The managerial organizations are betting to have best results by means utilization collaborative processes and coordinated with her strategic partners. Researchers that study logistics are concentrating the design of new methodologies, methods, techniques and tools that they allow managing adequately the policies for demand driven supply network. The objective of this paper is to propose a methodology that managed as a project the coordination of inventory for multiproduct with multiple companies for the optimization the costs joint logistics in an operating context of urban distribution of goods demand driven. The decisional vision of this methodology is based in the model of periodic review of economic order interval for multiple items extended to a system just in time that in general, consists of determining a common replenishment epoch for the efficient charging unit homogenizing its stock keeping unit in two containers base ten for the model of physical distribution between a supplier and multiple buyers. Finally, was tested in a company leader in the manufacture of parts for vehicles of Bogotá D.C achieving improve joint logistics costs of storage up to 0.85 points absolute in comparison with his own model of accounting cost the service of the storage, allowing him to estimate the unitary benefits of the service provided the inventory management in 1,7 USD/m2-month by warehouse position and the 2 USD/m2-month by container.

Keywords
Logistics, supply chain, demand driven supply network, methodology, city logistics, coordination of inventory.