



# Conferring the “End-of-Waste” status with the Fertilising Products Regulation

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# The Fertilising Products Regulation ('FPR')

<http://data.europa.eu/eli/reg/2019/1009/oj>

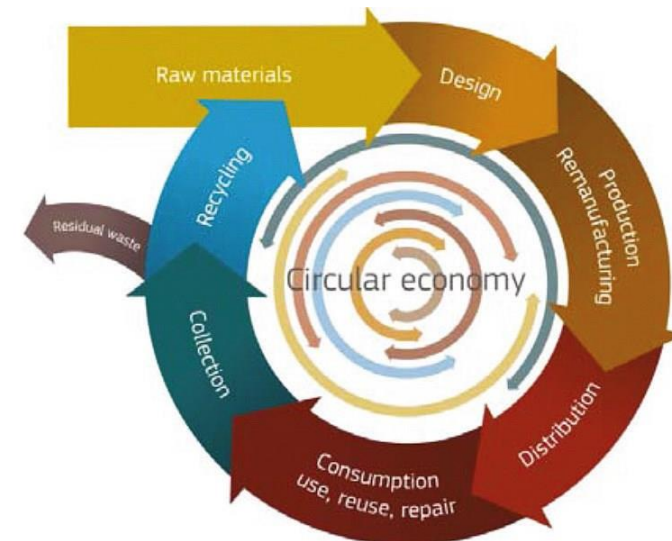
Adopted on 5 June 2019

Applicable as of 16 July 2022

The first deliverable of the Circular  
Economy Action Plan

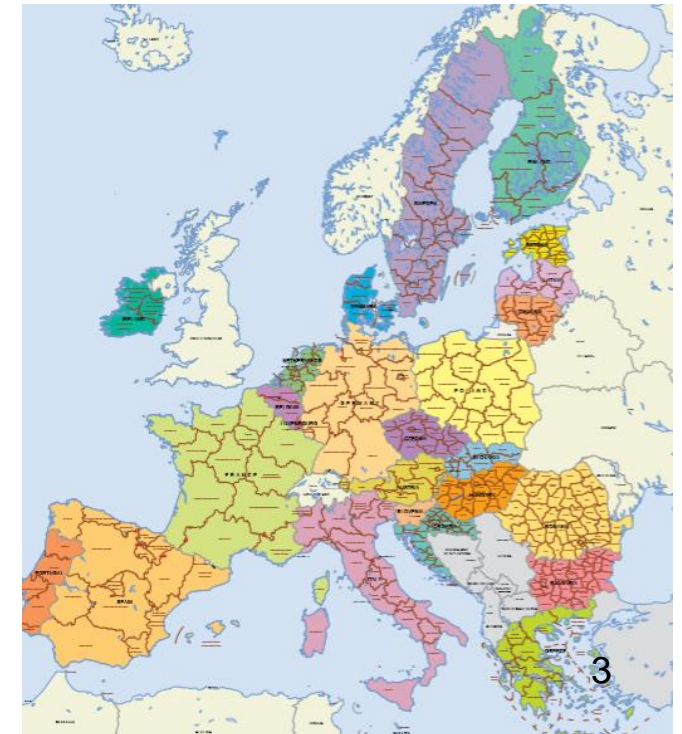
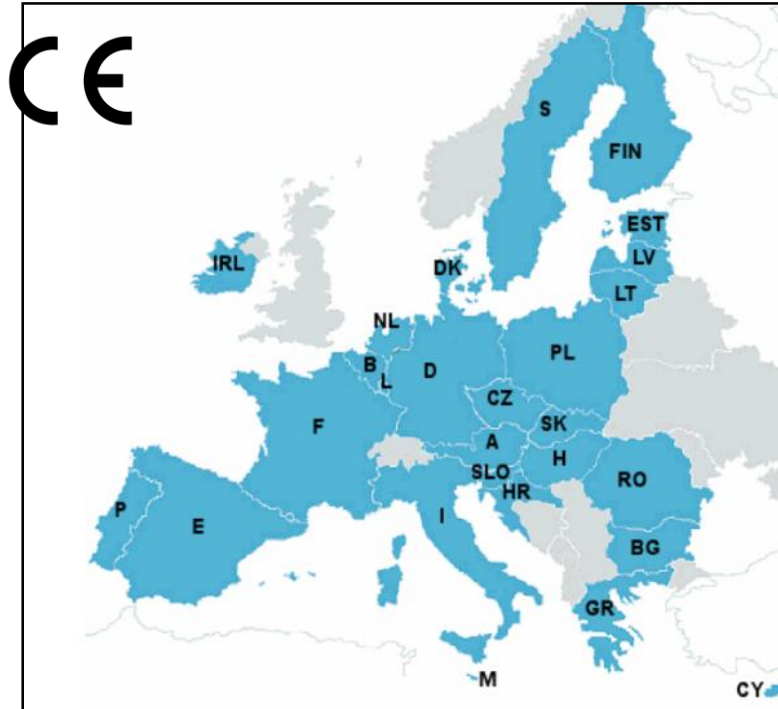
Report on implementation of Action Plan

[http://ec.europa.eu/environment/circular-economy/index\\_en.htm](http://ec.europa.eu/environment/circular-economy/index_en.htm)



## Harmonisation rules for EU fertilising products

- are **optional** – manufacturers are free to choose if to apply them or national rules
- apply on **placing on the market** of EU Fertilising Products (not their use)
- lead to **CE-marking** → Free movement in the single market



## An EU fertilising product:

- \* *meets the requirements for a **PRODUCT FUNCTION CATEGORY***
- \* *meets the requirement for a **COMPONENT MATERIAL CATEGORY** or categories*
- \* *is **LABELLED** according to the requirements in FPR*
- \* *passes the **CONFORMITY ASSESSMENT PROCEDURE***

**An EU fertilising product  
belongs to....** **Product Function Categories ('PFC')**



EU fertilising products must comply with requirements of one **PFC** (Annex I)

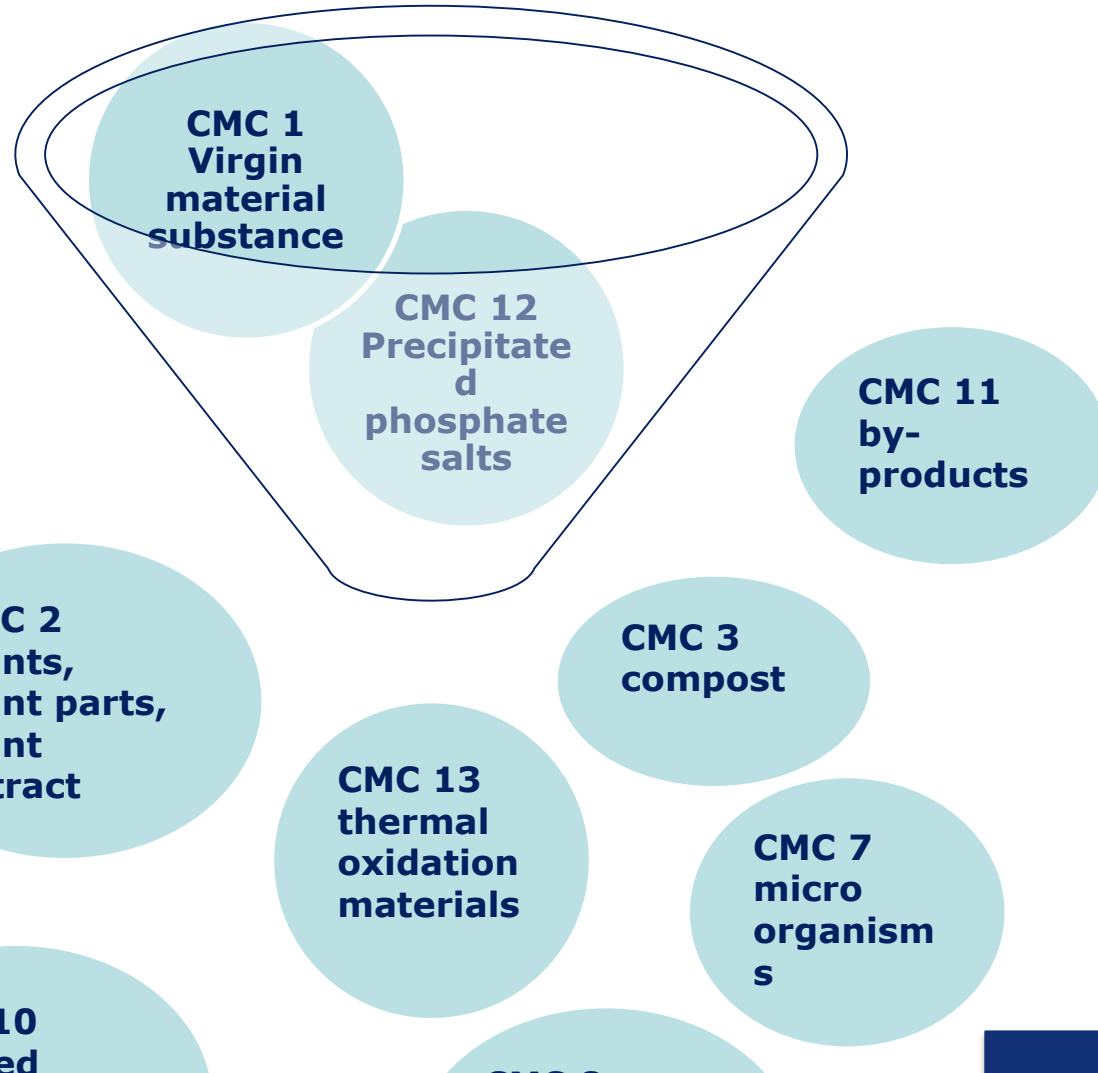
- Safety (contaminants , pathogens)
- Quality (content of nutrients)

Manufacturers may claim more than one **function**

Blend (PFC 7) made of two or more component EU fertilising products

**An EU fertilising product is  
composed of...**

## Component Material Categories (CMCs)



- All component materials have to be covered by a **CMC** (Annex II)
- Product composed of at least one CMC and comply to its relevant requirements
  - REACH registration
  - "End-of-waste criteria"
  - Animal-by-products regulation
- One PFC may contain more than one **CMC**
- CMCs not expected to react intentionally

## New CMCs – recovery of nutrients out of various waste streams

CMC 12 'STRUvite'	CMC 13 'Biochar'	CMC 14 'Ashes'
Exhaustive list of input materials – including:		
wastewaters wastewaters from processing of foods, beverages, pet foods, animal feeds, or dairy product	materials from the independently operated treatment of waste water not covered by Council Directive 91/271/EEC waste	
	vegetable waste from the food processing industry	
sewage sludge from municipal wastewater treatment plants		
Bio-waste		
Conditions for the processing methods		
Conditions for the plant Requirements for the processing (minimum temperature, minimum time etc.)		
Mandatory requirements for the output material		
Additional safety requirements (new contaminant limits, for instance) REACH registration		

# REACH registration

- \* The FPR extends the REACH registration to low tonnage substances*
- \* The FPR requires to take into account the use as a fertilising product*
- \* special provisions in REACH for recovered substances apply*

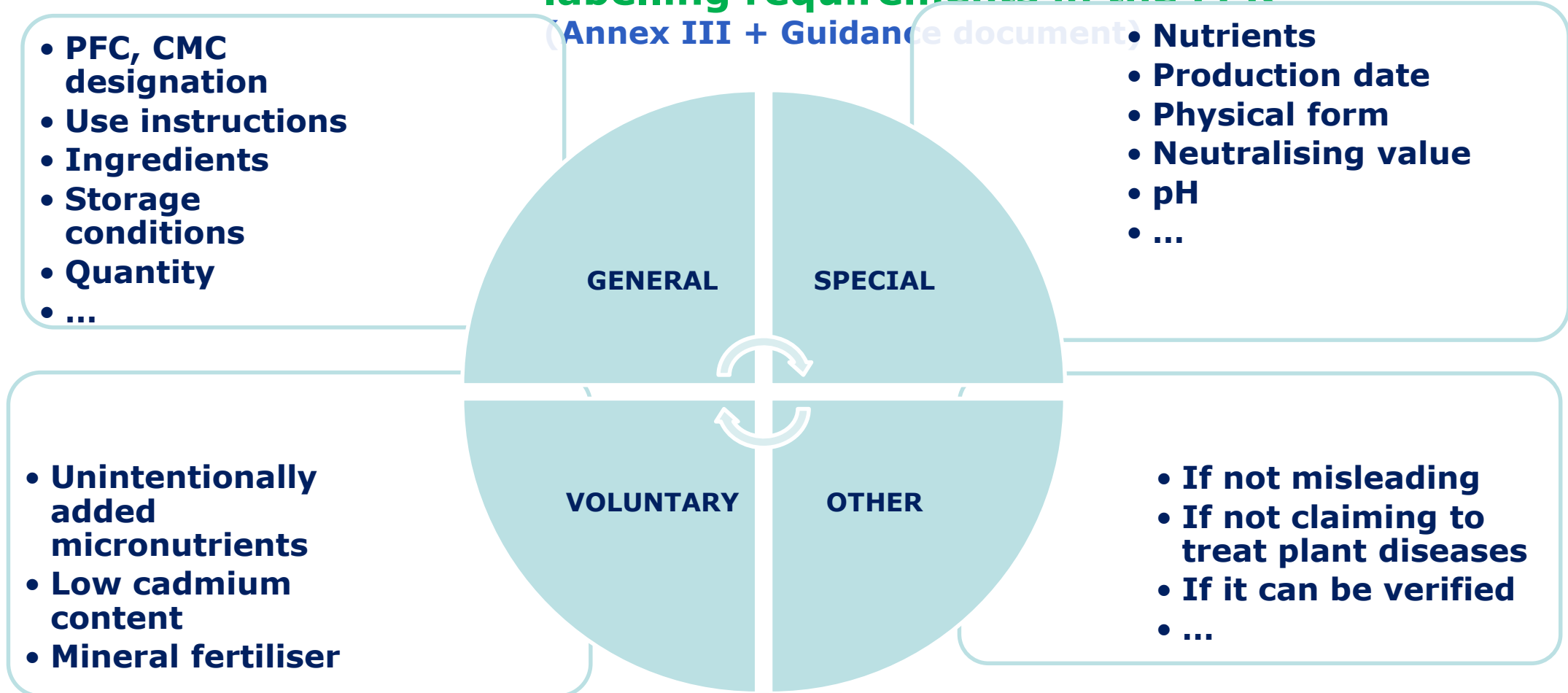
*More on REACH? [Visit ECHA's website](#)*



## An EU fertilising product is labelled

- in accordance with the relevant  
labelling requirements in the FPR

(Annex III + Guidance document)



**An EU fertilising  
product passes**

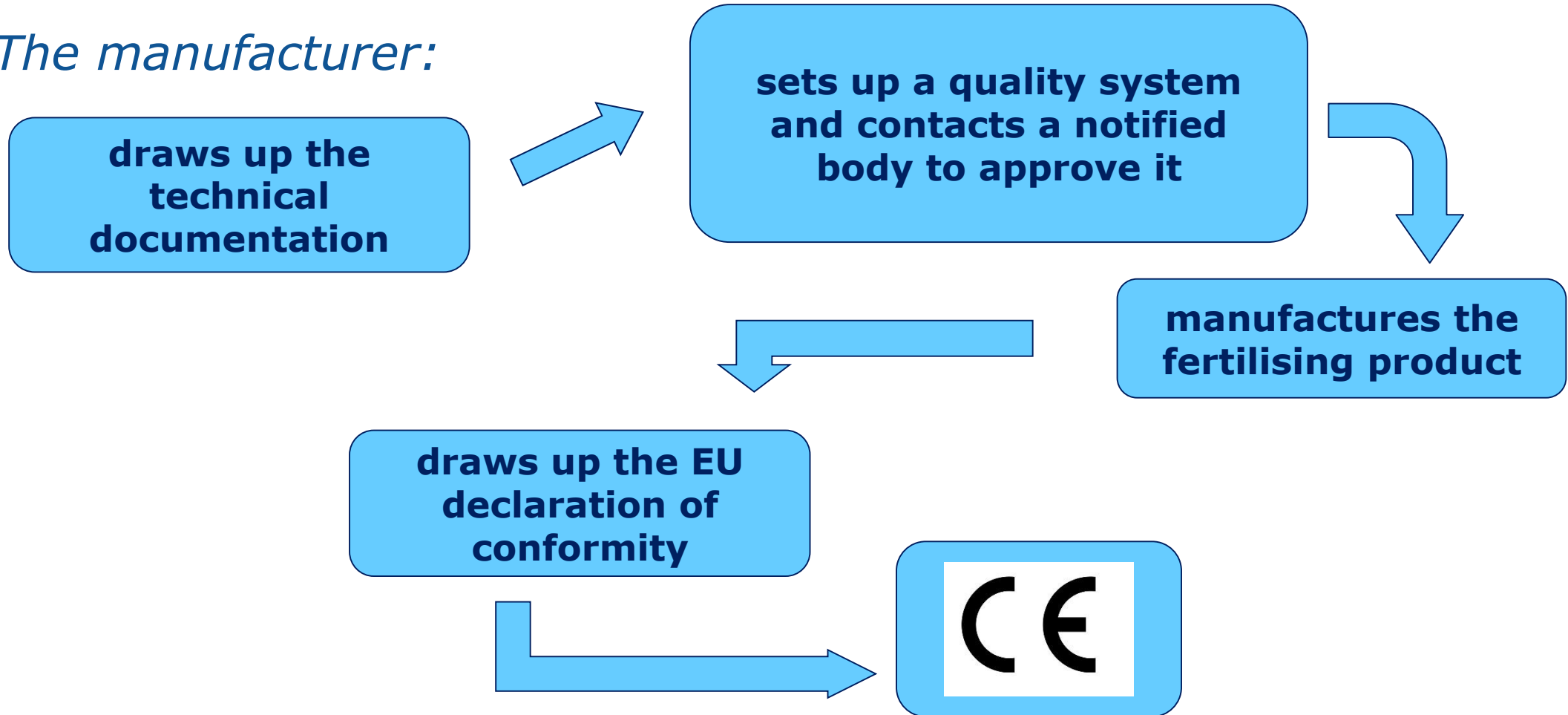
## **the conformity assessment procedure**

- \* a process carried out by the manufacturer*
- \* to demonstrate whether specific requirements related to a fertilising product in the FPR have been fulfilled*

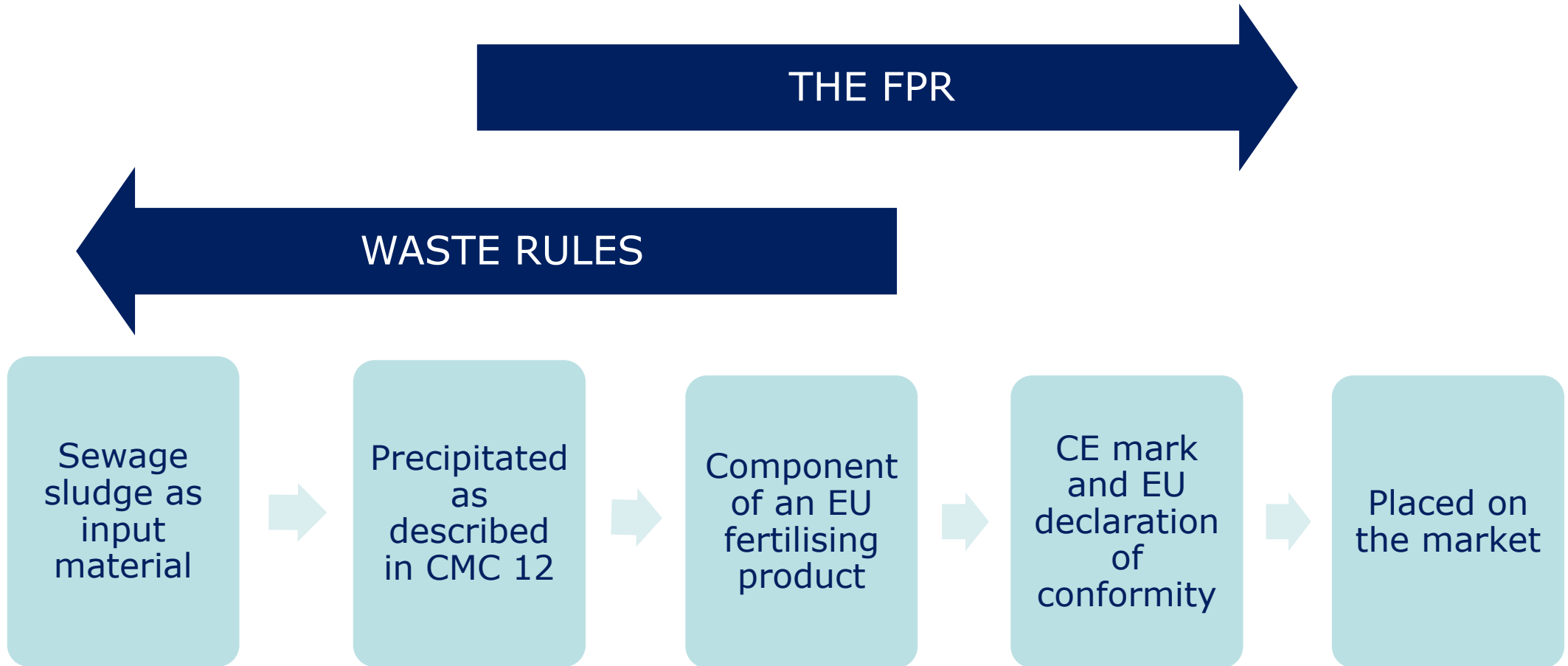


## Module D1 – quality assurance system:

*The manufacturer:*



# End-of-waste status



# On-going FPR related projects

## Adding or updating CMCs

- three StruBiAs delegated acts (scrutiny of EP and Council)
- On-going study by the Joint Research Centre on:
  - defining safety and agronomic efficiency criteria for by-products
  - New CMC on high purity materials
- On-going risk evaluations of end-points under animal by-products rules

## Other technical amendments to the FPR

- Delegated act on miscellaneous amendments (scrutiny of EP and Council)

## Providing guidance

- [Updating the FAQ available online](#)

# Standardisation Requests

Harmonised standards may provide presumption of conformity

Commission has requested the European Committee for Standardization (CEN) to develop harmonised standards:

- on sampling and sample preparation
- on test methods for
  - determination of elements (heavy metals and others)
  - detection of microorganisms
- on claims (plant biostimulants)
- on terminology

## Timeline

- first technical specifications – April 2022;
- first harmonized standards April 2024
- Does not cover STRUBIAS specific requirements

# Thank you !

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Follow the work on the implementation of the FPR on CircABC space  
Commission Expert Group on fertilising products

<https://circabc.europa.eu/ui/group/36ec94c7-575b-44dc-a6e9-4ace02907f2f>