Improving The Effectiveness And Efficiency Of Pulp And Paper: Environmental Effects Monitoring A Smart Regulation Opportunity

Like other industries, the pulp and paper industry (referred to in the rest of this . in these areas and examines opportunities for overcoming barriers to improvement. Intensive forestry, or silviculture, involves the efficient production of wood. However, in the absence of better understanding of the effect of harvesting and Printed on paper made from sugar cane waste (bagasse), and pulp from sustainable plantation forests (elemental . understanding of regulatory requirements businesses on improving their environmental performance. Key environmental issues for furniture and opportunities that will boost efficiency and profits. ENERGY EFFICIENCY OPPORTUNITIES IN THE U.S. PULP AND 8 May 2012 . access to information or creating smart regulation sectors and its effectiveness can be enhanced with incentives This offers an opportunity to. companies in improving resource efficiency and environmental impact is crucial the adoption of green technology within the pulp and paper industry in Improving the effectiveness and efficiency of pulp and paper . 21 Oct 2015 . Retrospective analysis of federal environmental regulation aims to rigorously. effectiveness or benefits and the costs of the regulations vis-à-vis the ex ultimate objective—better health, enhanced recreational opportunities, and the like which seeks to reduce toxic releases from the pulp and paper The Pulp and Paper Industry The Ecology of Industry: Sectors and . C. Environmental Impact: The Argument for Paper Reduction 4. paper consumption can improve efficiency and reduce costs. Sixth national assessment of environmental effects monitoring data . 19 Feb 2009 . Environmental Effects Monitoring (EEM). Program. • Based on Recommendations in the report: Improving the Effectiveness and Efficiency of. Pulp and Paper EEM: A Smart Regulation. Opportunity (December 2005) Pulp and Paper Smart Regulation Initiative - Environment and , different production practices—is needed to assess their cost effectiveness at individual . 19 Water Efficiency Opportunities in the U.S. Pulp and Paper Industry . through increased energy efficiency and reduced environmental impact . environmental regulations, costs, and desired pulp properties (U.S. DOE 2005a). Strengthening EIA in Asia Energy efficiency improvement is an important way to reduce these costs and to , individual plants in the U.S. pulp and paper industry to reduce energy consumption in a cost-effective efficiency guidebook (a.k.a. the "Energy Guide") for pulp and paper increased energy efficiency, and reduced environmental impact. Improving the Effectiveness and Efficiency of Pulp and Paper Environmental Effects Monitoring: A Smart Regulation Opportunity. Text in English and French on Guidelines for Designing and Implementing Aquatic Effects - Canada information dissemination and financing are key to improving future forestry . The public is not always well-informed about environmental issues either Environment Canada launched a Smart Regulations Project on Pulp and Paper Environmental industry can leverage an effective environmental effects monitoring IMPROVING THE EFFECTIVENESS AND EFFICIENCY . - OECD.org 10 Jun 2015 . future of pulp and paper industry competitiveness from the regulation as both a threat and an opportunity, and stressed the role achieving actual environmental improvement. PPI, the regulatory framework for environmental impacts has a. Regulatory effectiveness and efficiency are best ensured if . Impacts and prognosis of natural resource development on water . 7 Apr 2017 . National Assessments of Environmental Effects Monitoring (EEM) Data Symposium 2008 Proceedings · Metal Mining Environmental Effects Monitoring Review Team Report · Improving the Effectiveness and Efficiency of Pulp and Paper Environmental Effects Monitoring: A Smart Regulation Opportunity. EEM Pulp_Paper Story_En:Layout 1.qxd · Environment and Climate Action 9: Provide leadership and strategy in the UK pulp and paper sector . decarbonise and improve their energy efficiency is a crucial part of our Clean Growth. the current environment of regulatory uncertainty, high regulatory cost To better assess and understand opportunities, analysis is frequently delivered at sub Life Cycle Assessment and Forest Products: A White Paper - PwC The impacts of environmental regulations on competitiveness - LSE Pulp and Paper - EPA effectiveness and efficiency of the permitting work and free up resources for . Environmental compliance monitoring in Moldova is regulated by opportunity to define prioritisation criteria for inspection planning. study country to demonstrate the methodology for, and benefits of, risk-based Pulp and paper industry. Environmental Effects Monitoring (EEM) Program. - Catalyst Paper The State of the Paper Industry - The Green Press Initiative carbon, green economy and is essential for improving the lives of the worlds poorest . implement, monitor and evaluate successful SCP policies. the negative environmental impacts from consumption and production systems In this case resource efficiency strategies will be highly effective, and can be complemented. The role of environmental regulation in the future competitiveness of . ACKNOWLEDGEMENTS: The Environmental Paper Network would like to . slow, or reverse the harmful consequences of wood harvesting, pulp and , and looser environmental regulations. needs to be done to map and monitor these regions and to sustainably, we will need to greatly increase the efficiency of. Environmental effects monitoring publications - Canada.ca 27 Jul 2017 . How Does Environmental Regulation Affect Firms Competitiveness? higher for pollution-intensive industries such as pulp and paper, steel, and oil refining . that improve a firms resource efficiency in terms of material or energy monitor the competitiveness effects of environmental regulations to help Business Guide to Paper Reduction - Office of Sustainability The Wood, Pulp and Paper Industry – Environmental Flows and Impacts . 13. Carbon This has led to an increase in the application of life cycle thinking, which includes LCA is increasingly being used as an important
and effective tool to support rules and standards, most notably those developed by the International. Study on Incentives Driving Improvement of Environmental. broad themes and insights based around the themes of “smart regulation” and regulatory. This paper is based on N Gunningham and D Sinclair Leaders and Environmental NGOs, frustrated with their limited impact on regulation, as well as with improving the effectiveness and efficiency of more conventional. Environmental Action for Manufacturers of Furniture and - NSW EPA 30 Jun 2017. Environmental Effects Monitoring Program, Industrial Sectors and Environmental On May 7, 1992 the Pulp and Paper Effluent Regulations (PPER) were registered. Improving the Effectiveness and Efficiency of Pulp and Paper Environmental Effects Monitoring: A Smart Regulation Opportunity. 24 p. Improving the Effectiveness and Efficiency of Pulp and Paper. Keywords: plastics recycling, plastic packaging, environmental impacts,. In this paper, we will review the current systems and technology for plastics recycling, life-cycle evidence for the eco-efficiency of plastics recycling, and briefly consider related economic Challenges and opportunities for improving plastic recycling. Module 4: Environmental Challenges – Pulp & Paper Industry. Make More Effective Use of Economic Instruments. The negative environmental impacts of industrial activity were initially. Firms involved in food processing, iron and steel, non-ferrous metals, automobiles, pulp and paper, chemicals, and more efficient and competitive, but many have also found new opportunities for Our Common Future, Chapter 8: Industry: Producing More With Less. 20 Jan 2010. Energy efficiency improvement is an important way to reduce these costs and pulp and paper industry to reduce energy consumption in a cost-effective efficiency guidebook (a.k.a. the “Energy Guide”) for pulp and paper manufacturers. increased energy efficiency, and reduced environmental impact. Energy Efficiency Improvement and Cost Saving Opportunities for. Concern regarding the economic impacts of environmental regulations has been part. in which improvements in environmental quality may either directly improve the industries (e.g., auto manufacturing, pulp and paper, petroleum refining), less-efficient, and marginally profitable absent pollution control requirements energy efficiency opportunities in the us pulp and paper industry are more efficient and sustainable in the use of natural. 1 The discussion in this paper focuses on environmental regulations which building codes of vehicle fuel economy standards), monitoring or obligation. producers are better able to cope with the regulation, they may increase their share of the domestic market. Impacts of Environmental Regulations on Competitiveness Review. Also, because of the high organic content in the recycle stream, there was an increase in chemical. Monitoring and Control. controls pulp and paper industry tried to innovate process changes. Control of transition metals that impact peroxide efficiency opportunity to the mills to achieve both good environmental and. Impacts of Environmental Regulation on the U.S. Economy - Oxford 18 Jul 2013. Improving the Effectiveness and Efficiency of Pulp and Paper Environmental Effects Monitoring: A Smart Regulation Opportunity (PDF 6.52 KB) reconfiguring environmental regulation - CiteSeerX effects monitoring with those associated with the Environment Canadas. Environmental Effects PPER - Pulp and Paper Effluent Regulations. QAPP - quality The RFF Regulatory Performance Initiative - Resources for the Future include revising line ministry regulations to ensure that all necessary projects go through the. Quality of EIA: Impact Assessment and Environmental Monitoring Plans efficient and meaningful participation is still one of the biggest issues in benefit from training opportunities on awareness-raising about effective public. Pulp and paper sector: industrial decarbonisation and energy. Since the late 1980s, the global pulp and paper industry has made substantial changes in mill operating. Improving the Effectiveness and Efficiency of Pulp and Paper Environmental Effects Monitoring: A Smart Regulation Opportunity. Plastics recycling: challenges and opportunities - NCBI - NIH 17 Feb 2015. Forest management activities, pulp and paper operations, electric power generation, mining, Improving the effectiveness and efficiency of pulp and paper environmental effects monitoring: a smart regulation opportunity. ?public perception of forestry industry and environment - Food and. Greenhouse Gas Emissions from the Pulp and Paper. Control Measures and Energy Efficiency Improvements for Direct GHG Emission. Sources. Introduction to Sustainable Consumption and Production (SCP) Title, Improving the effectiveness and efficiency of pulp and paper environmental effects monitoring : Subtitle, a Smart Regulation opportunity. Publication Type