



AN INVITATION TO GET INVOLVED

Jos J.J. de Lange- 22.10.2019 – Colloquium 'Gevaarlijke stoffen, zo pak je dat aan', Brussel

INHOUD PRESENTATIE

- De feiten
- Het momentum
- De strategie
- De animatie

- De oplossingen
- Het STOP-principe
- De factsheets

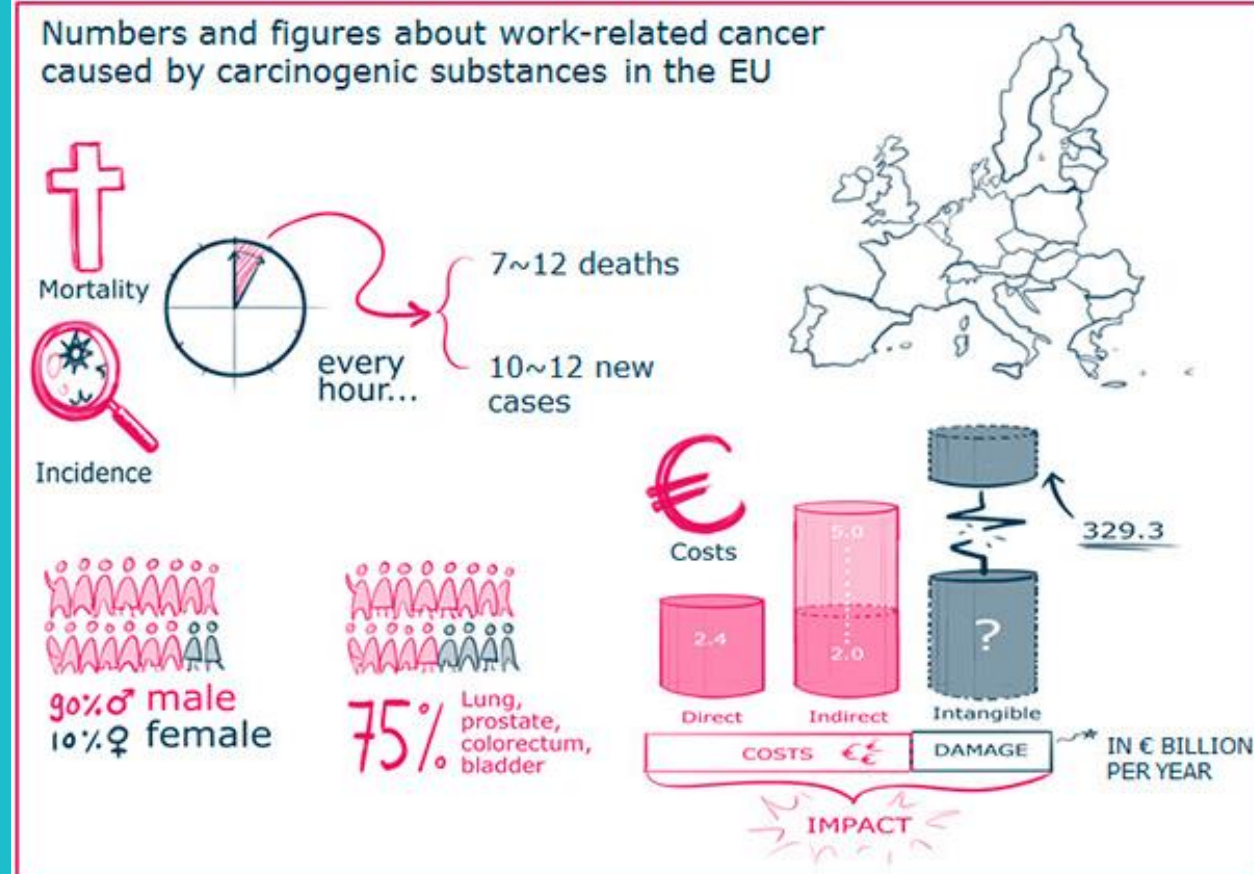
- De resultaten
- De uitdaging
- De uitnodiging

DE FEITEN

Ieder jaar sterven in Europa 100.000 mensen doordat ze op het werk zijn blootgesteld aan kankerverwekkende stoffen.

- 7-12 doden per uur
- 10-12 nieuwe kankerdiagnoses per uur

It is not just a problem of the past!



RECENTE ILO- DATA 2017

Source: J. Takala



Table 1 Rough division of occupational cancer by EU28 member states and subterritories within the EU in 2011 **And new ILO data released in 2017**

Country	Occupational cancer deaths	Country	Occupational cancer deaths	GDP in 2017
Andorra	17	Italy	11,057	10609
Austria	1820	Jersey	23	23
Bulgaria	1481	Latvia	510	491
Croatia	849	Lithuania	710	694
Cyprus	183	Luxembourg	110	98
Czech Republic	2326	Malta	80	75
Denmark	1285	Monaco	23	21
Estonia	303	Netherlands	3879	3721
Finland	1163	Poland	7874	7501
France	12,623	Portugal	2457	2371
Germany	18,180	Romania	4498	4233
Gibraltar	5	San Marino	10	0
Greece	1678	Slovakia	1211	1150
Greenland	13	Slovenia	446	442
Guernsey	13	Spain	10,248	9807
Hungary	1860	Sweden	2201	2103
Ireland	968	United Kingdom	14,082	13330
Isle of Man	18	Total EU	106,307	102,517



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AANDACHT VOOR ONGEVALLLEN VS. BEROEPS- ZIEKTEN



Steve Perkins

Chief Executive at BOHS

4mo



Here, as they say, is a 'handy infographic' to explain this and every years annual H&S statistics released by the HSE. At least 13,000 people die every year in the UK from work related causes and....

99% are disease deaths



1% are accident deaths

51 Likes · 6 Comments



HET MOMENTUM

Nederlandse conferentie 2016 'Preventing work-related cancer':

- Noodzaak tot meer ambitie
- Start van een nieuw initiatief: de "Roadmap on Carcinogens"

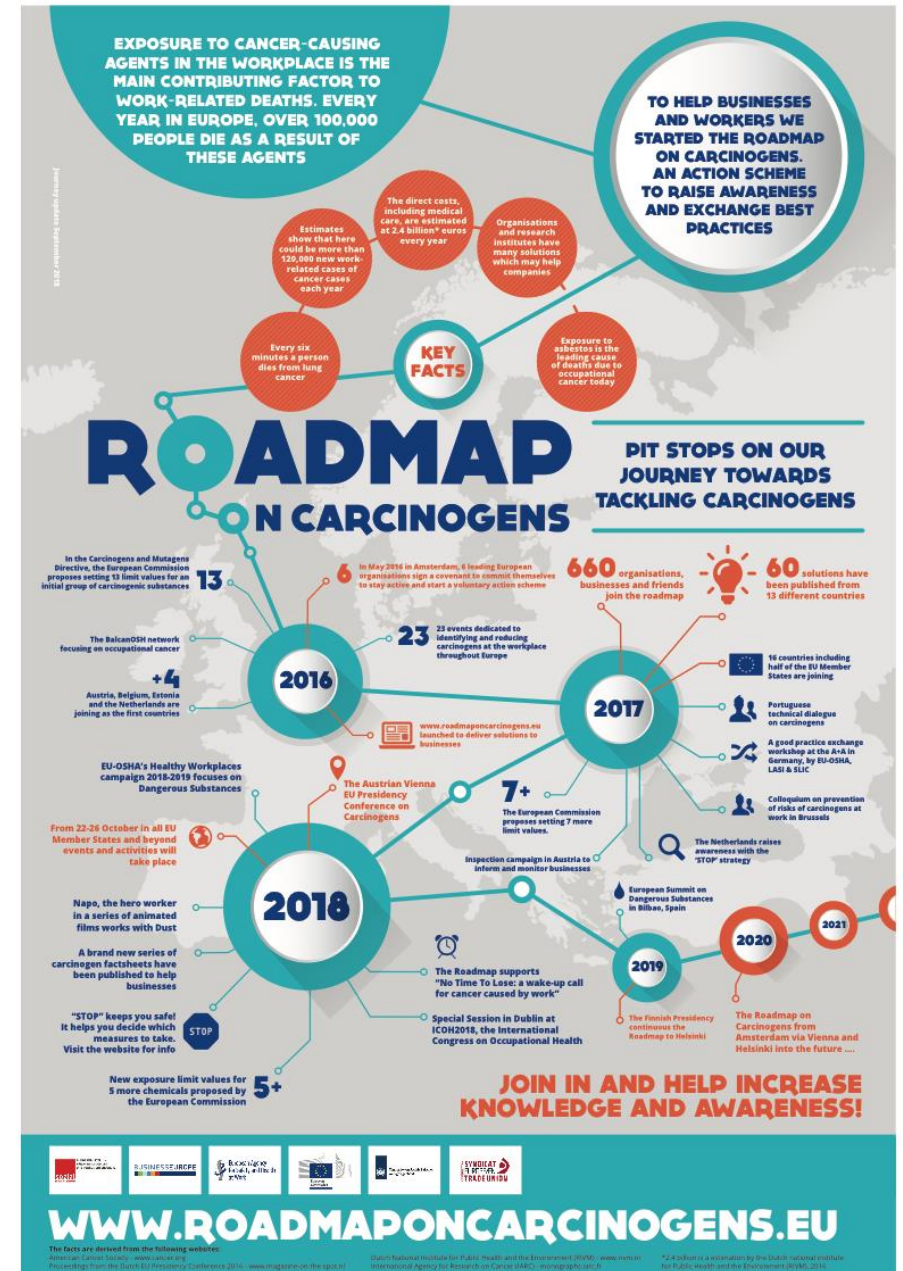
"Een vrijwillig actieprogramma gericht op bewustwording en de uitwisseling van oplossingen en goede praktijken"



DE STRATEGIE

Expeditie door Europa om blootstelling aan kankerverwekkende stoffen aan te pakken door het bewustzijn te vergroten en bedrijven en werknemers te helpen.

1. Een gemeenschap van vrienden opbouwen
2. Stakeholders betrekken met bijeenkomsten
3. Het leveren van feiten & cijfers
4. Verzamelen en publiceren oplossingen



DE ANIMATIE

Animatie 'Roadmap on carcinogens'.

- Officiële lancering van de roadmap door de 6 partners tijdens de NL-presidency conferentie in Mei 2016.



*Join in,
get active
and follow
the roadmap!*

<https://www.youtube.com/watch?v=yEjsSiMzvnU>

INHOUD PRESENTATIE

- **De feiten**

- **Het momentum**

- **De strategie**

- **De animatie**

- **De oplossingen**

- **Het STOP-principe**

- **De factsheets**

- **De resultaten**

- **De uitdaging**

- **De uitnodiging**

HULP AAN BEDRIJVEN: OPLOSSINGEN

Een breed spectrum aan:

- Oplossingen
- Goede Praktijken
- Aanpakken om blootstelling te voorkomen

Ook om te inspireren en duidelijk te maken dat het daadwerkelijk mogelijk is om te acteren!

Actueel 82 gepubliceerd (en groeiend) – Oktober 2019



OVERVIEW OF GOOD PRACTICES

GOOD PRACTICES

Katrin Arthaber, Labour Inspectorate

HOW THE GENERAL SITUATION CAN BE IMPROVED BY SEVERAL SINGLE MEASUREMENTS

Team Styria is one of the biggest Austrian sheltered employers with about 380 employees, among whom 70% are disabled. The site in Kapfenberg/Styria alone has...

[Read more](#)

📍 Austria

Marek Konstańczak, Production Manager, Barlinek Inwestycje Sp. z o.o.

ELIMINATION OF RISKS ARISING FROM EXPOSURE TO CHEMICAL SUBSTANCES AND REDUCTION OF EXPOSURE TO WOOD DUST AND NOISE IN THE TIMBER INDUSTRY

Barlinek S.A. produces domestic and exotic wood flooring products. Roughly 1400 people are employed in this timber company. In 2000, it launched a programme to...

[Read more](#)

📍 Poland 🏭 Manufacturing

Jyrki Tiihonen, Kiilto OY

CONTROLLING WORKER EXPOSURE TO CHEMICALS DURING ADHESIVE MANUFACTURING

Kiilto OY develops and manufactures adhesives and related products and systems for all kinds of construction, renovation, and industrial purposes and produces cleaning chemicals. Kiilto uses numerous...

[Read more](#)

FILTER

All substances ▾

All professions ▾

All sector/branches ▾

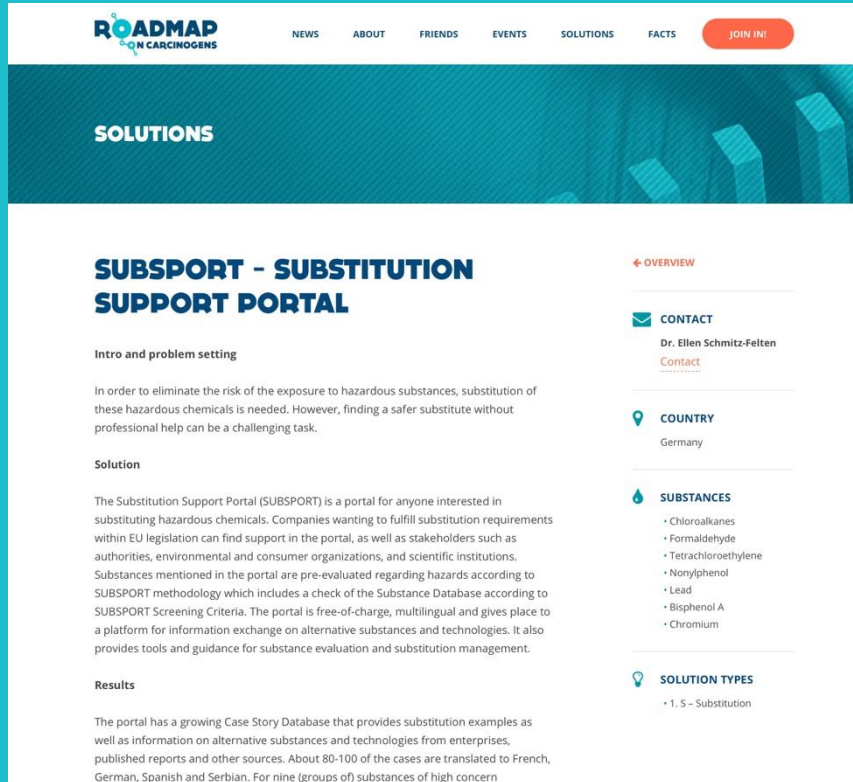
All solution types ▾

All countries ▾

SHARE
YOUR GOOD
PRACTICE

ADD SOLUTION

ENKELE VOORBEELDEN



ROADMAP ON CARCINOGENS NEWS ABOUT FRIENDS EVENTS SOLUTIONS FACTS [JOIN IN!](#)

SOLUTIONS

SUBSPORT - SUBSTITUTION SUPPORT PORTAL

OVERVIEW

- CONTACT**
Dr. Ellen Schmitz-Felten
[Contact](#)
- COUNTRY**
Germany
- SUBSTANCES**
 - Chloroalkanes
 - Formaldehyde
 - Tetrachloroethylene
 - Nonylphenol
 - Lead
 - Bisphenol A
 - Chromium
- SOLUTION TYPES**
 - 1.5 - Substitution

Intro and problem setting

In order to eliminate the risk of the exposure to hazardous substances, substitution of these hazardous chemicals is needed. However, finding a safer substitute without professional help can be a challenging task.

Solution

The Substitution Support Portal (SUBSPORT) is a portal for anyone interested in substituting hazardous chemicals. Companies wanting to fulfill substitution requirements within EU legislation can find support in the portal, as well as stakeholders such as authorities, environmental and consumer organizations, and scientific institutions. Substances mentioned in the portal are pre-evaluated regarding hazards according to SUBSPORT methodology which includes a check of the Substance Database according to SUBSPORT Screening Criteria. The portal is free-of-charge, multilingual and gives place to a platform for information exchange on alternative substances and technologies. It also provides tools and guidance for substance evaluation and substitution management.

Results

The portal has a growing Case Story Database that provides substitution examples as well as information on alternative substances and technologies from enterprises, published reports and other sources. About 80-100 of the cases are translated to French, German, Spanish and Serbian. For nine (groups of) substances of high concern



SUBSPORT
Substitution Support Portal

MOVING TOWARDS SAFER ALTERNATIVES

Toggle menu



SUBSPORT - SUBSTITUTION SUPPORT PORTAL

Welcome to SUBSPORT the Substitution Support Portal!

Here you can find information to support your efforts in substituting hazardous substances. Enjoy exploring the portal and please do not hesitate to **contact** the project team for any comments or questions.

SUBSPORT is an ongoing project. Therefore we recommend to revisit the portal from time to time if you could not yet find the information you expected.

Latest News

GreenScreen® is 10 years old!

Publications & tools | 31.03.2017

GreenScreen® for Safer Chemicals was launched in 2007 and has become a widely recognised tool for assessing chemical hazards, identifying chemicals of concern, and selecting safer chemicals. It is a method of comparative Chemical Hazard Assessment that can be used for identifying chemicals of high concern and safer alternatives.

[Read more](#)

Support for Substitution

Substitution of hazardous chemicals is a fundamental measure to reduce risks to environment, workers, consumers and public health.

Legislation encourages you to substitute, this site will show you how.

[Read more](#)

Substitution Steps

Substitution may be fast and easy or a more complex process. Generally it includes the following steps:

1. Define the problem
2. Set substitution criteria
3. Search for alternatives
4. Assess and compare alternatives
5. Experiment on pilot
6. Implement and improve

[Read more](#)

Search SUBSPORT

Website
 Restricted and priority substances database+ [link](#)
 Case story database = [link](#)

[- Overview](#)

Your contribution

[Provide substitution examples](#)
[Provide feedback](#)

Training

[Alternatives identification and assessment](#)

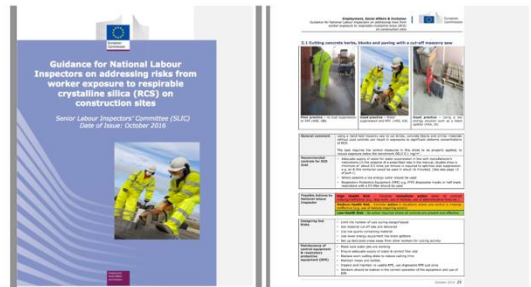
ROADMAP ON CARCINOGENS

SOLUTIONS

RESPIRABLE CRYSTALLINE SILICA ON CONSTRUCTION SITES

The European Commission's Senior Labour Inspectors' Committee (SLIC) launched its Guidance for National Labour Inspectors on Thursday 27 October 2016 in The Hague, the Netherlands. Its purpose is to help Labour Inspectors address the risks workers face when they are exposed to respirable crystalline silica (RCS) on construction sites.

The document, developed by SLIC's working group on chemicals, CHEMEX, includes sections on why RCS is a health risk, the EU regulatory framework and practical information. This includes the hierarchy of control plus important examples of relevant control measures. Together with 14 task sheets it focusses on the highest priority RCS risks on construction sites. In putting together this guidance the working group considered the practices of hundreds of inspectors from the 28 member states of the European Union.



[Further information](#)

← OVERVIEW

✉ CONTACT

SLIC CHEMEX Working Group

SLIC - Senior Labour Inspectors Committee

[Contact](#)

📍 COUNTRY

Europe

💧 SUBSTANCES

- Silica

📁 SECTOR / BRANCHE

- Construction

💡 SOLUTION TYPES

- 1. S – Substitution
- 2. T – Technical measurements
- 3. O – Organizational measurements
- 4. P – Personal protection

← OVERVIEW

✉ CONTACT

Inda Matisane

[Contact](#)

📍 COUNTRY

Latvia

💧 SUBSTANCES

Asbestos
Dust

📁 SECTOR / BRANCHE

Agriculture, forestry and fishing
Mining and quarrying
Manufacturing
Electricity, gas, steam and air conditioning supply
Water supply; sewerage, waste management and remediation activities
Construction
Wholesale and retail trade; repair of motor vehicles and motorcycles
Transportation and

← OVERVIEW

✉ CONTACT

Jyrki Tiihonen

Giito OY

[Contact](#)

📍 COUNTRY

Finland

📁 SECTOR / BRANCHE

• Manufacturing

💡 SOLUTION TYPES

- 1. S – Substitution
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✉ CONTACT

Ilkka Mäkelä

Ilkka Oy

[Contact](#)

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📁 SECTOR / BRANCHE

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GEREEDSCHAP OM STOFVRIJ TE WERKEN

Fijnstof is schadelijk, vooral wanneer het kankerverwekkende stoffen zoals respirabel kristallijn silica (RCS), hardhout, chroom en nikkel bevat

- Ongeveer 200 "stofvrij"-gereedschappen zijn getest en gevalideerd!



Home > Tools

TOOLS

Search a product

330 products found Page 1 of 9 Sort on: -- Sort on --

 HIKOKI vacuum cleaner RP300YDL in combination with several drills 8 hours	 HIKOKI circular saw C3606 with HIKOKI vacuum cleaner 250YDL 2 hours 4 hours	 HIKOKI vacuum cleaner RP250YDL in combination with several drills 8 hours	 HIKOKI rotary hammer DH28PD with integrated dust extraction 1 hour 2 hours
 HIKOKI angle grinder G13SB3 with HIKOKI collection unit and vacuum cleaner RP250YDM 4 hours 7 hours	 HIKOKI angle grinder G13SB3 with Dusttool collection unit and vacuum cleaner RP250YDM 4 hours 6 hours	 HIKOKI vacuum cleaner RP350YDM in combination with angle grinder 5 hours 8 hours	 HIKOKI vacuum cleaner RP500YDM in combination with angle grinder 2 hours 4 hours
 HIKOKI vacuum cleaner RP250YDM in combination with angle grinder 2 hours 4 hours	 HIKOKI rotary hammer DH28PC with dust extraction adapter and vacuum cleaner RP250YDM 8 hours	 HIKOKI angle grinder G13SB3 with Dusttool collection unit for natural stone and vacuum cleaner RP250YDM 1 hour 2 hours	 Husqvarna vacuumcleaner S26 with angle grinder 8 hours
 Husqvarna vacuumcleaner S26 with concrete grinding machine and Holer dust shroud 8 hours	 Husqvarna vacuumcleaner S13 with concrete grinding machine and Holer dust shroud 2 hours 4 hours	 Husqvarna vacuumcleaner S26 with angle grinder 8 hours	 Husqvarna vacuumcleaner S13 with angle grinder 8 hours

VERHOGEN BEWUSTZIJN

Het STOP-principe:

- Welke maatregelen in welke volgorde te nemen
- En eenvoudig te onthouden—
STOP keeps you safe!





SUBSTITUTIE



- Vervang gevaarlijke stoffen door minder gevaarlijke.
- **Substitutie** is altijd de eerste maatregel die onderzocht moet worden.



TECHNISCHE MAATREGELEN



- Van afgesloten systemen tot effectieve luchtafzuiging; veel technieken helpen om de blootstelling aan kankerverwekkende stoffen fors te verminderen.
- En omdat technieken zelfs automatisch werken en ze iedereen in uw omgeving veilig houden, zijn ze een belangrijke stap



ORGANISATORISCHE MAATREGELEN

- Heb je die deur dichtgedaan en dat deksel dichtgehouden? Is uw werkplek regelmatig netjes en schoon? Wast iedereen zijn handen en gezicht voordat hij gaat eten en drinken?
- Denk ook aan maatregelen om de blootstellingsduur te verminderen of het aantal werknemers te minimaliseren.





PERSOONLIJKE BESCHERMING



- Soms is vervanging niet mogelijk en zijn technische en organisatorische maatregelen niet voldoende. Dan moet u persoonlijke bescherming gebruiken.
- Persoonlijke bescherming helpt kankerverwekkende stoffen weg te houden van longen en huid.

FACTSHEETS

Maken per stof duidelijk

- Wat het probleem is,
- Bij welk werk de risico's vóórkomen,
- Symptomen en hoe ze u kunnen beïnvloeden,
- Wat uzelf kunt doen

Geven toegang tot de gepubliceerde oplossingen op de website van de roadmap.



MEER FACTSHEETS

- Nieuwste badge factsheets (eind september 2019)
- Algemeen hoe veilig om te gaan met kankerverwekkende stoffen op het werk, zoals het STOP-principe (de hierarchie van te nemen maatregelen)
- Taalversies mogelijk, FoP's leveren vertalingen



ACRYLAMIDE

DOWNLOAD THE FACTSHEET:

- English
- српски
- Czech
- Eesti keel
- Hrvatski
- Lietuviškai
- Македонски
- Nederlands
- Norsk
- Polskie
- Português
- Slovenščina
- Suomi

THE FACTS

ACRYLAMIDE

ASBESTOS

BENZENE

BERYLLIUM

CADMIUM

CHROMIUM VI

DIESEL ENGINE EXHAUST

ETHYLENE OXIDE

FORMALDEHYDE

HARDWOOD DUST

HYDRAZINE

LEAD

NICKEL

PAHS

SILICA DUST

TRICHLOROETHYLENE

VINYL CHLORIDE

WELDING FUMES

HOW SYMPTOMS CAN AFFECT YOU

WHAT YOU CAN DO

SOLUTIONS AND GOOD PRACTICES:

[here to view our good practices on Acrylamide](#)

DE 'STOP' - ANIMATIE

- Aanpak van werkgerelateerde blootstelling aan kankerverwekkende stoffen.
- Onderdeel van de Oostenrijkse voorzitterschapsconferentie in september 2018.



PREVENT EXPOSURE

We need to prevent exposing our workers to these carcinogens at work.

https://www.youtube.com/watch?v=wRuI-_HfRD4

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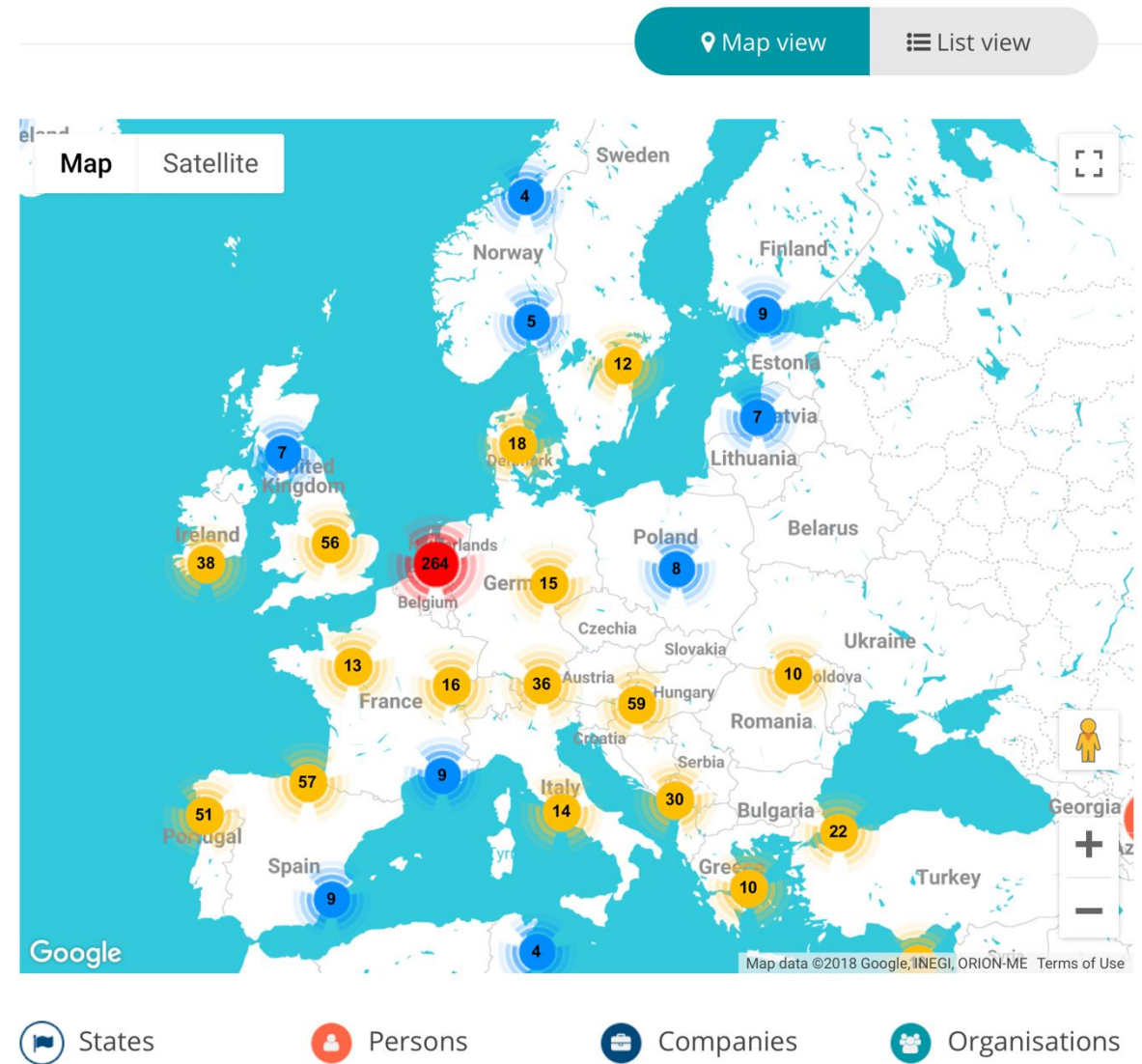
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DE RESULTATEN – TOT NU

- Lancering van een speciale website: www.roadmaponcarcinogens.eu
- 1002 vrienden: individuele personen, organisaties, bedrijven en 17 Europese landen (oktober 2019)
- 150 bijeenkomsten
- 82 oplossingen gepubliceerd
- 18 factsheets + set algemene



EU-OSHA' S GOEDE PRAKTIJKEN COMPETITIE

**NL-winnaar: Akkerbouwer
Mansholt met 'Pak stof aan'**

NIEUWE EUROPESE GRENSWAARDEN VOOR KANKER- VERWEKKENDE STOFFEN!!

Proces ingezet in 2016

Worden in 'waves' voorgesteld en
onderhandeld; 3 waves voltooid (23
stoffen?)

Inzet nieuwe Europese Commissie?



TE TERMIJN ROADMAP EINDIGT EIND 2019

Partijen willen voortzetting

Finland neemt stokje over
en andere landen staan te
popelen ...

DE UITDAGING

Om verdere resultaten te behalen heeft de Roadmap

- uw innovatieve ideeën,
- uw oplossingen,
- uw netwerk!

nodig.



DE UITNODIGING

Join in: word vriend, sluit je aan en blijf op de hoogte

Get active: organiseer bijeenkomsten of activiteiten en laat je inspireren door die van anderen

Help each other: deel je oplossing, goede praktijk of aanpak!



JOIN IN!





**CONTACT US,
WE OFFER
ASSISTANCE:**

info@roadmaponcarcinogens.eu