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EDUCAÇÃO AMBIENTAL E HIPERMÍDIA: UMA RELAÇÃO POSSÍVEL? - Gelze Serrat de Souza Campos Rodrigues, Marlene Teresinha de Muno Colesanti 2

APRESENTAÇÃO DA TECNOLOGIA DE AQUECIMENTO SOLAR ATRAVÉS DE PAINÉIS A VÁCUO - André Luis U. Homem de Melo, Teófilo Miguel de Souza 7

FATORES DE INOVAÇÃO CONDICIONANTES DE SUCESSO DAS EMPRESAS DE BASE TECNOLÓGICA DA REGIÃO DO VALE DO PARAÍBA PAULISTA - Walter Saraiva Lopes, Renato José Sassi 10



Revista SODEBRAS – Volume 4 – nº 48 – dezembro / 2009

EDUCAÇÃO AMBIENTAL E HIPERMÍDIA: UMA RELAÇÃO POSSÍVEL?

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Abstract. Over the past twenty years the development of new technologies of information and communication, and the expansion of its use has created enormous expectations and possibilities in education. Regarding Environmental Education, the use of new information technologies and communication represents a step forward, because the integration of information technology and multimedia to provide awareness and knowledge of different environments and their specific problems by students, for more spatially distant they are. In view of these findings this paper seeks to present the development of a project at the Institute of Geography, Federal University of Uberlândia, Brazil, concerning the building of a teaching material for environmental education, based on hypermedia, focused on Park City Victório Siquierolli, in Uberlândia, the state of Minas Gerais, for elementary school students. Municipal Park Victório Siquierolli is located entirely within the urban area of Uberlândia. From the conception of Environmental Education linked to the pedagogy of complexity, we decided to study the principles of environmental education in digital media through the use of images, text and sounds on the Park, implemented by hypermedia technology is not sequential, whose information are accessed in order associations. Tests were conducted in two schools, one public and one private, covering three main aspects: the degree of user familiarity with computer software in general and for education, the quality of texts, images, sound and functionality of the system, and understanding of content students, and in the case of teachers, we have studied also the potential for their use by teachers in teaching environmental education.

Keywords: Hypermedia, formal education, Victorio Siquierolli Park.



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APRESENTAÇÃO DA TECNOLOGIA DE AQUECIMENTO SOLAR ATRAVÉS DE PAINÉIS A VÁCUO

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I. OBJETIVO

A utilização de coletores (painéis) solares tem vindo a crescer nos últimos anos, devido ao aumento da preocupação geral pelos efeitos destrutivos da utilização das formas convencionais de energia sobre o meio ambiente. Hoje em dia, sabe-se que os atuais consumos energéticos são responsáveis, em grande parte, pela contaminação do ar e da água, alterando o clima do nosso planeta. Uma forma de tentar ajudar a

Resolver este problema ou minimizar os danos já causados é recorrer, cada vez mais, à utilização de energias limpas e ilimitadas, neste caso o Sol, entre os abastecimentos de energia que precisamos para as nossas necessidades.

Algumas das razões (motivações) para investir em sistemas solares térmicos:

- Consciência sobre o meio ambiente (ou ecológico);
- Conservação dos recursos naturais finitos (petróleo, carvão, etc.);
- Conforto (no sentido da comodidade física);
- Independência energética;
- Redução da vulnerabilidade energética ao fornecimento de combustíveis;
- Proteção contra eventuais aumentos do preço do combustível;
- Redução de Custo de energias;
- Incremento do valor de revenda das habitações.

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**FATORES DE INOVAÇÃO CONDICIONANTES DE SUCESSO
DAS EMPRESAS DE BASE TECNOLÓGICA DA REGIÃO DO
VALE DO PARAÍBA PAULISTA**

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Abstract. The technology-based companies have an important mechanism of innovation technology the in region. These companies come to grow around centers economical, as a result of existing infrastructure and these locations contribution in support for improvement in the technical and management of interaction companies. Are companies with industrial activities and provision of services its major inputs is technological innovation in the development of new products or processes by the application of knowledge. In the process of management of technology-based companies are different factors that influence on the contribution of organizational results and complexity the management's practices combinations, often do not result in success expected. This work is to identify and analyze the managerial innovation factors that contribute to the success of technology-based companies. With methodological strategic for this study was used a documentary analysis taking a trait with qualitative approach. The choice of this approach is expected to reach a level of interaction and depth of identifying and analyzing factors innovation success for technology-based company. The results with lifting literature identified that practice of technology-based entrepreneurs requires a management innovation can create organizational and business knowledge to the competitive and successful companies, whether the differential qualifier success.

Keywords. Factors innovation, Factors success, Technology-based companies.