



CV CHRIS MILLER, PhD

→ Sr. Global Market Director Coating Solutions

- Coating Resins, Rheology and Specialty Additives, UV Specialties Businesses; ~ 1.5B Euros revenue

→ 20 years of prior experience as Global R&D Director for Arkema and Dow Chemical Company

→ Education

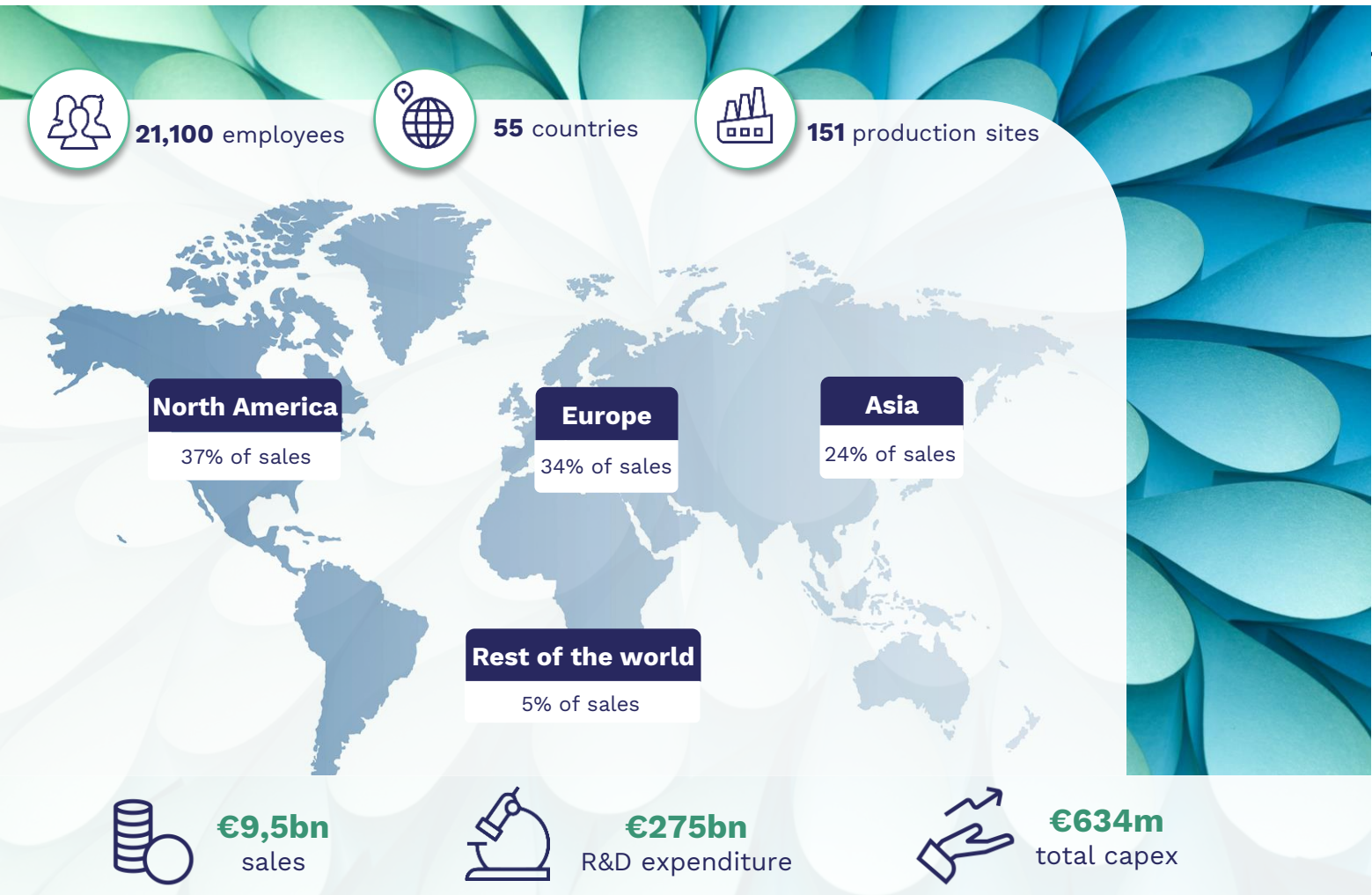
- Post doc: University of Sydney 1994-1995
- PhD, Chemical Engineering Lehigh University 1994
- BS Chemical Engineering Drexel University 1989



Arkema Group at a Glance

2023 results

Our global footprint



Serving Attractive Markets



31%
Building & construction



27%
General industry



19%
Consumer goods & electronics



12%
Water, health & nutrition



11%
Transportation & energy

Challenges for acceptance of Mass balance solutions

Education & Acceptance by regulations

Corporate reporting (GHG protocol)

- MB acceptance in discussion for the 2025 revision

Packaging market

- **Packaging Waste regulation in Europe.** By 2030, plastic packaging must include 30% of recycled content
- Acceptance of MB in discussion at the European commission

Construction market

- MB not accepted by EPD
- ECOPlaform request to have ISO standards & guidelines from the European commission on MB

Access to feedstocks & Price sensitivity

Feedstock remains limited

- Competition with fuel to access bio & bio-circular feedstocks
- Competition with plastics to access recycled feedstocks

Price sensitivity

- Willingness to absorb a premium tightly linked to downstream market drivers
- Need to identify markets where decarbonization is a must have

Our 2030 targets are validated by SBTi and we are paving the way to Net-Zero by 2050

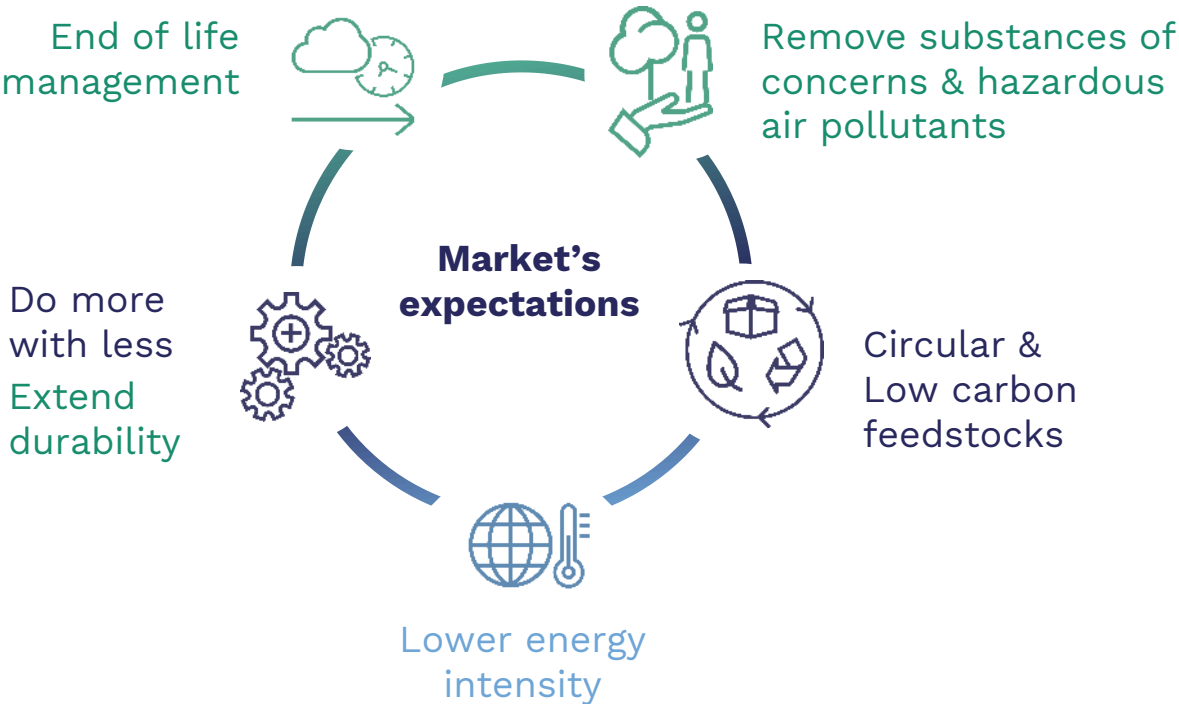


Our responses to society and customers' expectations

Society's expectations



Arkema's sustainability drivers



Design with circular & lower carbon feedstocks

Why

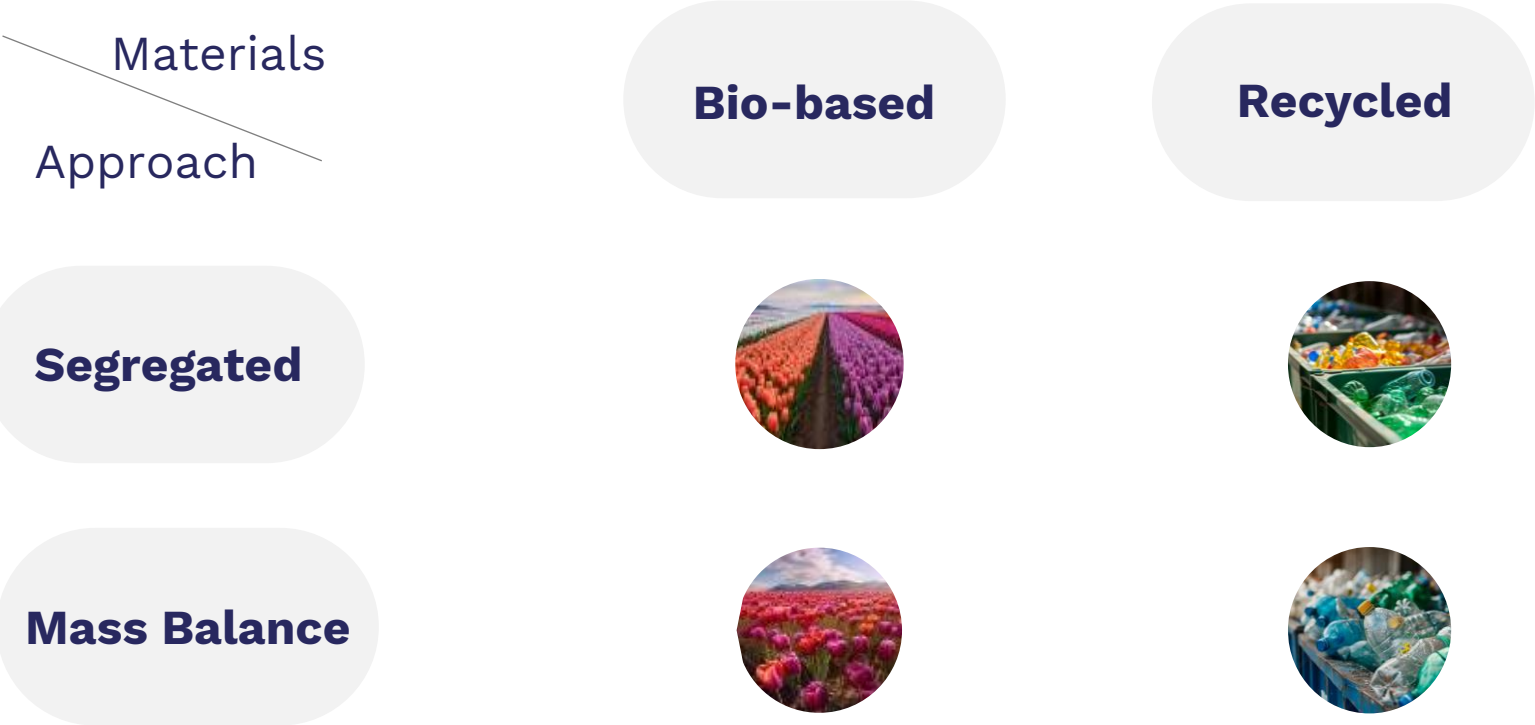


To **use**
renewable resources



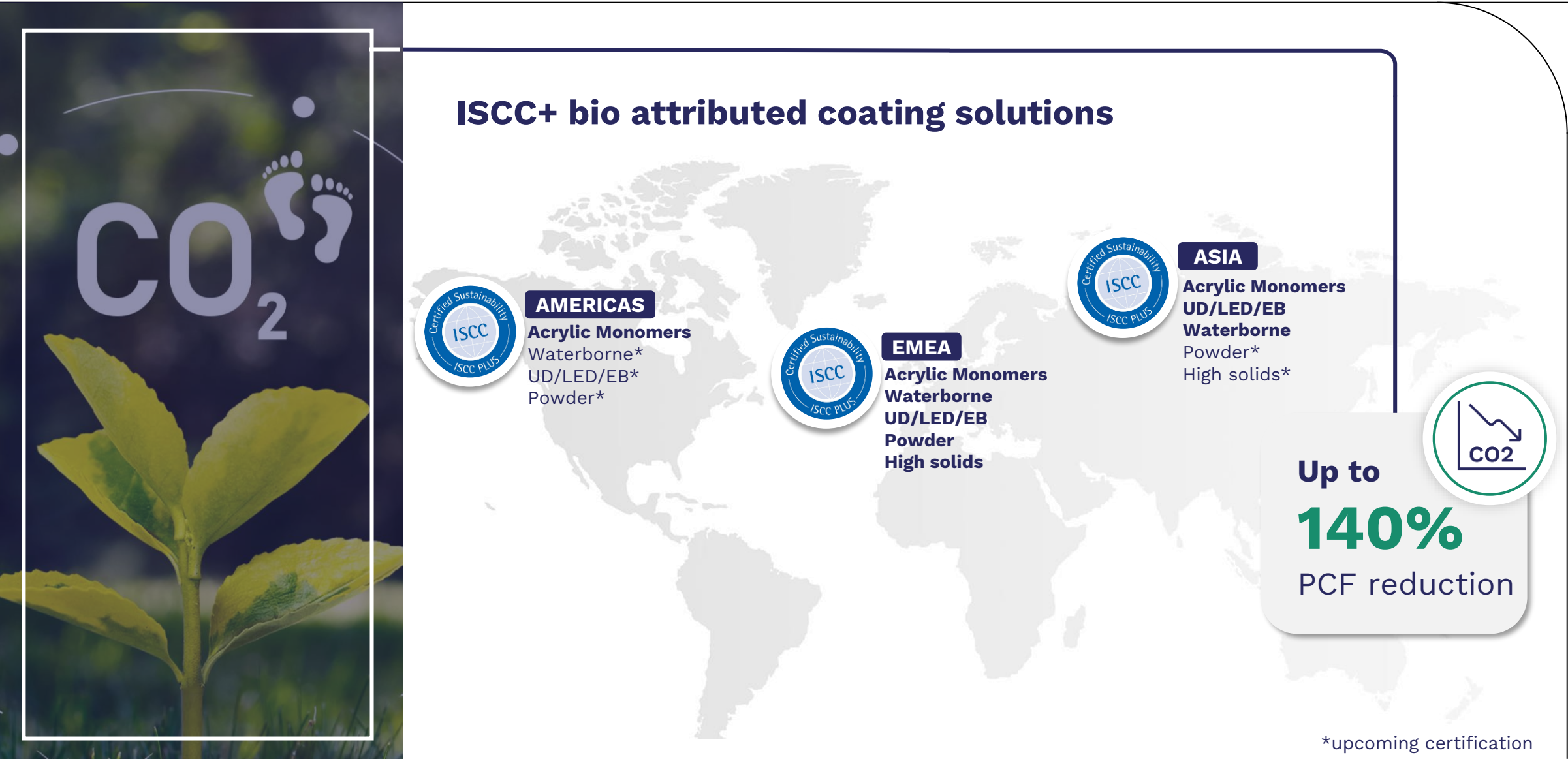
To **reduce** product
carbon footprint

How



A complete bio-attributed offer across regions

All technologies, all regions



Value chain partnerships to accelerate the adoption of mass balance

Co-conference with AkzoNobel during Paint India

Key enablers to accelerate the shift toward circular solutions **Arkema x AkzoNobel**

During Paint India, an insightful conference took place featuring Chris Miller, Senior Director of Global Market Management for Coating Solutions, alongside our special guest Roger Jakeman, Chief Technology Officer (CTO) at Akzo Nobel



Co-conference with Perstop during ECS 2023

New challenges require new ways of working

Jenny Klevås
Global Marketing – Strategic Markets & Innovation

Perstop



Hélène Pernot
Sustainable offer – Coating Solutions

ARKEMA



Partnering across the value chain is a key enabler to drive the transformation



Perstop Group
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Perstop has, together with **PPG**, contributed to an article published by **Arkema** regarding Mass balance and the potential it has to transform the chemical industry. ...more



Mass balance solutions to accelerate the shift towards more circular solutions | Arkema USA
arkema.com

Back-up

Following Arkema's vision, a global commitment to sustainability

A **SIGNATURE**

3 **COMMITMENTS**

INNOVATIVE **MATERIALS** FOR A SUSTAINABLE WORLD



Deliver **sustainable solutions** driven by innovation



Manage our activities as a **responsible manufacturer**



Cultivate an **open dialogue** and **close relations with our stakeholders**