary** of the group.



## **Biometria expects continued great work with papiNet**

- » papiNet integrations are business critical to forest wood supply chain in Sweden
- » Meet frequently to evolve standard with the everchanging business environment
- » Leverage a standard that fits the industry – owned by the industry
- » Interoperability among partners reduces supply chain costs
- » Standardised business integrations enable lower IT cost
- » More business opportunities with reusable integrations



**Thank you all for your important  
commitment in papiNet and I wish you all  
a really good meeting in Uppsala**