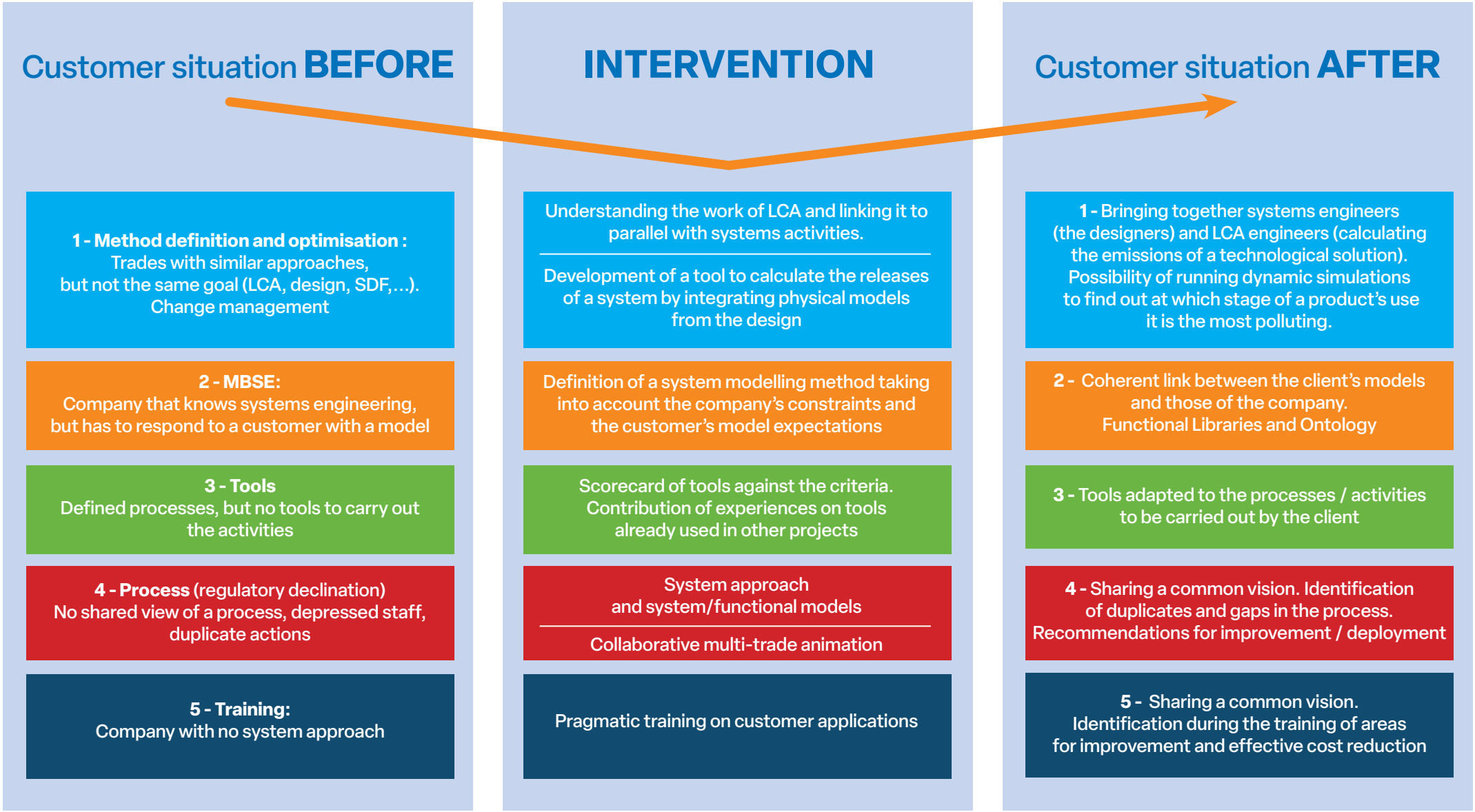
Customer situation BEFORE
INTERVENTION
Customer situation AFTER
1 - Method definition and optimisation : Trades with similar approaches, but not the same goal (LCA, design, SDF,...). Change management
2 - MBSE: Company that knows systems engineering, but has to respond to a customer with a model
3 - Tools Defined processes, but no tools to carry out the activities
4 - Process (regulatory declination) No shared view of a process, depressed staff, duplicate actions
5 - Training: Company with no system approach
Understanding the work of LCA and linking it to parallel with systems activities.
Development of a tool to calculate the releases of a system by integrating physical models from the design
Definition of a system modelling method taking into account the company's constraints and the customer's model expectations
Scorecard of tools against the criteria. Contribution of experiences on tools already used in other projects
System approach and system/functional models
Collaborative multi-trade animation
Pragmatic training on customer applications
1 - Bringing together systems engineers (the designers) and LCA engineers (calculating the emissions of a technological solution). Possibility of running dynamic simulations to find out at which stage of a product's use it is the most polluting.
2 - Coherent link between the client's models and those of the company. Functional Libraries and Ontology
3 - Tools adapted to the processes / activities to be carried out by the client
4 - Sharing a common vision. Identification of duplicates and gaps in the process. Recommendations for improvement / deployment
5 - Sharing a common vision. Identification during the training of areas for improvement and effective cost reduction