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WOULD A SHIFT TO AGROECOLOGICAL SYSTEMS CHANGE DAIRY PRODUCTS' ROLE IN MEETING HUMAN NUTRITIONAL NEEDS?

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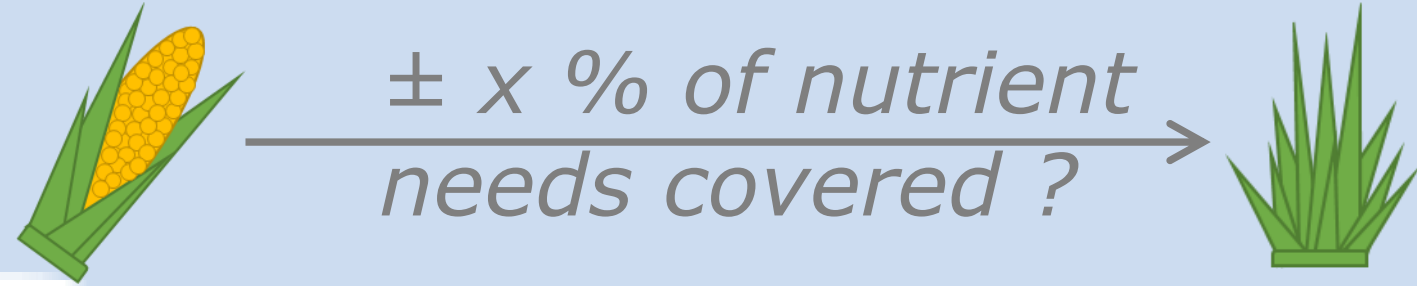
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INTRODUCTION

Lever for tackling environmental challenges = farm agroecological transition

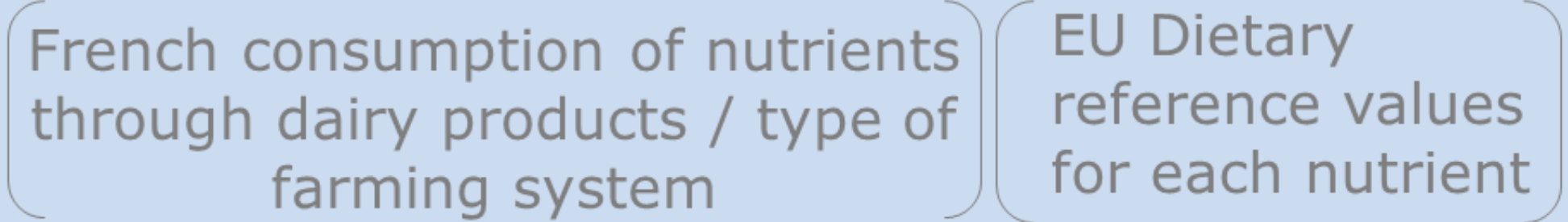
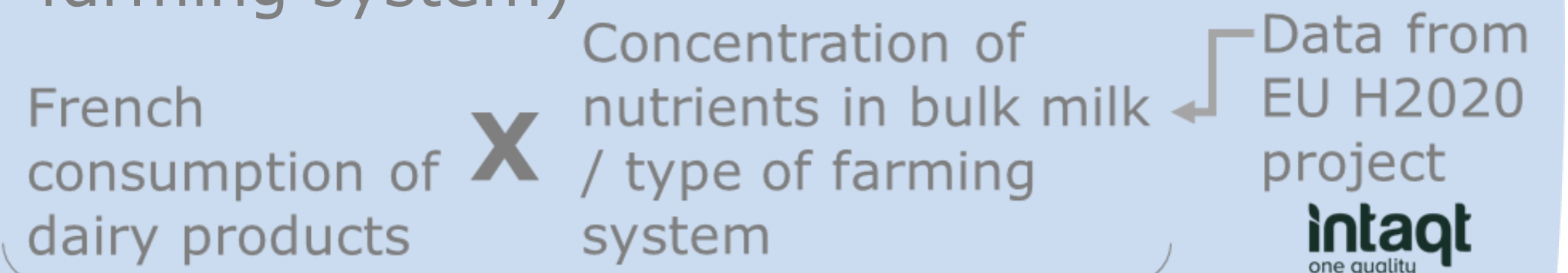
BUT unknown impact of this transition on contribution of dairy products to meeting human nutritional requirements

Aim of this study = to characterize the evolution of the population reference intake coverage by dairy products in France, when transitioning from conventional corn-based systems to organic grass-based systems.



METHODS

Calculation of the contribution of dairy products to nutrient recommended dietary intake according to the farming system (considering constant dairy consumption & all the milk produced with a same farming system)



INCA3, 2017; EFSA, 2019; WHO, 2023

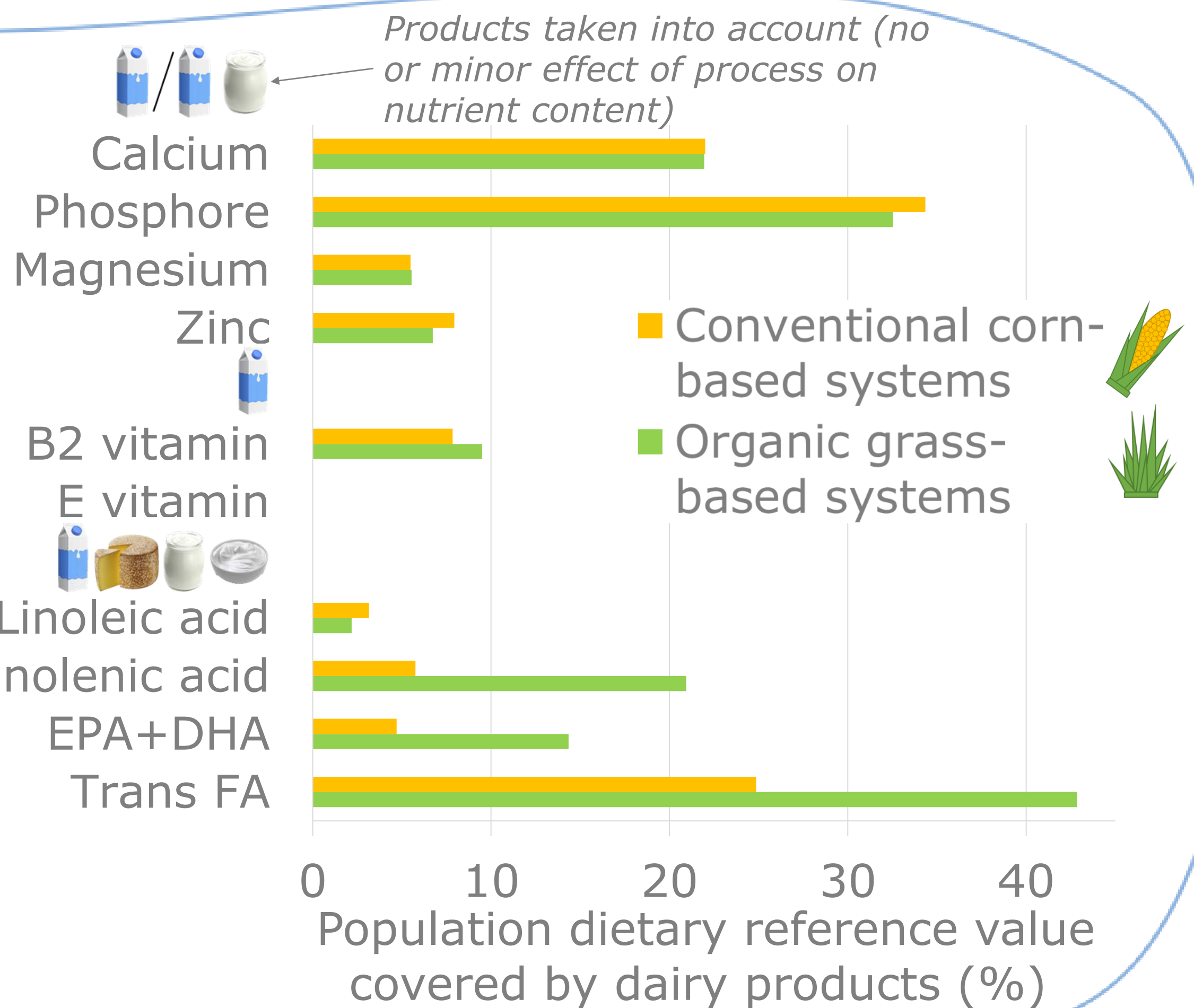
RESULTS

Switching from a conventional corn-based to an organic grass-based system...

... had no major impact on the contribution of dairy products to meeting dietary reference values for minerals & vitamins B2/E

... tripled the contribution of dairy products to meeting dietary reference values for essential FA and *trans* FA*

*Limitation of *trans* FA in EU references



CONCLUSION & PERSPECTIVES



To be continued with other vitamins/oligo-minerals & other animal-based products