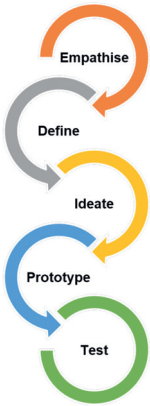Arke and DIEManalytics are excited to announce the expansion of our specialist Decision Support services through an exclusive partnership for the collaborative delivery of System Dynamics (SD) capability.

SD gives insights to the real-world impact of changes to a complex system by considering the causes and effects of non-linear, and often unexpected, behaviours of the system.

Empathise
Define
Ideate
Prototype
Test

DIEM process

Stakeholder engagement

Synthesis & simulation

Verification & Validation

Insights are achieved through applying specific stakeholder collaboration tools and modelling techniques representing time delays, feedback loops, stock levels of materiel, flows rates of materiel, and drivers impacting these rates.

SD is particularly beneficial when the system of interest is large and complex and could benefit from high-level analysis to identify bottlenecks and areas of strategic risk. This approach enables hypotheses to be tested and sensitivity to various technology or policy options to be examined.

This ongoing partnership will enable Arke to bring additional benefit to our customers and draw on more than 25 years' knowledge and expertise. Combining the great heritage developed by the DIEManalytics team, with Arke's broad analysis and consultancy skills, presents an opportunity to offer this efficient and pragmatic approach to a wide range of areas, covering, for example, logistics flows, information systems and training pipelines.

We cut through complexity to arm you with the evidence and advice you need to make good decisions.