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Vietnam

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- 10 Keywords: eco-industrial park, participatory method, standards, indicators, resource efficiency
- 11 Abstract:
- 12 The number of industrial parks has increased steadily worldwide, especially in industrializing and
- 13 emerging economies. However, most industrial parks are still being planned, built, and managed with
- 14 little concern for resource efficiency and social and environmental impacts. In response, eco-industrial
- 15 parks (EIPs) are currently being considered in many developing and transition economies. The absence of
- 16 a replicable deployment method and a normative standard for EIPs, or even of a widely accepted
- 17 definition, results in difficulties in finding a flexible, but robust management scheme and related
- indicators adapted to such complex industrial systems.
- 19 This paper aims to address EIP implementation and monitoring by providing a new approach to EIP
- 20 development in Vietnam as part of the United Nations Industrial Development Organization's cleaner
- 21 production program. It fills a gap in research about how to engage in EIPs at a national level when know-
- 22 how and general resource efficiency level are low. The methodology proposed establishes a bottom-up
- 23 participative process adapted to transition and developing economies to foster EIP emergence and define
- 24 minimum requirements, related indicators, and a continuous improvement method. A two-day expert
- 25 group meeting took place in Vietnam in September 2016. A participative approach was applied over three
- 26 work sessions. This national consultation resulted in a joint definition and vision of EIPs in Vietnam,

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