

Title: U.S. Navy Sustainability Management System Program – Practical Application of LCA/M

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Abstract: All federal agencies of the United States are directed by Presidential Executive Order (E.O. 13148) to integrate environmental accountability into agency day-to-day decision-making and long-term planning processes, across all agency missions, activities, and functions. A critical feature of this executive order is the direction for all agencies to implement Environmental Management Systems by December 31, 2005. Additionally, section 302 of the E.O. requires that “Each agency with facilities shall establish a pilot program to apply life cycle assessment and environmental cost accounting principles.”

Gary Locke, Governor of the State of Washington, has championed the “Action Plan for a Sustainable Washington,” which established a very aggressive program to facilitate achievement of eight essential strategic Sustainability outcomes by the year 2030. The senior military leadership in Washington State has decided to integrate their coordinated efforts to comply with E.O. 13148 with the Governor’s statewide program. This decision has stimulated the creation of an innovative pilot within the military organizations to implement Sustainability Management Systems, with the ultimate goals to be consistent with the overall Washington State Action Plan and program.

While much has already been done to move the U.S. Navy Shore establishment towards sustainable business practices, to date the efforts have not been effectively coordinated and are not linked to the ongoing budget processes. The Navy contribution to the overall Washington State program will serve two main purposes: 1. To stimulate Sustainable business practices in the Navy’s Northwest Region to allow the Navy to meet a very austere budget profile. 2. Develop tools, training and implementation skills to spread to other Navy Regions to facilitate sustainability in the Navy’s Shore establishment worldwide.

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