

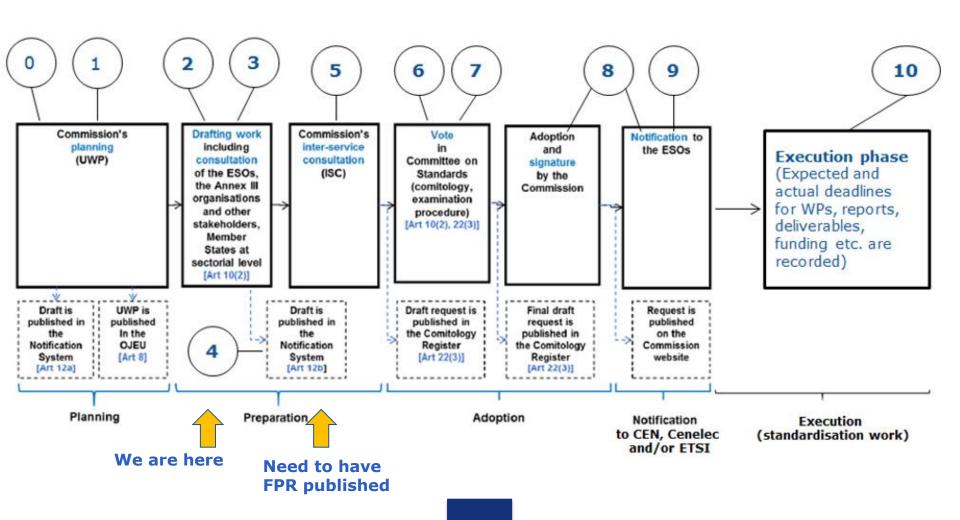
Draft standardisation request to support FPR

Fertilisers Working Group 10 May 2019

DG GROW/D2 Chemicals Unit



The overall workflow during the mandating process (from planning to notification to ESOs)





Draft Standardisation request in informal consultation process (since November 2017)

Stakeholders and CEN
Fertilisers Working Group
AdCo Market Surveillance Group
Standards Market Relevance Roundtable (SMARRT)
Committee on Standards

Annual Union Work Programme for European Standardisation for 2018



REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL laying down rules on the making available on the market of EU fertilising products and amending Regulations (EC) No 1069/2009 and (EC) No 1107/2009

EU fertilising products must:

- comply with requirements (safety, quality, labelling) defined for each product function category
- be composed of component material categories, themselves subject to specific requirements
- be certified as fulfilling requirements according to various NLF modules



New Legislative Approach Regulation



Harmonised standards may be used for verifying conformity of EU fertilising products with requirements (presumption of conformity).

For conformity assessment For market surveillance

<u>Current situation</u>: European standards for inorganic fertilisers, liming material and agronomic additives developed under previous mandates (M/355, M/418 and M/454) for Reg 2003/2003



Provisional titles of requested standards, reference information for drafting, timelines

Reference information		Deadline for adoption by CEN
1.	Determination of the mercury content in organic fertilisers	24 months after notification
	To use as basis standards: EPA method 7343 with EN 13040 for the preparatory phase or ISO 16772	of this Decision to CEN
2.	Determination of the cadmium, nickel and lead content in organic fertilisers	24 months after notification
	To use as basis standards	of this Decision to CEN
	Extraction: EN 13650	
	Determination: ISO 11885 (as a basis for development of a specific method), EN 16319 (for Cd/Ni/Pb)	
3.	Determination of the chromium VI content in organic fertilisers	24 months after notification
	To use as basis standard: ISO 17075 part 2	of this Decision to CEN
4.	Determination of the biuret content in organic fertilisers	24 months after notification
	To use as basis:	of this Decision to CEN
	ISO 18643	
	ICP-MS method	
5.	Determination of the inorganic arsenic content in organic fertilisers	24 months after notification
	To use as basis standard: EN 16317	of this Decision to CEN
6.	Determination of the copper and zinc content in organic fertilisers	36 months after notification
	To be developed	of this Decision to CEN
7.	Determination of Salmonella spp in organic fertilisers	24 months after notification
	To use as basis standard: EN ISO 6579	of this Decision to CEN
8.	Determination of Escherichia coli in organic fertilisers	24 months after notification
	To use as basis standards: FD/CEN TR 16193-B, NF EN ISO 16649-2	of this Decision to CEN
9.	Determination of <i>Enterococcaceae</i> in organic fertilisers	24 months after notification
	To use as basis standards: EN ISO 7899-1, EN 15788	of this Decision to CEN
	and BEA method	



<u>Timelines proposed for the development of standards</u>

Facts

- analytical methods need to be adapted / validated with ring tests

 more time to develop standards
- date of application of FPR in 3 years (foreseen for June/July 2022)
- desirability of standards for EU fertilising products (presumption of conformity)

Proposed solution

two step development of any standard which needs more than 24 months

1st step: Development of Technical Specifications (CEN/TS*) within a deadline of 24 months

2nd step: Upgrade of the CEN/TS to a harmonised Standard within an extended deadline of up to extra 24 months

*CEN/TSs cannot be published in the OJEU nor be used to support presumption of conformity



Standards for the determination of the quantity

- Are standards for quantity needed?
- EU Directives (2014/32/EU and 2014/31/EU) on the harmonisation of the laws of the Member States relating to the making available on the market of non-automatic weighing instruments.

Your views?



Determination of the phosphonates content

Comment

"phosphonates are not expected to be present in most EU fertilising materials



an extra burden in testing products"

Fact

legal provision: Annex I, Part II, point 6 (for all EU fertilising products)

unintentional presence of phosphonates shall not exceed 0,5 % by mass



<u>Determination of nitrogen origin in the context of "Determination of nitrogen from ammonium nitrate in organo-mineral fertilisers"</u>

Comment

- possible to analyse nitric or ammoniacal nitrogen present in an organomineral fertiliser
- impossible to determine if nitric or ammoniacal nitrogen originates from
 an ammonium nitrate fertiliser, b) another inorganic fertiliser or c) materials
 containing organic carbon and nutrients of solely biological origin

Fact

Legal provision: Annex I, Part II, PFC 1(B), point 2

"Where one or more of the inorganic fertilisers in the co-formulation is a straight or compound solid inorganic macronutrient ammonium nitrate fertiliser of high nitrogen content, as specified in PFC 1(C)(I)(a)(i-ii)(A), an organomineral fertiliser shall not contain 16 % or more by mass of nitrogen (N) as a result of ammonium nitrate (NH4NO3)."



<u>Aqua regia extraction methods versus less vigorous extraction</u> <u>methods</u>

Issue

Selection of the proper extraction method for mineral and organic soil improvers and growing media

Fact

Legal provisions set limit values for the content of heavy metals in all EU fertilising products

Solution

Vigorous extraction methods when determining heavy metals' content in all products



<u>Determination of biodegradability of polymers (CMC 9)</u>

Fact

European Commission is empowered to adopt a delegated act and establish biodegradability criteria for polymers (coating agents & agents used to increase water retention).

Result

Biodegradation criteria for polymers are excluded from the current standardisation request addressed to CEN



<u>Determination of inhibitors in organic fertilisers</u>

Comment

"inhibitors cannot be part of organic fertilisers and thus any request of standard related to them should be withdrawn"

Proposal

inhibitors' related standards in organic fertilisers will be deleted from the request.



Standards on detonation resistance and oil retention tests

Fact

all tests described in Annex IV of FPR

Proposal

standards on detonation and oil retention tests in ammonium nitrate fertilisers to be withdrawn



Next steps

Revised version of draft request will be circulated to participants of FWG with a deadline of 10 working days for comments

Right after the publication of FPR draft request will be published in the COM's dedicated notification system and sent for COM Interservice Consultation

Vote in Committee for Standards (probably via written procedure)

Adoption of standardisation request by COM and notification to CEN



Thank you for your attention!