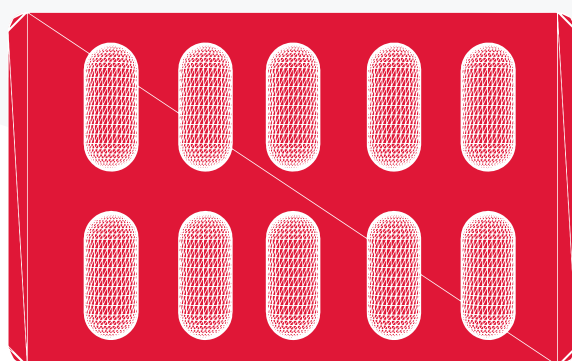
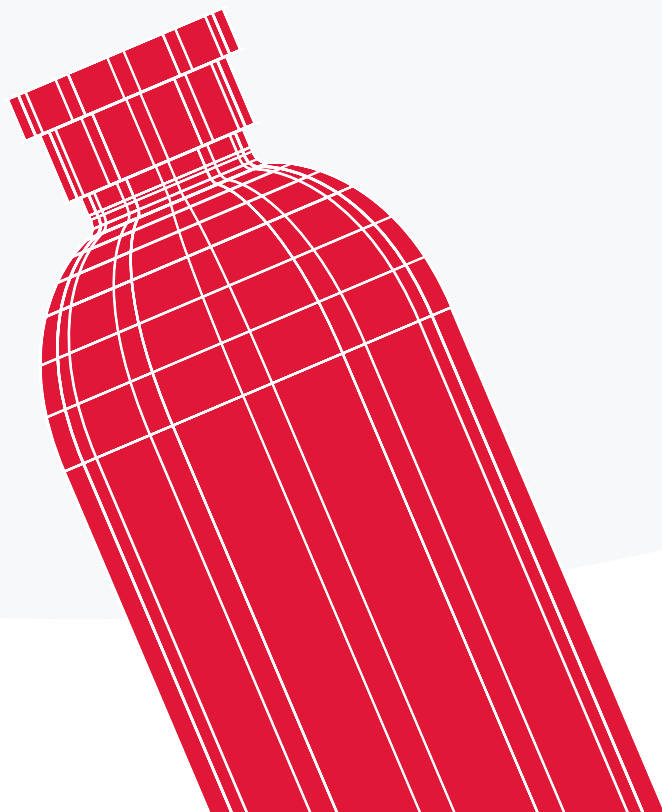
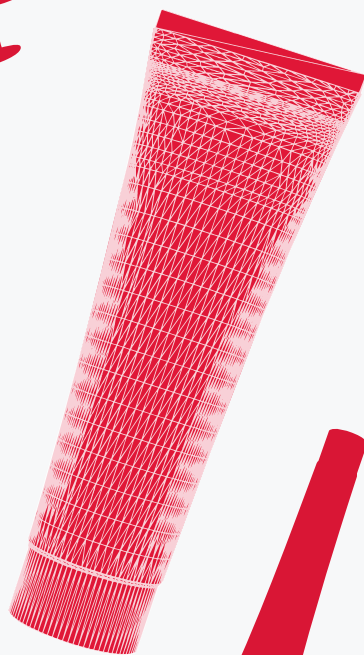
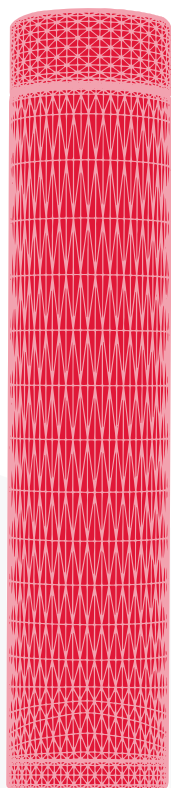


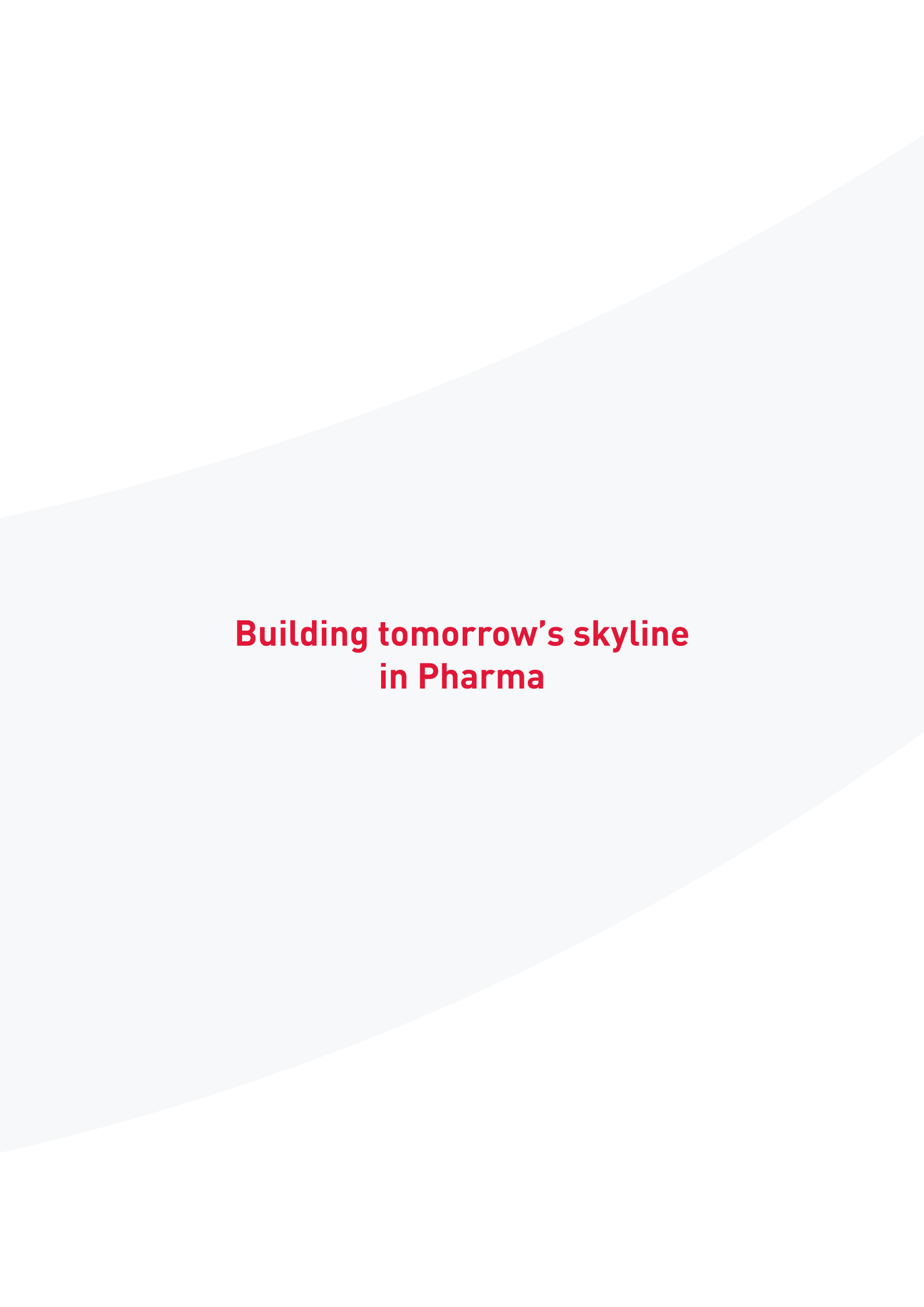
coesia

Pharma Solutions & Healthcare



**Building tomorrow's skyline
in Pharma**





**Building tomorrow's skyline
in Pharma**



Shaping what's next: Sterile Manufacturing and Pharma Packaging advanced

Today's Pharmaceutical and Healthcare players are seeking solutions that combine flexibility, sterility, and high performance across every format - from vials, cartridges, ampoules, syringes, and cartridges to blister packs, tubes, pouches, and medical devices. Meeting these expectations requires adaptable, compliant production systems that support multiple dosage forms and offer scalable levels of automation.

At the same time, the shift toward sterile, eco-designed, and regulatory-ready materials is redefining how medicines are manufactured and presented.

In this context, manufacturers increasingly look for compact, integrated lines that ensure sterile integrity, reduce footprint, boost throughput, and lower total cost per dose, all while maintaining full compliance and safeguarding patient safety.

Your Partner of Choice for High-Performance Sterile Manufacturing & Pharma Packaging

Coesia is a global leader in advanced Pharma manufacturing and packaging solutions, delivering fully integrated, end-to-end technologies powered by the combined expertise of its companies.

Through a unified ecosystem spanning sterile filling and production, inspection, cartoning, late-stage customization, and digital technologies, Coesia supports pharmaceutical manufacturers of every size, from specialized niche producers to global leaders, managing any level of technical and regulatory complexity while maximizing performance, compliance, and productivity.



Scalability that grows with you

Our platforms evolve with your needs. From clinical batches to large-scale commercial production, we offer scalable, modular technologies that balance efficiency, sterility, flexibility, and total cost control, supporting biologics, personalized medicine, oral-solid dose, and sterile formats.



End-to-end line solutions, engineered for compliance

We design fully integrated, pharma-ready lines, from sterile infeed to palletizing, with every step optimized to ensure regulatory compliance, reduce footprint, simplify operations, and elevate overall line performance. Whether filling, assembling, inspecting, packaging, or serializing, our systems deliver seamless interoperability and full lifecycle traceability.



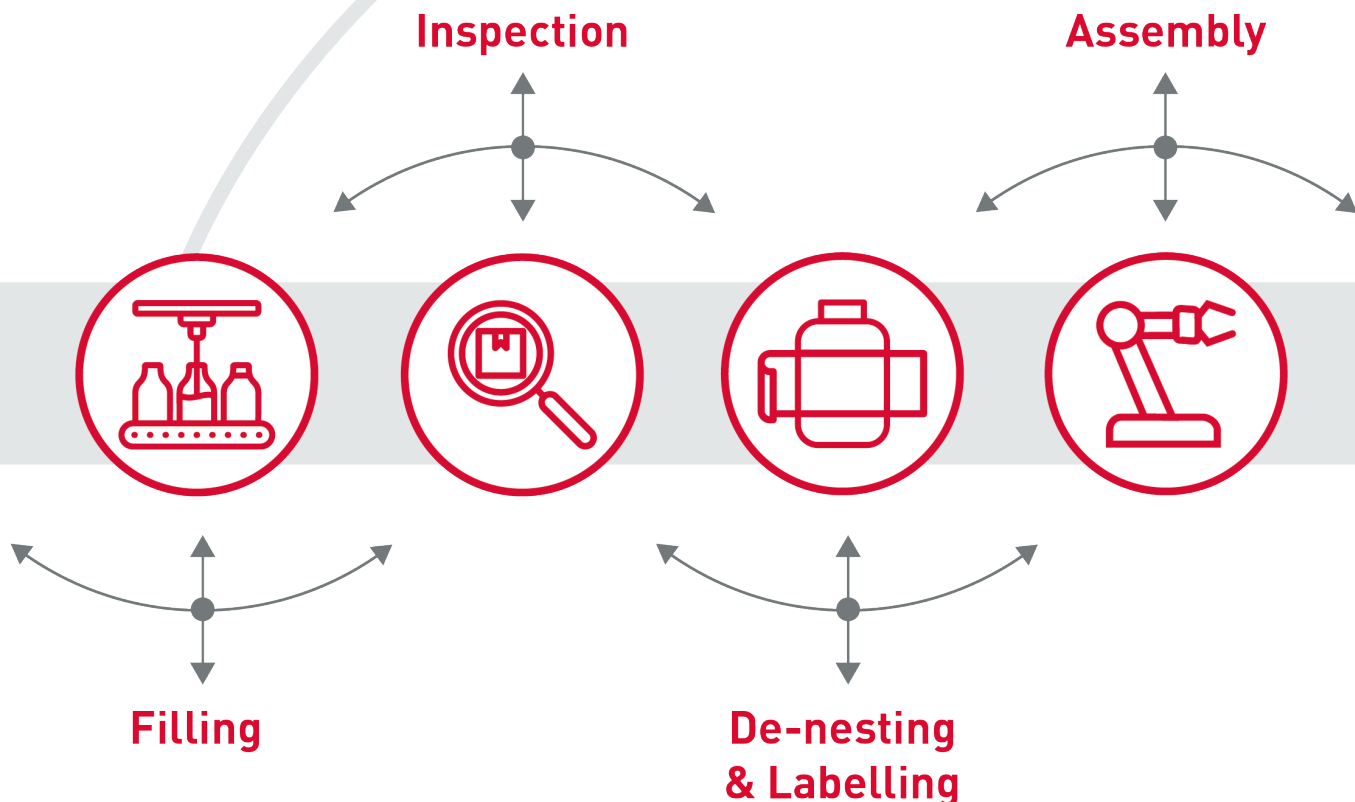
Sustainability, designed for a regulated world

We accelerate your transition toward more sustainable, compliant materials and processes. By validating and scaling eco-designed substrates and energy-efficient technologies, we help you achieve sustainability goals without compromising on sterility, product protection, or production outcomes.

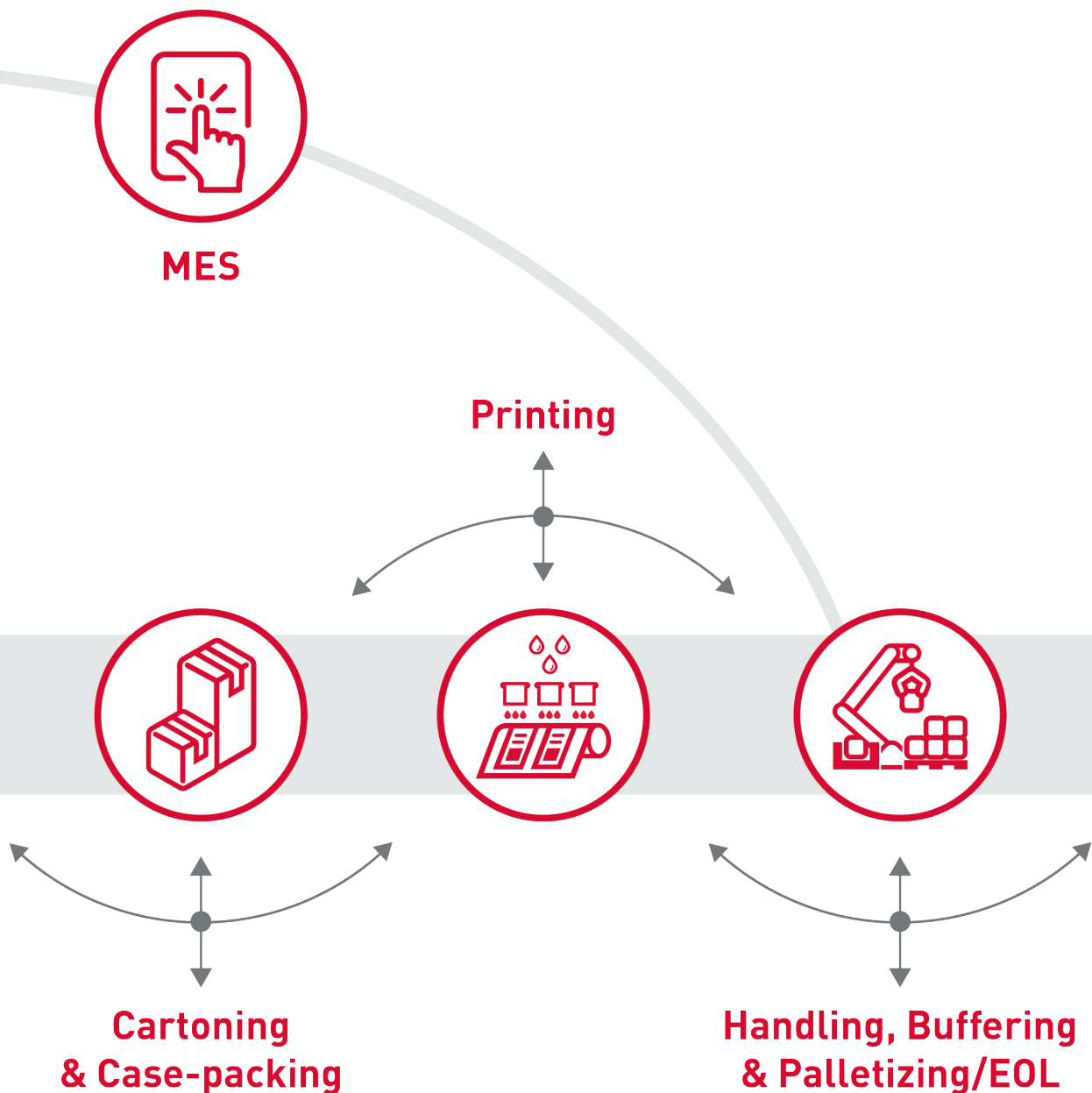
Driving productivity: complete and efficient solutions for Sterile Filling, Visual Inspection, Printing & End-of-Line pharma operations

Coesia delivers fully integrated solutions spanning sterile filling, visual inspection, printing, secondary packaging, and end-of-line systems, enabling pharmaceutical manufacturers to manage the complete production cycle with confidence.

Leveraging deep expertise across sterile processes and regulated environments, we provide efficient, compliant, and sustainable technologies that optimize workflows, enhance productivity, and ensure flexibility across diverse formats and dosage forms.



Through this commitment to innovation and reliability, pharmaceutical producers are helped to accelerate their roadmap, strengthen competitiveness, and deliver value across the entire product lifecycle.



Filling

Our filling technologies cover tubes, bottles, vials, cartridges, syringes, sachets, and stick packs, delivering high dosing precision, strong contamination control, and reliable performance across all pharmaceutical product types: liquids, gels, creams, powders, and viscous formulations. From sterile vial filling (liquid and lyo) to ISBM bottle forming and filling, from high-accuracy cartridge and syringe systems to flexible HFFS and stick pack platforms, we ensure regulatory compliance, fast changeovers, scalability, and full integration with downstream operations.



Inspection

We provide comprehensive inspection technologies for particles, cosmetic defects, and container-closure integrity across vials, ampoules, syringes, cartridges, bottles and soft bags. With solutions ranging from SVP visual inspection to vacuum leak testing and high-performance systems for LVP and IV-bags, we ensure sterility, regulatory compliance, and reduced false rejects throughout the production process.



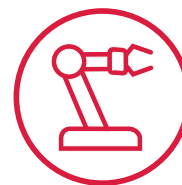
De-nesting + Labelling

We provide de-nesting systems that ensure sterile, accurate preparation of syringes, vials, and cartridges before downstream processing. The labeling unit, instead, offers high-speed, high-precision wrap-around labeling with full serialization compatibility for a wide range of pharmaceutical containers.



Assembly

Our assembly technologies cover medical devices, syringes, and drug-device combinations. With modular, scalable platforms, we ensure precise, validated assembly processes that accelerate commercialization of combination products.



Cartoning & Case-packing

Our cartoning and case-packing solutions complete the packaging line with high reliability and format flexibility. We offer renowned, high speed robotic cartoning and case-packing systems for a wide range of pharma formats, ensuring market leading uptime.

We can complement tube filling with dedicated cartoners engineered for fragile pharmaceutical products. These end-of-line systems ensure perfect synchronization with upstream equipment and full traceability.

MGS

NORDEN



Printing

We offer advanced coding and marking solutions for packaging, leaflets, and medical-grade substrates, ensuring compliant and flexible printing operations. As a leader in late-stage customization, we support just-in-time printing on foils, cartons, and components, reducing SKU complexity and improving manufacturing agility.

Our systems provide 100% inspection, seamless serialization readiness, and full integration with MES and line-control platforms.

HAPA

AMACO



Handling, Buffering & Palletizing / EOL

Our conveyors, accumulators, robotic handling systems, and palletizing cells ensure controlled, contamination-free product flow while improving OEE and minimizing manual tasks. We also enable AGVs, complex robotic applications, and fully integrated end-of-line solutions.

FLEXLINK®



MES

Our digital solutions integrate MES, EBR, traceability, OEE monitoring, audit trail, and recipe management into unified architecture. They deliver full electronic batch records, material and equipment traceability, Part 11-compliant data integrity, real-time analytics, and centralized recipe control, enabling data-driven, standardized quality across global operations.



Sustainable packaging: a business imperative

Sustainability is no longer a second thought:

At Coesia, we are committed to driving sustainable innovation across the packaging industry. Since 2018, our **Centre of Expertise for Sustainability** has been at the heart of this mission — centralizing data, guiding green strategy development, and accelerating impactful initiatives.

We collaborate closely with customers and suppliers to **co-develop next-generation packaging solutions** that meet evolving environmental standards. Our ongoing investments in R&D focus on:



Designing eco-friendly packaging that reduces environmental impact



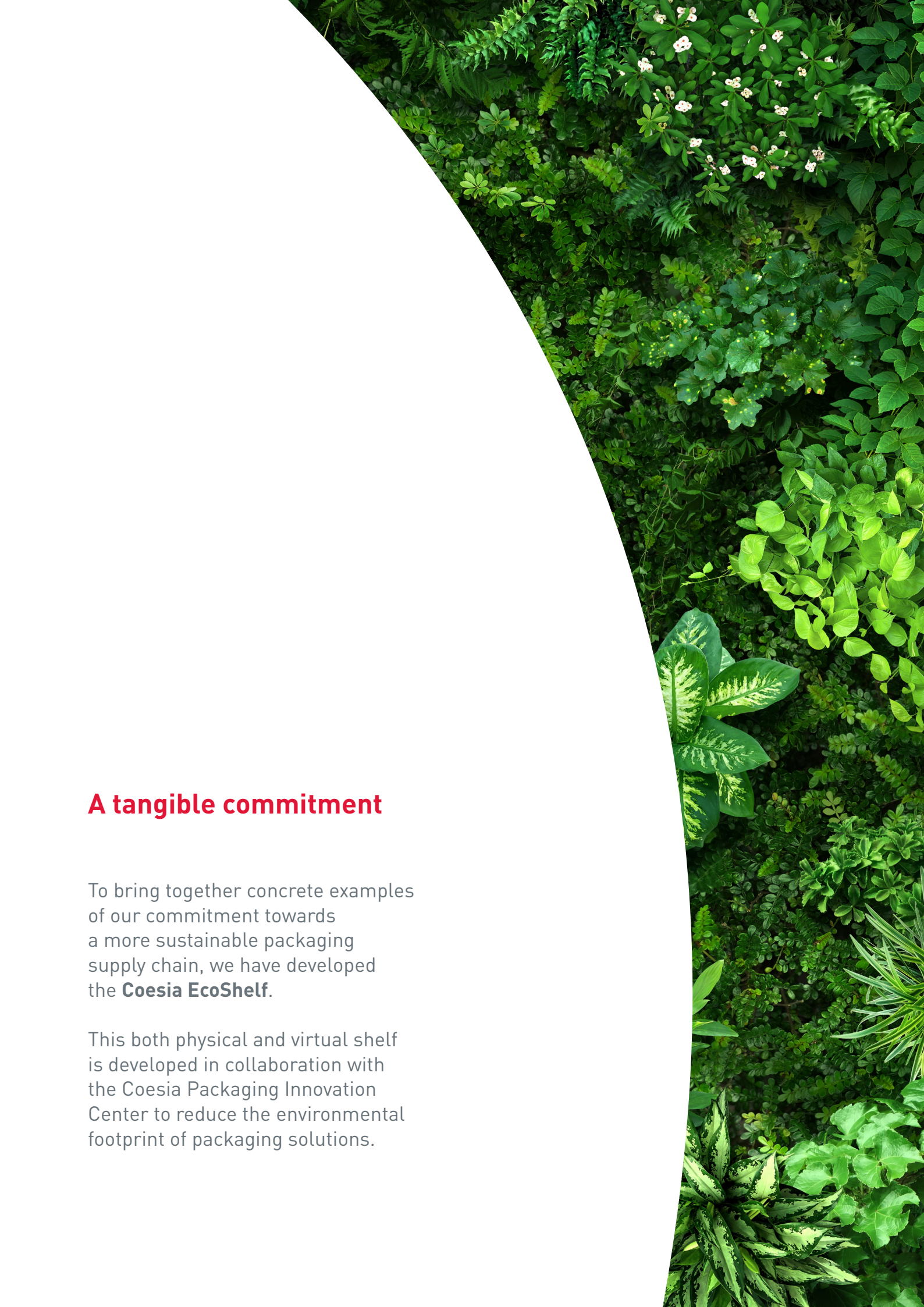
Retrofitting existing equipment to support sustainable materials



Ensuring **compliance with global regulations** and future-proofing operations

Together, we're shaping a more sustainable future — one package at a time.



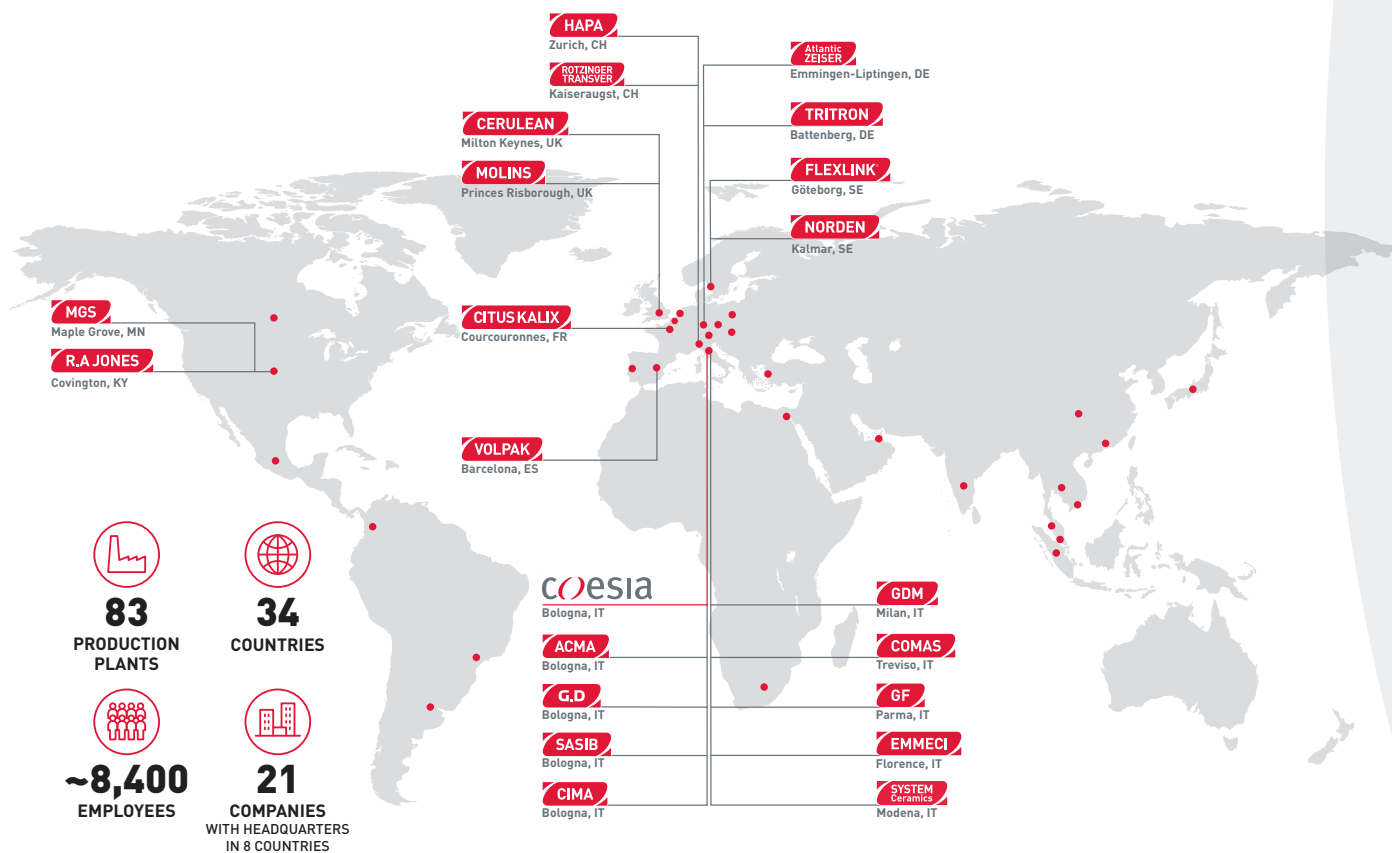


A tangible commitment

To bring together concrete examples of our commitment towards a more sustainable packaging supply chain, we have developed the **Coesia EcoShelf**.

This both physical and virtual shelf is developed in collaboration with the Coesia Packaging Innovation Center to reduce the environmental footprint of packaging solutions.

Coesia Group in the world



COESIA is a group of innovation-based industrial and packaging solutions companies operating globally, headquartered in Bologna, Italy.

Coesia's companies are leaders in the sectors of:

- **Advanced automated machinery**
- **Industrial process solutions**
- **High-performance transmissions**

Coesia's customers are leading players in a broad range of industries, including Aerospace, Ceramic Tiles, Consumer Goods, Electronics, Energy Storage Systems, Healthcare & Pharma, Luxury Goods, Racing & Automotive, Tobacco.

coesia

COESIA S.p.A
Via Battindarno 91
40133 Bologna
+39 051 647 4111

www.coesia.com