



Simplifying Progress



Sustainability at Sartorius

September 2021

SARTORIUS

Sustainability is an integral part of our business

3 GOOD HEALTH
AND WELL-BEING



Good health and well-being at the focus of Sartorius' business activities

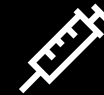
SUSTAINABLE
DEVELOPMENT GOALS

Our mission

We empower scientists and engineers to simplify and accelerate progress in life science and bioprocessing, enabling the development of new and better therapies and more affordable medicine.

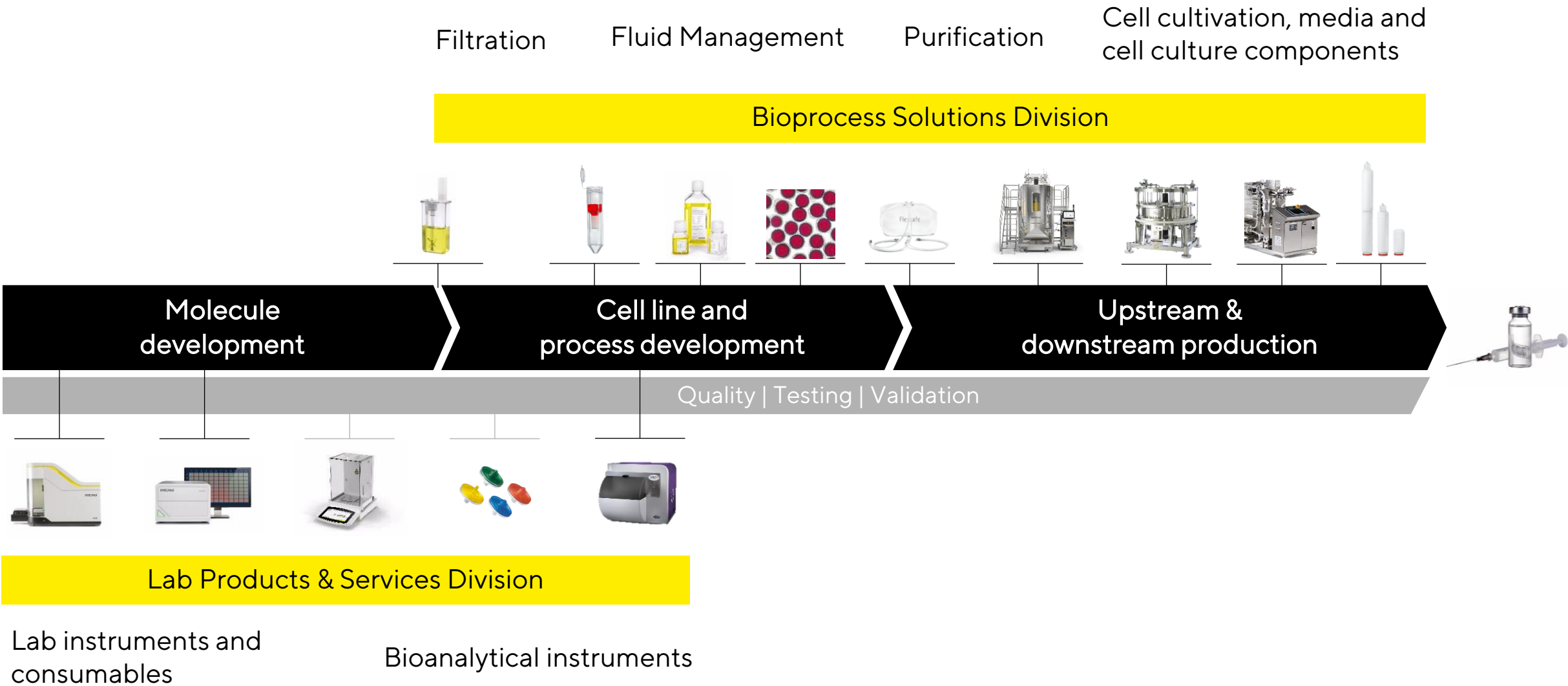


200+ companies developing
coronavirus vaccines



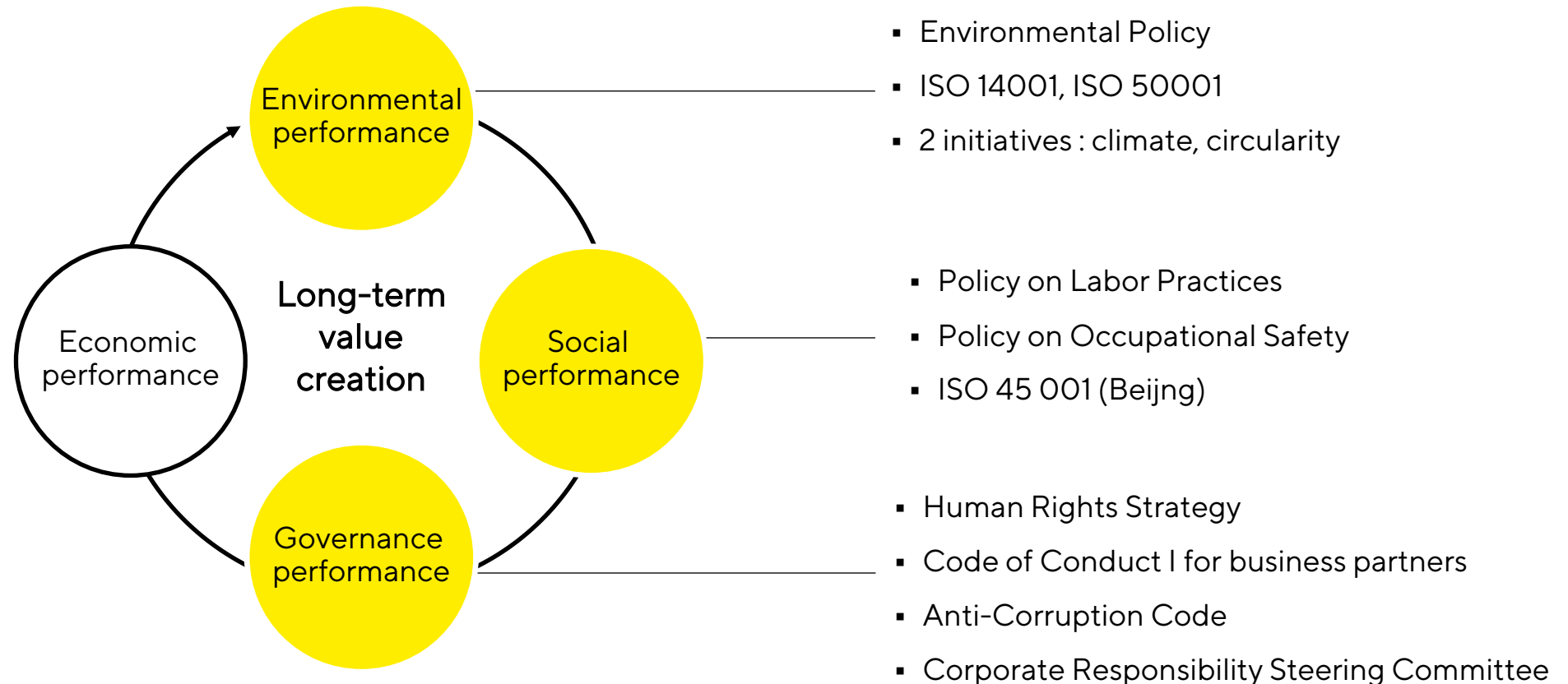
The majority work with
Sartorius products

Strategic focus on the biopharma market

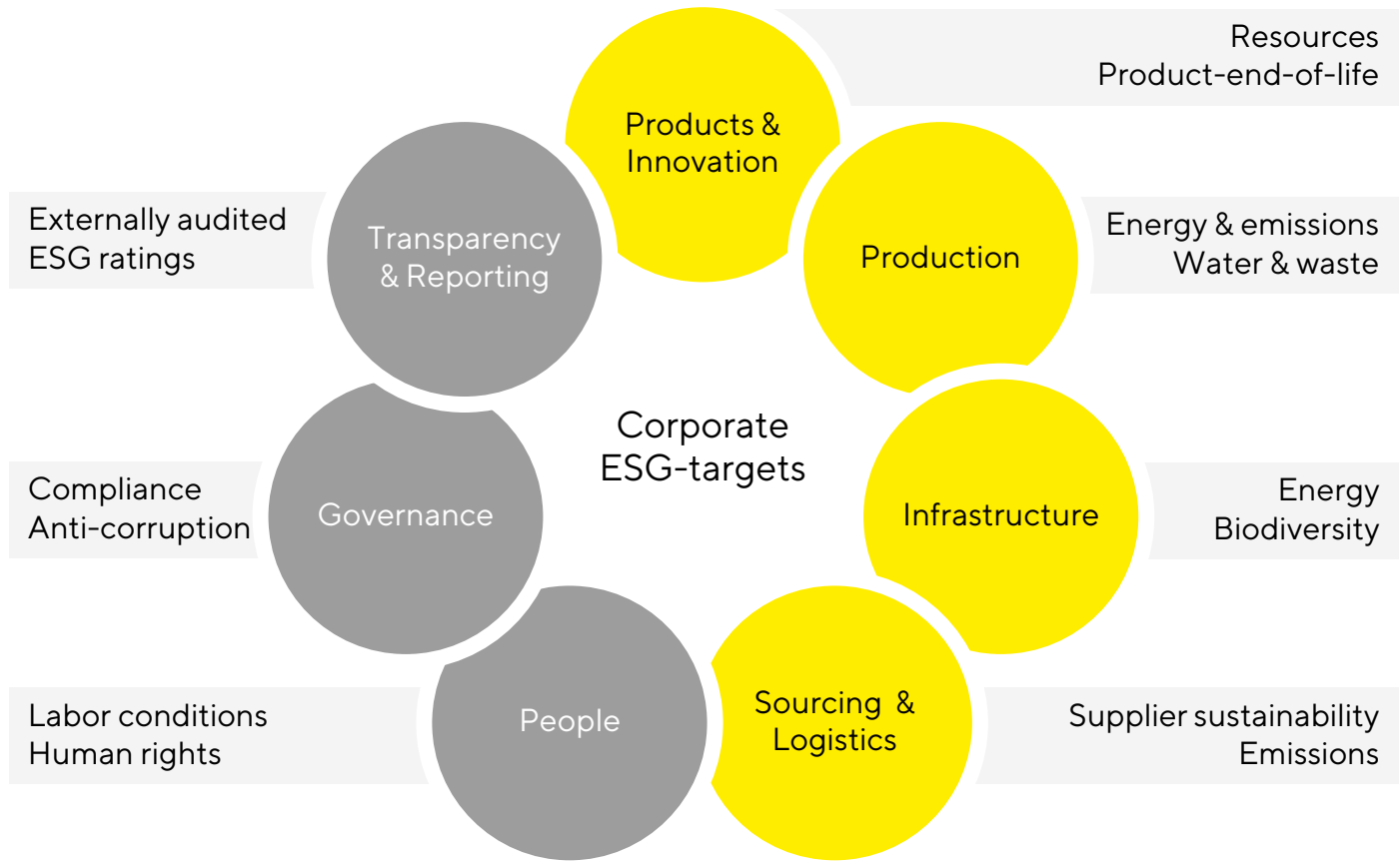


Responsible management and long-term value creation

Our responsibility basics



Managing our impact – contributing to the SDGs



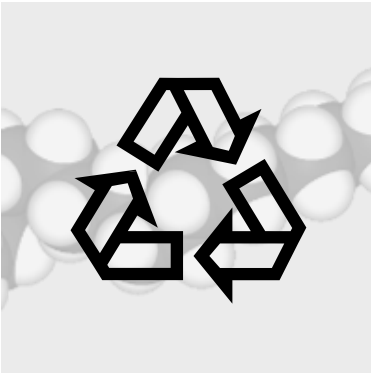
Three sustainability initiatives with a focus on products and supply chains



Product responsibility
Further reduction in the environmental footprint of our products and their use

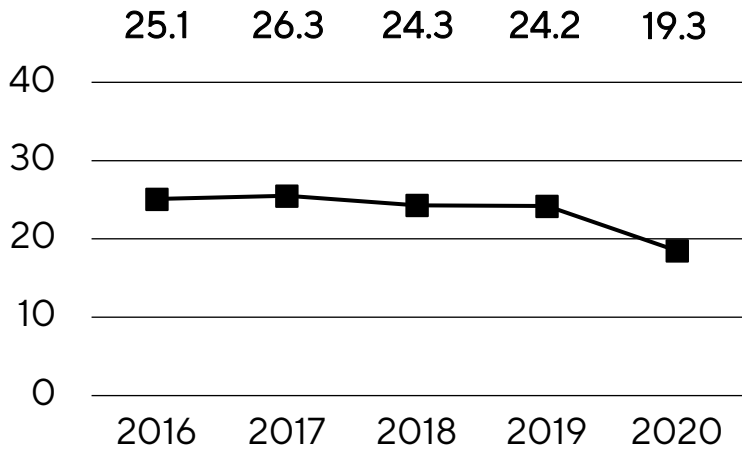


Improving material efficiency along the product life cycle



Climate protection
Significant decrease in emission intensity

Development of climate-relevant emissions



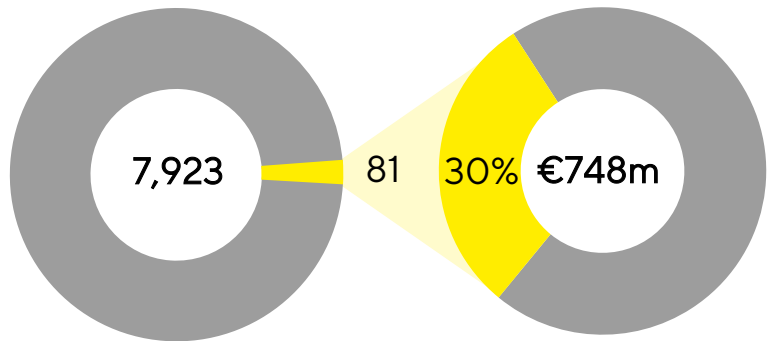
in proportion to annual sales, in t | € in millions



Supply chain
Ensuring compliance and contribution of supply chains

No. of suppliers

Purchasing volume



Assessment conducted by EcoVadis


Initiatives to improve the efficiency of materials along the product life cycle



Polymers
Polyethylene
Polypropylene
Polyamide
...

Plastics
Polymers & additives
...


Supply



Products and packaging
Bags, filters, transfer sets, ...

Not contaminated

Production



Usage
Upstream & downstream

~80% contaminated

Customer



EUROPEAN
PLASTICS
PACT

- Eco-design of products & packaging
- Reduce absolute amount of plastic
- Reduce share of virgin material
- Improve sorting and recycling
- Minimize proportion of landfilled waste

Examples – recycling in Aubagne and packaging design



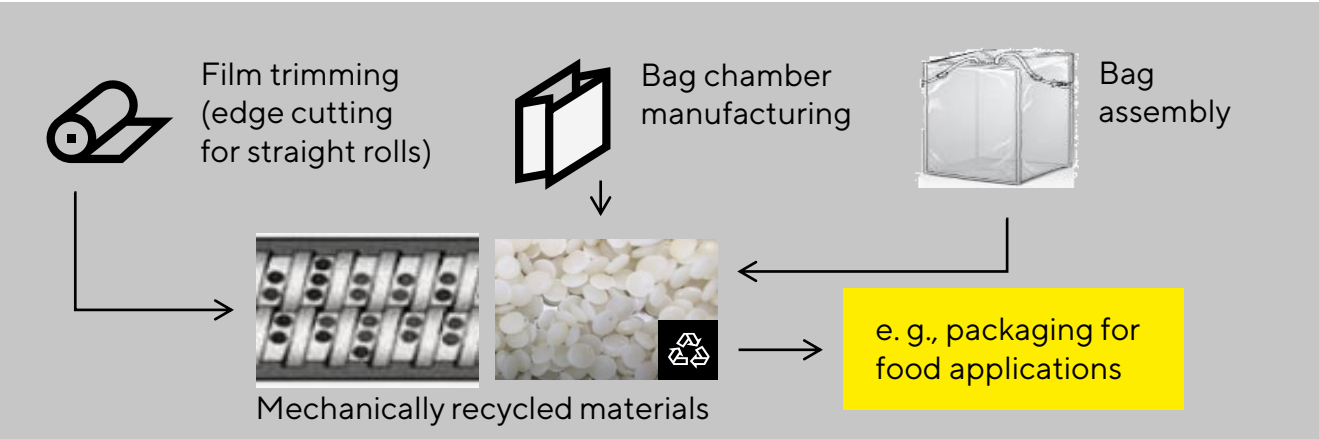
Film mandrels, pallets, roll supports



Packaging



Film trimming



Rethink packaging to recycle plastic and reduce weight and complexity



- Easy-to-separate cardboard boxes and foam materials
- Reduction of packaging weight
- Optimization of logistics data

-43%

less weight

+33%

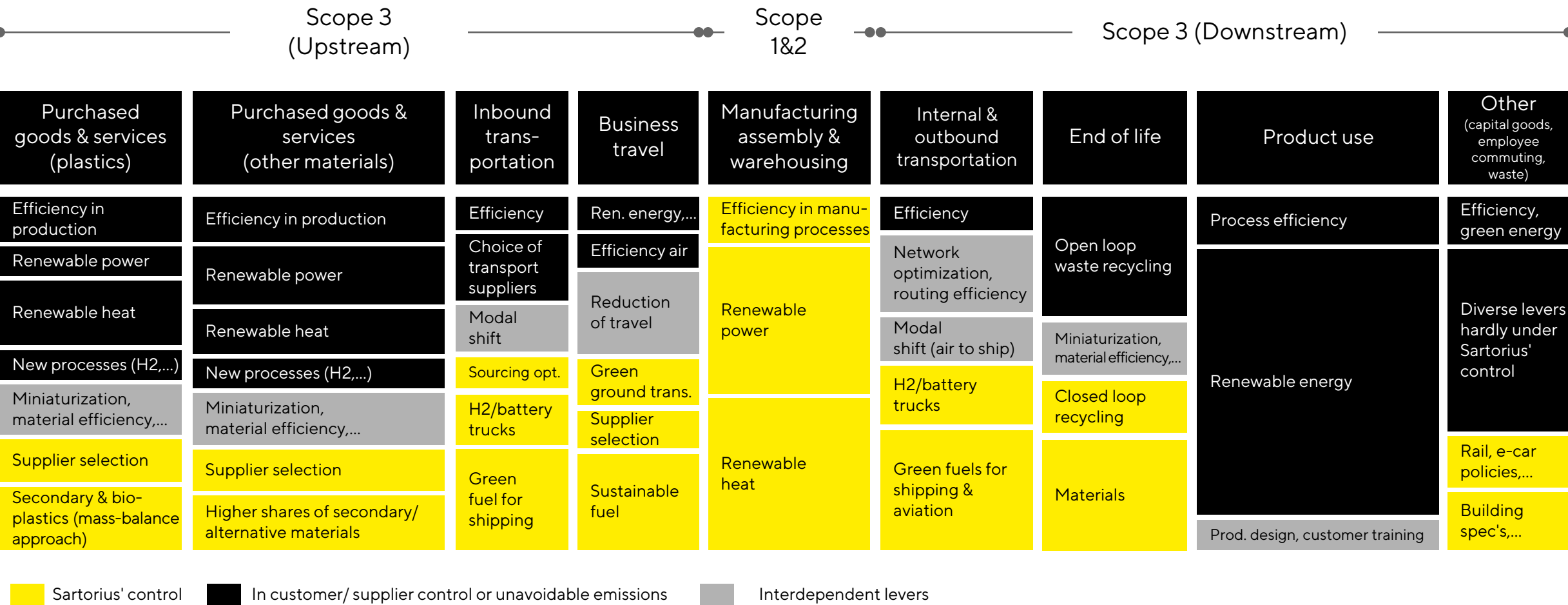
more product on pallet

+100%

return for recycling

Comparison of former vs. new packaging for MaxiCap 10" filter elements

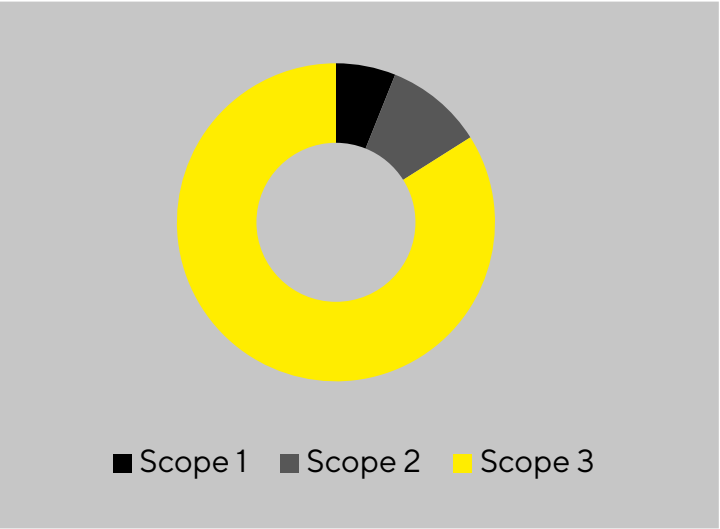
Balance of carbon emissions



High relevance of the supply chains' ESG performance

Impact of supply chains

For example, 80% of CO₂ emissions in Scope 3 of which purchased goods are the most relevant factor



Targets

Ensure and support improvement of supplier ESG performance: reduce environmental footprint; uphold human rights



- Energy and emissions
- Materials and waste
- Water and wastewater



- Human rights
- Labor conditions
- Health & safety

Management approach

Different lenses, multiple steps, involvement of external expertise

- 1 Code of conduct
- 2 ESG checks
- 3 EcoVadis assessment
- 4 Supplier engagement

Transparency, auditing, and rating

Reporting



Supply chains



Rating



In addition, Sartorius passes more than 350 regular customer audits per year.

SARTORIUS