



018530 - SWITCH

Sustainable Water Management in the City of the Future

Integrated Project
Global Change and Ecosystems

D 4.2.5 Publications

Due date of deliverable:

Actual submission date:

Start date of project: 1 February 2006

Duration: 60 months

Universidad Nacional de Colombia -UNAL

Revision [draft 1]

Project co-funded by the European Commission within the Sixth Framework Programme (2002-2006)		
Dissemination Level		
PU	Public	x
PP	Restricted to other programme participants (including the Commission Services)	
RE	Restricted to a group specified by the consortium (including the Commission Services)	
CO	Confidential, only for members of the consortium (including the Commission Services)	

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1 Introduction

The report presents a summary of the dissemination activities of the results of Project SWITCH undertaken by the Instituto de Estudios Ambientales (Institute of Environmental Studies) IDEA of the Universidad Nacional of Colombia.

During the carrying out of this project, the active participation of the tanners of Villapinzón and Chocontá at events, trainings and activities undertaken was involved. All these activities are not related in the annexed list, but have been of significant importance for the social adoption of the knowledge.

In the document, the scientific activities are listed where project results have been presented, and the realized and projected reports.

Hard copies of the last presentations carried out are annexed.

2 Objective

A report detailing all information dissemination activities including hard copies of the produce scientific work consisting of 5 publications and 8 presentation for the scientific and professional communities.

3 Presentations, Articles and Posters in Scientific Meetings SWITCH Project

Name	Event	Place and date	Authors
Integrative Negotiation & Socialization of CP for SMEs	First SWITCH Scientific Meeting. University of Birmingham, UK	Birmingham UK, 9-10 Jan 2007	Sanz M., Siebel M, Gupta J., van der Zaag P.
Expected biophysical, social and economic benefits of Cleaner Production (CP) implementation: a tanner's experience	Syllabus 2nd SWITCH Scientific Meeting Metropolitan Hotel,	Tel-Aviv, Israel 01/11/2007	Santos T, Tobón C, Toloza C, Osorio L, Castiblanco C, Toro J, Sanz M.
Integrative Negotiation & Socialization of CP for Small and Medium Size Enterprises(Workpackage 4.2 and 6)	Syllabus 2nd SWITCH Scientific Meeting	Tel-Aviv, Israel 01/11/2007	Sanz. M, Siebel. M, Van der Zaag. P, Gupta.J
Poster: Sustainable Tanneries in Colombia	3rd Scientific meeting Belo Horizonte Brazil	Belo Horizonte Brazil. Dec- 2008	Santos T, Sanz M
Poster: Villapinzon and Choconta Tanneries: Strategic plan from an environmental approach, an integral solution based upon learning partnership	4 th Scientific meeting Delft, Netherland	Delft Netherland 01/10/2009	Santos T, Sanz M, Osorio L.

Poster: Sustainable micro tanneries: fallacy or reality?	4 th Scientific meeting Delft, Netherland	Delft Netherland 01/10/2009	Sanz M., Siebel M, Gupta J., van der Zaag P.
Poster Dissertation Thesis: Assessment of associativeness as a strategy of competitiveness in the leather tanning industries.	4 th Scientific meeting Delft, Netherland	Delft Netherland 01/10/2009	Leon G.
Bogotá: A city in search for its own identity. MICRO TANNING INDUSTRIES IWM at the Bogotá's river upper basin	5 th Scientific meeting Lodz, Poland	Lodz Poland Oct 13-16, 2010	IDEA_UNAL
The case of the micro-tanneries from Villapinzón- Colombia: A paradigm shift on the recovery of the Bogotá River	5 th Scientific meeting Lodz, Poland	Lodz Poland Oct 13-16, 2010	Sanz M., Siebel M, Gupta J., van der Zaag P.
Poster: Water use optimization in the liming process of the tanning industry, allowing better quality and lower environmental impacting	5 th Scientific meeting Lodz, Poland	Lodz Poland Oct 13-16, 2010	Fuquene D., Calle L., Manrique J., Sanz M., Siebel M.
Poster: Composting: An option for adding value to solid wastes from tanning processes	5 th Scientific meeting Lodz, Poland	Lodz Poland Oct 13-16, 2010	Bello T., Santos T., Osorio L., Sanz M.
Video: Curtiembres de Villapinzón 2010. ACURTIR	Zaragoza. Engaging stakeholders for effective change and action	Zaragoza, Dec 13-17 2010	Fernandez E., Sanz M, Santos T, Aragon C.,
SASIW: Systematic Approach for Social Inclusion in Water Problems	Zaragoza. Engaging stakeholders for effective change and action	Zaragoza, Dec 13-17 2010	Sanz M., Siebel M, Gupta J., van der Zaag P., Ahlers R.
Cleaner Production (CP) and Conflict Resolution: A way out of social exclusion. A case study on micro-tanneries in Colombia	"The Future of Urban Water: Solutions for Livable and Resilient Cities"	Paris 23-27 enero de 2011	Sanz M., Siebel M, Gupta J., van der Zaag P., Ahlers R.
Implementation of cleaner production in microtanneries in Villapinzón and Chocontá	"The Future of Urban Water: Solutions for Livable and Resilient Cities"	Paris 23-27 enero de 2011	Tobon C., Bello T., Escamilla C., Santos T., Sanz M., Siebel M.
Monitoring clean production implementation in tanneries within the framework of sustainable development	"The Future of Urban Water: Solutions for Livable and Resilient Cities"	Paris 23-27 enero de 2011	Pérez J., Álvarez A., Burgos J., Santos T., Tobón C., Bello T., Escamilla C., Sanz M., Siebel M.
Optimization of water use in the dehairing stage in a tanning process that allows the best quality of finished leather and the least environmental impact	"The Future of Urban Water: Solutions for Livable and Resilient Cities"	Paris 23-27 enero de 2011	Fuquene D., Calle L., Manrique J., Sanz M.

Poster: Composting: An option for adding value to solid waste from the tanning processes

"The Future of Urban Water: Solutions for Livable and Resilient Cities"

Paris 23-27 enero de 2011

Bello T., Santos T., Osorio L., Tobón C., Sanz M., Siebel M.

4 Presentation in other Events

Name	Event	Place and date	Authors
PROYECTO SWITCH en Colombia-UNAL	Syllabus of <i>Xth International Seminar on Environment and Sustainable Development</i>	Bucaramanga, Colombia. Sep-07, 2007	Santos T.
Expected benefits from the CP implementation in six tanneries of Villapinzón	Syllabus of <i>Xth International Seminar on Environment and Sustainable Development.</i>	Bucaramanga, Colombia. Sep-07, 2007	Tobón C., Toloza C.
Corresponsabilidad ambiental nacional e internacional y las cadenas productivas	2009 Costa Rica global conference bussines and finances	Costa Rica, May 27-30 2009	Chiquillo O., Rojas J.
La encrucijada, entre la política medio ambiental y comercial	2009 Costa Rica global conference bussines and finances	Costa Rica, May 27-30 2009	Hernández O, Cierra C.
Poster of the SWITCH project	I II y III Exposición Itinerante de Extensión. Universidad Nacional de Colombia.	Bogotá, Colombia.2009, 2010, 2011	Santos T. Osorio L.
Implementación de producción más limpia en doce curtiembres de los municipios de Villapinzón y Chocontá	Agua 2009: La gestión integrada del recurso hídrico frente al cambio climático	Cali, Colombia. 9 - 13 Nov. 2009	Tobón C, Bello T, Escamilla C
Sustainable micro-tanneries: fallacy or reality?	Agua 2009: La gestión integrada del recurso hídrico frente al cambio climático	Cali, Colombia. 9 - 13 Nov. 2009	Sanz M., Siebel M, Gupta J., van der Zaag P., Ahlers R.
Cleaner production implementation process focused on an integral water management: the case of tanneries in Villpinzon and Choconta.	5th Annual International Symposium on Environment at the Athens Institute for Education and Research.	Athens, Greece. 20 - 23 May 2010	Santos T, Tobón C.
SWITCH El manejo sostenible del agua en las ciudades del mañana	Foro de Extensión UN 2010	Bogotá, Colombia. 19-20 Oct 2010	Santos T
Manejo Integral del agua, Proyecto SWITCH	Primera feria del ambiente y la biodiversidad, Gobernación de Antioquia	Medellín, Colombia, Nov 26, 2010	Osorio L.
Presentación de todos los componentes del proyecto.	I y II semana de la investigación. IDEA UNAL		Osorio L, Santos T, Sanz M, Aragón C,

5 News and Media

Article	Newspape	Webpage	Date
Compostaje de residuos sólidos en Villapinzón	UN periódico	http://www.agenciadenoticias.unal.edu.co/articulos/ciencia_tecnologia/ciencia_tecnologia_20080829_pelo.html	08/09/2008
		http://www.agenciadenoticias.unal.edu.co/index.php?id=2&tx_ttnews[pointer]=1&tx_ttnews[tt_news]=5263&tx_ttnews[backPid]=1&tx_ceilery_pi1[album]=666&cHash=395e5aacca	03/31/2009
Villapinzón se rehabilita en lo ambiental y en lo económico	UN periódico	http://www.unperiodico.unal.edu.co/index.php?id=457&tx_ttnews[tt_news]=16314&tx_ttnews[backPid]=87&tx_ceilery_pi1[album]=0&cHash=1693318cb0	08/08/2009
Competencia “en cueros”	UN periódico	http://www.agenciadenoticias.unal.edu.co/index.php?id=2&tx_ttnews[tt_news]=20879&tx_ttnews[backPid]=33&tx_ceilery_pi1[album]=1987&cHash=0f3b98a49a	11/10/2009
Reconocen los avances de los curtidores de Villapinzón	UN periódico		
Reconocen los avances de los curtidores de Villapinzón	Portafolio, el tiempo	http://www.portafolio.com.co/	11/10/2009
Dos vidas cruzadas por el mismo río	El Espectador	http://www.elespectador.com/impreso/articuloimpreso171714-dos-vidas-cruzadas-el-mismo-rio	11/11/2009
Curtiembres de Villapinzón, mejor preparadas	UN periódico	http://www.agenciadenoticias.unal.edu.co/videos/article/curtiembres-de-villapinzon-mejor-preparadas/	04/02/2009
Mónica Sanz, habla sobre la recuperación del río Bogotá y la ayuda de la Unión Europea	La W Radio	http://www.wradio.com.co/oir.aspx?id=904661	11/04/2009
Exponen en España trabajo de descontaminación del río Bogotá	El Tiempo	http://www.eltiempo.com/archivo/documnto/CMS-8601700	12/15/2010

6 MSc and PhD Theses

MSc Thesis	Faculty	Date	Author	Tutor
Estudio del proceso de compostaje de los lodos producidos en la operación de pelambre en la industria del curtido de pieles	MSc Environmental engineering	Jun-08	Nelson Cuervo	Otoniel Sanabria
Observatorio de sostenibilidad ambiental en curtiembres de Villapinzón	MSc Environment and	Dec-09	Julia Pérez	Javier Burgos

		development		
"Evaluación de la Asociatividad, como una herramienta de competitividad en la cadena de valor del cuero",	MBA	Dec-09	Guillermo Andrés León	Jose Stalin Rojas
Recirculación de baños de pelambre en la industria de curtido	MSc Environmental engineering	Dec-09	Diana Fúquene	Leonardo Calle
Análisis de cómo integrar a la cadena productiva las grasas obtenidas a partir del unche generado en la operación de descarte de la industria de curtido y preparado de cueros."	MSc Agronomy	Jun-10	Franklyn Rojas	José Stalin Rojas

7 Articles, Books, Chapters Of Books

ARTICULES

Name	Status	Author
Optimization of water use in the dehairing stage in a tanning process allowing for a better quality of the final leather and the least environmental impact	Forthcoming	Fuquene D., Sanz M., Siebel M.
Cleaner production implementation in micro tanneries of Villapinzon and Chocontá	Forthcoming	Tobon C., Bello T., Escamilla C., Santos T. Osorio L Sanz M., Siebel M.
Composting: An option for adding value to solid waste from the tanning processes	Forthcoming	Bello T, Sanz M., Siebel M.
Systematic approach to conflict resolution on the basis of cleaner production: A way out of social exclusion for micro-tanneries in Colombia	Forthcoming	Sanz M., Siebel M, Gupta J., van der Zaag P., Ahlers R.
Sustainable tanneries: fallacy or reality	Forthcoming	Sanz M., Siebel M, Gupta J., van der Zaag P., Ahlers R.

BOOKS

Subject	Date	ISBN
Compilation of technical material for tanneries	Forthcoming	
Results of the project	Forthcoming	

CHAPTERS OF BOOKS

Name	Author
Chapter on the book of the SWITCH cities: The Bogota Story	Sanz M.
Chapter on the tanneries on Conflict at the tanneries in Villapinzón Colombia, for the book FOR SWITCH in conflict resolution	Sanz M.

8 Technical documentation.

Name	Type	Date
Cartilla PML, afiches de mejoramiento de proceso productivo, formatos para documentación empresarial	Didactical material for tanners	Feb-09
Guia para la implementación de PRODUCCION MAS LIMPIA (PML) en Micro y Pequeñas empresas de Curtido	Didactical material for tanners	May-10

9 Events for dissemination in Colombia

Name	Number assistants	Place
Lanzamiento del proyecto SWITCH en Colombia	100	Edificio Alfonso López UNAL
Avances del proyecto SWITCH en Colombia	200	Dann Carton Bogotá
Latinoamerican meeting SWITCH project	30	Hemeroteca UNAL