

## EPOS WP 1 – Scope and (de)limitations

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Long-list of metrics and system setting for IS 1

D 1.4

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## Summary

This deliverable, D1.4, is completed within the framework of the first work package of the EPOS project, which provides the current state of industry and to obtain an industrial baseline. As such, it is important that such a baseline be constructed upon indicators which are specific to each industrial sector but also those which are cross-sectorial. In the context of this deliverable, each industry presents a list of key performance indicators which are used in the industry or specifically in the lead EPOS sites followed by a comprehensive list of indicators from literature and practice which cover the domains of legal, economic, spatial, technical and social as well as environmental and overall sustainability research from the perspective of people, planet and profit.

Indicators currently used in industry will be mapped to the potential list of indicators found in the literature and will naturally progress to a first refinement of the list considering what indicators are currently used in industry. Synergies are noticed with the European project MORE which also recommended a set of indicators based on various sources. The literature addressed in this deliverable takes into account what was done within the context of MORE while also deeply exploring literature to define indicators based on common practice as well as more academic sources. Indicators from the fields of accounting, life-cycle assessment, sustainability reporting, material flow analysis, economics and LESTS methodologies are sourced to create an extensive long-list of possible indicators to be considered throughout the remainder of the EPOS project. Due to the extensive work carried out by the industrial actors and universities, the final long-list of indicators is defined, fulfilling the goal of milestone 2 of the EPOS project.

Following the assessment in this deliverable, the defined list of metrics and KPIs will be discussed, reviewed and revised to contribute to the assessment methods for industrial symbiosis considered for the remainder of the EPOS project. Further refinement of the list will be carried out in a number of iterative steps with collaboration between the industries, universities and SMEs to arrive at a final list of KPIs. The selection will proceed from the information provided in this deliverable and will result in a reduced list of sectorial and cross-sectorial KPIs to be considered in the scenario calculations of the EPOS toolbox. In addition, there is direct impact for the inclusion of non-technical checks and the development of the EPOS footprinter to be included within the toolbox.