**DELIVERABLES**

* D1.1 - An integrated set of methodologies and algorithms for optimizing distribution,

manufacturing networks and entire supply chains.

* D1.2 - An integrated set of methodologies and algorithms for optimizing multi-enterprise supply chains.
* D1.3 - A formal optimization-based approach to tackle uncertainty aspects during the design stage of extended enterprises.
* D2.1 - Optimization-based Techniques for demand forecasting.
* D2.2 - Algorithms for inventory management and control.
* D2.3 - Models, algorithms for production and distribution planning in flexible enterprises.
* D3.1 - A modeling and optimization framework and solution techniques for production, financial, and environmental aspects, risk and uncertainty aspects in flexible enterprises and complex manufacturing networks.
* D3.2 - Report on incorporating Life Cycle Knowledge to the entire manufacturing network for enhanced Supply Chain sustainability.