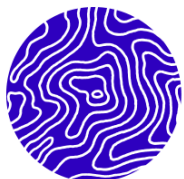




Improving knowledge on basic substances: what they are, their approval and use

Dr. Patrice Marchand (ITAB)

5th June



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Fertilisers



Plant Protection Products

Biostimulants *Including biotic elicitors, plant strengtheners*
Abiotic / Biotic

Regulation EC
Biostimulants 2022

**Phytochemical
Regulation**
EC 1107/2009

Regulation Fert EC

(~~2003/2003~~ ~~223/2012~~ ~~463/2013~~)

Article 14
Exigences
(Fert)

Article 47
Abiotic
Biostimulants
(BSt)

**Article 23
Basic
Substance
(BS)**

Article 22
Low Risk
Substance
(LRS)

**PPP
a.s.**

Article 25
Synergists,
phytoprote
ctants

Article 58
adjuvants



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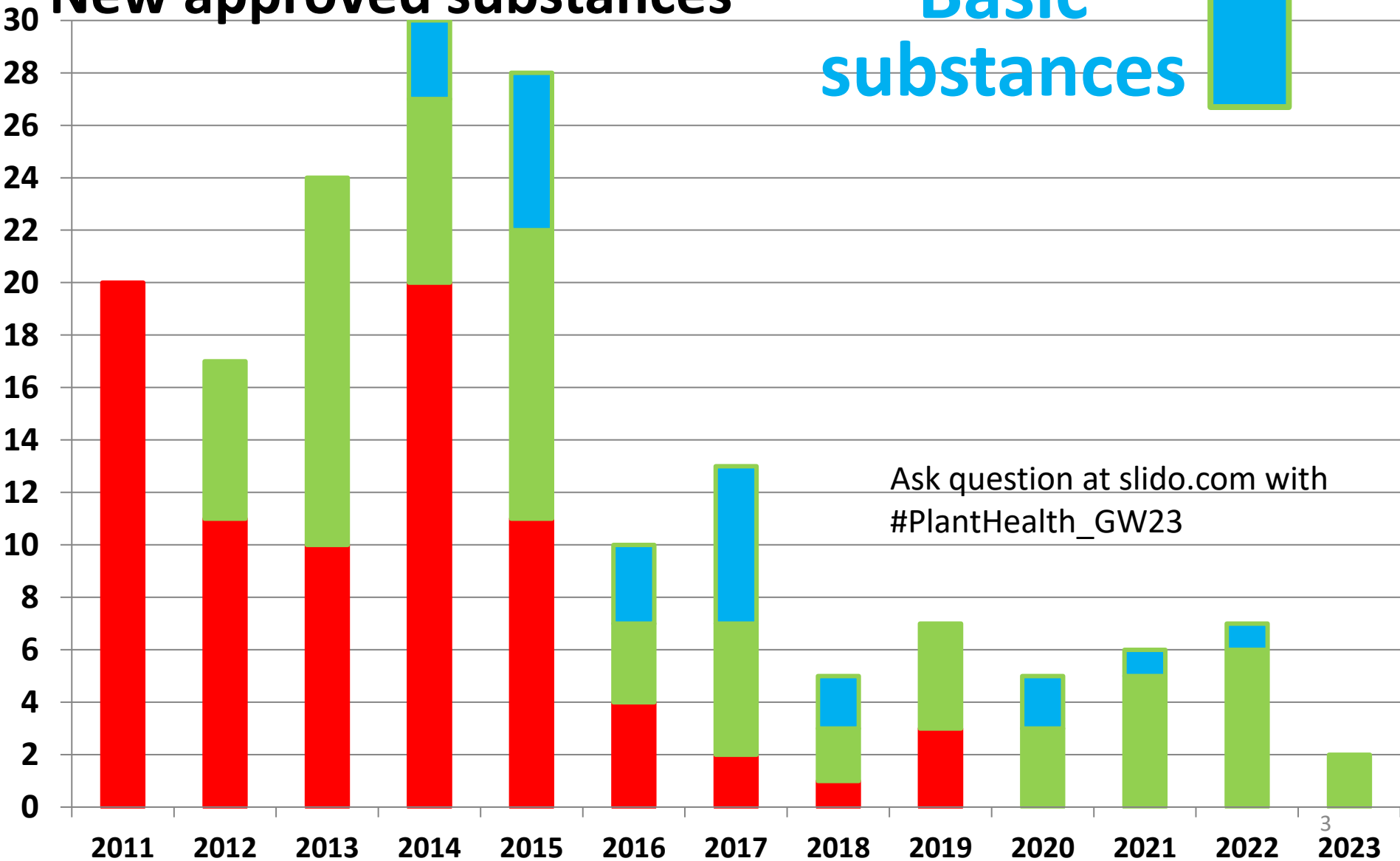
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Biocontrol / chemicals : stats

New approved substances

Basic substances



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Basic substances pathway

Admissibility Questions

Approval

OP Transfer

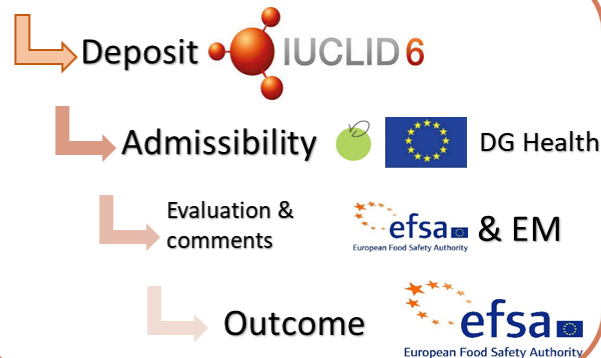


Between 12 et 18 months

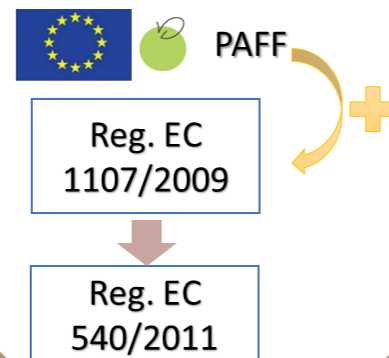
Dossier constitution

- NGO,
- Farmers associations
- Member States
- Companies

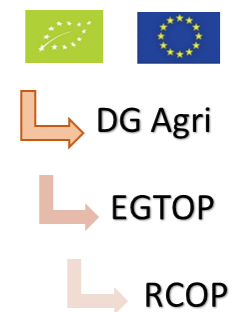
Evaluation at EU level



Approval & Implementing Regulation



Compliance with organic regulations



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Approved Basic Substances (2014-23)

- **25 (20) Dossiers approved (by ITAB)**
 - mars 2014 horsetail - *Equisetum Arvense* (1)
 - mars 2014 chitosan (2) Chipro GmbH
 - juillet 2014 sucrose (3)
 - mars 2015 calcium hydroxyde (4) IFOAM-EU
 - mai 2015 vinegar, *Salix cortex*, lecithines (5,6,7)
 - juillet 2015 fructose (8)
 - octobre 2015 sodium bicarbonate (9) EPA, DK
 - mars 2016 whey , DAP (10, 11)
 - octobre 2016 sunflower oil (12)
 - janvier 2017 *Urtica sp*, clayed-charcoal, H₂O₂ (13,14,15)
 - juillet 2017 sodium chloride (16)
 - octobre 2017 beer, mustard seed powder (17,18)
 - mars 2018 talc E553b (19)
 - juillet 2018 onion oil (20) Bionext (NL)
 - juin 2020 L-cysteine (21) Staphyt
 - juillet 2020 cow milk(22)
 - janv. 2021 *Allium cepa* extract (23)
 - janv. 2022 chitosan (24) Kytozyme
 - xxx 2023 sodium hypochlorite (25) ACI

■ Allowed in Conventional production only

■ Allowed in Conventional and Organic Production

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Approved Basic Substances

– *Equisetum arvense*

– Chitosan HCl

– Sucrose

– Calcium hydroxyde

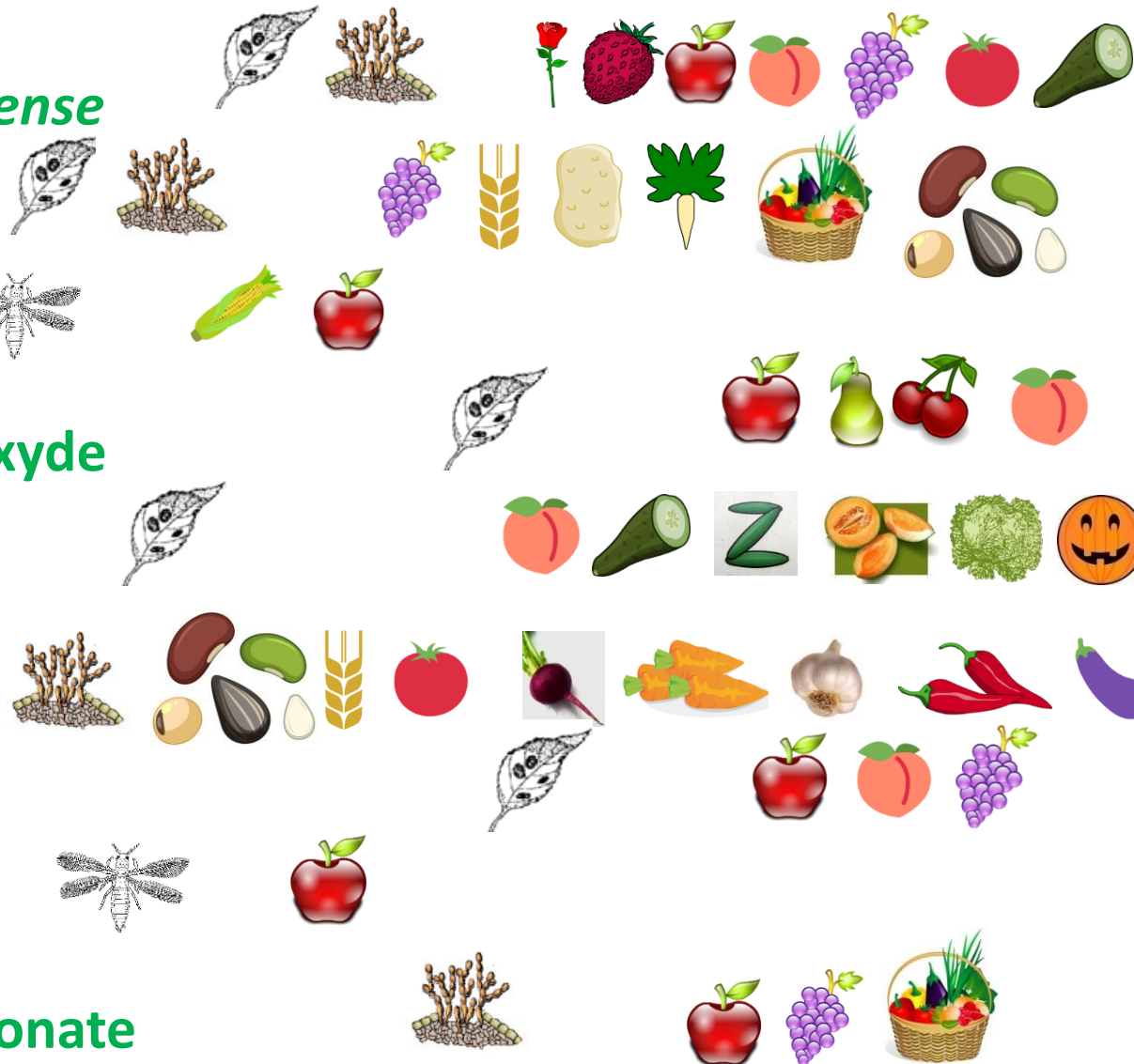
– Lecithins

– Vinegar

– *Salix cortex*

– Fructose

– Sodium bicarbonate



2014

2015

Approved Basic Substances

– Di Ammonium Phosphate DAP



– Whey



– Sunflower oil



– *Urtica* nettle



– Clayed Charcoal



– H₂O₂



– Sodium Chloride



– Beer



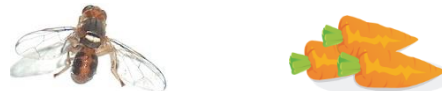
– Mustard seed powder



– Talc E553b



– Onion oil



2016

2017

2018

Approved Basic Substances

– L-cystein



– Cow milk



– *Allium cepa* bulb extract



– Chitosan



– Hypochlorite de sodium



– *Quassia amara*

~~– *Capsicum a.*, CO₂, Dimethyl Sulfide, black soap, caffeine, calcium propionate, Yucca extract, Willow stem and bark extract, H₂O₂ stabilised, ozone~~

■ non-approved

■ potential

■ Approved, OP allowed

■ Approved, candidate OP

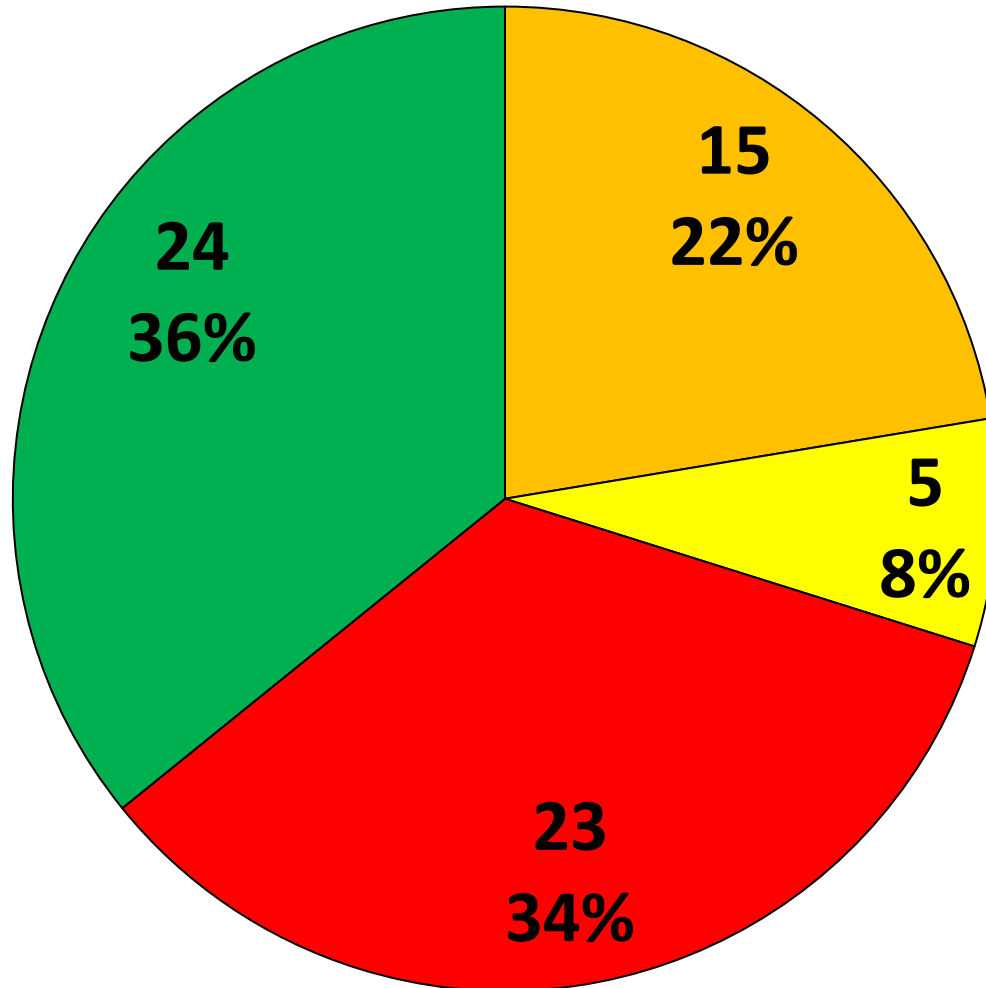
2020

2021

2022

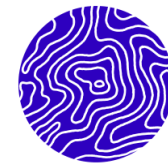
2023

12 years of Applications



*

- Withdrawal
- Non-admissible
- Non approved
- Approved



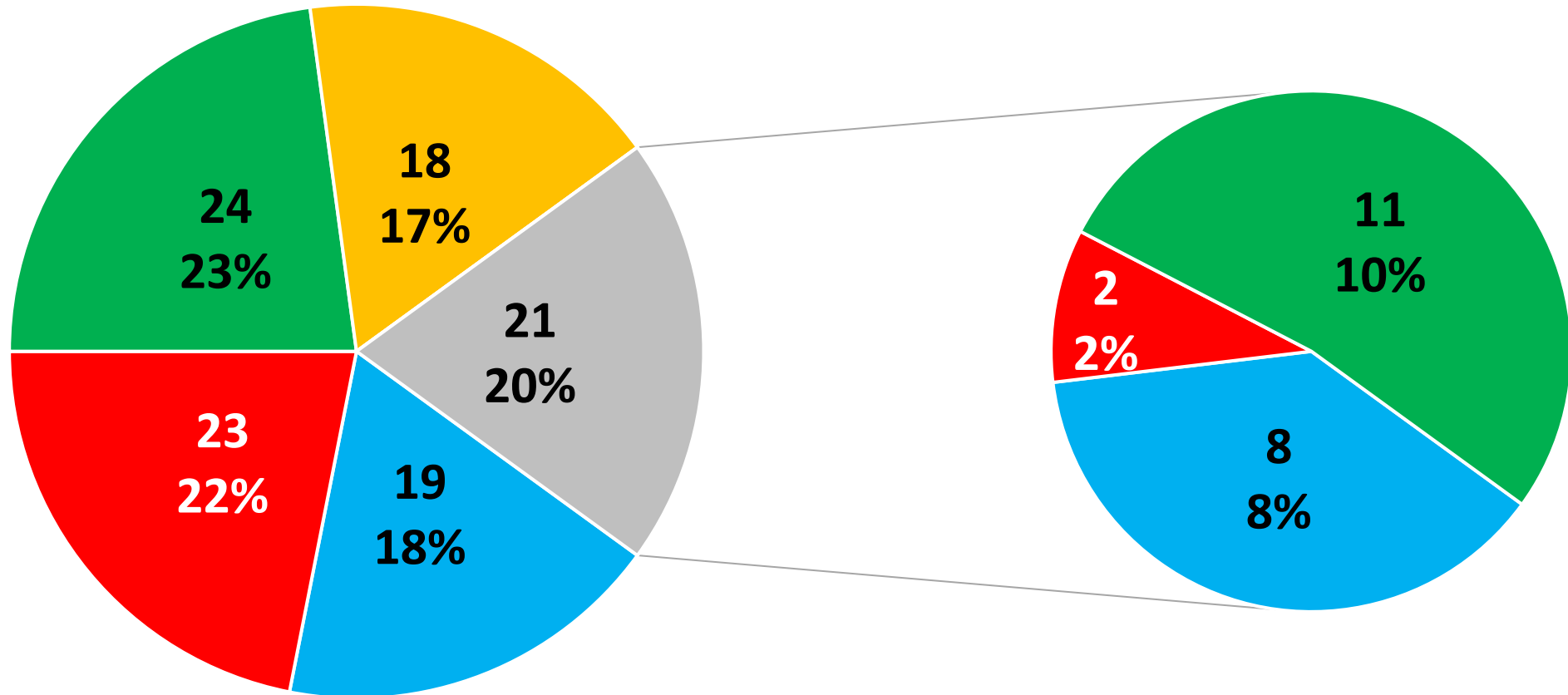
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* « Voluntary » withdrawals :
- No CAS nb, no answer to EFSA questions ...

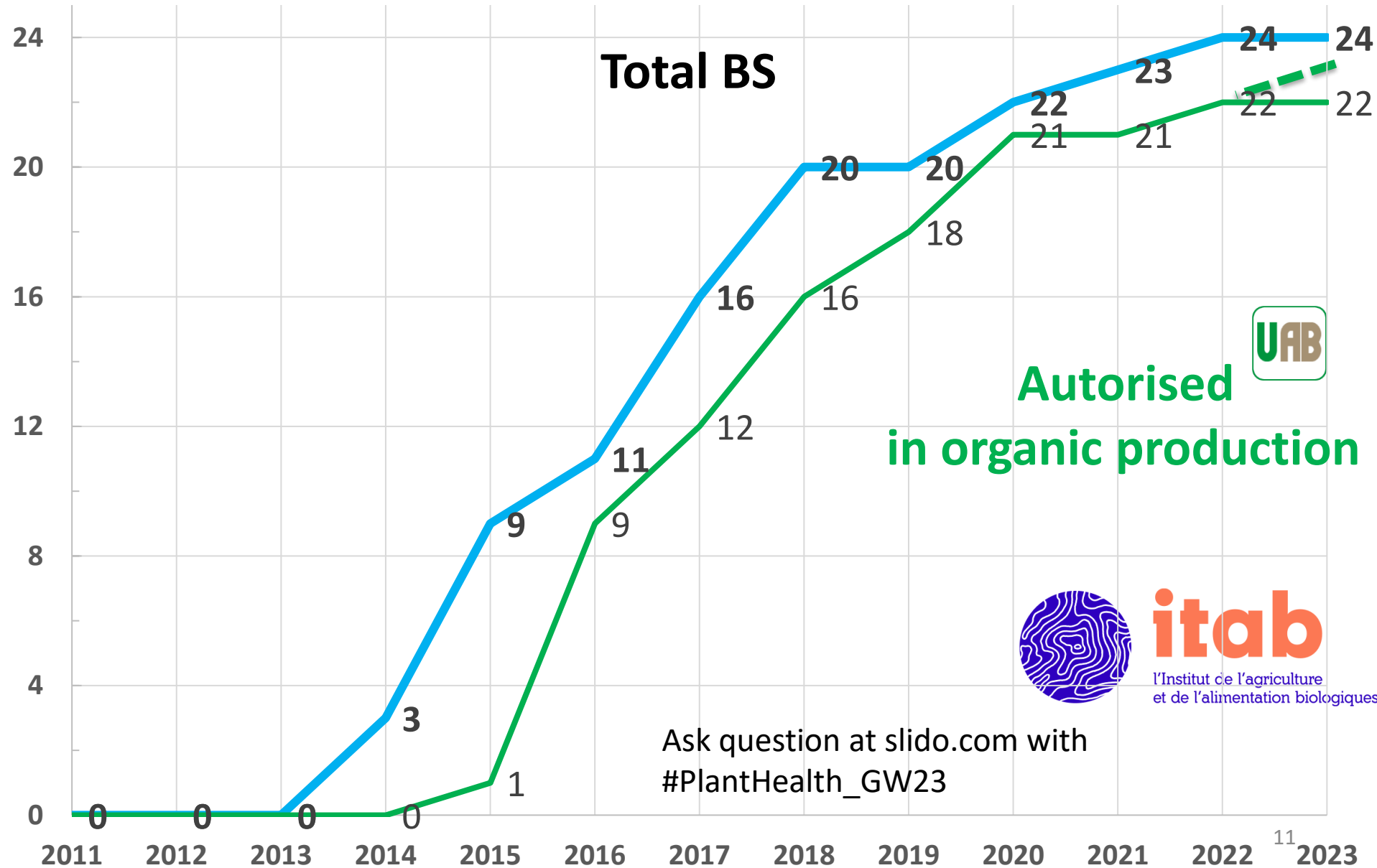
12 years of Applications

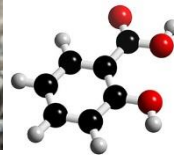


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■ Pending ■ Refused ■ Approved ■ Withdrawal ■ extension

Evolution of basic substances (nb)

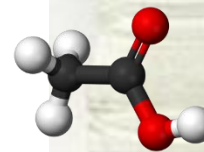




• **Merci de votre attention**



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• **Tanks**

