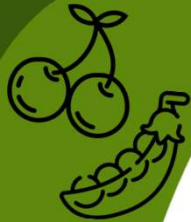


SPECIALITY CROPS



AVAILABILITY OF ACTIVE SUBSTANCES IN THE EU

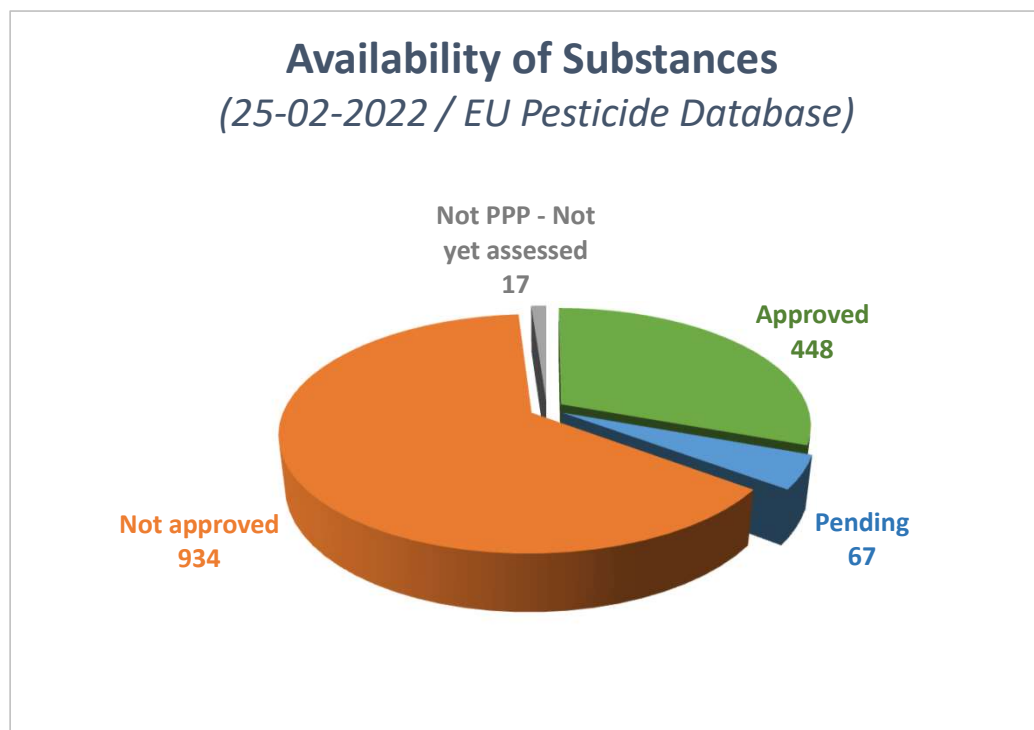


HEG
VIRTUAL MEETING
4 MARCH 2022

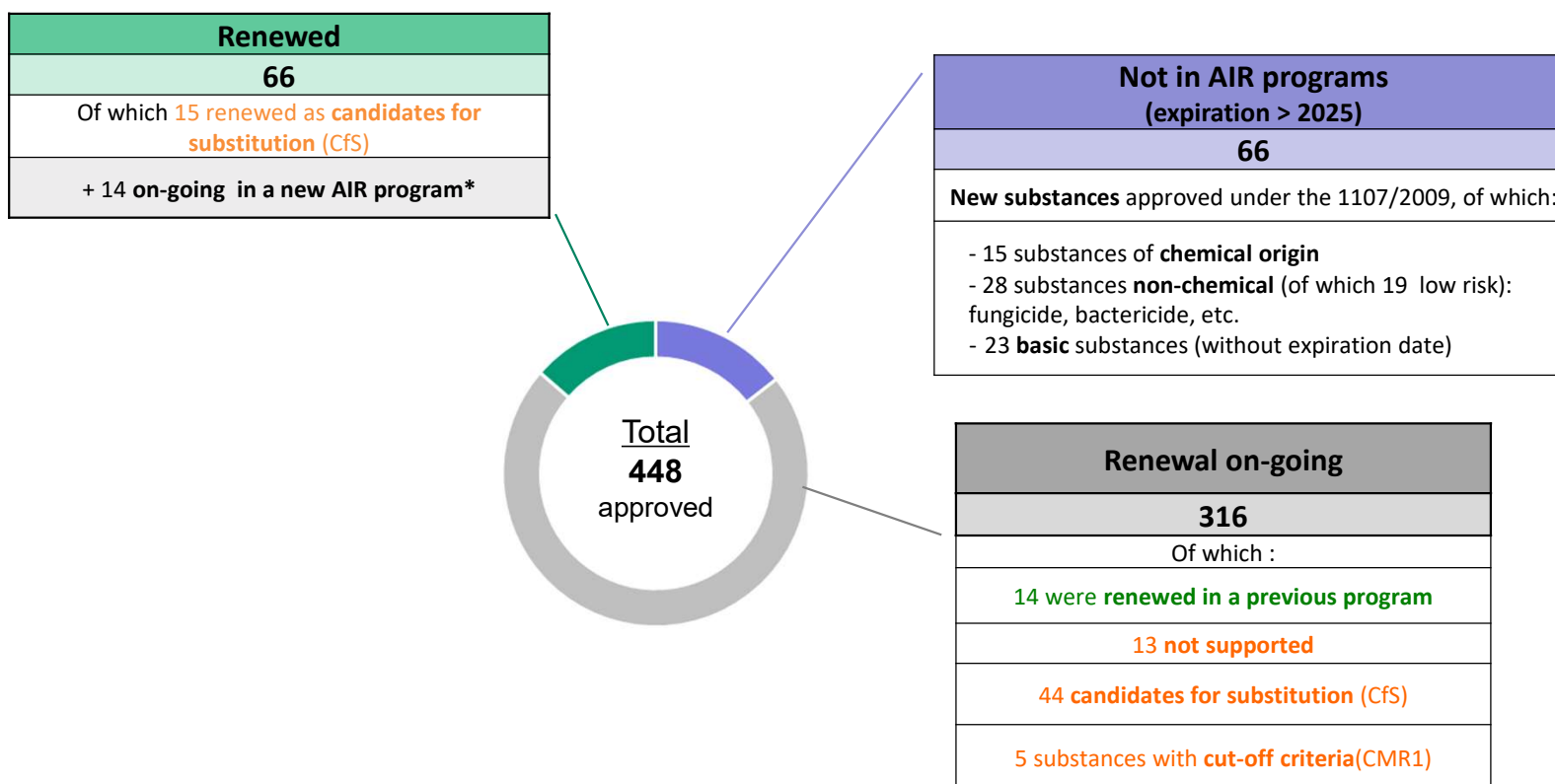
ANNE CHAPELLE & JEAN-CLAUDE MALET (DGAL, FR)

AVAILABILITY OF SUBSTANCES IN EU

UNDER REG 1107/2009



AVAILABILITY OF SUBSTANCES IN EU UNDER REG 1107/2009



*AIR program = « Active Ingredient Renewal » program

https://ec.europa.eu/food/plants/pesticides/approval-active-substances/renewal-approval_en

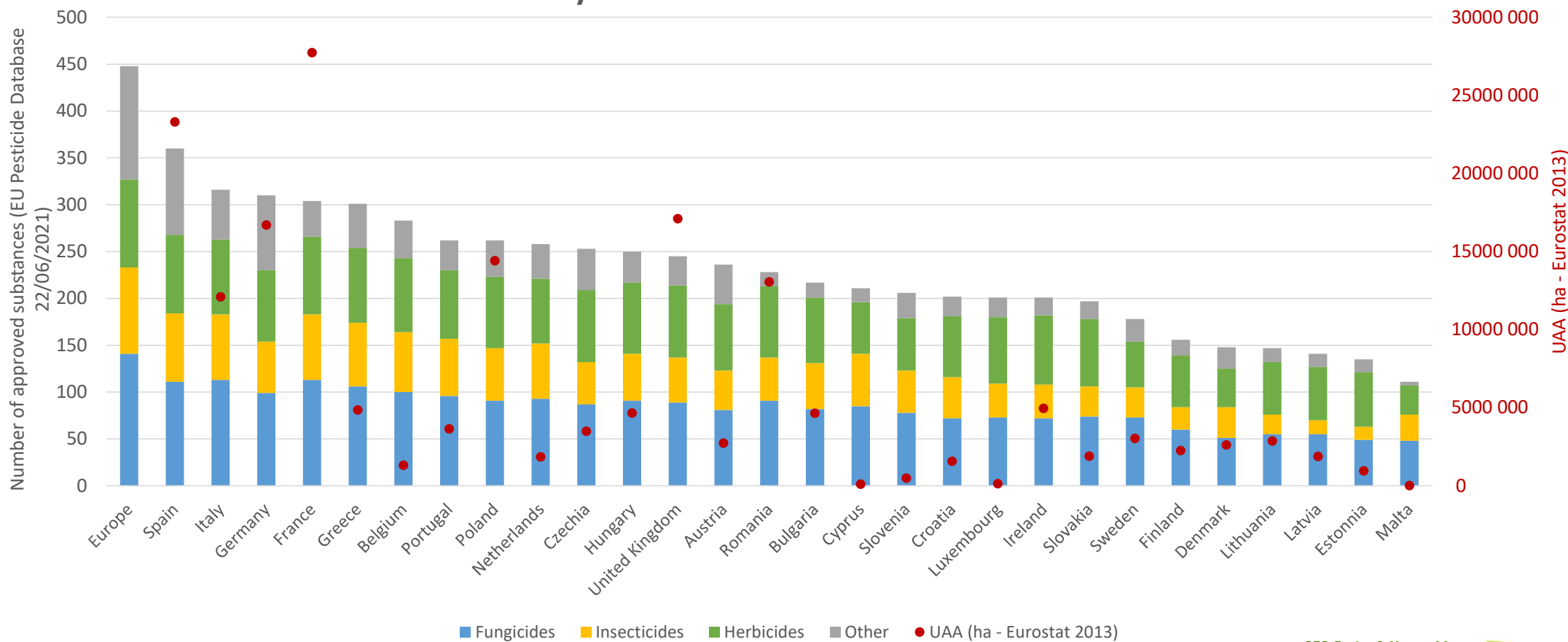


AVAILABILITY OF SUBSTANCES IN THE EU

UNDER REG 1107/2009



Availability of active substances in Member States



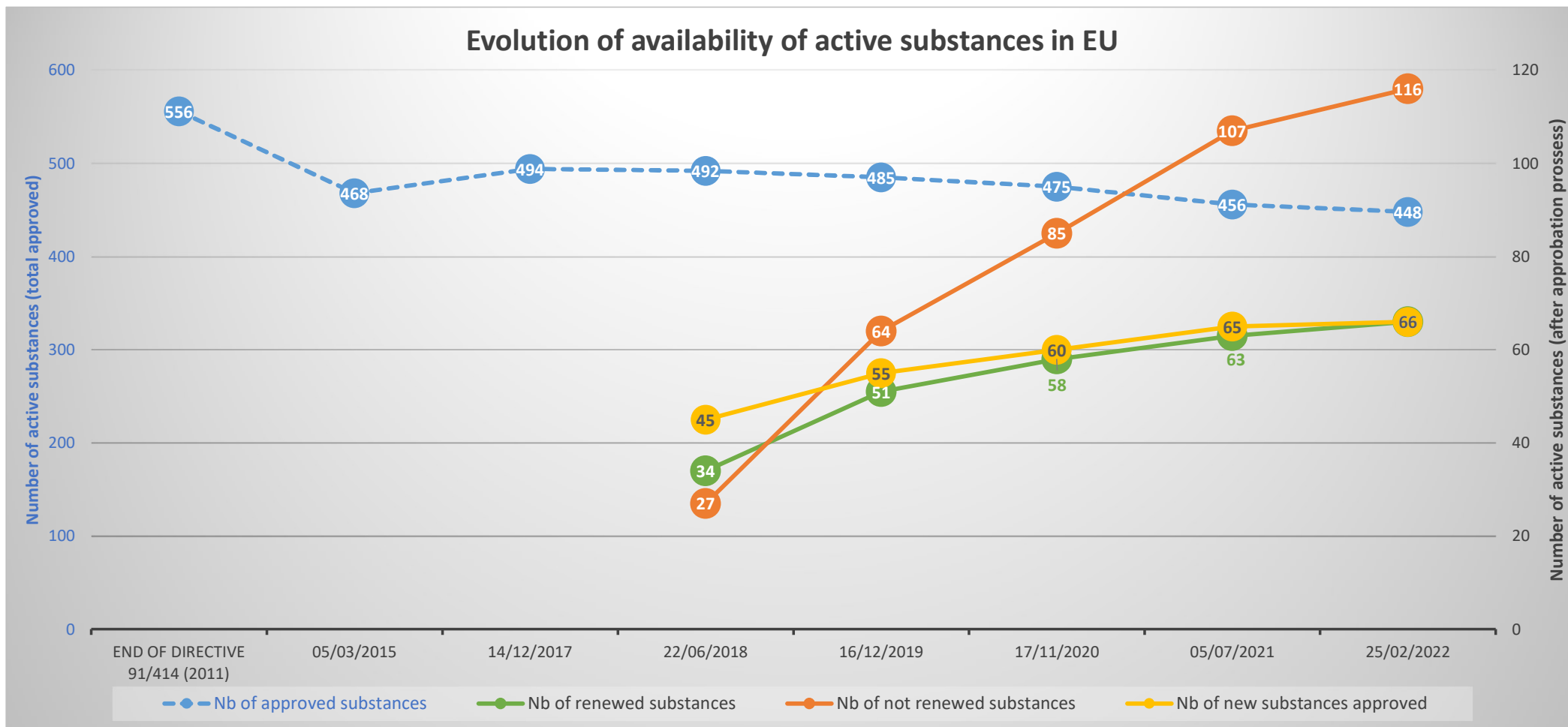
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CEG Fruits & Vegetables
2-3/03/2022



EVOLUTION OF AVAILABILITY OF SUBSTANCES IN EU

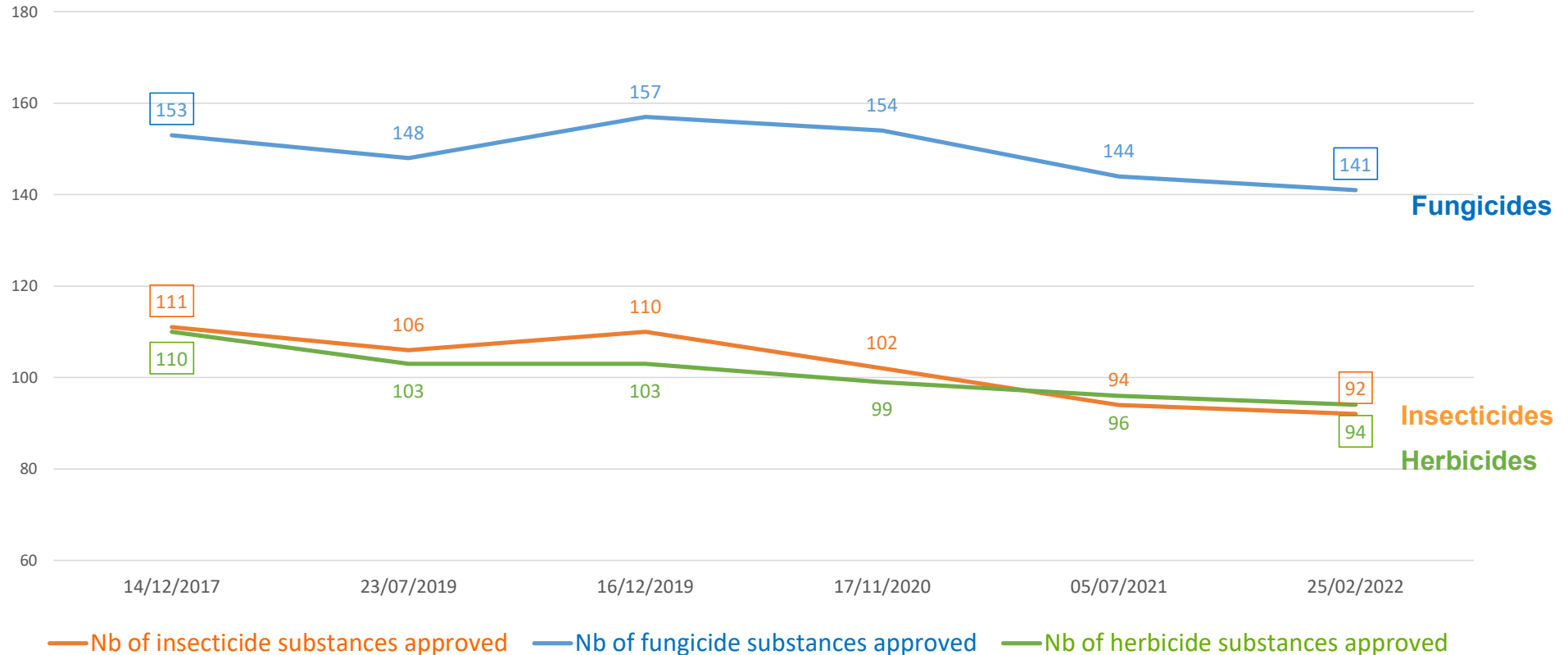
UNDER REG 1107/2009



EVOLUTION OF AVAILABILITY OF SUBSTANCES IN EU UNDER REG 1107/2009



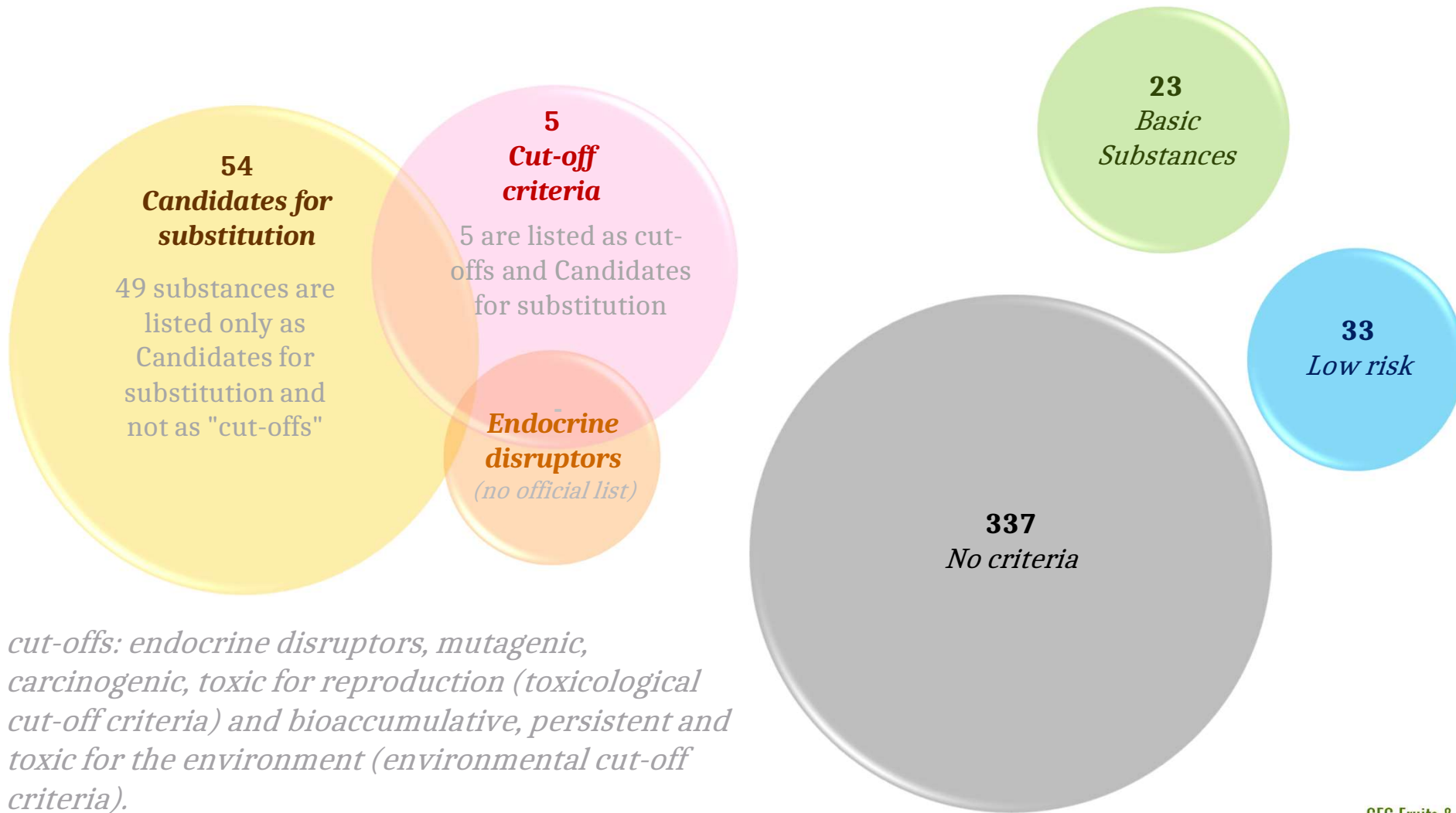
Evolution of the number of active substance for the 3 main functions



Remark: The increase in the number of substances in 2019 is due to a dissociation of substances previously counted into groups (different strains of *Trichoderma* sp., *Bacillus* sp., etc.).



CATEGORIES OF SUBSTANCES CURRENTLY APPROVED



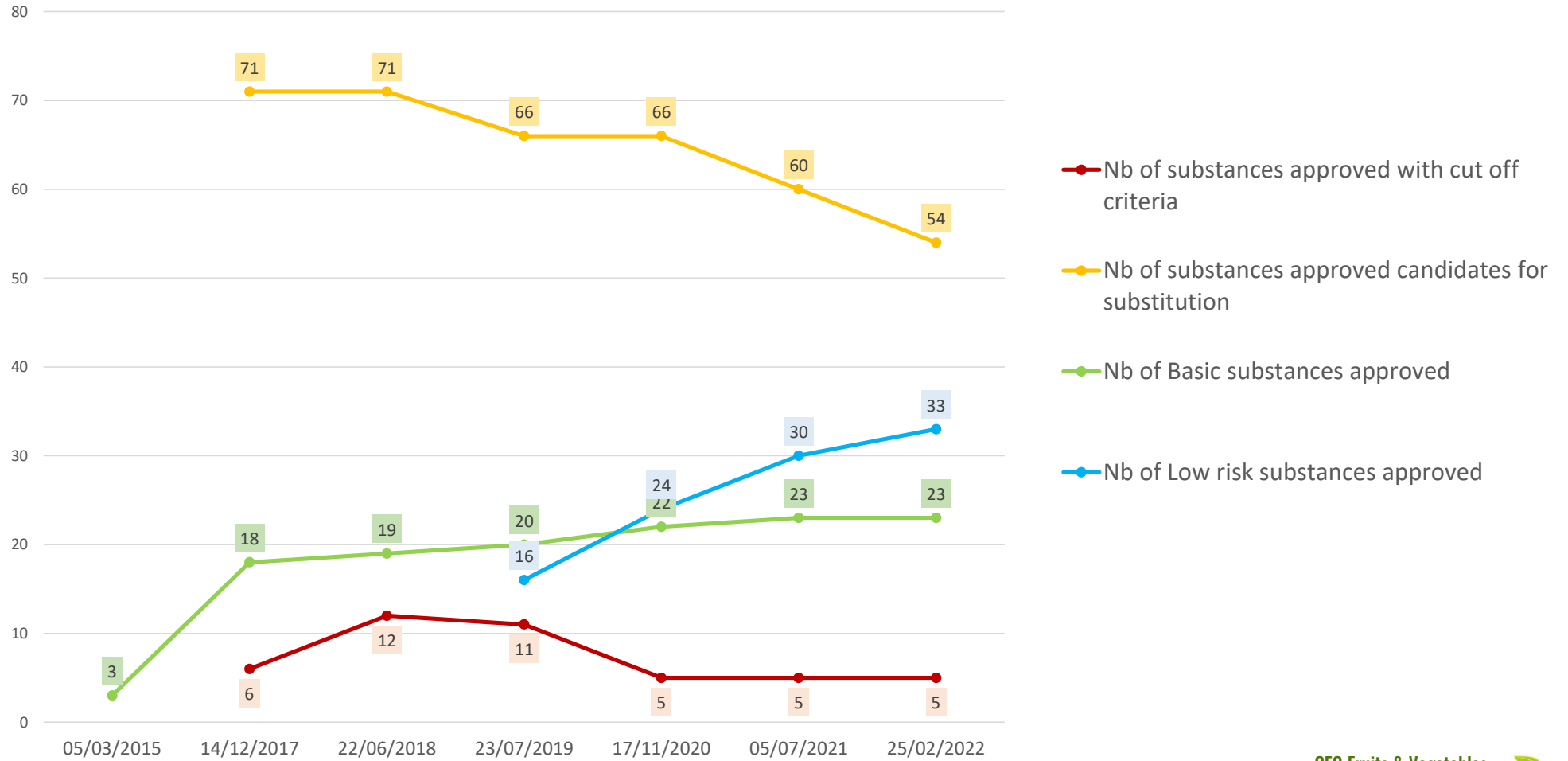
cut-offs: endocrine disruptors, mutagenic, carcinogenic, toxic for reproduction (toxicological cut-off criteria) and bioaccumulative, persistent and toxic for the environment (environmental cut-off criteria).



CATEGORIES OF SUBSTANCES CURRENTLY APPROVED



Evolution of the substances with approval criteria



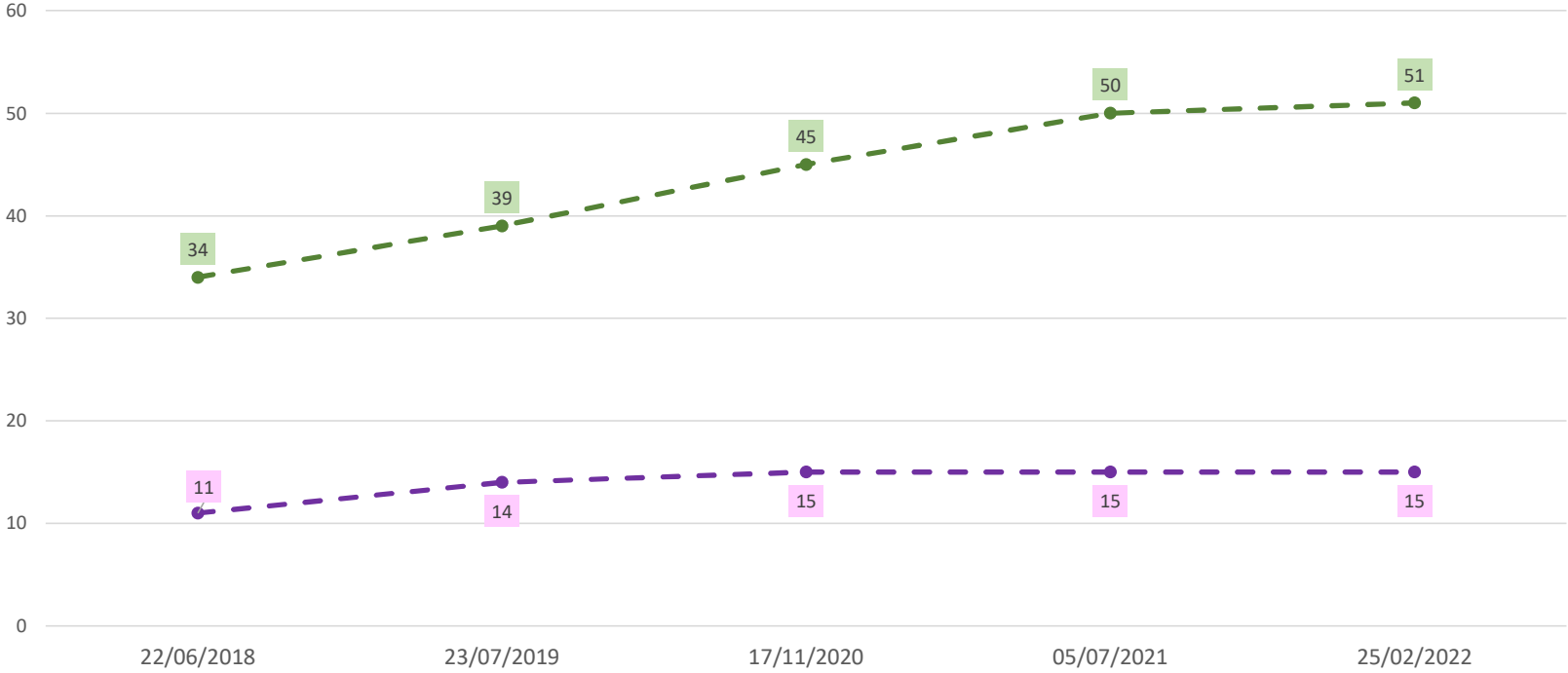
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CATEGORIES OF SUBSTANCES CURRENTLY APPROVED



Evolution of the type of the new approved substances



—●— Nb of new "chemical" substances approved

—●— Nb of new "non chemical" substances approved

**Non-chemical: low-risk substances, basic substances, fungi, bacteria etc.*



RENEWAL PROGRAM (AIR)



Summary of the 497 substances included in a renewal program (AIR 1 to AIR 5)

Program	Total	Approved			Not approved	
		Renewed	Ongoing	Ongoing – Not supported	Not renewed	
AIR 1	7	7				Finished (switched into AIR 4) <i>Rmk: Azimsulfuron not renewed in AIR 4</i>
AIR 2	32	23			9	Finished Switched into AIR 5
AIR 3	155	42	62		51	Switched into AIR 5-6
AIR 4	252 (of which 7 AIR1)	9	182 (of which 6 AIR1)	6	55 (of which 1 AIR1)	
AIR 5	66 (of which 8 AIR 2-3)		61 (of which 8 AIR 2-3)	5		
Total	497	382			115	

- ✓ 79 substances renewed (of which 14 are ongoing in a new AIR program)
- ✗ 115 substances not renewed



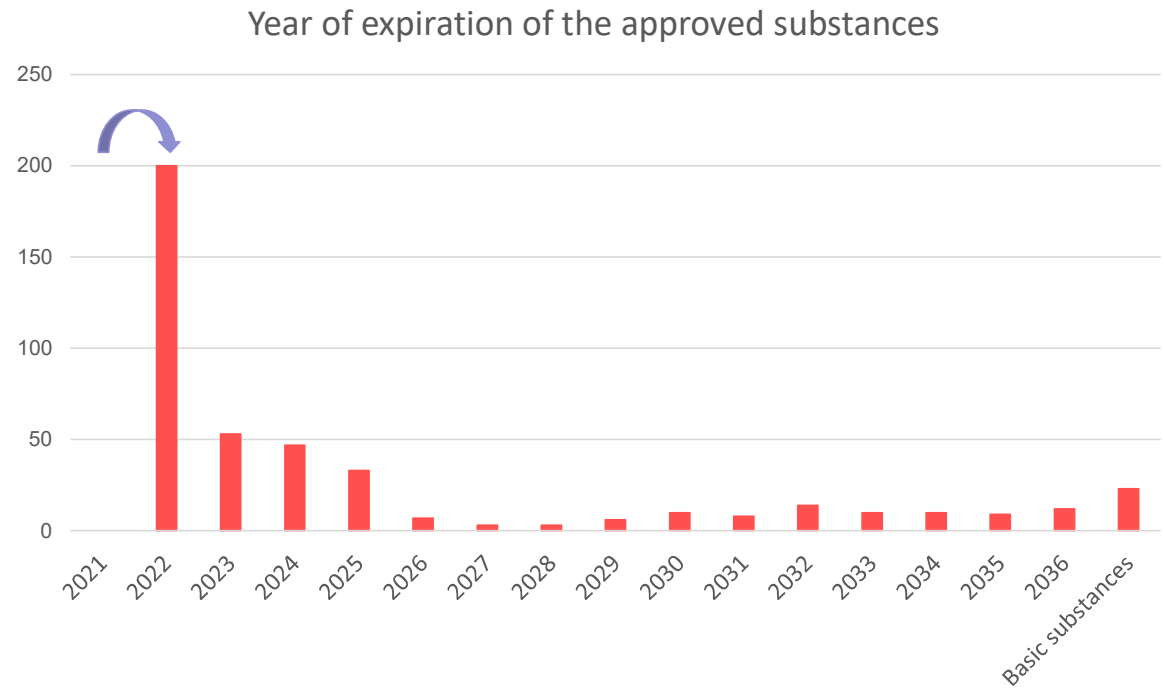
EXPIRATION CALENDAR



- The expiration dates are regularly postponed (around a hundred postponed 2021 → 2022)

- At this time, **200 substances (45%) will expire in 2022**, of which :

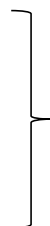
- 5 are not supported
- 24 are candidates for substitution
- 17 substances have another important risk
- 48 have a moderate risk
- 107 are without danger identified



WARNING



34% of Insecticides substances
23% of Fungicides substances
35% of Herbicides substances



have a risk of non-renewal identified
(substitution, cut-off criteria, not supported, other criteria...)



66 new approvals:

« Conventional actives »

Substance	Expiration date
Chromafenozide	31/03/2025
Cyantraniliprole	14/09/2026
Fenpicoxamid (formerly: Lyserphenvalpyr)	11/10/2028
Florpyrauxifen-benzyl	24/07/2029
Flupyradifurone	09/12/2025
Flutianil	14/04/2029
Gamma-cyhalothrin	31/03/2025
Halauxifen-methyl	05/08/2025
Isofetamid	15/09/2026
Mandestrobin	09/12/2025
Mefentrifluconazole	20/03/2029
Meptyldinocap	31/03/2025
Oxathiapiprolin	03/03/2027
Pinoxaden	30/06/2026
Sulfoxaflor	18/08/2025

« Others »

Substance	Expiration date
24-Epibrassinolide	31/03/2036
ABE-IT 56	20/05/2034
Allium cepa extract	
Aqueous extract from the germinated seeds of sweet Lupinus albus	27/04/2036
Bacillus amyloliquefaciens AH2	27/09/2036
Bacillus amyloliquefaciens MBI 600	16/09/2026
Bacillus amyloliquefaciens strain FZB24	01/06/2032
Bacillus amyloliquefaciens subsp. plantarum D747	31/03/2025
Bacillus subtilis strain IAB/BS03	20/10/2034
Beauveria bassiana IMI389521	19/02/2029
Beauveria bassiana PPRI 5339	20/02/2029
Beauveria bassiana strain 147	06/06/2027
Beauveria bassiana strain NPP111B005	07/06/2027
Beer	
Calcium hydroxide	
Cerevisane	23/04/2030
Chitosan hydrochloride	
Clayed charcoal	
COS-OGA	22/04/2030
Cow Milk	

Updated on 25/02/2022

Substance	Expiration date
Diammonium phosphate	
Equisetum arvense L.	
Ferric pyrophosphate	03/08/2035
Fructose	
Hydrogen peroxide	
Lavandulyl senecioate	03/06/2035
L-cysteine	
Lecithins	
Metschnikowia fructicola	27/12/2028
Mild Pepino Mosaic Virus isolate VC 1	29/03/2032
Mild Pepino Mosaic Virus isolate VX 1	29/03/2032
Mustard seeds powder	
Onion oil	
Pasteuria nishizawae Pn1	14/10/2033
Pepino mosaic virus (PepMV) Chilean (CH2) strain, mild isolate Abp2 (PEPMVO)	28/06/2036
Pepino mosaic virus (PepMV) European (EU) strain, mild isolate Abp1 (PEPMVO)	28/06/2036
Pepino mosaic virus strain CH2 isolate 1906	07/08/2030
Rescalure	18/12/2025
Saccharomyces cerevisiae strain LAS02	06/07/2031
Salix spp. cortex	
Sodium chloride	
Sodium hydrogen carbonate (basic substance)	
Sodium hydrogen carbonate (low risk active substance)	01/10/2035
Sucrose	
Sunflower oil	
Talc E553B	
Terpenoid blend QRD-460	10/08/2025
Trichoderma atroviride strain SC1	06/07/2031
Urtica spp.	
Vinegar	
Whey	