



# JRC STRUBIAS webinar

in preparation of the final STRUBIAS meeting



**DRAFT STRUBIAS recovery rules and market study for precipitated phosphate salts & derivatives, thermal oxidation materials & derivatives and pyrolysis & gasification materials in view of their possible inclusion as Component Material Categories in the Revised Fertiliser Regulation**



**JOINT RESEARCH CENTRE**

## Objective of the webinar

- Present a short overview of the main points of the STRUBIAS pre-final report and changes related to the technical proposals
- Clarify possible doubts to enable stakeholders to prepare STRUBIAS final meeting

## Not the objective of the webinar

- Discuss technical foundations underlying the proposed technical proposals
- To duplicate STRUBIAS final expert meeting



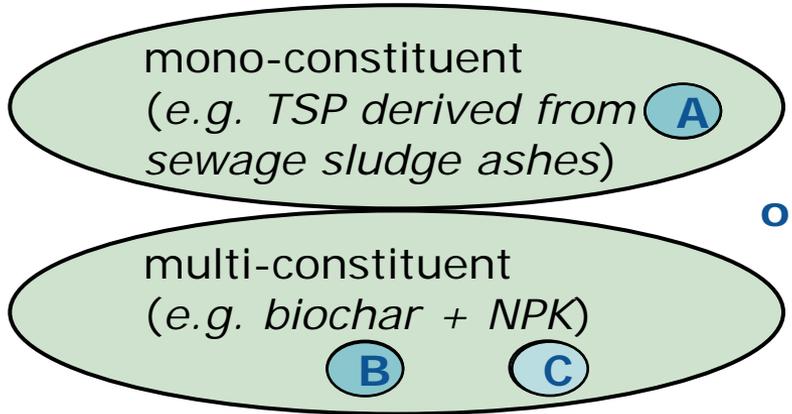
## Principles for the technical proposals

- (i) do not pose overall adverse environmental impacts or human health risks and serve function as fertilising materials;
- (ii) create a level playing field that offers simplicity and clarity to producers and consumers that are active on the European fertilising market;
- (iii) shall be set in a sufficiently flexible manner to encourage industry to undertake nutrient recycling actions;
- (iv) apply a neutral stance towards existing and future technological systems operating on the market and input materials available; and
- (v) shall be clear, concise and enforceable to support a robust legal framework.

## Conceptual changes

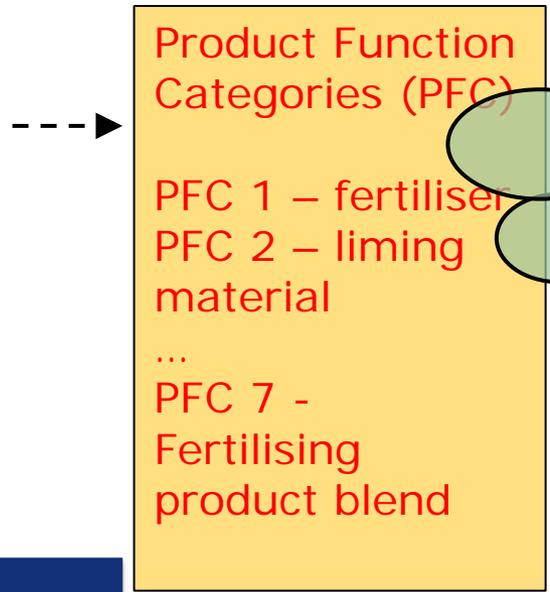
- Better implementation of 'two step' manufacturing processes where the core process is followed by other manufacturing steps with minimum requirements ("derivates")
- Scope expansion to cover a broad range of fertilising materials, and associated changes in proposals for Component Material Categories (CMCs) terminology to reflect nature of the production process
- Criteria simplification and avoided overlap with Product Function Categories (PFCs)
- Proposals for alternative processing techniques of animal by-products
- Cost effective compliance scheme (244 – 633 euro)

# Structure of the proposal for the revised Regulation



**CMCs should be "contained" in PFC**  
**-> no chemical reaction**

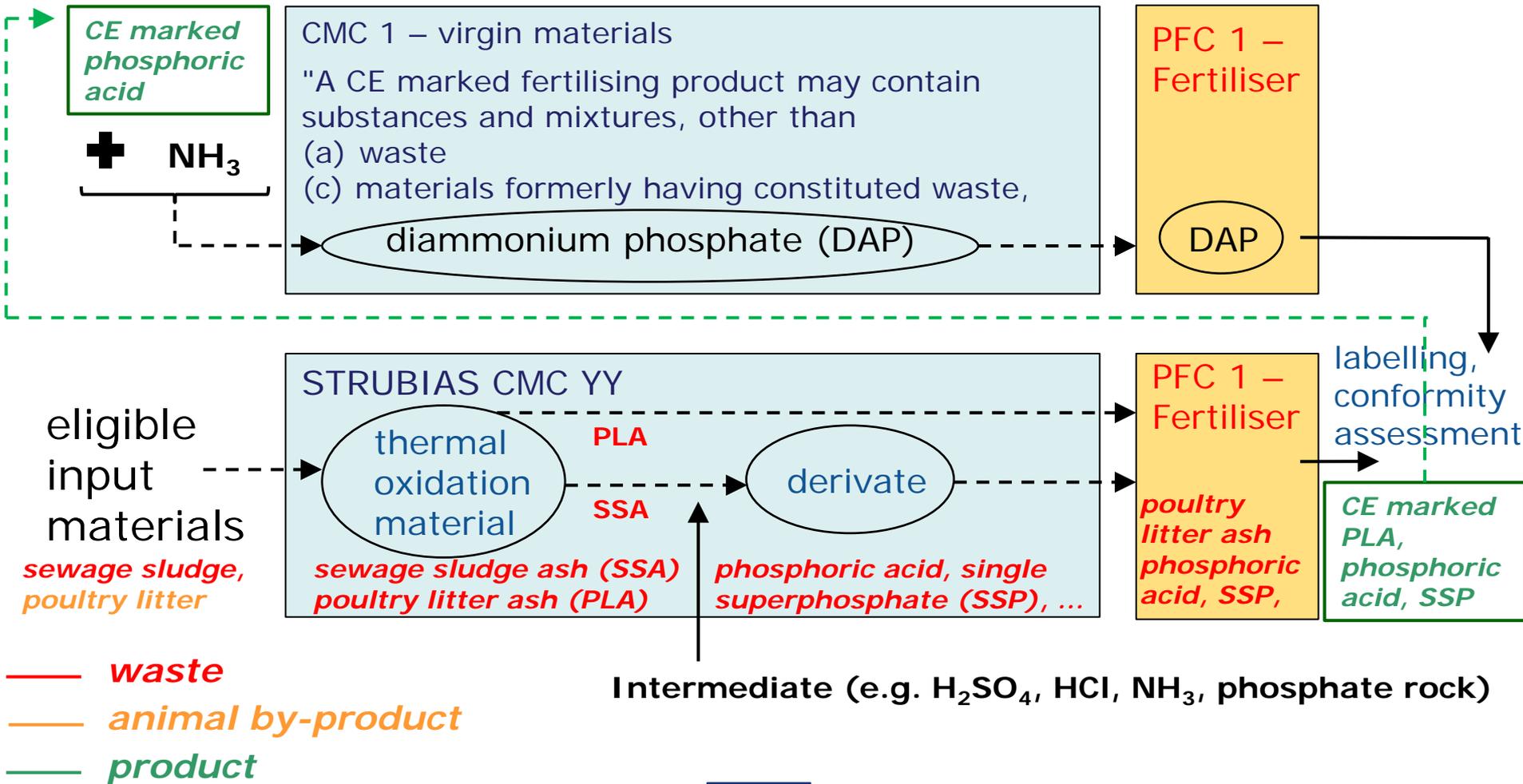
- Component material categories (CMC)
- CMC 1 – virgin materials
  - CMC 2 – plant parts
  - ...
  - CMC XX – precipitated phosphate salts & derivatives
  - CMC YY – thermal oxidation materials & derivatives
  - CMC ZZ – pyrolysis & gasification materials



labelling, conformity assessment procedure



# Structure of the proposal for the revised Regulation



# Intermediate

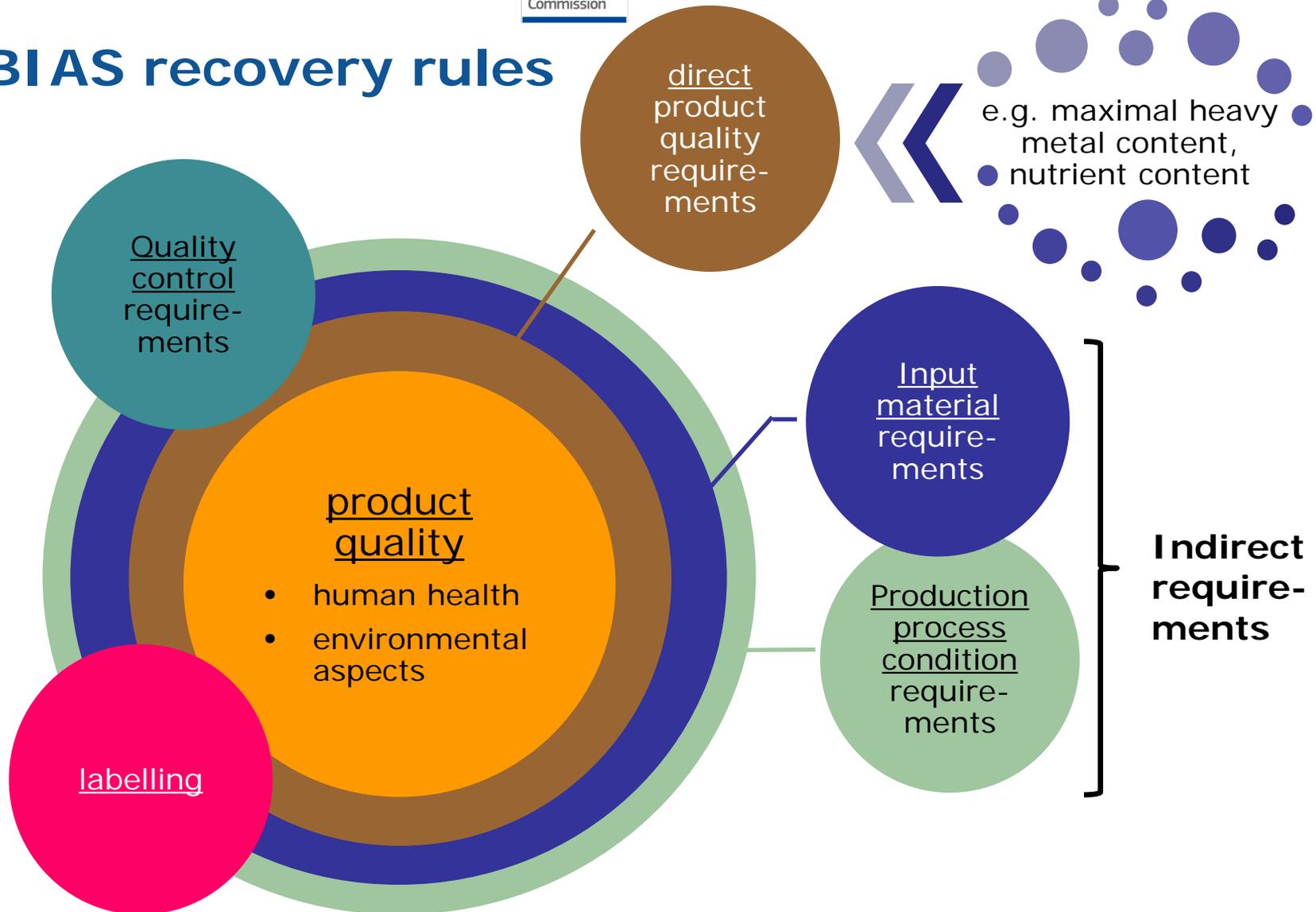
e.g.  $\text{H}_2\text{SO}_4$ ,  $\text{HCl}$ ,  $\text{NH}_3$ , phosphate rock

"a substance that is **manufactured for and consumed in or used for chemical processing in order to be transformed into another substance**"

- Excludes use of inert materials that could be applied for contaminant dilution purposes
- Excludes – at present – industrial by-products
  - Not specific to STRUBIAS
  - Under study for whole proposal
  - Level playing field & consistency
  - Safety assessment
  - Proposal to incorporate regulation-wide decisions at a later stage

the revised Fertiliser Regulation and the STRUBIAS proposals are still "living" documents that can be adapted in a more advanced stage of implementation of the Regulation

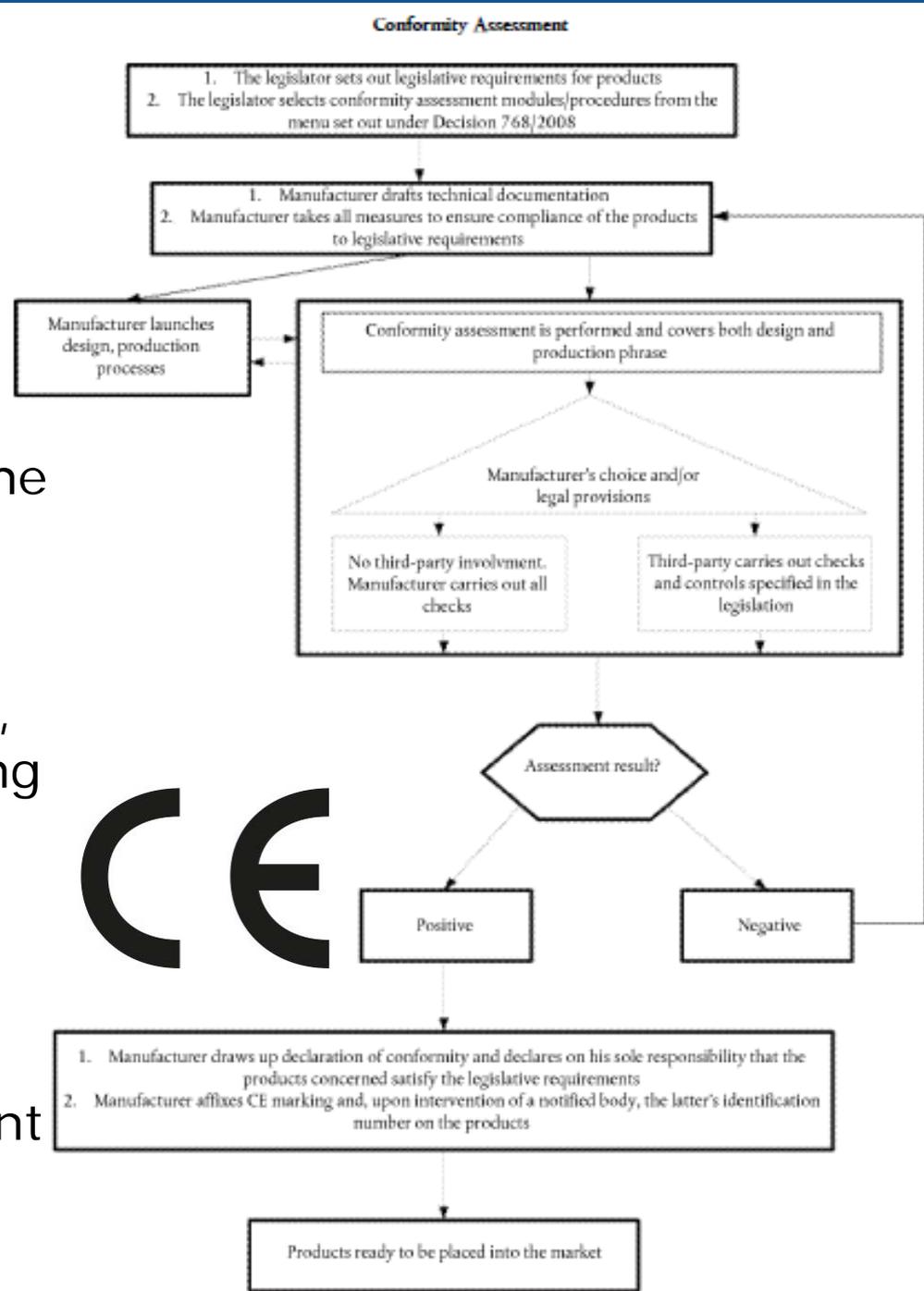
# STRUBIAS recovery rules



# Quality control system

- Assessment of the quality of the design and production phase to ensure full compliance with the legislative requirements that apply to the handling, transport, product inspection, and operating conditions of the STRUBIAS production processes.

- requests manufacturers of STRUBIAS materials to operate an approved quality management system assessed by a notified body ("module D1").





**Thank you!**

Feedback on STRUBIAS pre-final report from member organisations by 14 September through CIRCABC

## **JRC Fertilisers Team**

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