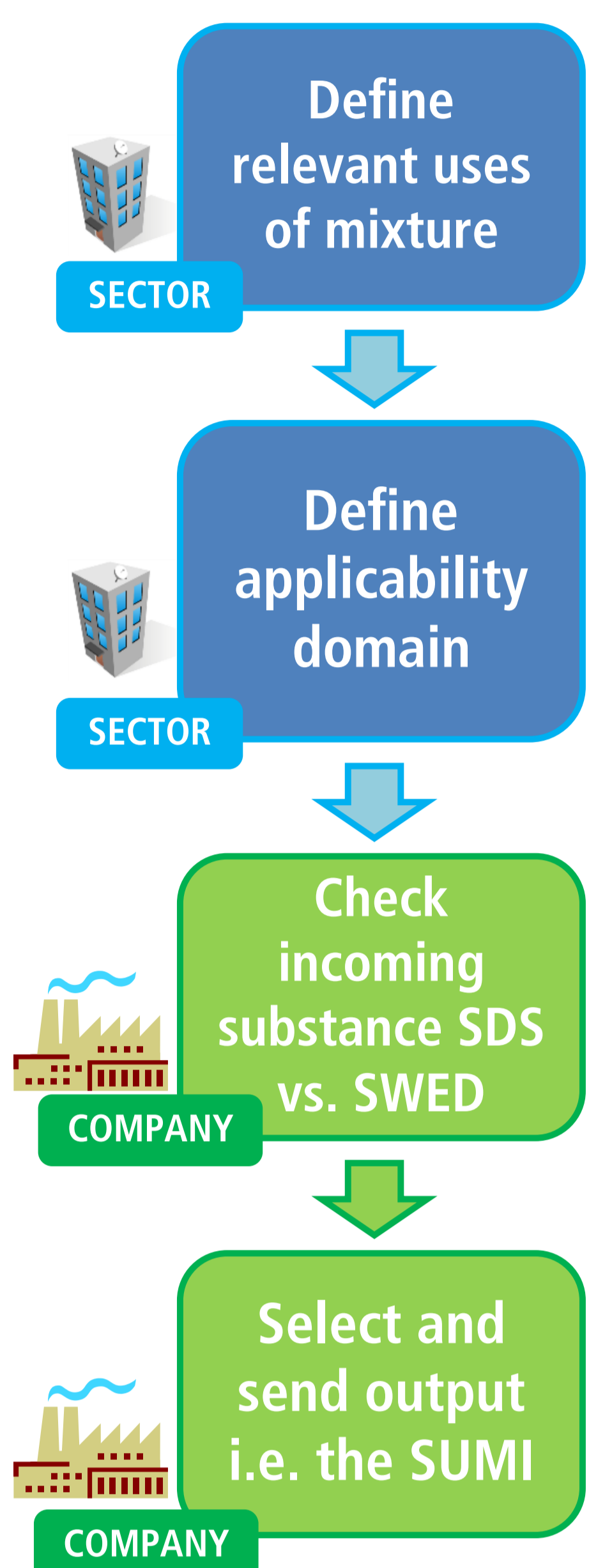


SUMI SELECTION METHODS

How formulators can identify and provide Safe Use of Mixtures Information for end-users

JAN ROBINSON

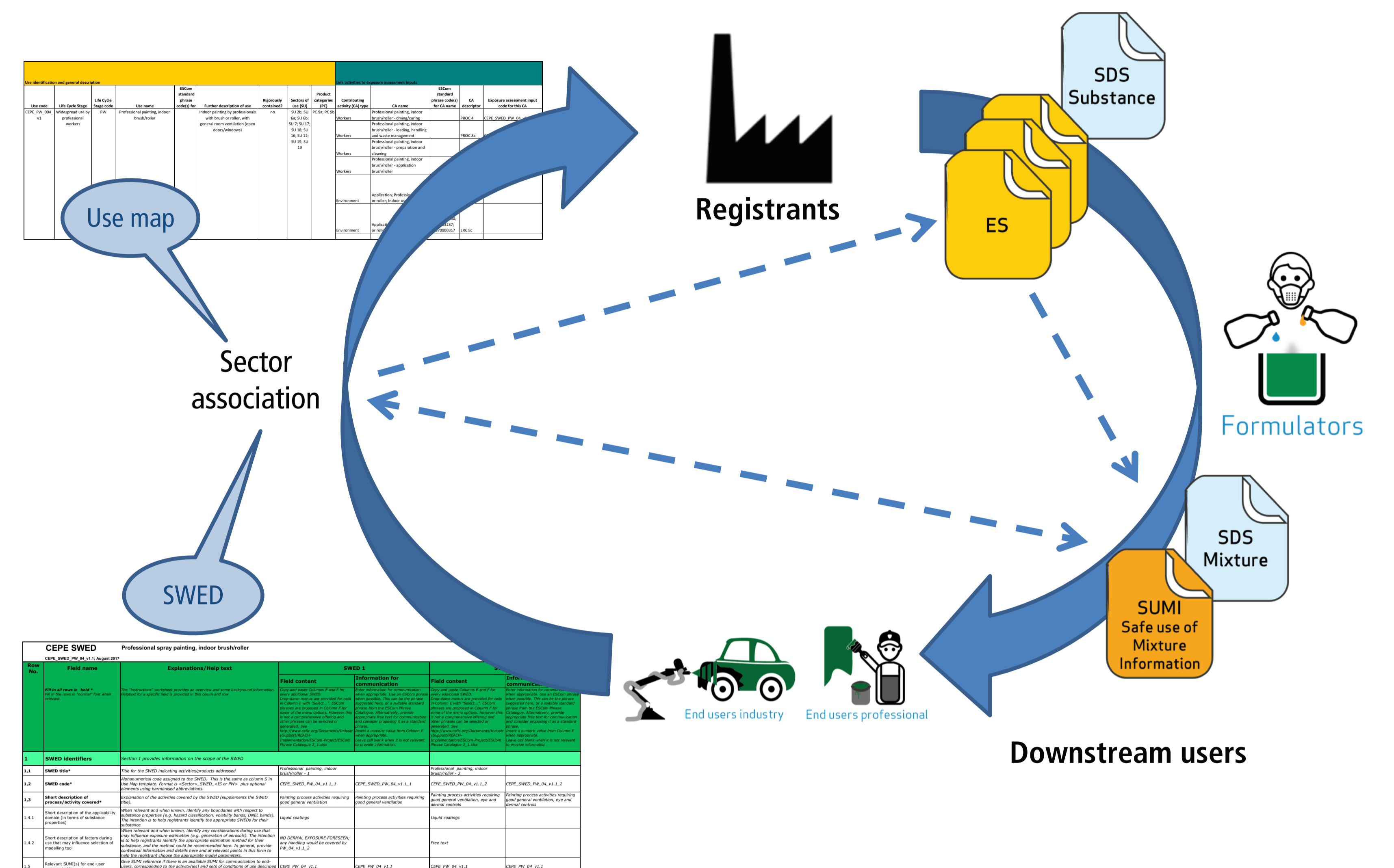


Sector-specific Worker Exposure Descriptions (SWEDs)
Part of sector's use map package. Includes pre-defined Operational Conditions and Risk Management Measures for each relevant use

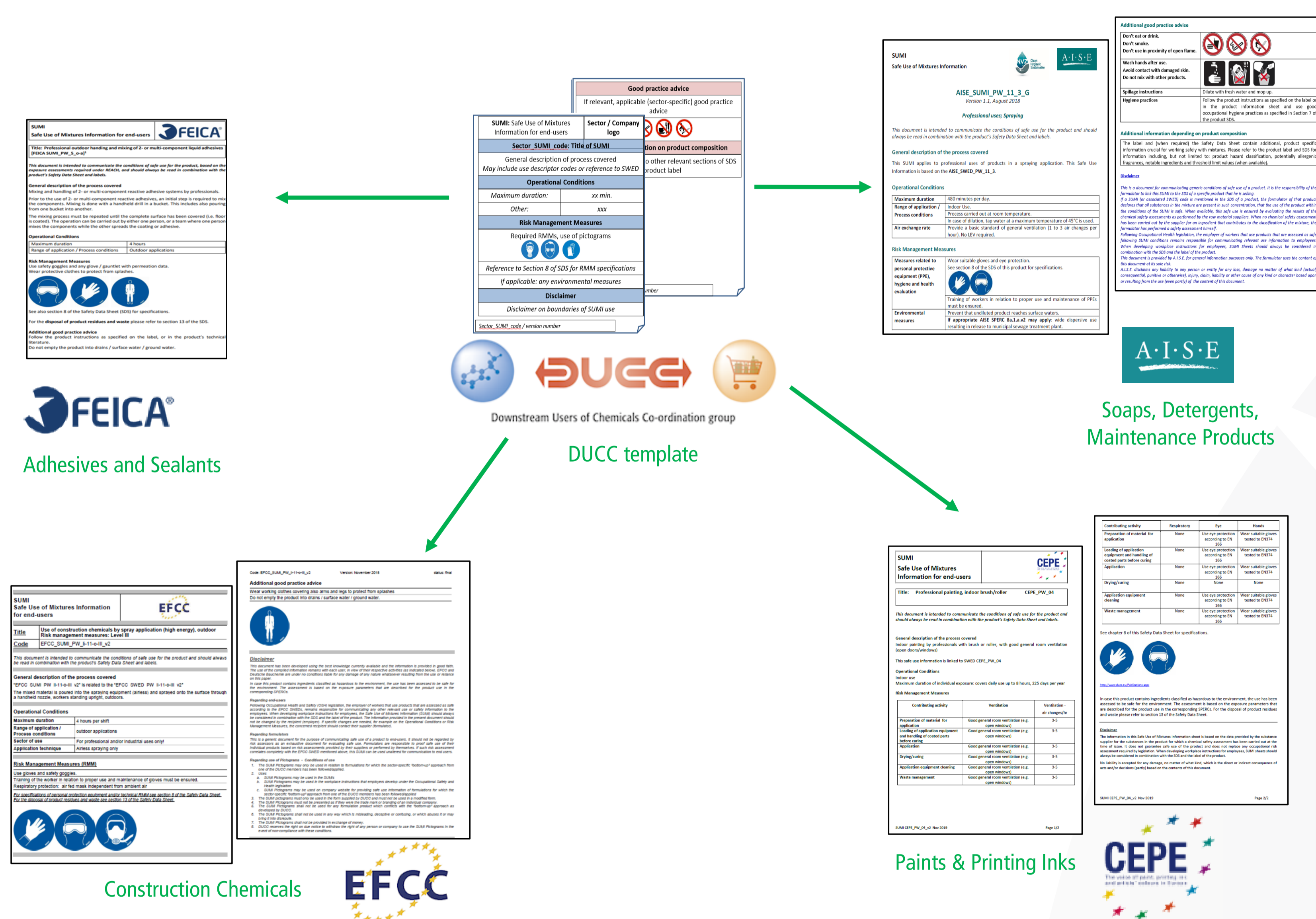
Sector defines scope/limits of its SWEDs
e.g. by specifying to which products or hazards each SWED applies, or by calculating expected exposures

'Validation' step by formulator
including comparison of OCs/RMMs between SDS and SWED. In some sectors a quantitative validation is available (comparison of calculated exposures)

Simple safe use advice for industrial and professional end-users
One SWED ⇔ one SUMI; use-orientated, not product-specific
To be integrated within or appended to the SDS of a mixture



SUMIs – An Industry-Wide Initiative



SUMI
Safe Use of Mixtures
Information for end-users

CEPE

Title: Professional painting, indoor brush/roller CEPE_PW_04

This document is intended to communicate the conditions of safe use for the product and should always be read in combination with the product's Safety Data Sheet and labels.

General description of the process covered
Indoor painting by professionals with brush or roller, with good general room ventilation (open doors/windows)

Operational Conditions
Indoor use
Maximum duration of individual exposure: covers daily use up to 8 hours, 225 days per year

Risk Management Measures

Contributing activity	Ventilation	Ventilation - air changes/hr
Preparation of material for application	Good general room ventilation (e.g. open windows)	3-5
Loading of application equipment and handling of coated parts before curing	Good general room ventilation (e.g. open windows)	3-5
Application	Good general room ventilation (e.g. open windows)	3-5
Drying/curing	Good general room ventilation (e.g. open windows)	3-5
Application equipment cleaning	Good general room ventilation (e.g. open windows)	3-5
Waste management	Good general room ventilation (e.g. open windows)	3-5

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Contributing activity	Respiratory	Eye	Hands
Preparation of material for application	None	Use eye protection according to EN 166	Wear suitable gloves tested to EN374
Loading of application equipment and handling of coated parts before curing	None	Use eye protection according to EN 166	Wear suitable gloves tested to EN374
Application	None	Use eye protection according to EN 166	Wear suitable gloves tested to EN374
Drying/curing	None	None	None
Application equipment cleaning	None	Use eye protection according to EN 166	Wear suitable gloves tested to EN374
Waste management	None	Use eye protection according to EN 166	Wear suitable gloves tested to EN374

See chapter 8 of this Safety Data Sheet for specifications.

<http://www.cepe.eu/substitutions.aspx>

Disclaimer
The information in this Safe Use of Mixtures Information sheet is based on the data provided by the substance supplier for the substance in the product for which a chemical safety assessment has been carried out at the time of issue. It does not guarantee safe use of the product and does not replace any occupational risk assessment required by legislation. When developing workplace instructions for employees, SUMI sheets should always be considered in combination with the SDS and the label of the product.
No liability is accepted for any damage, no matter of what kind, which is the direct or indirect consequence of acts and/or decisions (parts) based on the contents of this document.

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Some considerations on use of SUMIs

- SUMIs would typically be provided with **classified mixtures** only (fulfilling REACH Art. 31(7))
- SUMIs do not replace the **Safety Data Sheet**, but are to be read in conjunction with the SDS
- **More than one SUMI** may be included in or appended to the SDS
 - Depending on the customer's uses and/or the way that uses are defined by a sector
- SUMIs are developed to cover the **majority of uses** in a sector ('80:20 rule')
- If a standard SUMI cannot be selected, formulators have options
 - e.g. contact supplier; customize SWED + SUMI; use a different method (e.g. LCID); conduct a DU CSA; substitute the substance