



PMT/vPvM SUBSTANCES ON THE SIN LIST

WHAT WE DO AT CHEMSEC

- Drive the political discussion on hazardous chemicals
- Challenge companies to improve their chemicals management
- Develop online tools to help companies switch to safer chemicals
- Inform investors about risks and opportunities in the chemical industry



CHEMSEC BUSINESS GROUP



BYGGFÖRETAGEN



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SONY®



H&M Group



adidas®
GROUP

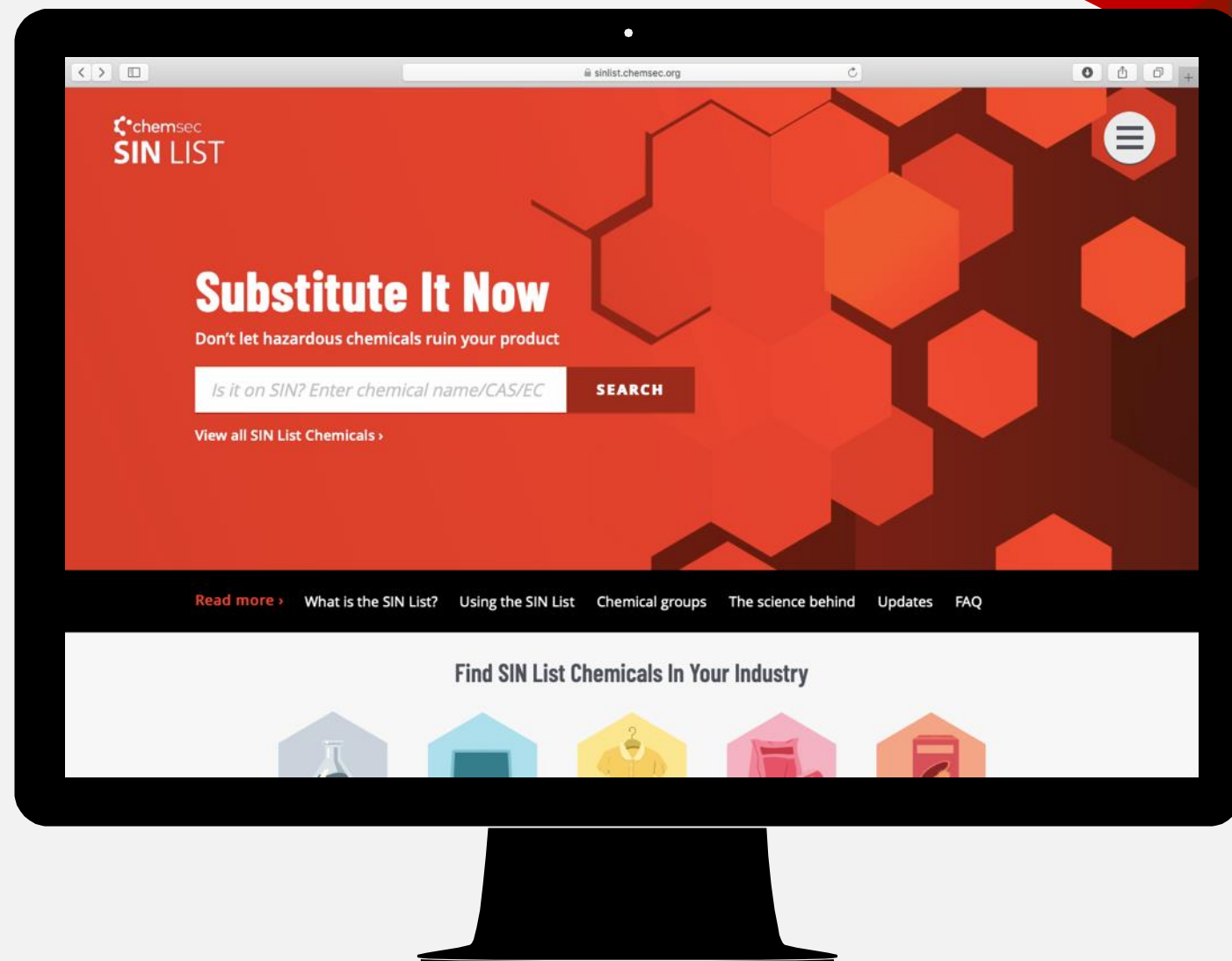


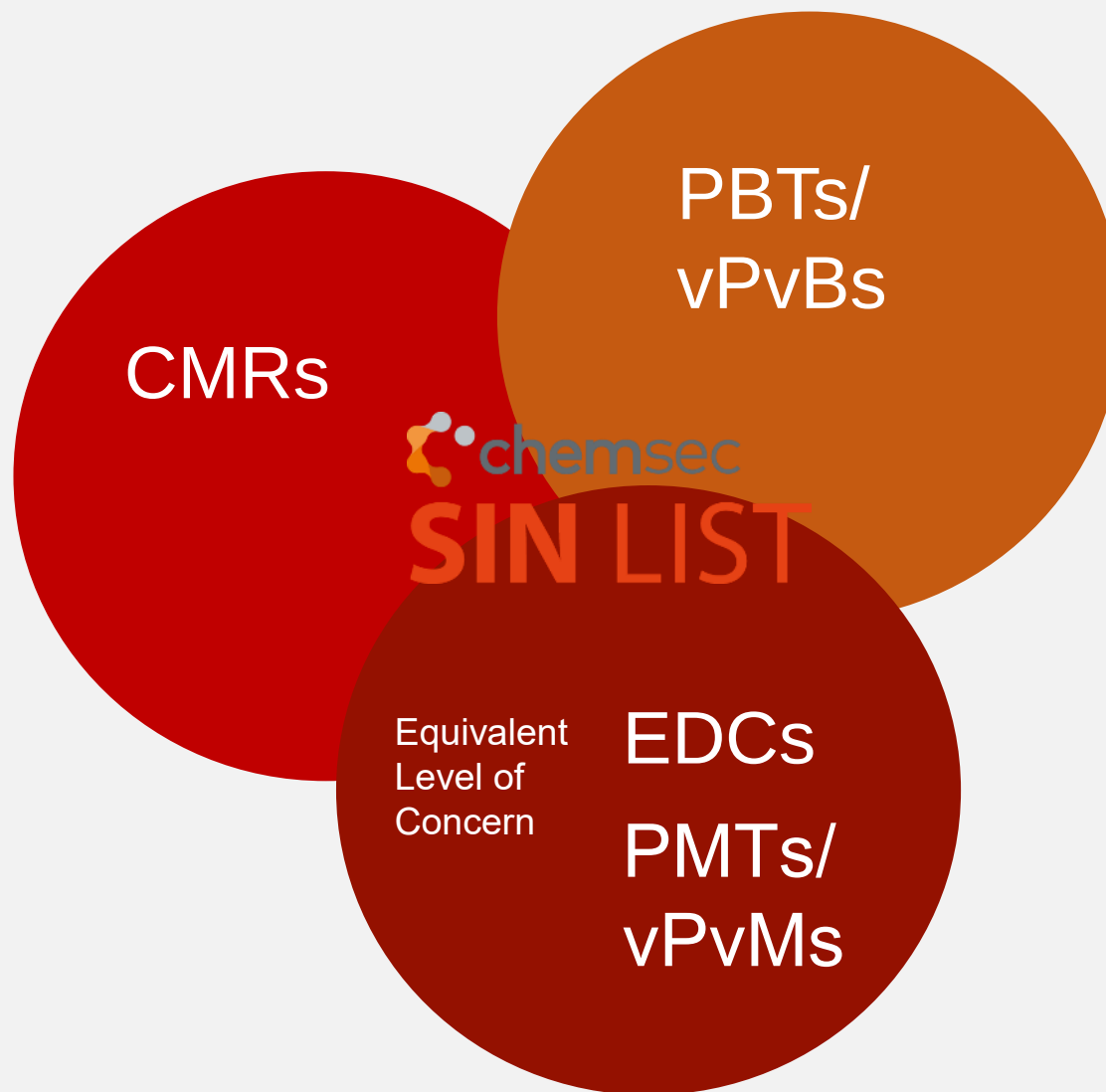
SKANSKA

coop

Kingfisher

What chemicals can we
expect on the REACH
Candidate List?





2008
Launch of
the SIN List

2011
EDC
Update

2014
“Regrettable
Substitution
Update”

2019
PMT, vPvMs
PBT, vPvBs
Carbon
Nanotubes

2013
Over 10,000
users every
year

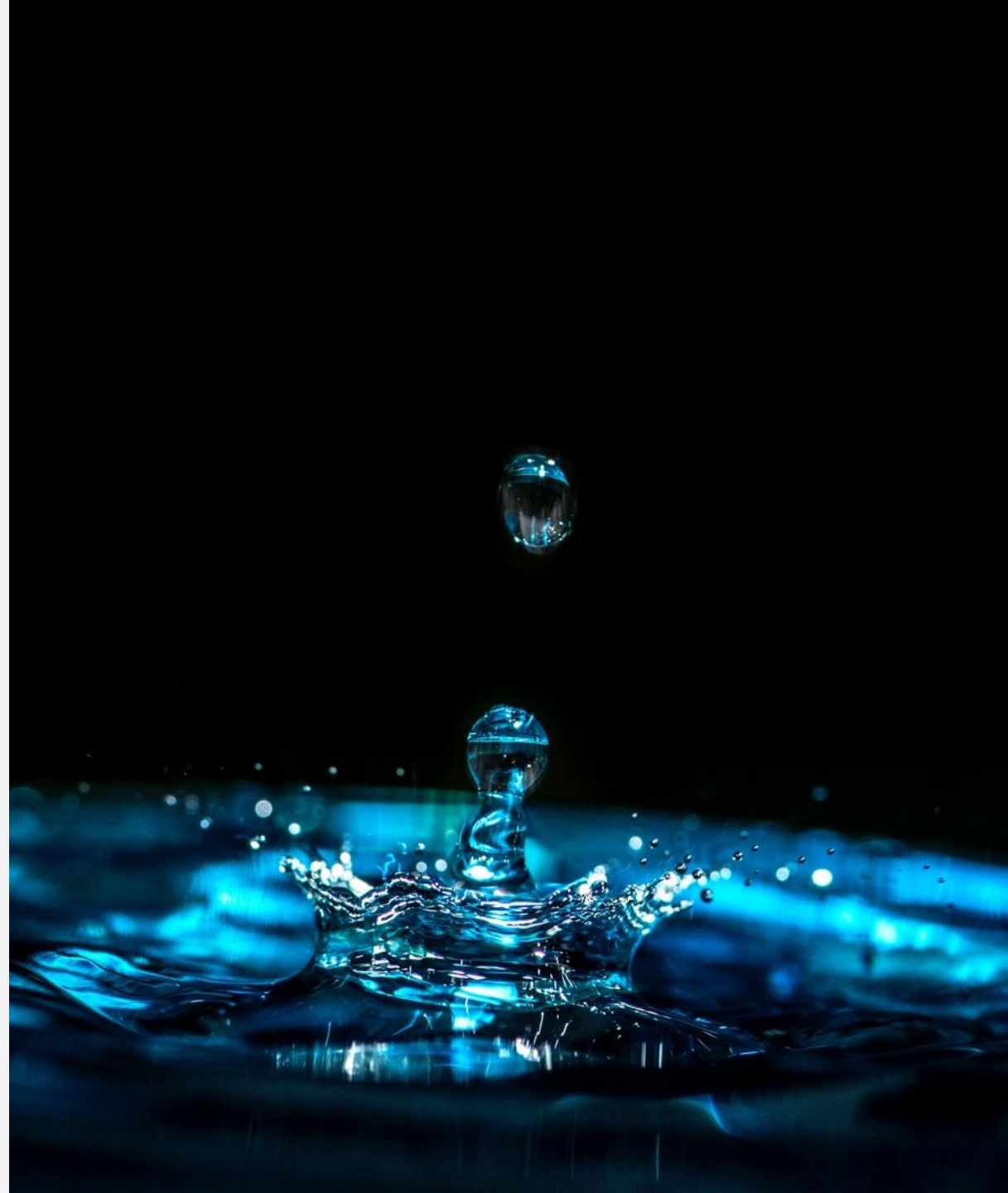
2018
Over 20,000
users every
year

2020
Over 40,000
users every
year



WHY WE ADDED PMTs TO THE SIN LIST

- Urgent to act on these substances
- Regulation is to be expected
- Help companies where to start
- Support for the initiative by UBA





HOW WE IDENTIFIED THE SIN LIST PMT

- Starting from UBA criteria and list
- Screening using EPI suite estimations
- Screening out less relevant uses
- Available experimental data
- Available biomonitoring data
- Reports, classifications etc from authorities
- Estimated model data from EPI suite and others
- Consideration of read-across and degradation products

Solvents

- Chloroform
- Carbon tetrachloride
- 1,1,1-Trichloroethane
- Tris(2-chloro-1-methylethyl) phosphate (TCPP)

PFAS

- Trifluoroacetic acid (TFA)
- PFBS
- FC-3284

Plastics related

- N-Butylbenzenesulphonamide
- 2,2'-Azobis[2-methylbutyronitrile]
- 2,2'-Dimethyl-2,2'-azodipropiononitrile
- Melamine

Other

- 1,2,4-Triazole
- 1,4,5,6,7,7-Hexachloro-8,9,10-trinorborn-5-ene-2,3-dicarboxylic anhydride
- 1,4-Dioxane
- Pentasodium pentahydrogen -n-tetrakisphosphonate
- N-tetrakisphosphonic acid, sodium salt



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THE NEXT BPA?

- Variety of uses, high production volume
- Frequently found in natural waters, drinking waters, human breast milk and urine
- Resin with formaldehyde, and sometimes bamboo
- Urinary tract toxicity (STOTRE) and suspected carcinogen (Carc 2)



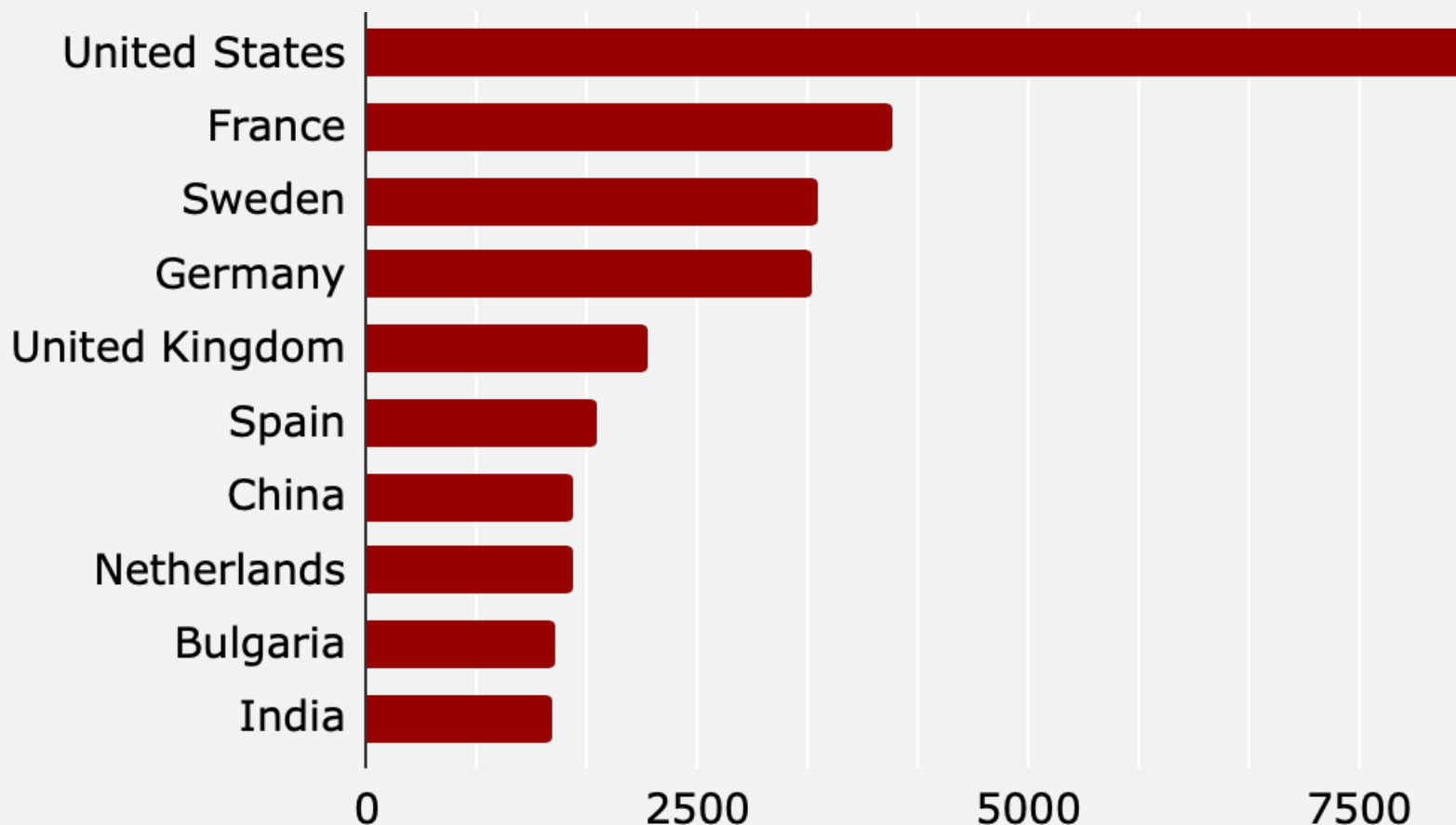
WHY SIN LISTING OF PMTs MATTERS

Raising awareness among companies and non-EU professionals

An indication where to start

The SIN List feeds into corporate policies, supply chain requirements, policy discussions and investor tools

43 000 USERS IN 177 COUNTRIES



Users represent:

Companies

Financial investors

Public procurement

Eco labels

NGOs

Consumer organisations

Trade organisations

Authorities

THANK YOU FOR LISTENING!



https://sinlist.chemsec.org/app/uploads/2019/11/Chemsec_The_Product_Final.mp4



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