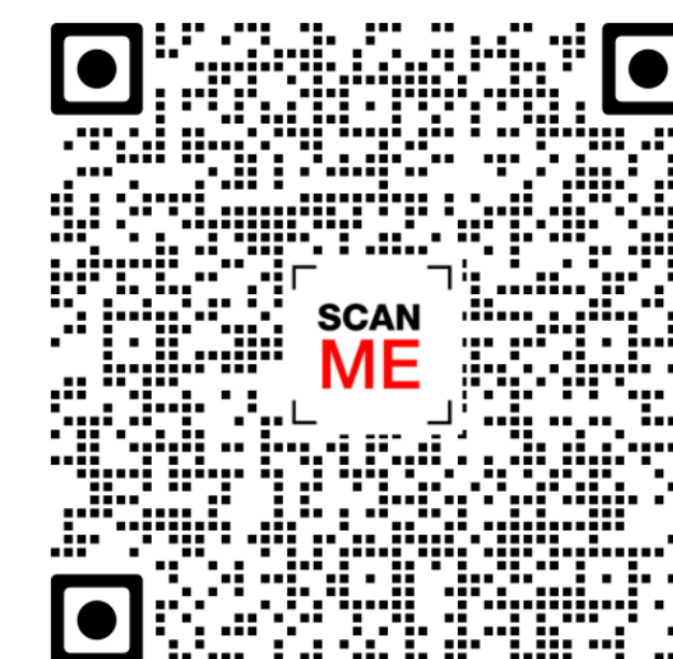


What is SURPASS?

In 2019 as part of our "Raising the Bar" sustainability commitments, Bayer announced that in future, we intend to only sell crop protection products in developing countries that meet both the safety standards of that local market and the principles of safety standards of a majority of reference regulatory authorities including the US, Canada, Brazil, EU, Australia, New Zealand, Japan and China. To act upon this commitment, we launched project **SURPASS: Sustainability and Responsibility improving Policies for Action in Safety Standards**.



"We listened, We learned"
2019 Commitments

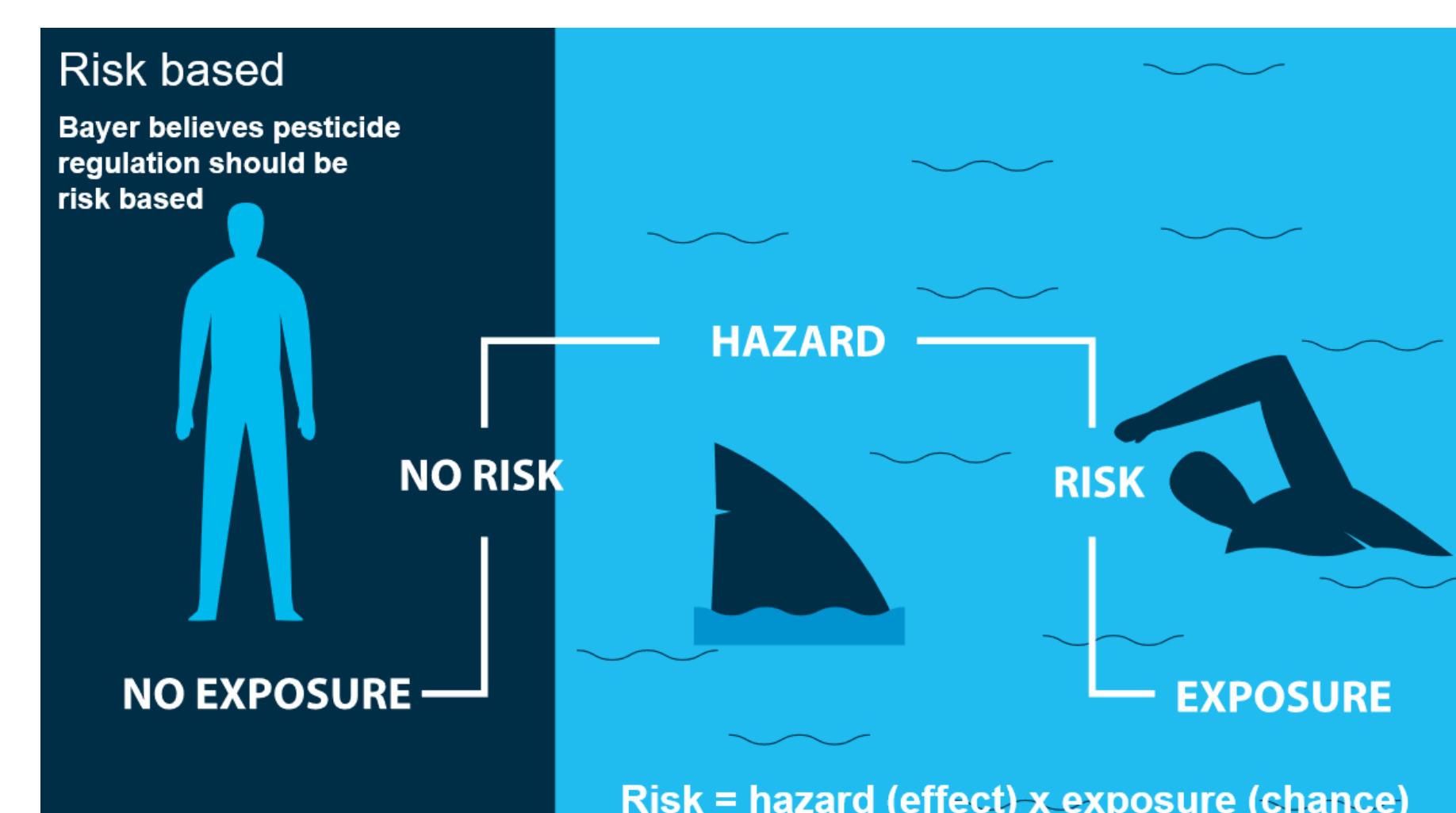
What is the objective of SURPASS?

The objective of SURPASS is to ensure that across the globe there is no unacceptable risk for farmers when applying our products according to the label, no unacceptable risk to consumers (food safety) and no unnecessary harm to the environment. In the effort to define stringent safety standards for the use of crop protection products, at Bayer we apply additional safety standards on top of the regulatory requirements in many countries where we register our products.



How is SURPASS implemented?

All new projects ideas are routinely screened for their safety profile. We follow a risk-based approach that considers both the exposure and the toxicological potential. We use an internally developed automated risk assessment tool called **QuickScan** to evaluate product safety.



We follow a risk-based approach



Bayer person with a project idea

QuickScan

Home | Stored Assessments

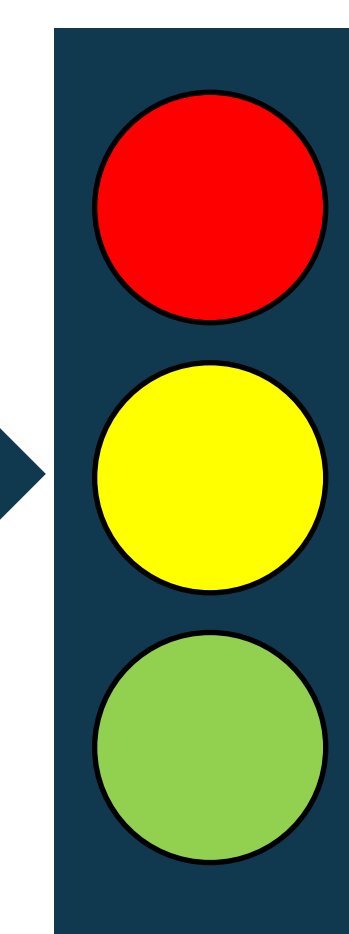
	Country	Product	Crop	Type	Equipment	Max Dose (product)	Unit	Max No. of apps	Min Interval	Crop Height
1	India	WIP 20 (200 g/kg)	Corn, sweet	Spraying	Hand-held: Backpack	1	kg/ha	1		>50 cm
2										

Input



Dr. Christian Kuester (GENYA) | Logout | Help | Bayer Group

Save Export Run QuickScan



Output

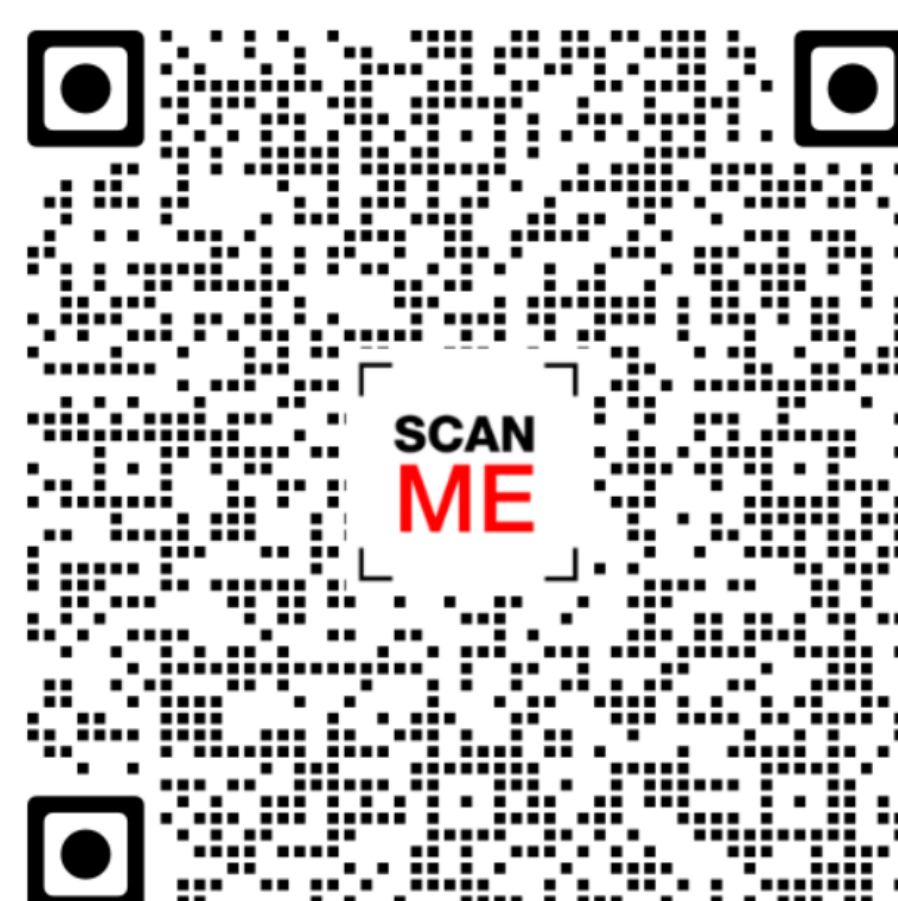
No Safe Use and no refinement possible, **STOP! Rework idea**

Not clear. Further studies or calculations needed.

Safe Use - Continue

SURPASS is transparent

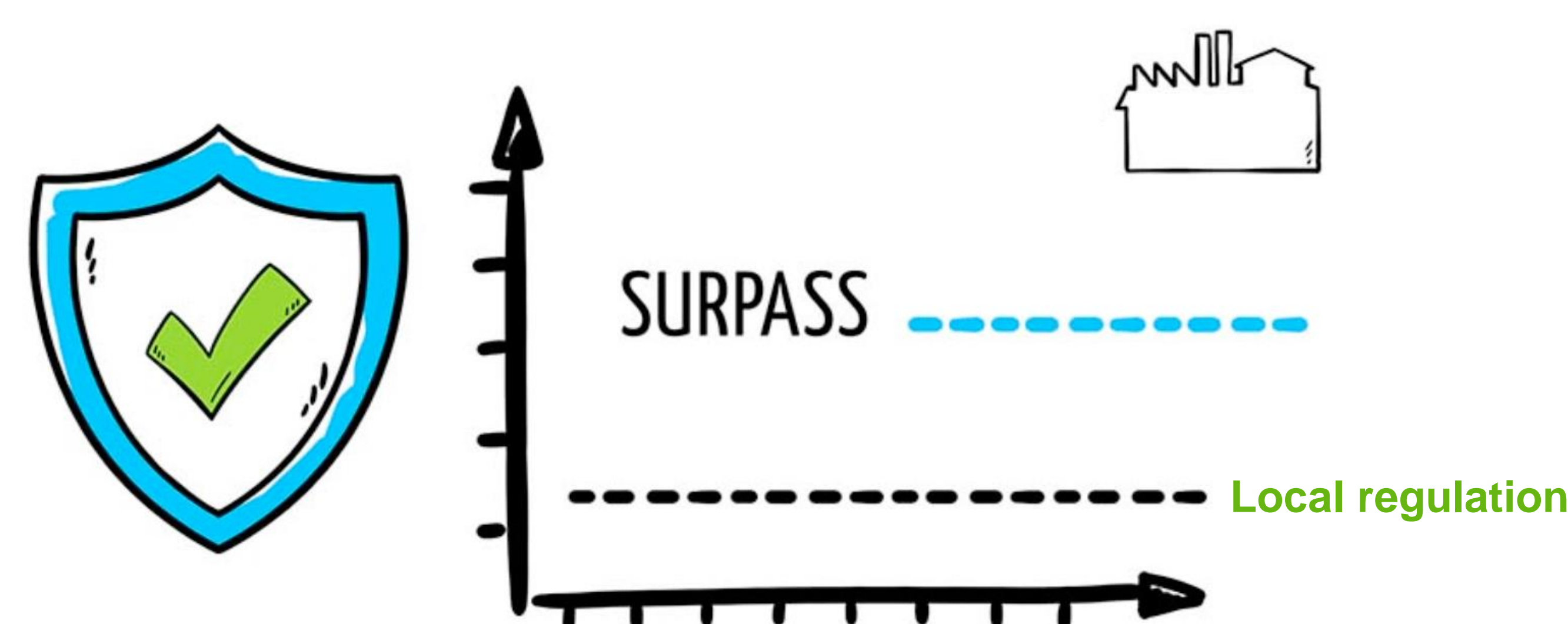
As transparency is a key element for SURPASS, we will publish our safety standards on our transparency website. Our operator safety standard was published in 2021, and other safety standards will be published in the coming years.



Bayer's Safety Standards

Outlook and challenges

In order to protect humans and the environment, it is important to generally strengthen the regulatory environment in low-regulated countries. With SURPASS, we hope that Bayer becomes a role model in terms of safety aspects and that others will follow our approach.



Bayer wants to raising the safety bar for the entire agricultural industry



Bayer's operator Safety Standard is already published

Product safety is Bayer's #1 priority and is embedded into everything we do!



No unacceptable risk for **farmers** applying our products

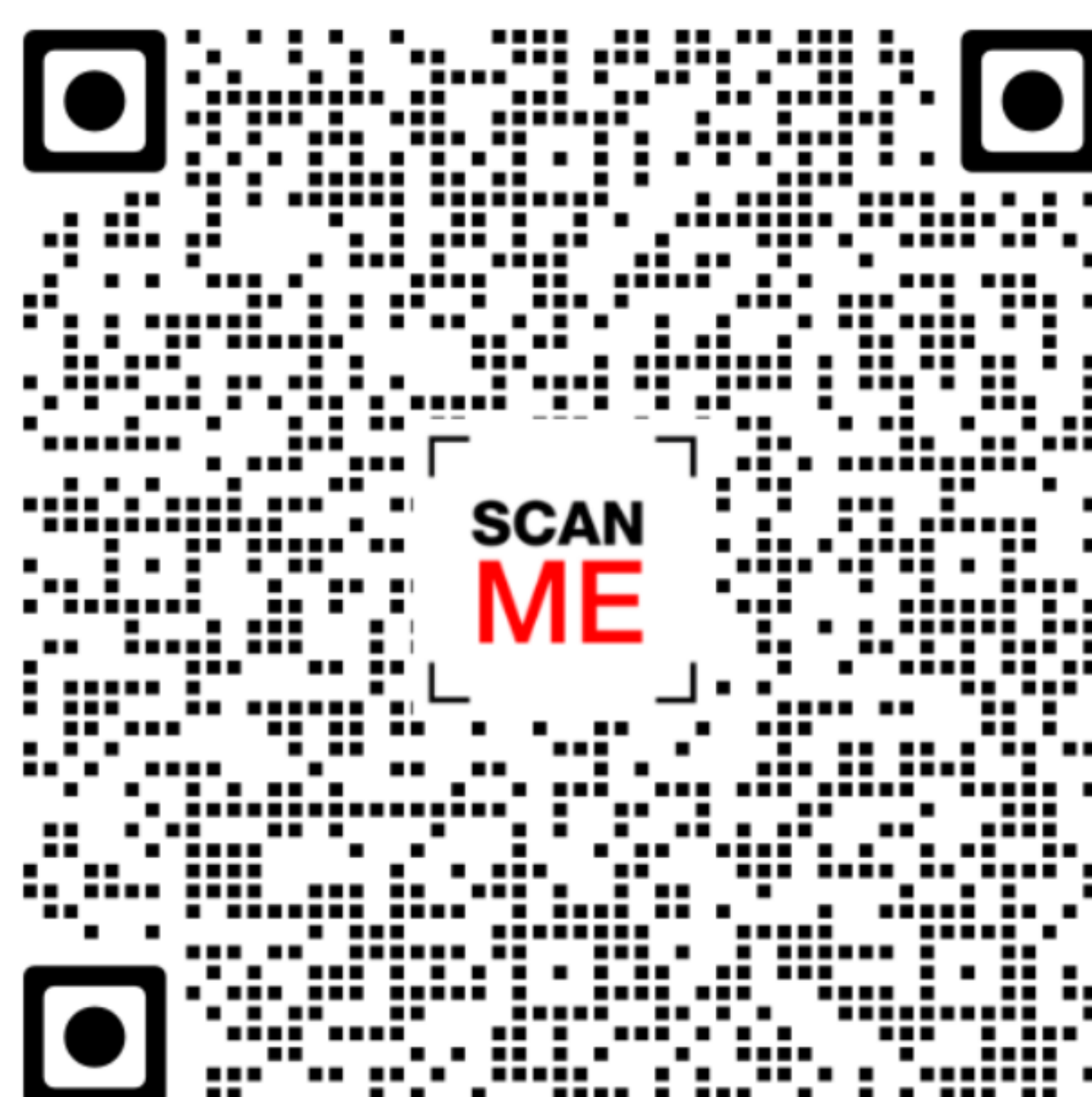


No undue harm for the **environment**



No unacceptable risk for **consumers**

Bayer's internal safety standards help us to develop and steward safe products for use around the world



Ask for more information!