

HOW SIN LIST AND MARKETPLACE CAN DRIVE SUBSTITION

An NGO Contribution



Dr Anna Lennquist 27 October 2021

WHO WE ARE

- Sweden-based NGO
- Focus on chemicals and chemicals policy
- Target policymakers, companies and investors
- Provide a number of "tools" for chemicals management





CHEMSEC BUSINESS GROUP



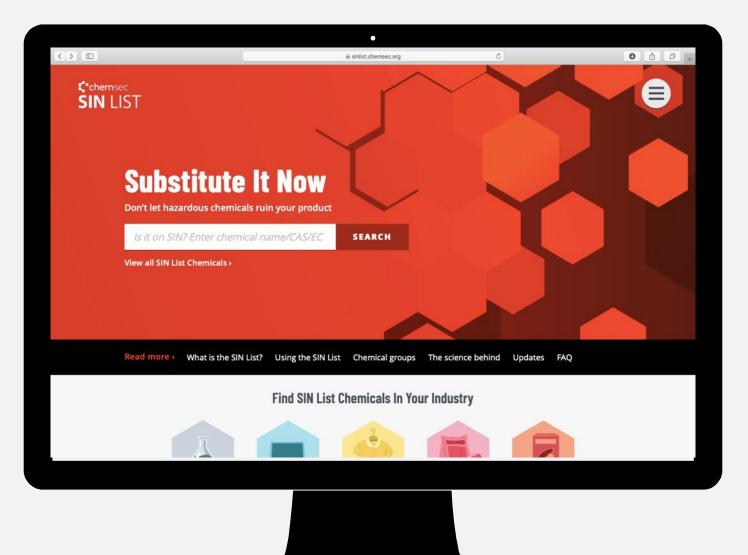


REGULATION DRIVES INNOVATION

...and the other way around

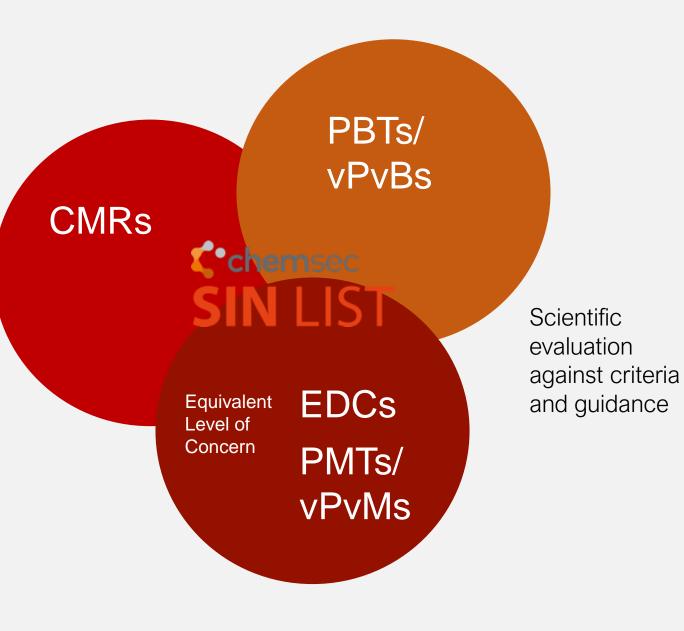


THE SIN LIST PREDICTS THE CANDIDATE LIST

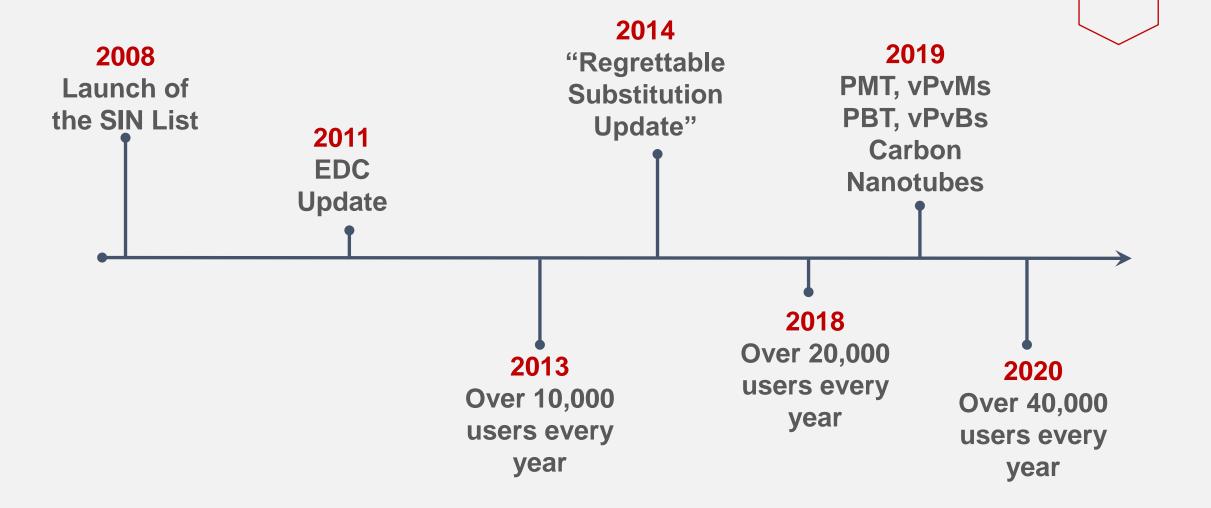




Official hazard classification CMR 1a and 1b











METHODOLOGY

- Starting list of "suspected substances"
- Sort out "irrelevant"
- Identify most promising candidates
- Scientific review of hazard properties
- Comparison with RECH criteria
- Second opinion
- Decision



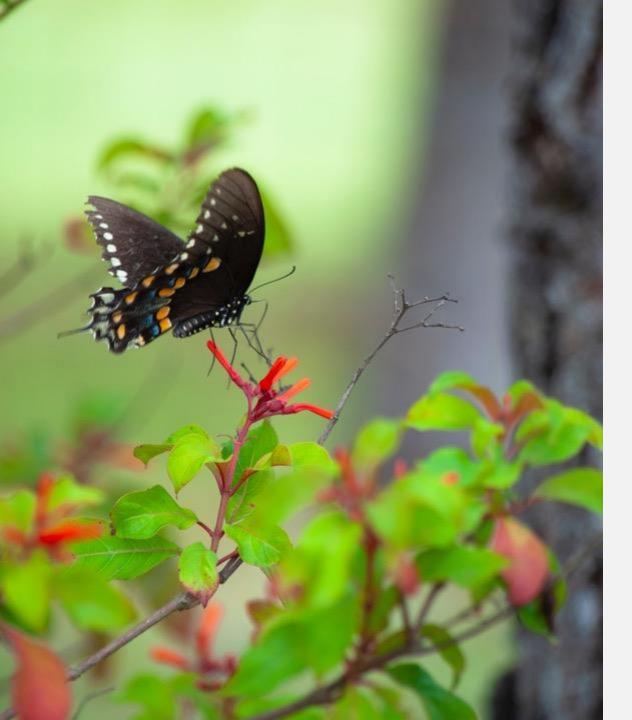
58 000 VIEWERS, 2 800 USER ACCOUNTS

Country		Users	% Users
1. 💻	United States	9,708	16.63%
2. 💼	Bulgaria	6,291	10.78%
3. 🚺	France	5,313	9.10%
4. 💴	Sweden	3,652	6.26%
5. 💻	Germany	3,567	6.11%
б. 🚺	Italy	3,394	5.81%
7. 💶	Spain	2,860	4.90%
8. 🖽	United Kingdom	2,674	4.58%
9. 🔛	China	2,335	4.00%
10. 💶	India	1,755	3.01%

Users represent: Companies **Financial investors** Public procurement Eco labels NGOs **Consumer organisations** Trade organisations **Authorities**







WHAT DOES IT MEAN TO "USE" THE SIN LIST?

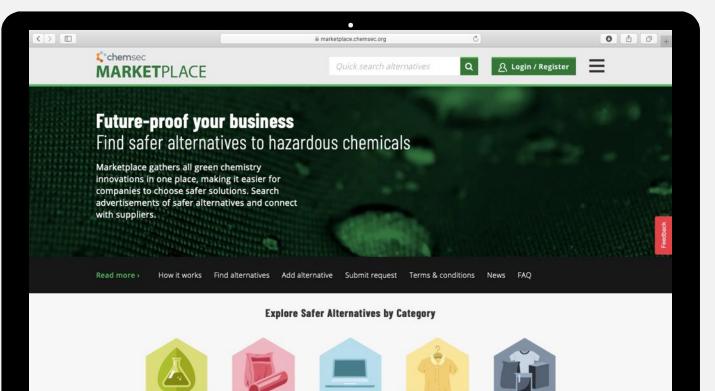
We present a list of hazardous substances, fulfilling SVHC criteria

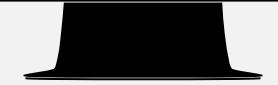
Users decide how to use it

In part of fully

First step is transparency

MARKETPLACE IS THE DATING SITE FOR SAFER ALTERNATIVES





Electronics

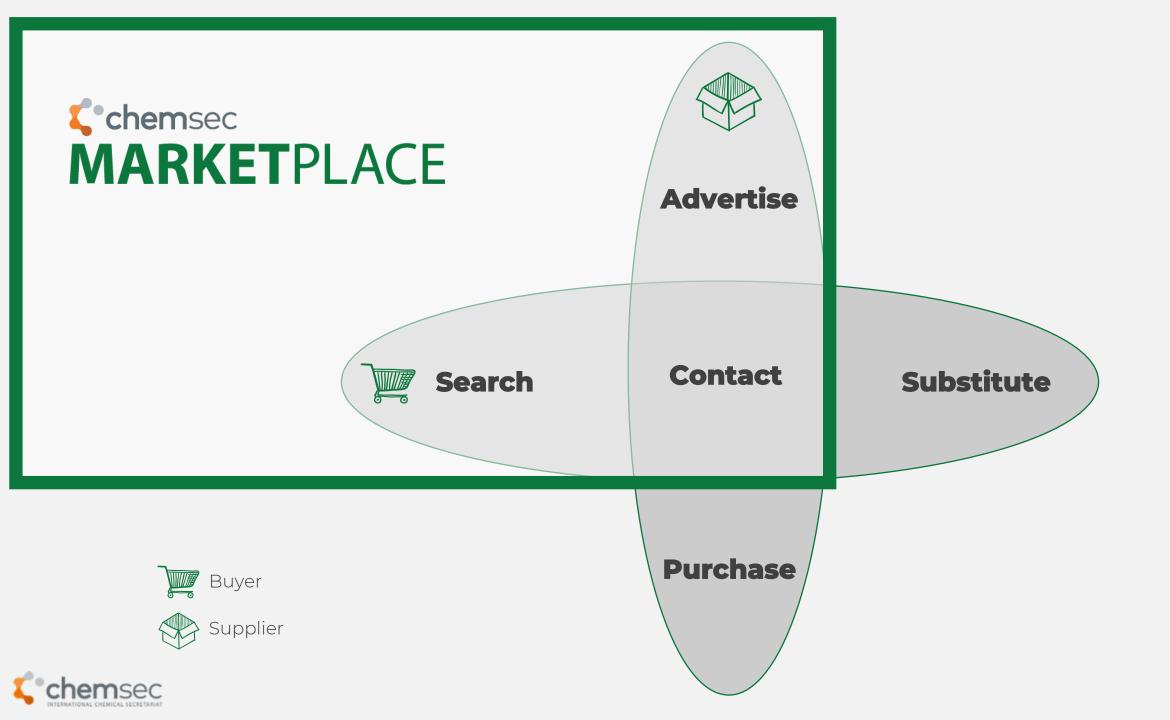
Textile

View all

Bio-based

Construction





ALTERNATIVES

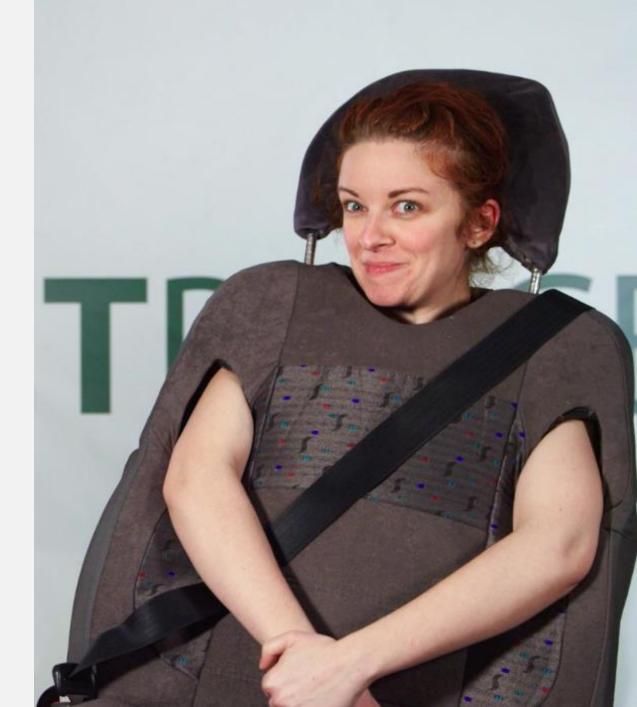
Any supplier offering a solution that can replace or remove hazardous chemicals

Marketplace welcomes:

- Drop-in substitutes
- Technological solutions
- New processes and materials
- Bio-based materials

No SIN List substances

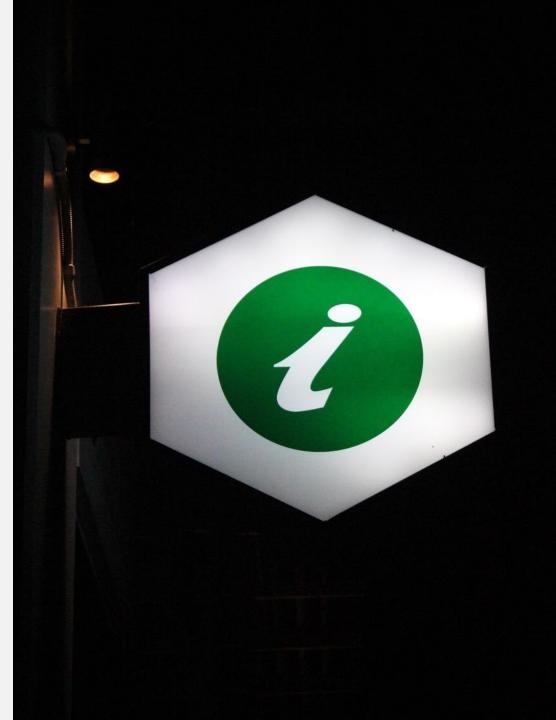




ALTERNATIVE INFORMATION

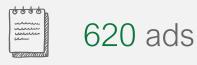
The information necessary for submitting an ad to Marketplace:

- Function and uses
- Short description
- Standards and/or 3rd party verifications
- Hazard information (if available)





MARKETPLACE NUMBERS



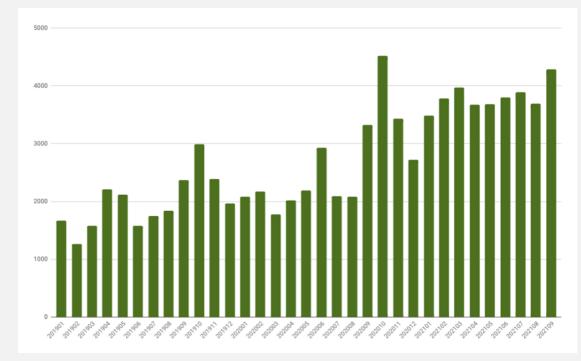


2 contacts per day



4 000 pageviews of ads per month

PAGEVIEWS ADS PER MONTH







Environmental Science & Policy Volume 126, December 2021, Pages 90-98



Does the scientific knowledge reflect the chemical diversity of environmental pollution? – A twenty-year perspective

Erik Kristiansson ^{a, b} 옷 ¤, Jessica Coria ^{b, c}, Lina Gunnarsson ^d, Mikael Gustavsson ^{a, b}

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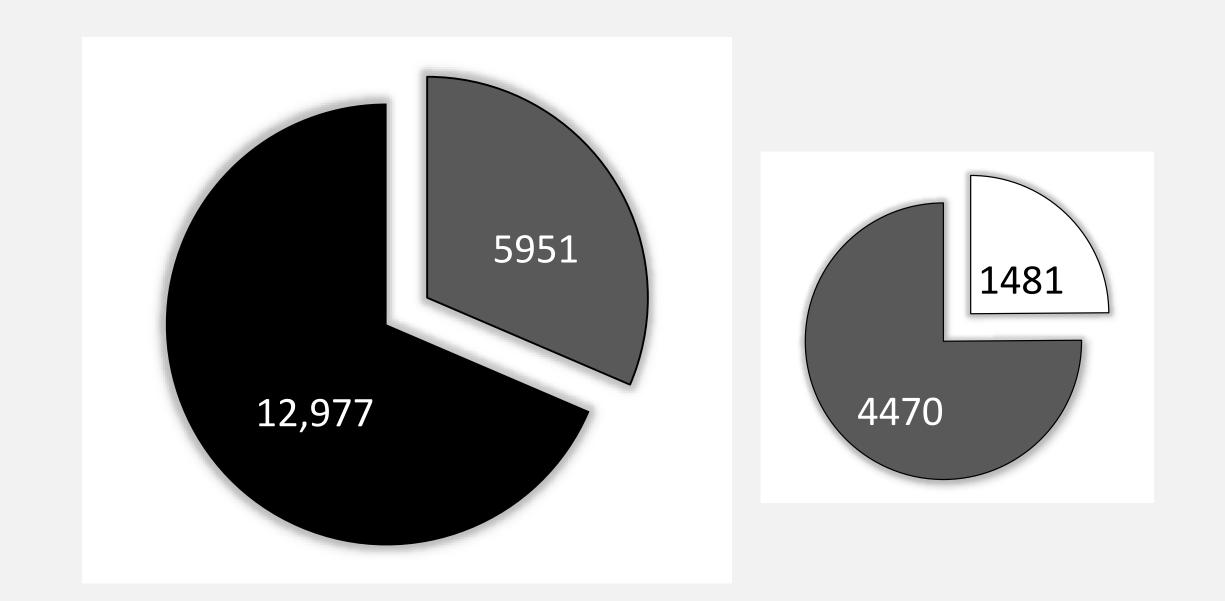
Highlights

- The ecotoxicological research has been highly focused and as few as 65 chemicals dominates the scientific literature.
- Over the last twenty years, the research interest has increased for pharmaceuticals and decreased for biocides.
- Corporate-associated research has distinct publication patterns and compose large parts of the knowledge for some chemicals.
- A large number of chemicals have little to no scientific knowledge about their toxicity.
- Expansion of the ecotoxicological research field is necessary to catch up with the increasing diversity of the chemosphere.

THE USUAL SUSPECTS

Of the tens of thousands chemicals in production – research has focused on very few.

Kristiansson et al. 2021





At least one publication

At least ten publications

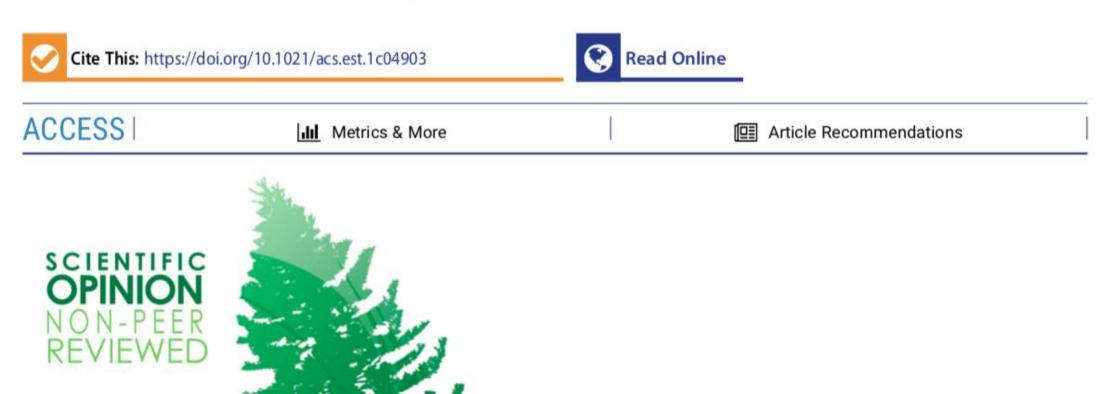


pubs.acs.org/est

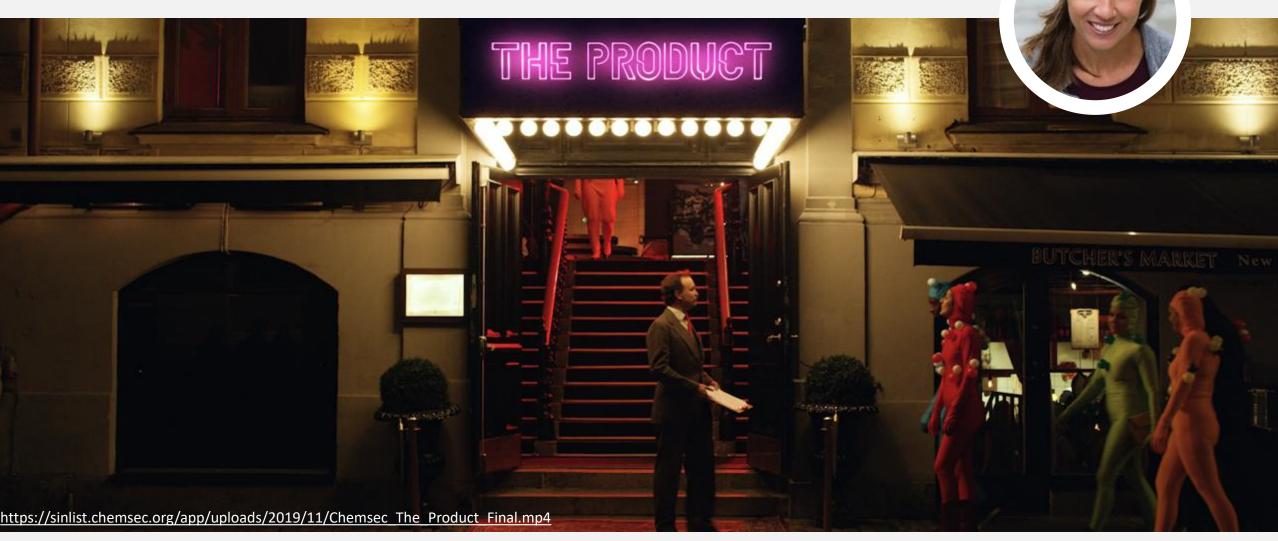
Viewpoint

The Need for Chemical Simplification As a Logical Consequence of Ever-Increasing Chemical Pollution

Kathrin Fenner* and Martin Scheringer*



THANK YOU FOR LISTENING!





CHEMSEC CHANNELS

- Website: <u>chemsec.org</u>
- SIN List: sinlist.chemsec.org
- Marketplace: <u>marketplace.chemsec.org</u>

- LinkedIn: <u>@chemsec</u>
- Twitter: <u>@chemsec</u>





Chemosec International chemical secretariat