

Introduction

Webinar: Tools to support
substitution to safer chemicals

18 April 2018

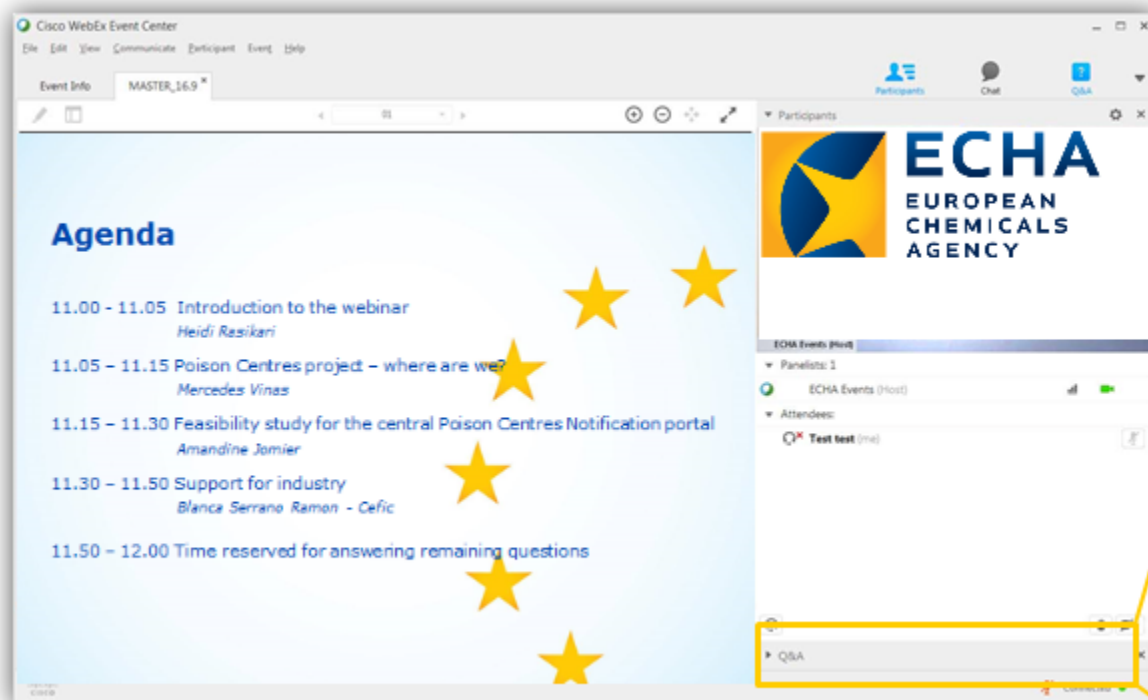
Adam Elwan, ECHA



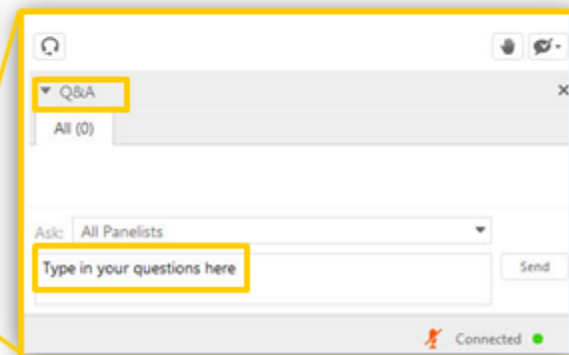
Agenda

- 15:00 **INTRODUCTION**
Adam ELWAN, ECHA
- 15:15 **LANDSCAPE OF METHODS AND TOOLS TO SUPPORT
TRANSITION TO SAFER CHEMICALS**
Joel TICKNER & Molly JACOBS, University of
Massachusetts, Lowell
- 15:30 **OECD SUBSTITUTION AND ALTERNATIVES ASSESSMENT
TOOLBOX**
Emily CONNOR, Abt Associates
- 15:45 **CHEMSEC MARKETPLACE**
Jerker LIGTHART, CHEMSEC
- 16:00 **USING ECHA'S DATA TO SUPPORT SUBSTITUTION**
Eoin BRENNAN, ECHA
- 16:15 **CONCLUSIONS**
Adam ELWAN, ECHA

Q&A panel

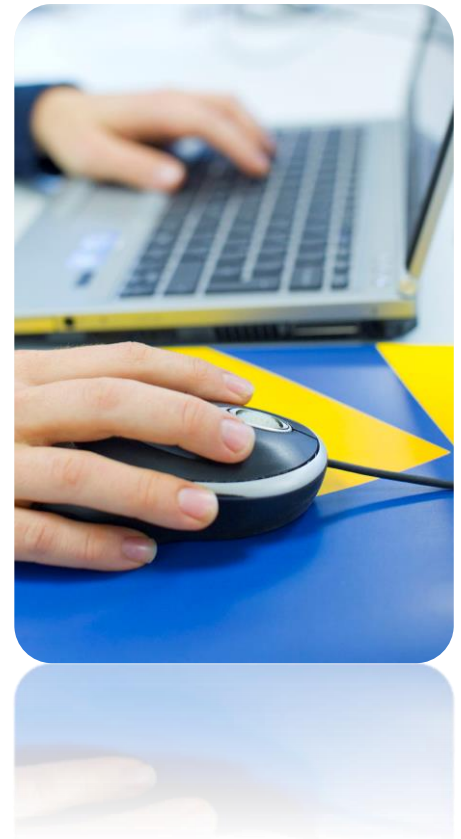


- Send questions about the presentations
- Send messages if you have any technical difficulties



Q&A panel

- Submit your questions at any time - we will answer as many as possible
- Question not answered by the end of the webinar? Send it to your national helpdesk or to our helpdesk:
echa.europa.eu/contact



Recordings published

- On our YouTube channel
[YouTube.com/Euchemicals](https://www.youtube.com/Euchemicals)
- Webinar material on our website



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ECHA
EUROPEAN CHEMICALS AGENCY

Search the ECHA Website

About Us | Regulations | Addressing Chemicals of Concern | Information on Chemicals | Chemicals in our Life | Support

ECHA > Support > Webinars

Webinars

Webinars are information sessions hosted online, and consisting of presentations, video and other interactive features such as questions and answers, desktop sharing and audio conferencing. Up to one thousand participants can remotely join a webinar at once.

A registration link will be available for each individual webinar closer to the event date and all webinars, including a webinar programme and registration link will be announced in ECHA's weekly e-News.

The webinar programme is subject to change. Exact dates will be confirmed as they become available.

Each webinar will be recorded and later published on the ECHA website.

REACH 2018	Upcoming	2017	2016	2015	2014	2013	2012	2011	All Webinars
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**Strategy to promote
substitution to safer
chemicals through
innovation**



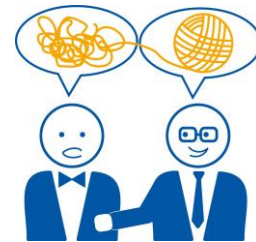


Outline

- Goals
- Approach
- Four action areas
- Revised webpages on substitution
- More information

Goals

- Support informed and meaningful substitution of chemicals of concern in the EU and boost the availability and adoption of safer alternative substances and technologies



Approach

- Promote best practice and mind-set
- Substitution as part of innovation
 - Creates business opportunity
 - Has environmental and health benefits
- Collaboration with stakeholders is vital
- Stepwise-approach: Four action areas



Substitution strategy

Four building blocks



Capacity building

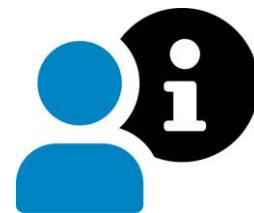


Facilitating access
to funding and
technical support



Facilitating the
use of ECHA's
data for sustain-
able substitution

Substitution networks



Capacity building

Supply chain workshops

- Share substitution challenges
 - Substance users and suppliers
 - Providers of alternatives, end-users, retailers, R&D and financial support





Capacity building

Supply chain workshops

- Learn from others
- New ideas
- Identify gaps and training needs





Supply chain workshops

Examples

- [Finnish chrome platers workshop](#)
Finland January 2017
- [Flame retardants in home textile](#)
Belgium, 16 January 2018
- Antifouling paints in recreational boats
Netherlands, 5 October 2018
- Others under preparation



How you can contribute

- Do you have a topic for a substitution supply chain workshop?
 - [Let us know](#) and ask your industry association and Member State Competent Authority for help

Access to funding and R&D support

- Fostering technical and financial support
- Easier access
- Ensure safe chemistry is considered in funding criteria
- At EU and national level

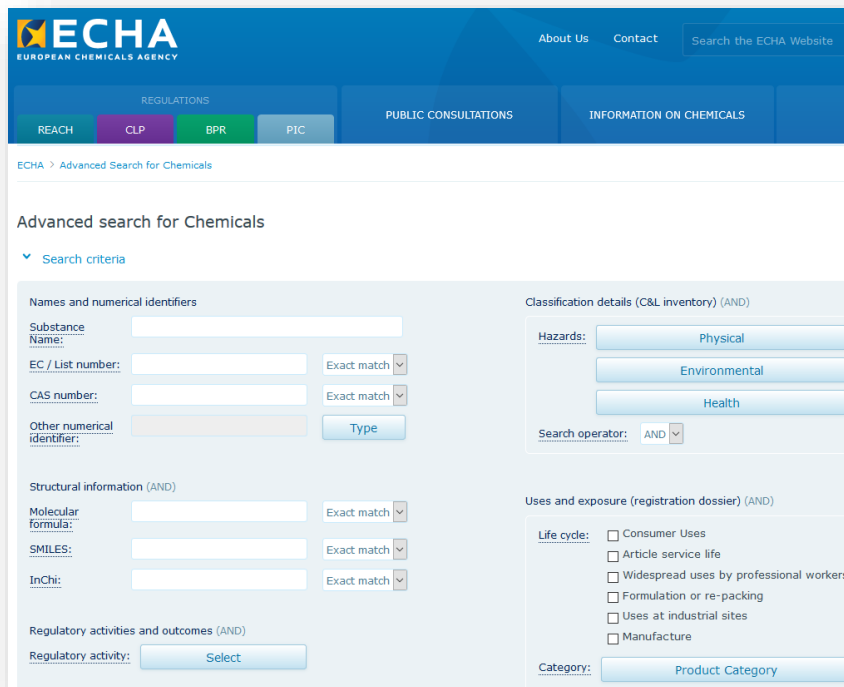


Access to funding and R&D support

- Are you searching or providing support on substitution?
 - E.g. finance, R&D, technical
- Search or fill in our list of resources – available soon on our website

REACH and CLP data for sustainable substitution

- Aim: avoid regrettable substitution
- Make use of our data for substitution



The screenshot shows the ECHA website's 'Advanced Search for Chemicals' page. The interface is organized into several sections for filtering search results:

- Search criteria:**
 - Names and numerical identifiers:** Includes fields for Substance Name, EC/List number (with an 'Exact match' dropdown), CAS number (with an 'Exact match' dropdown), and Other numerical identifier (with a 'Type' button).
 - Classification details (C&L inventory) (AND):** Features buttons for 'Physical', 'Environmental', and 'Health' hazards, and a 'Search operator' dropdown set to 'AND'.
 - Structural information (AND):** Includes fields for Molecular formula, SMILES, and InChi, each with an 'Exact match' dropdown.
 - Regulatory activities and outcomes (AND):** Features a 'Regulatory activity' button labeled 'Select'.
 - Uses and exposure (registration dossier) (AND):** Includes a 'Life cycle' section with checkboxes for 'Consumer Uses', 'Article service life', 'Widespread uses by professional workers', 'Formulation or re-packing', 'Uses at industrial sites', and 'Manufacture'. It also has a 'Category' button labeled 'Product Category'.



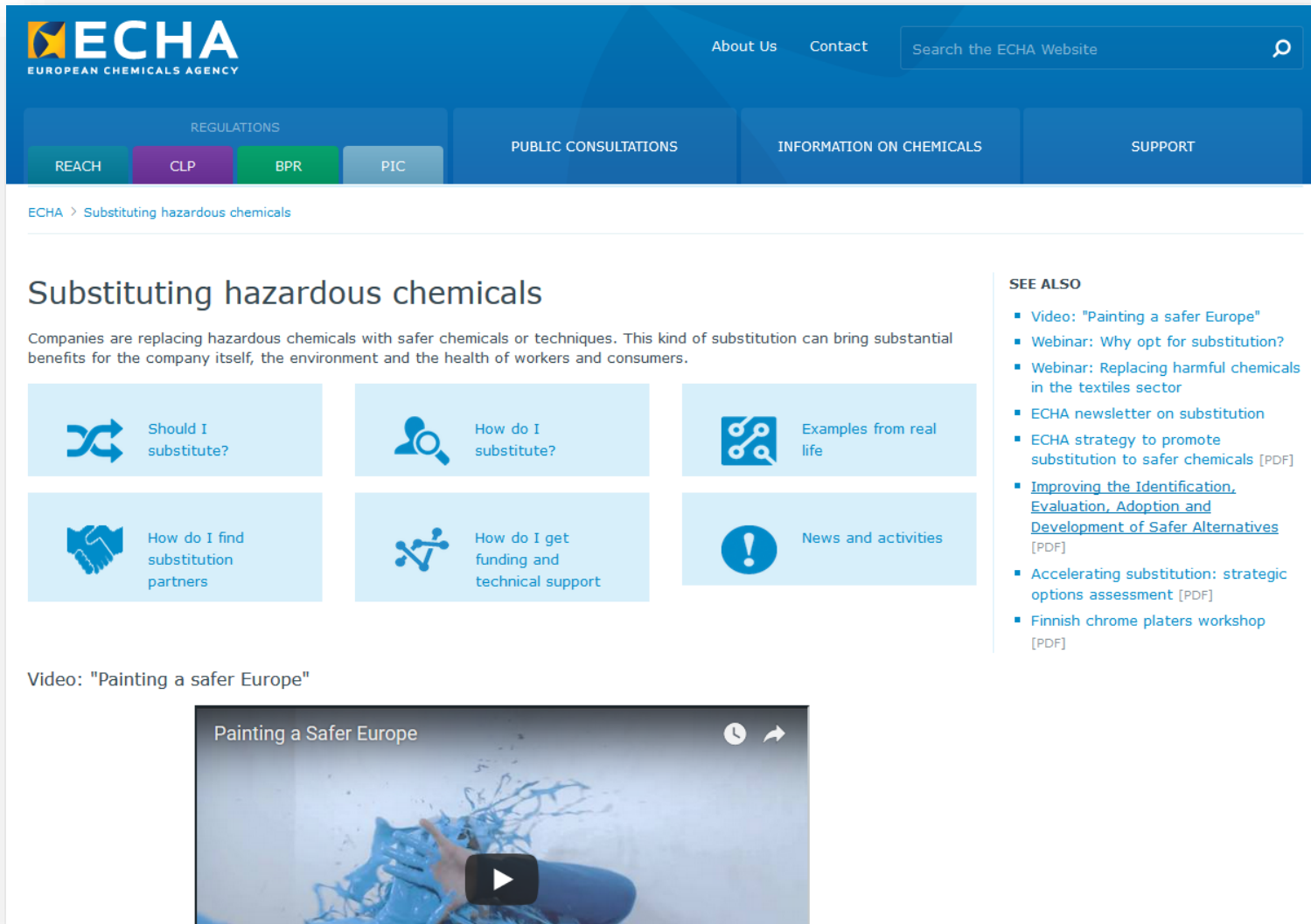
REACH and CLP data for sustainable substitution

- Which REACH and CLP data would be useful from a substitution perspective?
- Complete the [survey](#) if you want to participate in a workshop dedicated to this issue

Analysis of alternatives and substitution Networking

- Aim
 - Share experience
 - Enhance collaboration
- Multi-stakeholder networks
- Join our LinkedIn group: [Substitution to Safer Chemicals - European Information Sharing Network](#) to exchange news on substitution

New substitution pages









The screenshot shows the ECHA website interface. At the top left is the ECHA logo and name. To the right are links for 'About Us' and 'Contact', and a search bar labeled 'Search the ECHA Website'. Below this is a navigation bar with categories: 'REGULATIONS' (containing REACH, CLP, BPR, PIC), 'PUBLIC CONSULTATIONS', 'INFORMATION ON CHEMICALS', and 'SUPPORT'. The main content area is titled 'Substituting hazardous chemicals' and includes a brief introduction, six interactive tiles with icons and text, a 'SEE ALSO' section with a list of links, and a video player for 'Painting a Safer Europe'.

ECHA > Substituting hazardous chemicals

Substituting hazardous chemicals

Companies are replacing hazardous chemicals with safer chemicals or techniques. This kind of substitution can bring substantial benefits for the company itself, the environment and the health of workers and consumers.

-  Should I substitute?
-  How do I substitute?
-  Examples from real life
-  How do I find substitution partners
-  How do I get funding and technical support
-  News and activities

SEE ALSO

- Video: "Painting a safer Europe"
- Webinar: Why opt for substitution?
- Webinar: Replacing harmful chemicals in the textiles sector
- ECHA newsletter on substitution
- ECHA strategy to promote substitution to safer chemicals [PDF]
- [Improving the Identification, Evaluation, Adoption and Development of Safer Alternatives](#) [PDF]
- Accelerating substitution: strategic options assessment [PDF]
- Finnish chrome platers workshop [PDF]

Video: "Painting a safer Europe"

Painting a Safer Europe



More information

- [Our substitution strategy](#)
- [Newsletter article](#)
- Give your suggestions for webinar topics on substitution in the feedback form
- [Let us know](#) if you want to be contacted about substitution related topics and activities substitution@echa.europa.eu

Strategy to promote substitution to safer chemicals through innovation

January 2018

Article related to: REACH

Promoting substitution to safer chemicals through innovation



Substituting hazardous substances with safer alternatives, contributes to a non-toxic environment, a circular economy and promotes innovation, as well as sustainable production and consumption. ECHA's new substitution strategy aims to support companies to [replace substances of concern](#) with safer substances and technologies.

Moving away from chemicals of concern

REACH, CLP and the [Biocidal Products](#) regulations are designed to put pressure on and provide incentives for industry to try to replace hazardous substances with less harmful ones. By implementing these regulations successfully, ECHA directly and indirectly supports substitution.

ECHA's new strategy aims to boost the substitution of chemicals of concern throughout the EU in different ways. It aims to improve [access to ECHA data](#) and increase the capacity of Member States and stakeholders to carry out [analyses of alternatives](#) by offering support for innovation and by providing opportunities for networking.

Thank you!

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