



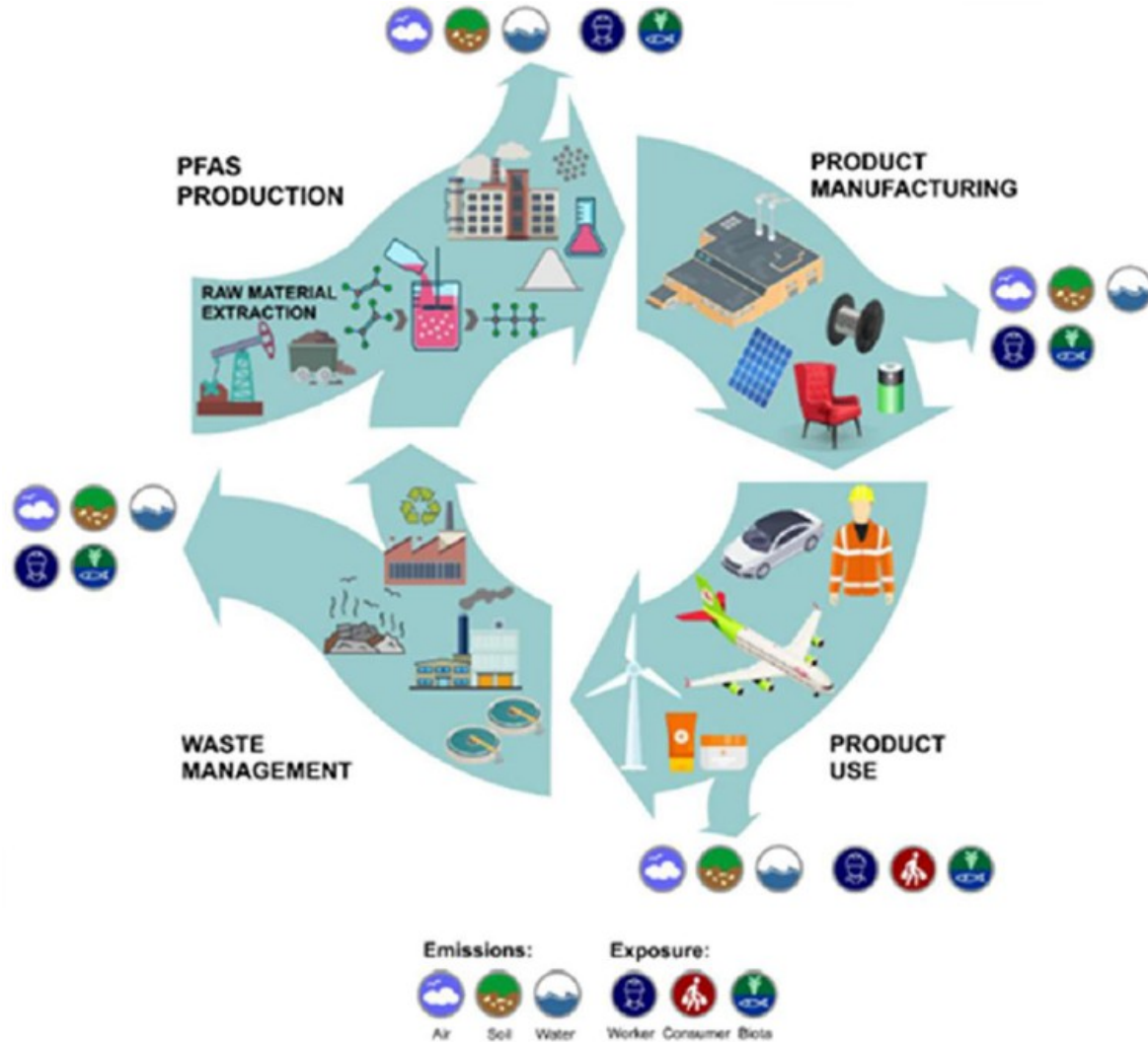
Agenzia nazionale per le nuove tecnologie,
l'energia e lo sviluppo economico sostenibile

Il Regolamento REACH

Il percorso europeo per regolamentare le sostanze perfluoroalchiliche nei settori produttivi

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IL CICLO DI VITA DEI PAS



TONNELLAGGIO STIMATO UE (2020)

ANNEX XV RESTRICTION REPORT – Per- and polyfluoroalkyl substances (PFASs)

Table A.10. Estimated tonnages for PFAS manufacture and major PFAS use sectors for 2020. Tonnages are for new products on the market, unless stated otherwise.

Application	PFAAs and PFAA precursors (t/y)			Fluorinated gases (t/y)			Polymeric PFASs (t/y)			Total PFASs (t/y)		
	low	mid	high	low	mid	high	low	mid	high	low	mid	high
Manufacture	53 902	85 977	118 051	15 000	95 774	176 548	49 000	75 381	101 763	117 902	257 132	396 362
TULAC ^b	8 092	20 620	33 148				33 091	71 318	109 544	41 183	91 938	142 692
Food contact materials and packaging	3 267	6 305	9 342				15 330	17 880	20 430	18 597	24 185	29 772
Metal plating and manufacture of metal products	2	30	57				960	960	960	962	990	1 017
Consumer mixtures										21	26	30
Cosmetics										0.028	32.1	64.2
Ski wax										1.6	1.6	1.6
Applications of fluorinated gases ^{c,d}				<i>493 173</i> <i>30 671</i>	<i>493 173</i> <i>30 671</i>	<i>493 173</i> <i>30 671</i>				<i>493 173</i> <i>30 671</i>	<i>493 173</i> <i>30 671</i>	<i>493 173</i> <i>30 671</i>
Medical devices	1 279	2 387	3 495	20 160	33 080	46 000	3 233	7 633	12 032	24 672	43 100	61 527
Transport ^e							<i>97 216</i> <i>6 410</i>	<i>159 712</i> <i>10 532</i>	<i>222 208</i> <i>14 653</i>	<i>97 216</i> <i>6 410</i>	<i>159 712</i> <i>10 532</i>	<i>222 208</i> <i>14 653</i>
Electronics and semiconductors	841	1 195	1 549	140	140	140	1 560	3 088	4 615	2 541	4 423	6 304
Energy sector	293	294	294				2 592	2 756	2 920	2 885	3 050	3 214
Construction products	987	1 696	2 405				4 254	7 287	10 320	5 241	8 983	12 725
Lubricants	1	6	10	70	110	150	1 100	1 550	2 000	1 171	1 666	2 160
Petroleum and mining	4.4	7	9.5				3 500	5 500	7 500	3 504	5 507	7 510
TOTAL (excl. manufacture)^e	14 766	32 540	50 310	513 543	526 503	539 463	162 836	277 684	392 529	691 168	836 787	982 398
Total ^f	14 766	32 540	50 310	51 041	64 001	76 961	72 030	128 504	184 974	137 860	225 105	312 341

a: In some cases a basis for providing a range is lacking. There the available estimate is applied throughout; b: TULAC = Textile, upholstery, leather, apparel and carpets; c: For these sectors the tonnages relate to "technical stock volume" (presented in italics), representing an estimated 2020 PFAS volume in use in the sector as a whole. For reference only, the tonnages brought new to market in 2020 are also given; d: Includes tonnages for fluorinated gases in transport sector; e: Total based on best available data (stock if available, new to market if stock is not available); f: For reference only, also the total new manufactured tonnage put on market in 2020 is presented.

Tessili



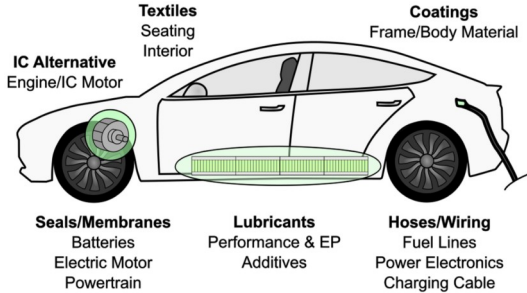
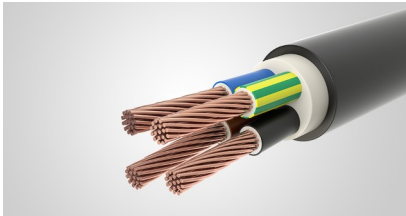
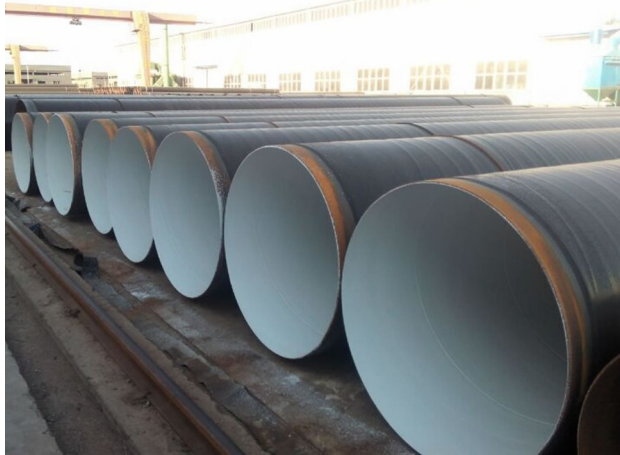
Materiali a contatto con gli alimenti



Dispositivi medici

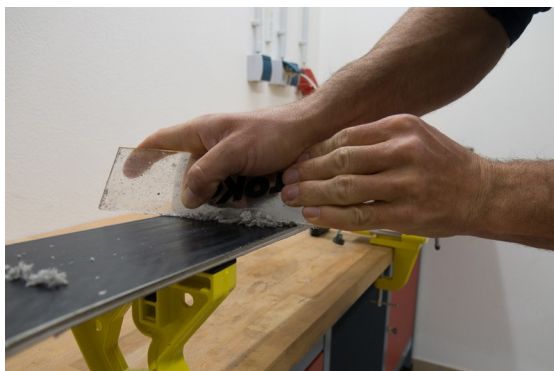


Prodotti per l'edilizia e trasporti

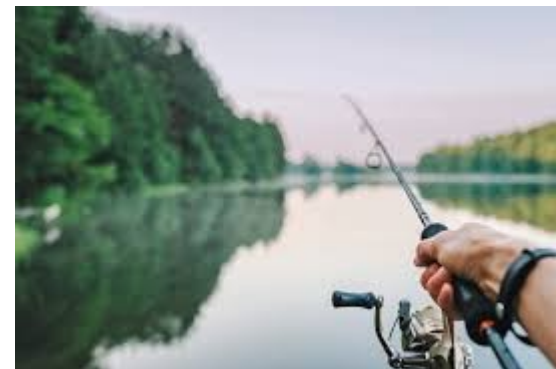


Varie

Sciolina



Lenze da pesca



Schiume antincendio



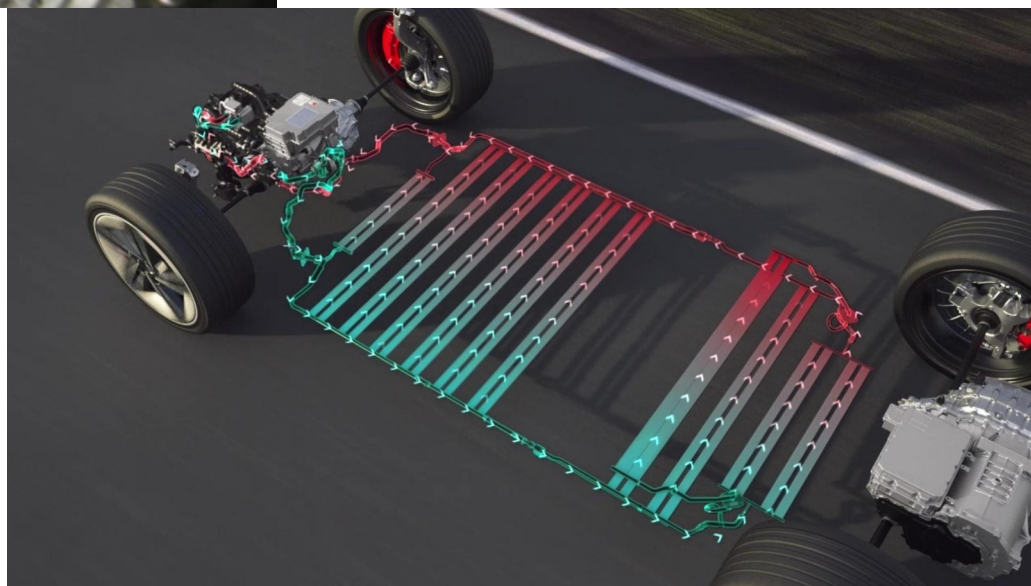
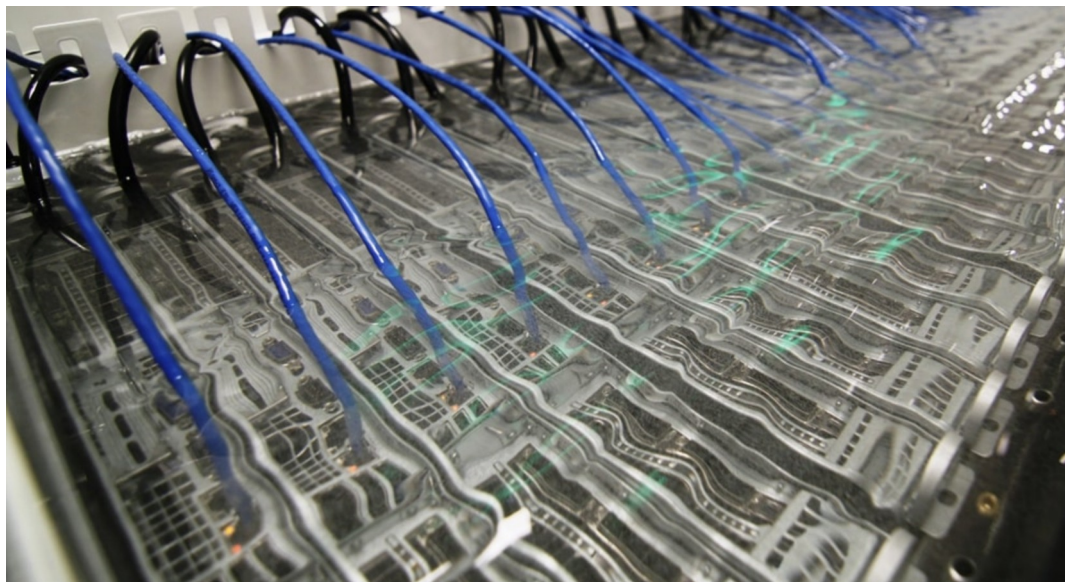
Corde per strumenti musicali



Brillantanti



Raffreddamento



REGOLAMENTI EUROPEI VINCOLANTI

Convenzione di Stoccolma (globale) -> **Regolamento POP - Persistent Organic Pollutants**

2009 - PFOS, acido perfluorottano sulfonico e i suoi derivati

2020 - PFOA, acido perfluorooctanoico, suoi sali e composti correlati

2023 - PFHxS suoi sali e composti correlati

Futuro - C9-21 PFCA, acidi carbossilici perfluorurati a catena lunga, sono in fase di valutazione

Regolamento REACH

Febbraio 2023 - restrizione C9-14 PFCA, acidi perfluorocarbossilici, loro sali e sostanze correlate

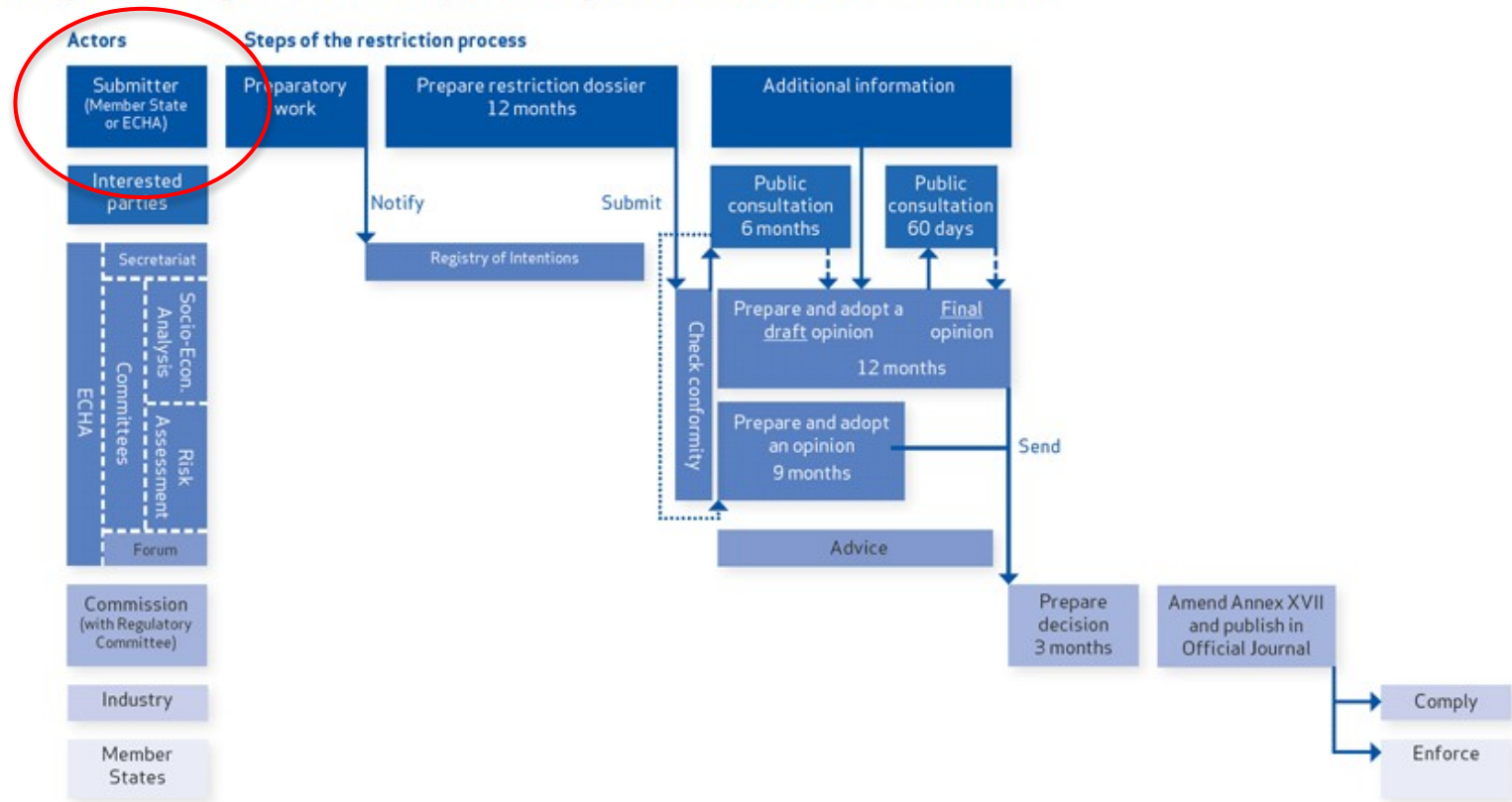
Aprile 2026 - restrizione PFHxA, acido undecafluoroesanoico, suoi sali e sostanze correlate

Futuro – restrizione schiume antincendio e Universal PFAS

LA RESTRIZIONE REACH

Processo di restrizione

Il processo di restrizione comprende vari attori e fasi. Il diagramma che segue illustra la struttura del processo. Cliccando in corrispondenza degli attori o di fasi specifiche si possono ottenere ulteriori informazioni.



LA RESTRIZIONE REACH

Table 7. Restriction options (ROs) assessed.

Restriction option (RO)	Transition period before RO takes effect	Duration of derogation
RO1: Full ban	18 months	Not applicable
RO2: Ban with use-specific derogations		5 years after transition period ends
		12 years after transition period ends
	Time-unlimited (only for specific uses)	

ANNEX XV RESTRICTION REPORT



RAC

Comitato per la valutazione dei rischi



SEAC

Comitato per l'analisi socioeconomica

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Restrizione

[Procedura di restrizione](#)[Attività dell'ECHA sulle restrizioni](#)[Elaborazione di una proposta di restrizione](#)[Consultazioni](#)[Informazioni sulle sostanze registrate](#)

Consultazioni

Le proposte di restrizione (formulate in una relazione di proposta di restrizione a norma dell'allegato XV) e i progetti di parere del SEAC sono soggetti a consultazione. Inoltre, l'ECHA pubblica inviti a presentare osservazioni e dati oggettivi nella fase preparatoria della proposta di restrizione e sui vari documenti che sta predisponendo in materia di restrizioni, quali relazioni sulle sostanze presenti negli articoli e orientamenti sulle voci relative a restrizioni.

Le parti interessate che possono voler presentare osservazioni sono imprese, organizzazioni che rappresentano l'industria o la società civile, singoli cittadini e autorità pubbliche. Sono gradite osservazioni provenienti dai paesi dell'UE e dai paesi terzi.

RELATED

- [Submitted restrictions under consideration](#)
- [Calls for comments and evidence](#)



<https://echa.europa.eu/it/consultations-restrictions-related>

INFORMARSI

An agency of the European Union Accedi italiano (it)

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LEGISLAZIONE CONSULTAZIONI **RICERCA DI SOSTANZE CHIMICHE** ASSISTENZA

ECHA > RICERCA DI SOSTANZE CHIMICHE > Registry of restriction intentions until outcome

Registry of restriction intentions until outcome

The registry of restriction intentions until outcome lists the intentions and Annex XV restriction proposals received by ECHA.

A restriction proposal may be prepared by a Member State or by ECHA at the request of the Commission or on its own initiative for substances in the Authorisation List. It is a legal requirement for a Member State to notify ECHA of its intention to prepare a restriction dossier. The advance notice enables interested parties to plan and prepare for commenting later on.

Interested parties can follow the progress of a proposal through the restriction process, from the notification of the intention to the adoption of the final opinions by the Committee for Risk Assessment (RAC) and the Committee for Socio-economic Analysis (SEAC), and the adoption of the restriction by the European Commission.

Stakeholders are encouraged to submit any relevant information to the dossier submitters during the preparation of the restriction proposal and during the consultations. Information to motivate any exemptions to the scope described in the intention is particularly useful to receive in the preparatory phase of the dossier.

Last updated 02 dicembre 2024. Database contains 50 unique substances/entries.

[Filter the list](#)

Substance name	EC / List no	CAS no	Status	Expected date of submission	Submitter(s)	Details on the scope of restriction	Latest update
Per- and polyfluoroalkyl substances (PFAS)	-	-	Opinion development	13-gen-2023	<ul style="list-style-type: none">GermanyDenmarkNetherlandsNorwaySweden	Restriction on the manufacture, placing on the market and use of PFASs.	11-gen-2024

SEE ALSO

- Submitted restrictions under consideration
- Substances restricted under REACH
- Support on restriction

[See a problem or have feedback?](#)

Date of intention	15-aug-2021
Expected date of submission	13-gen-2023
Withdrawal date	
Reason for withdrawal	
Start of Call for Evidence consultation	19-aug-2021
Deadline for comments on the Call for Evidence	17-ott-2021
Start of second Call for Evidence consultation	
Deadline for comments on the second Call for Evidence	
Start of third Call for Evidence consultation	
Deadline for comments on the third Call for Evidence	
Restriction report (and annexes)	<ul style="list-style-type: none">Annex AAnnex BAnnex CAnnex DAnnex EAnnex FAnnex GAnnex HAnnex IAnnex JAnnex KAnnex LAnnex MAnnex NAnnex OAnnex PAnnex QAnnex RAnnex SAnnex TAnnex UAnnex VAnnex WAnnex XAnnex YAnnex Z
Information note on restriction report	Info Note
Start of Annex XV report consultation	22-mar-2023
1st deadline for comments on Annex XV report	

Grazie per l'attenzione!

Sabrina Moro Iacopini

