

TATA STEEL

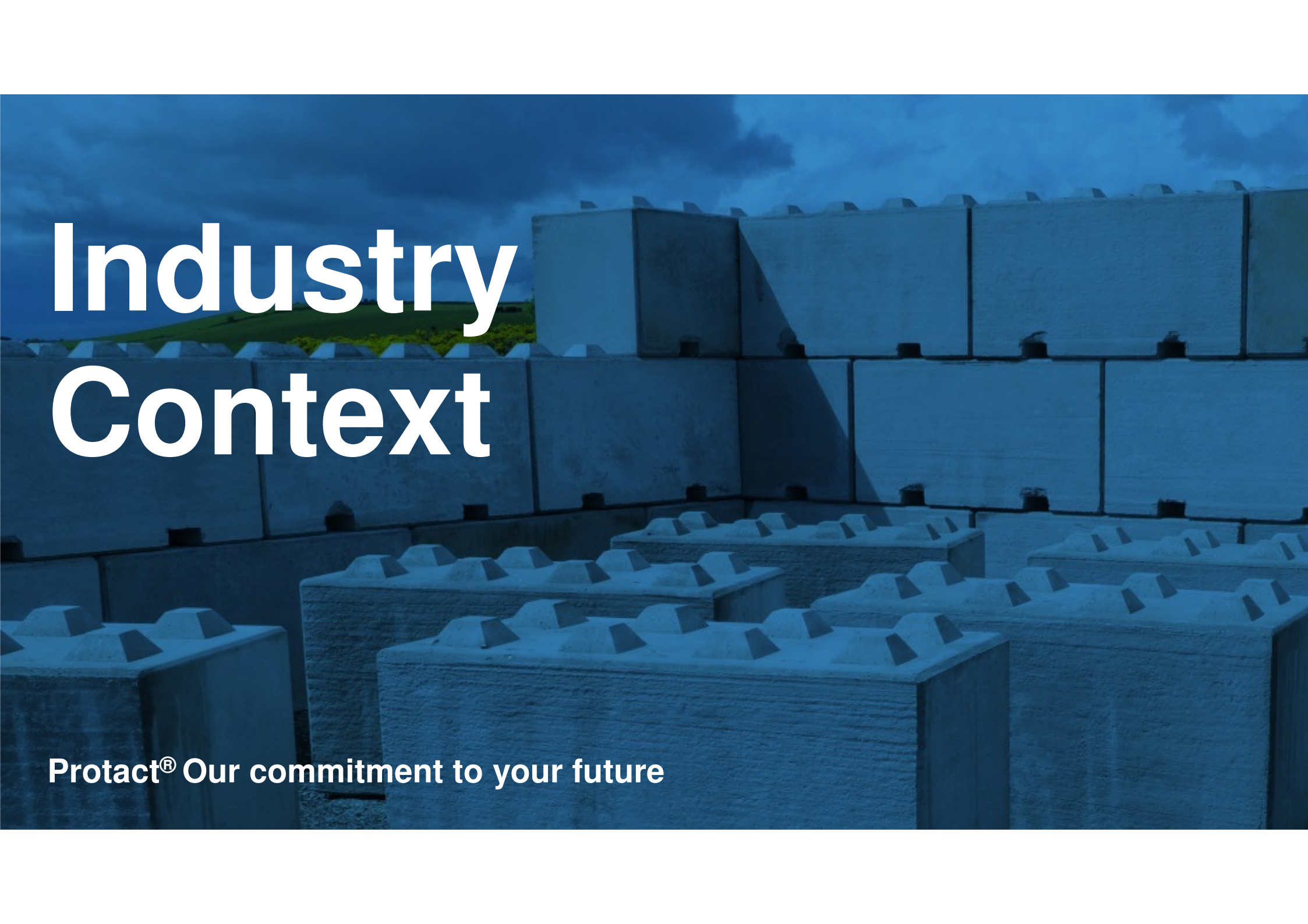


Protact[®]

Our commitment to your future

Simone Vooijs Technical Director Downstream Operations, Tata Steel

Euro CanTech, 4-6 April 2016



Industry Context

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Can performance

Sustainability

Efficiency



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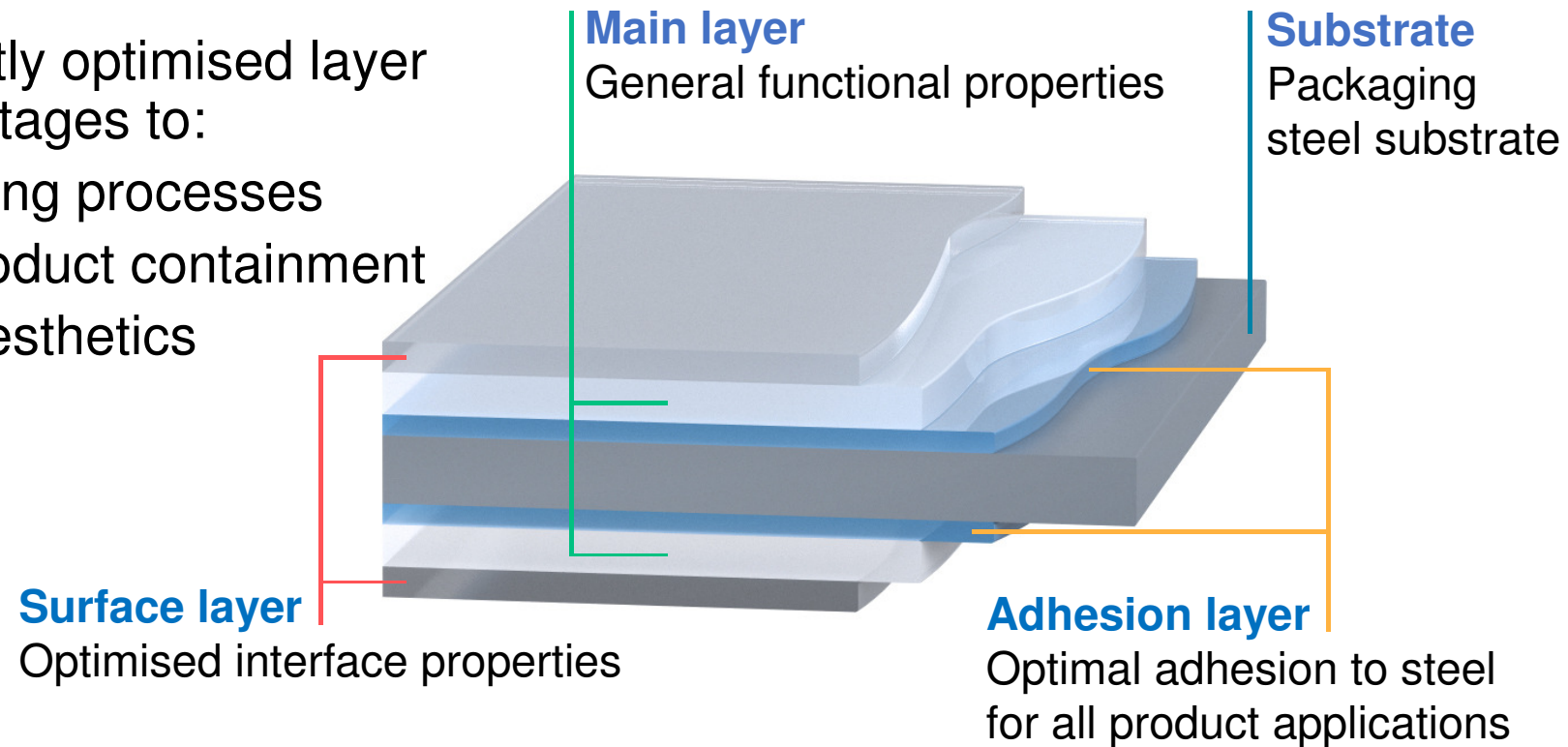
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Protact: Optimised, efficient, sustainable

A three layer polymer coating system, either side of the substrate

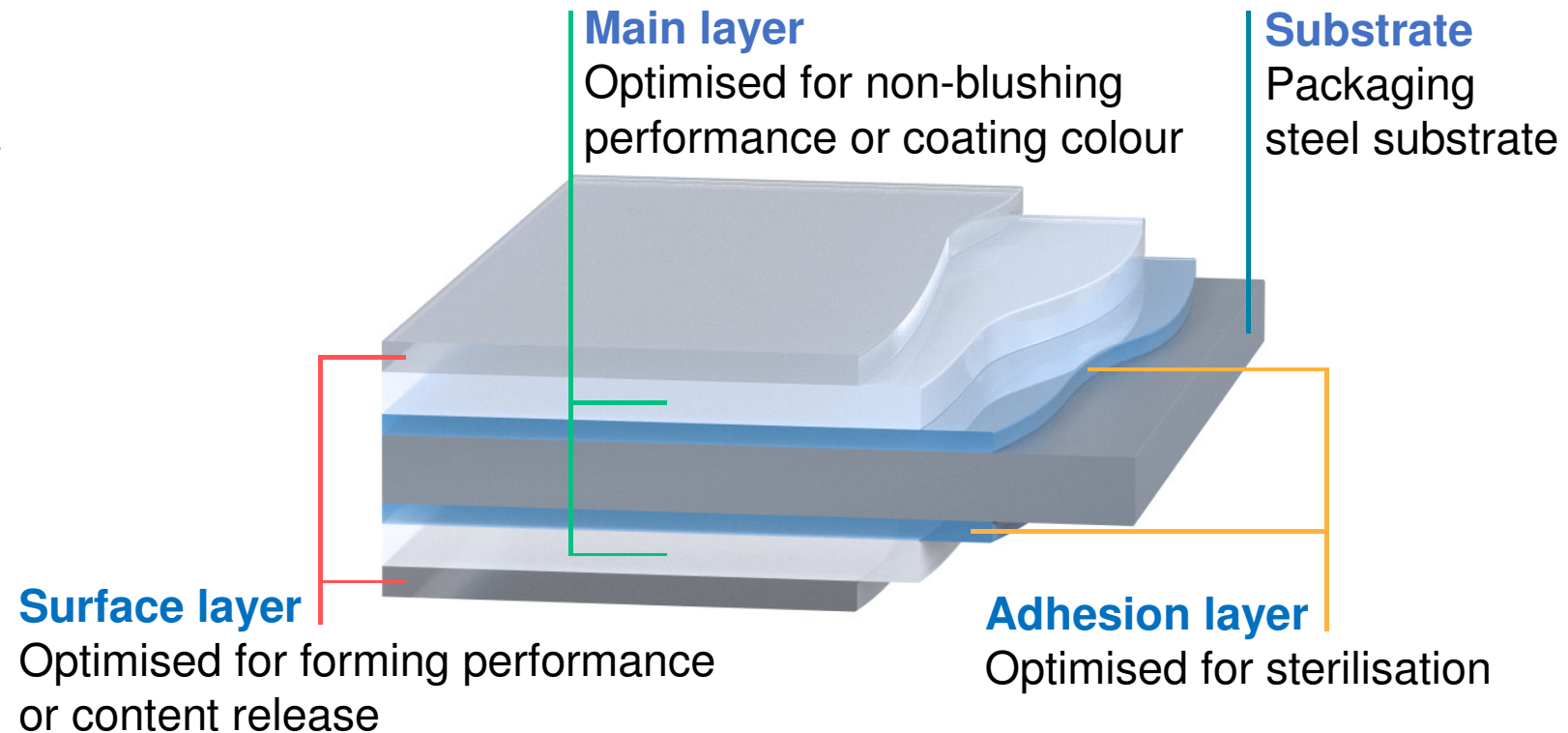
Each independently optimised layer has unique advantages to:

- Optimise canmaking processes
- Offer excellent product containment
- Enhance brand aesthetics



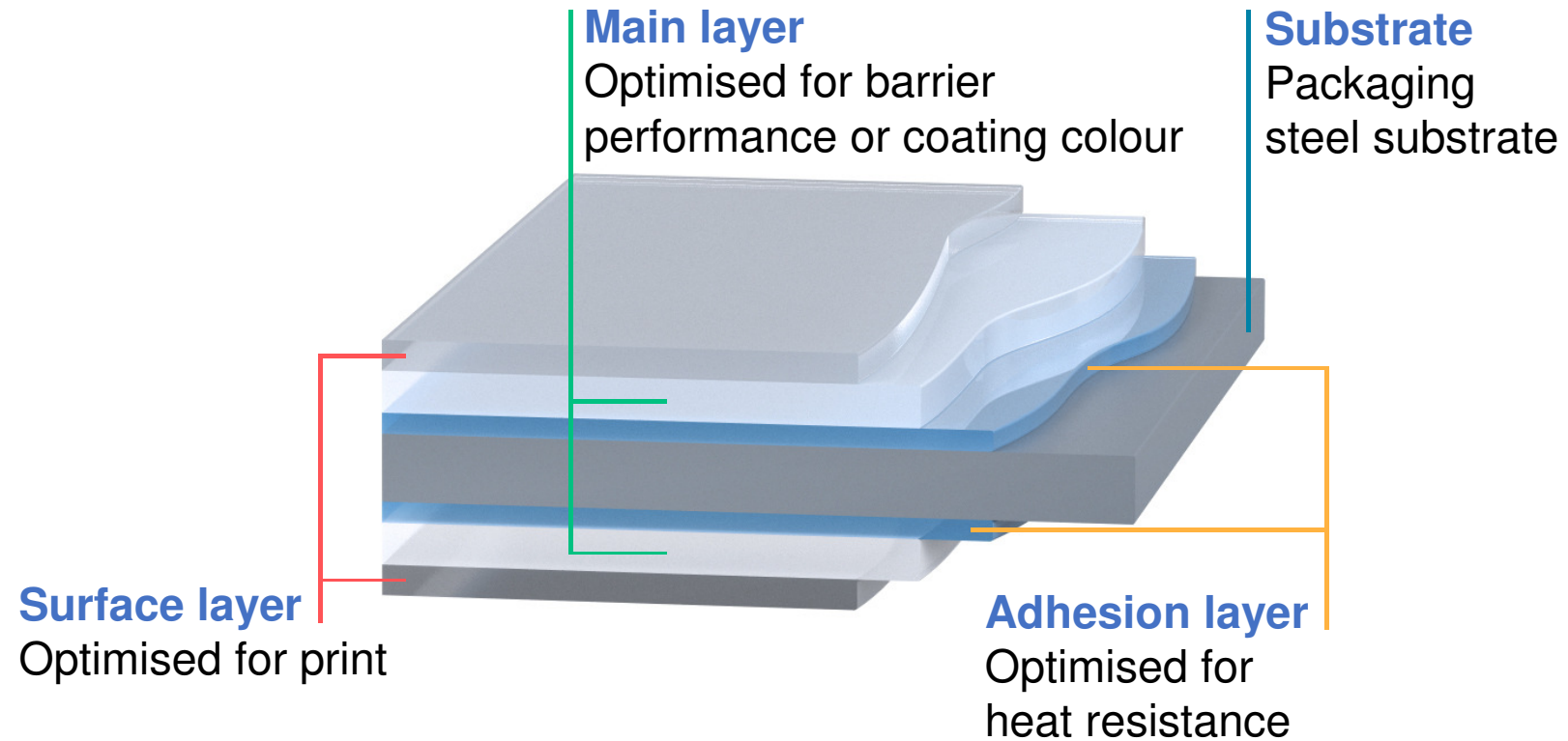
Protact: Optimised, efficient, sustainable

D&I 2-piece Food



Protact: Optimised, efficient, sustainable

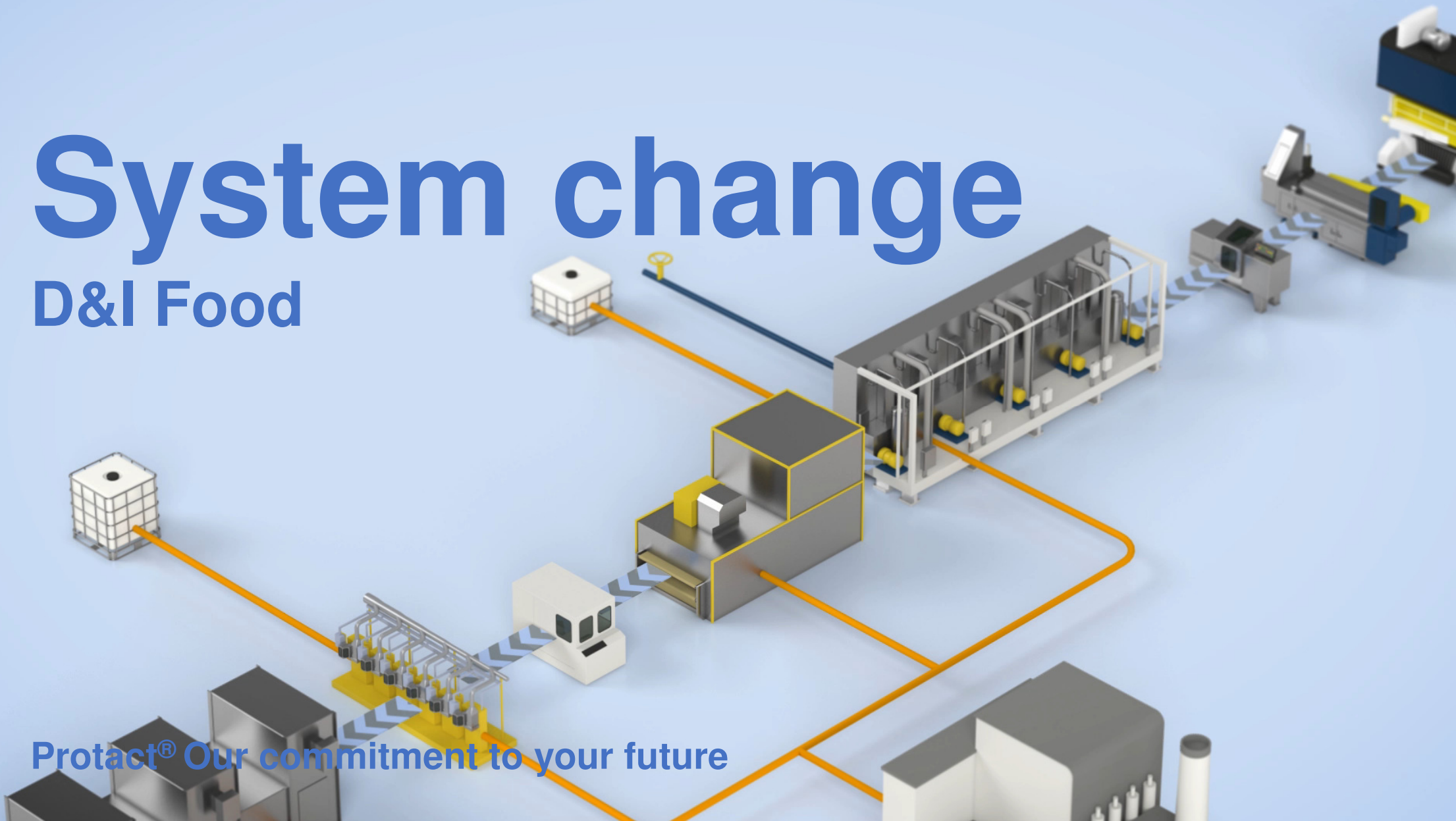
Aerosol



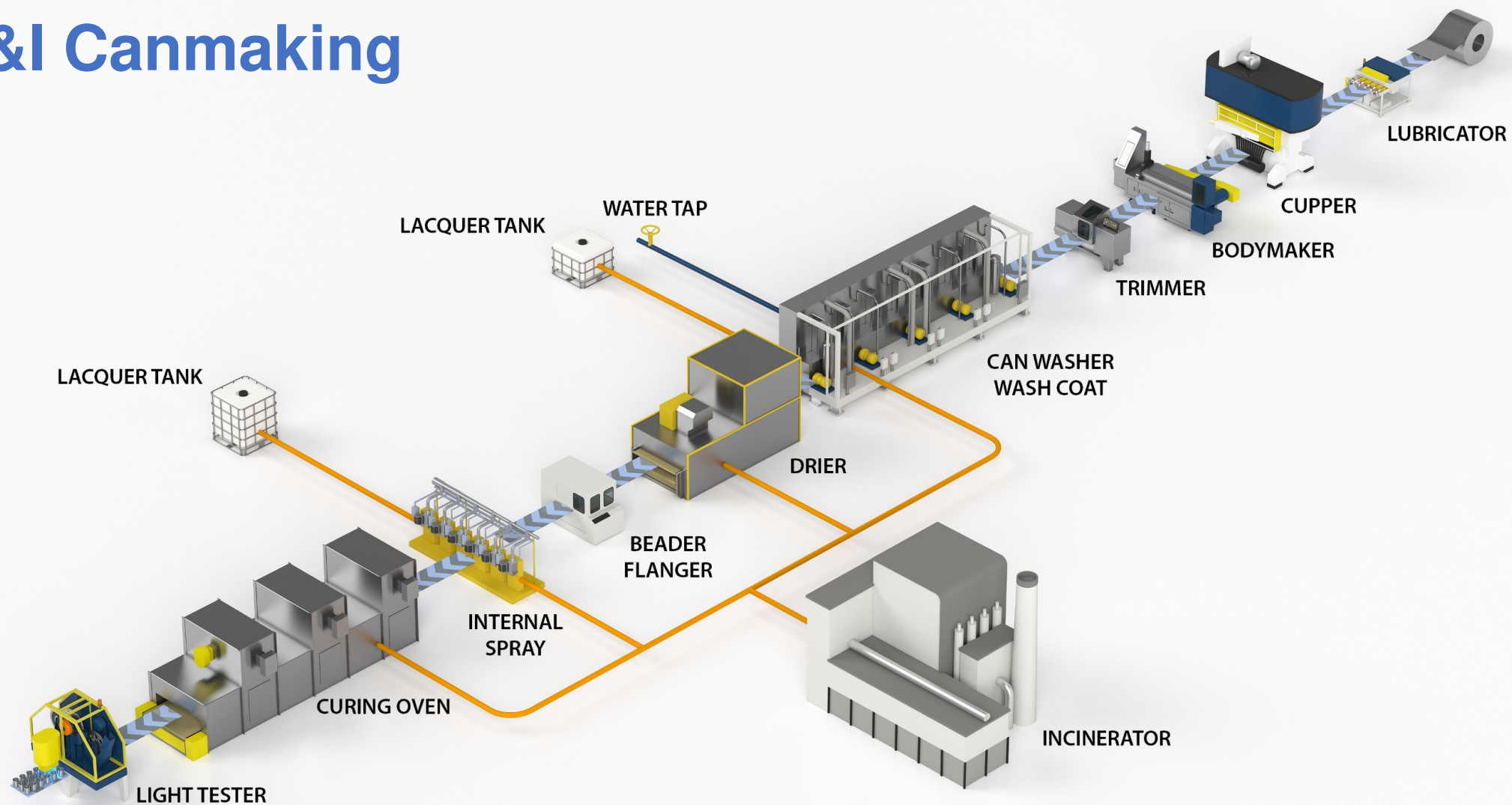
System change

D&I Food

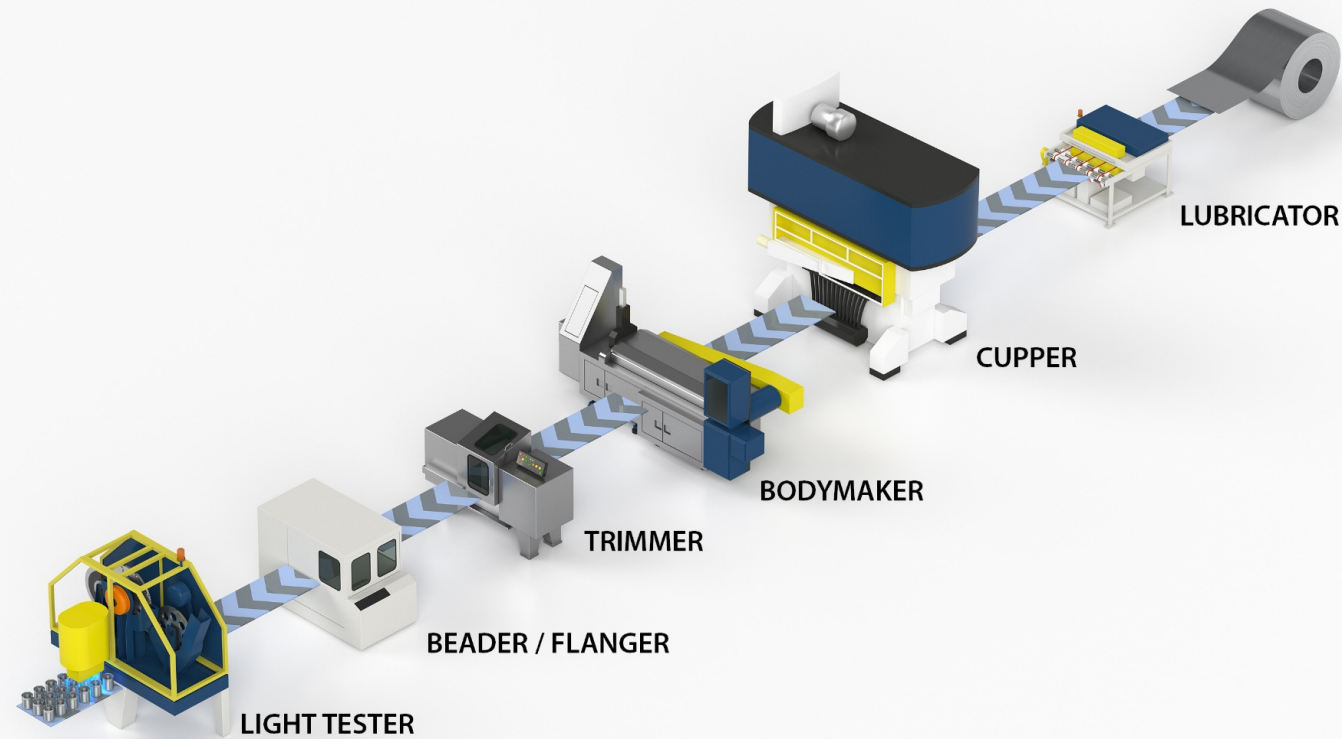
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D&I Canmaking



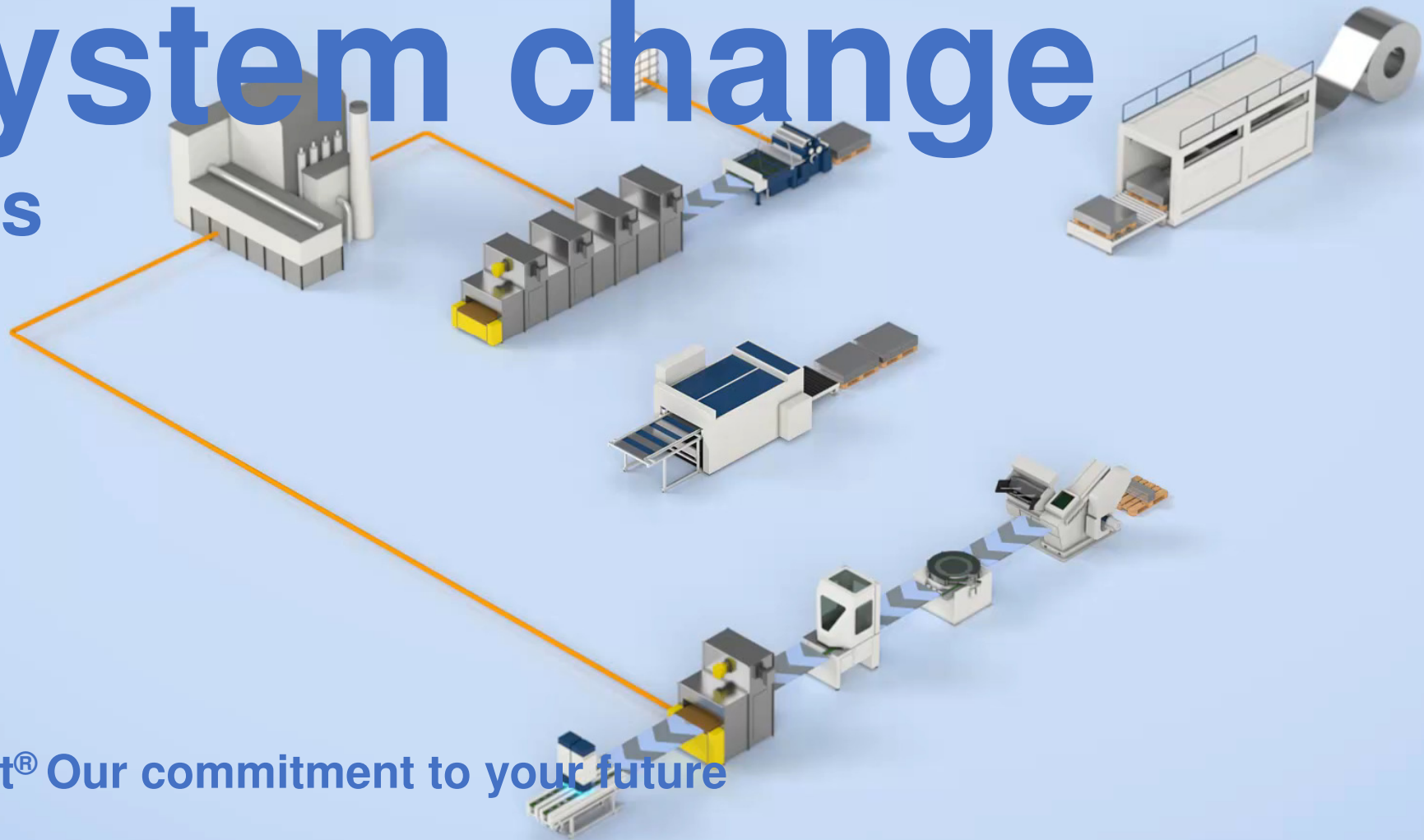
D&I Canmaking system change



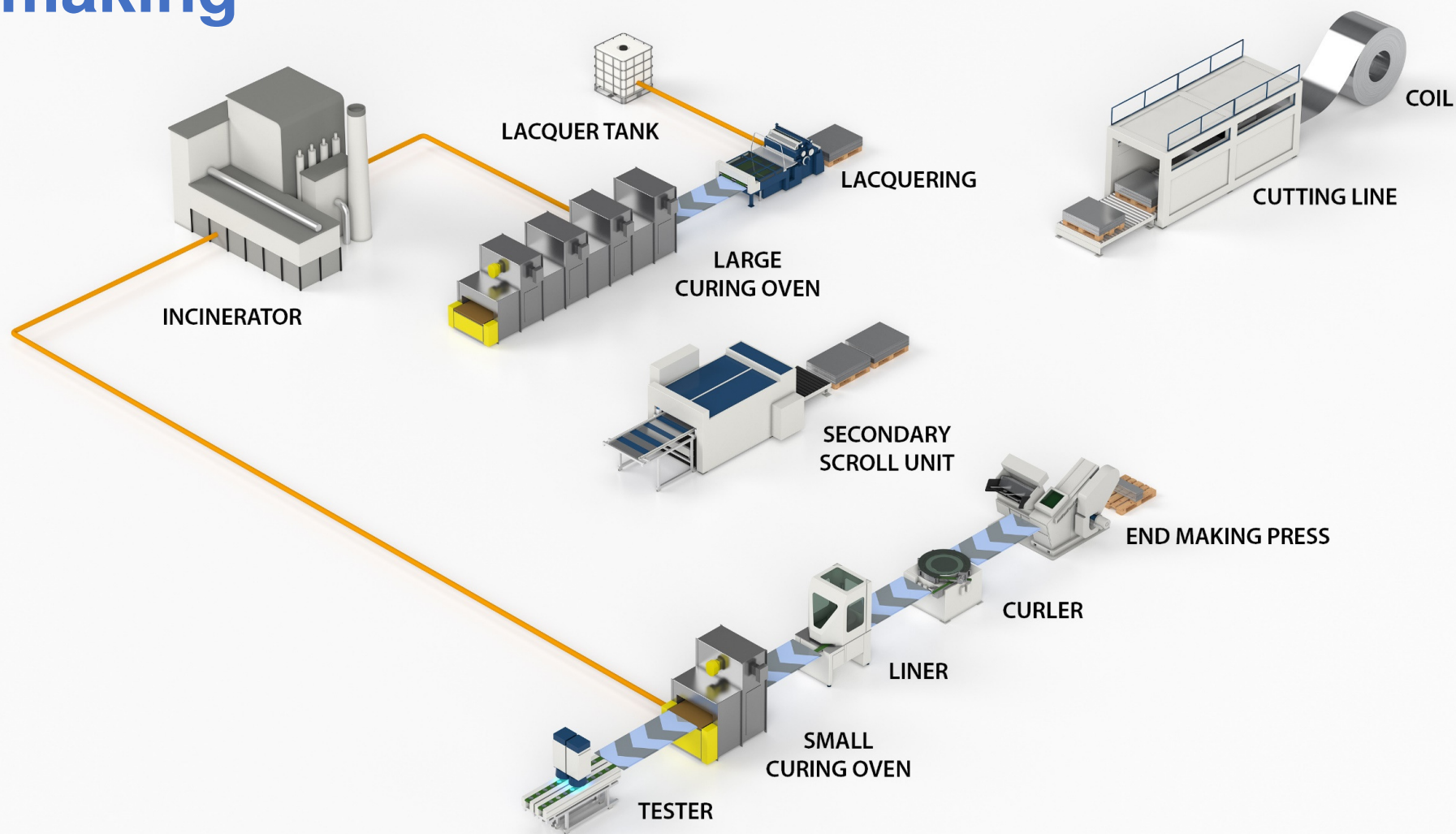
System change

Ends

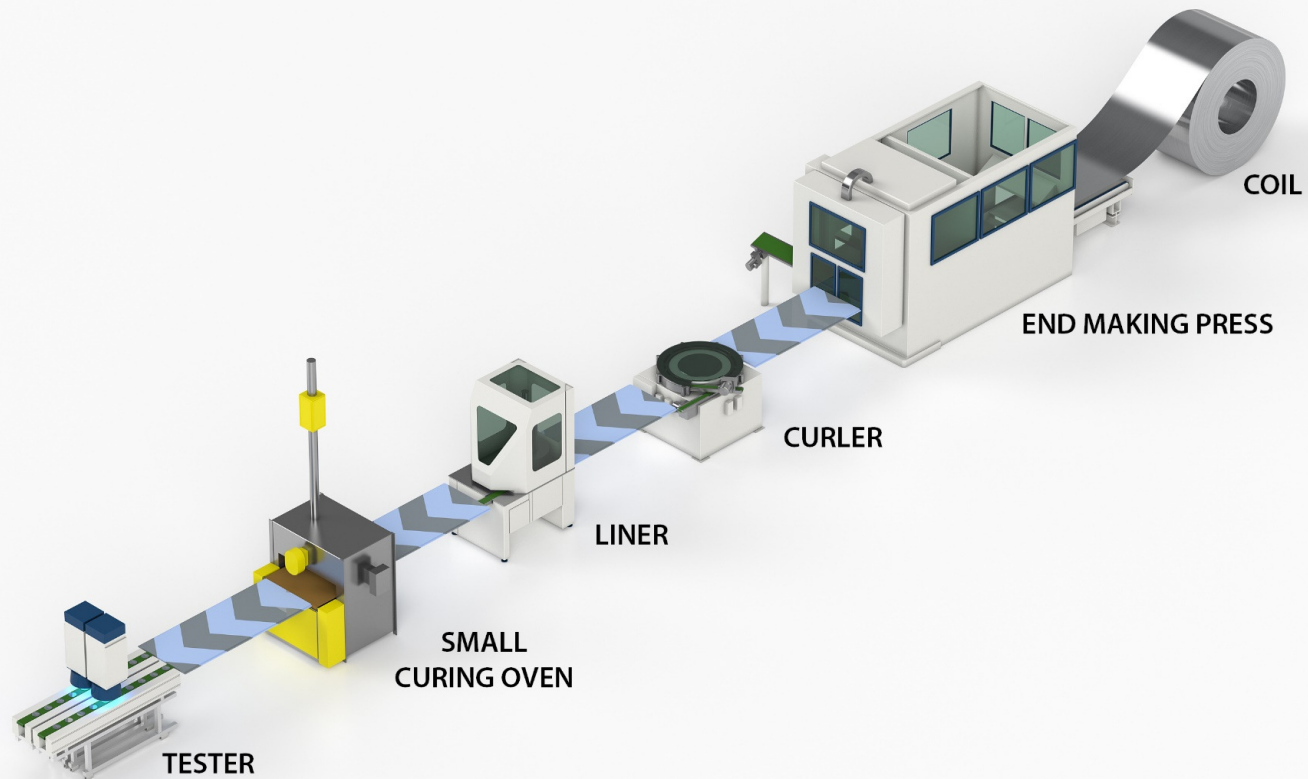
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End making



End making system change

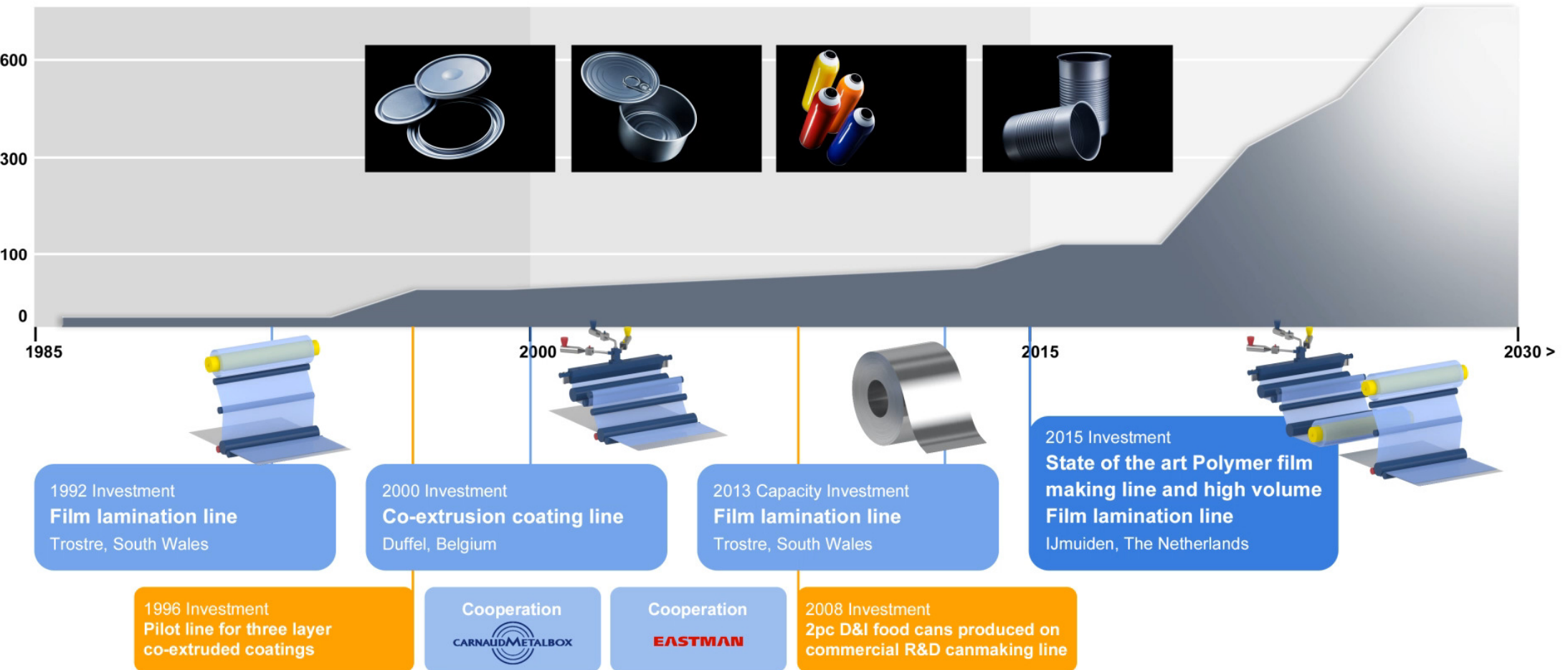




Committed & experienced

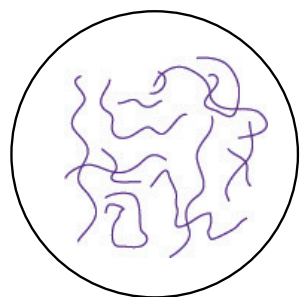
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Technology leader investing to meet demand

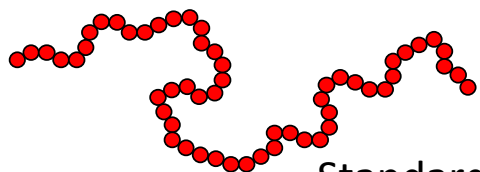


Protact: Optimised film performance

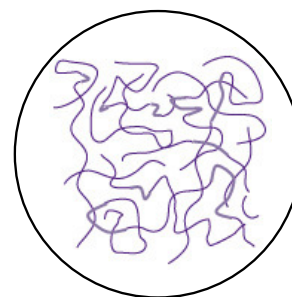
Coating compositions and chemistries fit for purpose



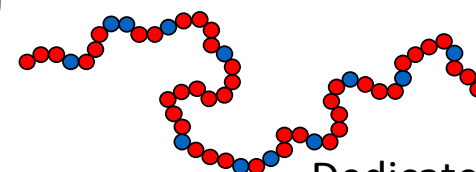
Short-chains limit coating formability



Standard chemistry



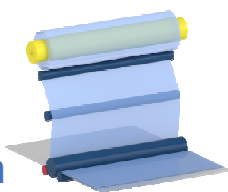
Long-chains more formable coatings



Dedicated chemistry

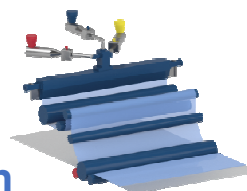
Conventional lamination

Short-chain polyester grades
Limited formability
Standard chemistry



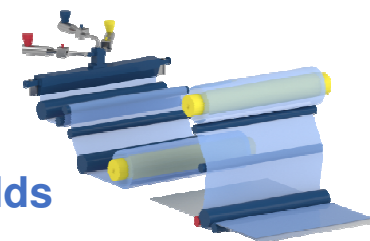
Direct extrusion

Long-chain polyester grades
Improved formability
Dedicated chemistry



Best of both worlds

Flexibility: Short & Long-chain
Tailored formability
Dedicated chemistry

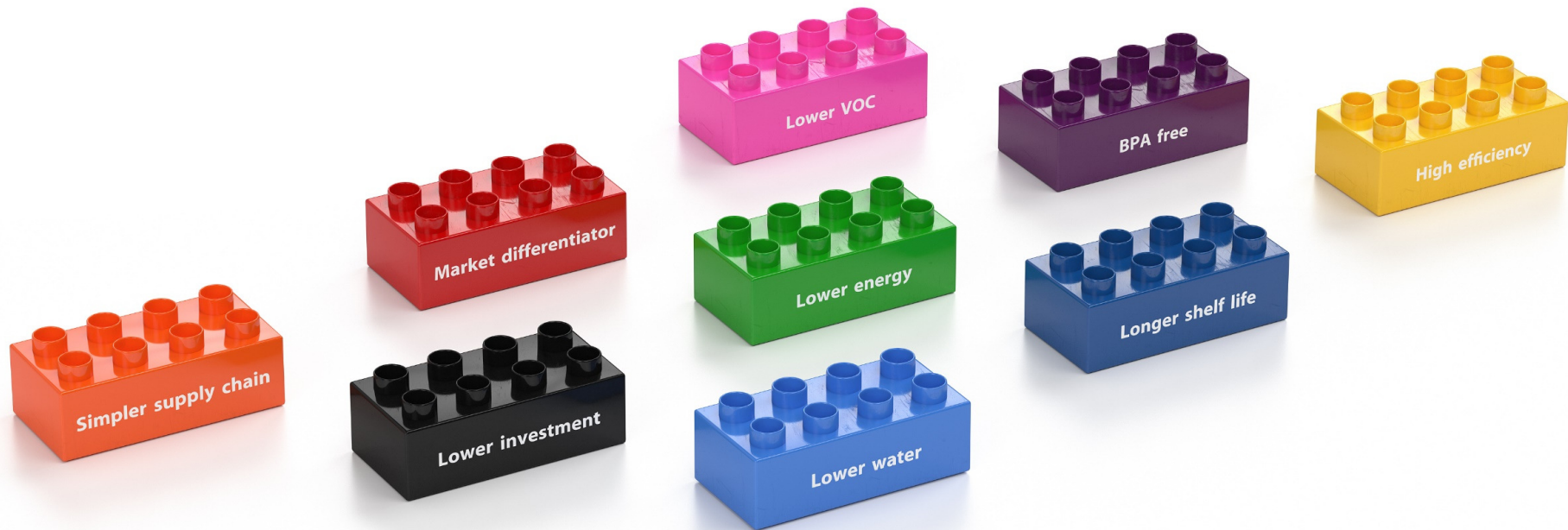


Today's opportunity

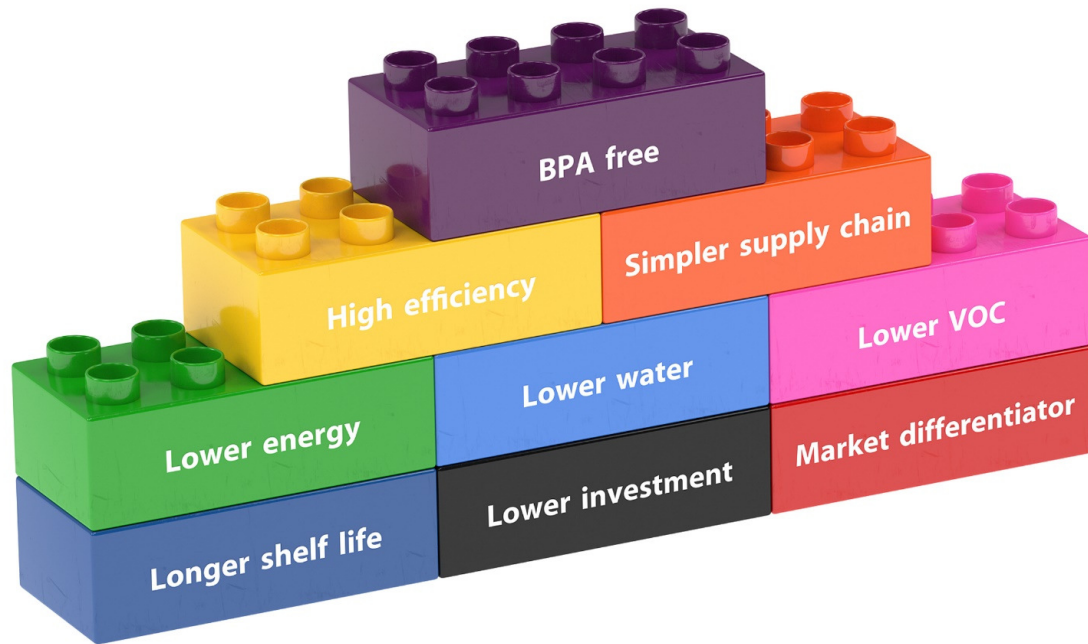


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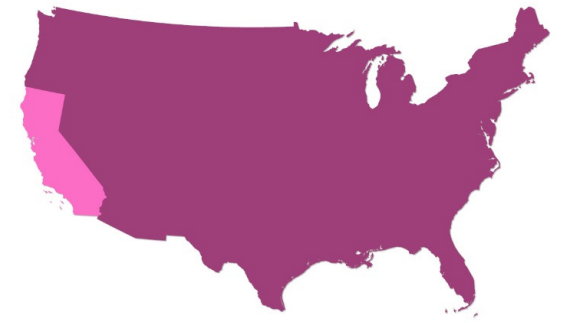
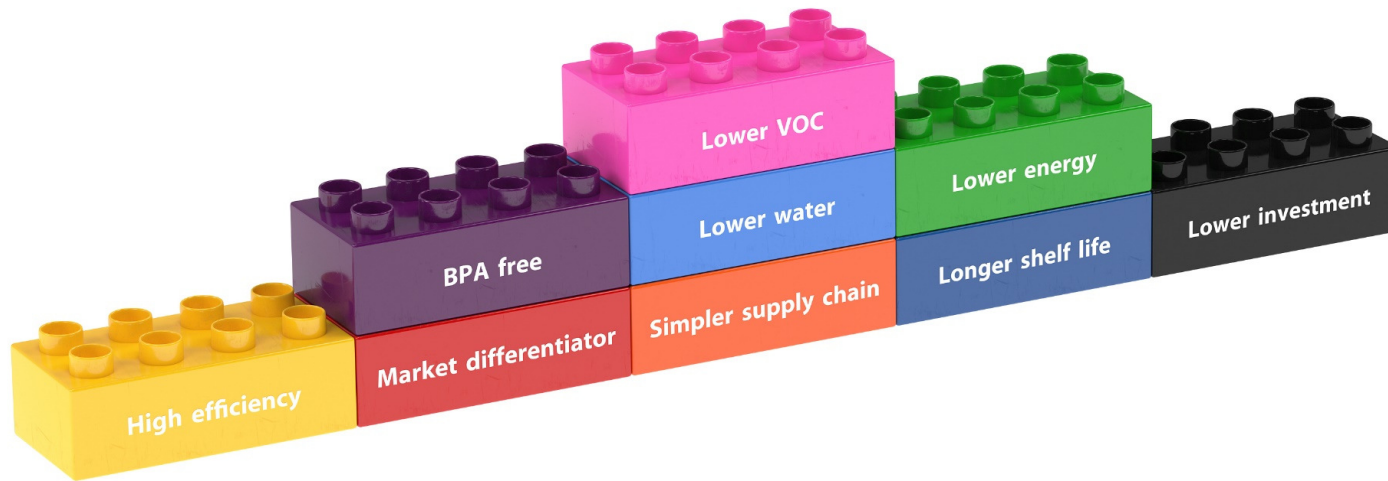
Advantages



France BPA free



California Lower VOC



A blue flag with the words "TATA STEEL" in white capital letters, waving against a light blue sky. A silver flagpole is visible on the left side.

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Together we make the difference