



Aankhen Inc.

Carbon footprint reduction by Aankhen Inc.

Each supply chain creates a unique carbon footprint. Procurement and logistics directly shape the carbon footprint of an enterprise. Regardless of the business model including off-shoring or outsourced manufacturing, each enterprise owns the responsibility to manage and reduce its carbon footprint. Balancing carbon footprint reduction with economic justification is a business necessity that must be addressed for sustainability of any carbon footprint reduction initiative. Aankhen's unique visibility solutions, process and domain expertise help enterprises see and reduce their carbon footprint and cost without increasing risk.

visibility identifies the opportunities for continuous carbon footprint reduction and cost improvement by exposing existing supply chain inefficiencies. Actionable visibility creates a surprising "I didn't know we did that!" awareness, followed by "What is the impact of changing that?" resulting in action with "Let's change that." Aankhen's innovative technology accelerates the savings realization process with intelligence and automation.

Carbon footprint reduction

Aankhen leverages Procurement and Logistics functions

Carbon Footprint



What you cannot see can cost you

Supply chain visibility plays a significant role in enabling carbon footprint reduction with cost savings. Actionable

visibility identifies the opportunities for continuous carbon footprint reduction and cost improvement by exposing existing supply chain inefficiencies. Procurement's decisions determine the "from" and "to" supply chain locations for movement of manufactured



Procurement  **Logistics**

goods, while Logistics ensures fulfillment. In supply chains this encompasses complex multi-modal networks, creating a carbon footprint unique to each enterprise across the globe. Each enterprise therefore has the ability to directly influence the reduction of its carbon footprint and realize cost savings.

Effecting change

In most enterprises, Procurement and Logistics work in their own organizational silos. Material cost is a major factor in Procurement's decisions. Transportation costs and service levels are a major factor in Logistics' decisions. Rising fuel costs, for example, trigger an increase in both material and transportation costs. Low-cost country sourcing decisions create a new carbon footprint and cost variables. Understanding the total cost of procurement and logistics is therefore critical to reducing the carbon footprint.

Because of the manual RFP/RFQ process, complexity and time pressure to finalize pricing negotiations, procurement personnel

Using RFID and GPS technologies Aankhen creates visibility using a new source of data and information that did not exist before.

have no opportunity to address carbon footprint issues. Logistics personnel are focused on ensuring supply continuity, fulfilling procurement decisions made earlier. The complexity of the number of variables and supply chain dynamics that must be

taken into account for every decision is beyond an individual's capacity. Aankhen addresses these issues with an integrated process and technology to enable decision makers to see the physical flow of goods in the supply chain and the computed "Shouldbe Cost®."

In general, a physical supply chain begins with packaging an item and placing it in a box, which is placed in another box, which is put on a pallet, which is then put in a container and transported by multiple modes of transport to its destination where the reverse process of unpacking occurs. Every step of this process and material content creates a carbon footprint and is an opportunity for reduction. Aankhen has saved customers millions in costs and reduced their carbon footprint directly without increasing supply chain risk in the high-tech industry.

Actionable Visibility

Visibility to the physical flow of goods in the supply chain using RFID & GPS technologies by Aankhen creates a new, accurate source of data and information that did not exist before, triggering an "I didn't know we did that!" awareness. The ability to see the carbon footprint, the inventory and the inefficient utilization of resources in the supply chain network in the context of a procurement or logistics decision maker invokes a call to action. Aankhen's ability to compute the "what if" cost of a proposed change to the physical flow of goods enables users to quantify, justify and prioritize the proposed changes to realize measurable reductions in costs and the carbon footprint.

About Aankhen Inc.

Aankhen, Inc. is a Supply Chain 2.0 solutions and services provider enabling "Shouldbe Cost®"-based management of procurement and smart RFID- & GPS-based supply chain visibility to manage logistics.

Aankhen recognizes that each supply chain is unique. What works for Dell does not work for HP or IBM. The people, process and technologies are different, and each enterprise has its own unique DNA. Aankhen provides focused solutions, process and domain expertise to deliver a measurable, sustainable and cost-effective reduction in carbon footprint and costs. To reduce

your carbon footprint and supply chain costs you can contact Aankhen to schedule a no-cost assessment by sending an e-mail with your contact information to request@aankhen.com or visit our Web site at www.aankhen.com.