

## ABSTRACT

Environmental load reduction and an economic value are achieved by using a financial instrument with an interest rate linked to the environmental load.

5           A financial instrument management system holds: supply chain information indicating a task conducted by a user of supply chain, a facility used for the task, and an environmental load caused by the task; instrument information indicating a financial instrument contracted by the user and an interest rate based on achievement of a target value of the load; and an expression for calculating an economic value  
10 generated by the task, determines a facility possibly being a control target by comparing a cost when an interest rate for when the target value is underachieved, based on the load and the instrument information, is applied with the economic value based on the expression and the supply chain information; and generates a control message for the determined facility.

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[Fig. 1]