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## EMSC Profile

### Competences

- Experts in environmental impact assessment and strategies for sustainable development for industry and public sector. Our qualifications: Dr. sc. nat ETH and national EFQM Assessor & Quality and Environmental Auditor EOQ.
- Experts in textile technology, leather technology, electronic production and building construction. Our qualifications: 15 years of applied research and 30 years of industrial experience.
- Profiled for capacity building and education (25 years experience in education and 10 years experience as course director for sport instructors).
- Experienced in mediation and coaching of groups (14 years practice in industry, public sector and universities).
- Multilanguage (G, E, F, I, S) and experienced in national and international projects (EU countries, USA, Morocco, Thailand etc.)

### Clients

SME (textiles and apparel, tanneries, electronics, building constructions) Regional and national Environmental centers (capacity building)  
Public administrations (national and local)

### Projects and services:

#### Management systems

Business Excellence with EFQM  
Environmental Management  
Systems ISO 14001  
Quality Management systems ISO 9001  
Social Accountability SA 8000

#### Assessing and Auditing

Self Assessment EFQM  
Sustainability Assessment  
Eco-Profiles  
Sustainable supply management  
Life Cycle Assessment (LCA)  
Environmental Product Declaration (EPD)  
Cleaner production  
Local agenda 21

#### Process analysis

POA designer  
Focused interviews  
Life Cycle Assessment (LCA)

#### Evaluations

Client's satisfaction  
Supplier evaluation  
Employee's satisfaction

#### Capacity building

Strategies and implementation for sustainability  
Motivation and sensitization workshops  
Environmental marketing strategies  
Environmental key figures  
Internal EFQM Assessors

[Reference @web: EMSC.ch](http://www.emsc.ch)

## Marion I. Tobler



Date and Place of Birth: 17. Aug. 1951, Zurich  
Nationality: Swiss

Married: since 1974 to Hans J. Tobler, el.eng.  
Son: Harry, born 1975

Company: EMSC Dr. Marion Tobler & Partner  
Kreuzstrasse 8  
CH 8634 Hombrechtikon  
Position: owner  
[mtobler@emsc.ch](mailto:mtobler@emsc.ch)

Phone: +41 1 920 28 37 (private)  
+41 1 632 21 98 (ETH)

Employment: ETH Zurich  
Institute for Manufacturing Automation  
8092 Zurich  
Position: Senior Researcher (30% until 9.2007)  
Sustainable Industrial Production  
[mariontobler@ethz.ch](mailto:mariontobler@ethz.ch)

Marion Tobler has been working in consulting for sustainable development since 1992 and founded her own company in 2000. She holds a PhD in environmental sciences and is specialized in textile technology, leather technology, building constructions. Marion Tobler works internationally as expert. As senior researcher at ETH she has coached countless projects in industry and cotton growing in Europe, America and Asia. Her experience in marketing adds to a successful consulting of companies. Marion Tobler is RUMBA consultant (resource and environmental management system) with the Swiss government. She is a net-working person and is strongly implementation oriented.

## 1. Education

Elementary and Secondary school Thayngen (SH)	1958 – 1966
High school Schaffhausen (Matura Type C)	1966 – 1971
University of Zurich: Diploma in Biology,	1978
University of Zurich: Diploma in Higher Education	1981
ETH Zurich, Post graduate in Toxicology	1994
ETH Zurich PhD: Dr.sc.nat. in Environmental Sciences	1996
Candidate habilitation: Sustainability in Textile Production	2006/07

## 2. Curriculum vitae

### Consultancy:

Since 2000	EMSC, owner (+ 1 employee)
1997 – 2000	Partner with Bob and partners, head of environmental management systems.
1995 – 1997	Private activities: auditing in tanneries, rubber and plastic production shoe production

### Academic:

2003	Visiting professor at NCSU, College of textiles: textile marketing.
2000- 2005	Chairwoman COST action 628, working group LCA in textiles.
2003-2007	ETH lecturers: LCA Colloquium for PhD students.
1997 - 2003	ETH lecturers: Case studies in ecology (architecture).
1996 - 2007	ETH Senior researcher (Institute for manufacturing automation, group sustainable industrial production, part time: presently 30%).
1998 – 2007	ETH lecturer: Sustainable textile / industrial production
1993 – 1994	Post degree in toxicology (Schwerzenbach).
1993 - 1994	ETH lecturers at NADEL: LCA and Sustainable Development.
1991 - 1993	ETH lecturer for case studies in environmental sciences at ETH Zurich.
1979 – 1992	Professor for Biology and Health Education (with interdisciplinary workshops) at Kantonsschule Zuercher Unterland in Buelach.

## 3. Membership in professional societies:

Since 2003	Member of Fiber Society <a href="http://fs.tx.ncsu.edu/">http://fs.tx.ncsu.edu/</a>
Since 2002	Coach IG exact: AGU <a href="http://www.igexact.org/agu/index.htm">www.igexact.org/agu/index.htm</a>
2001 - 2005	Chairwoman WG LCA of COST action 628: Environmental Index in Textiles <a href="http://www.tut.fi/units/ms/teva/projects/cost628.html">www.tut.fi/units/ms/teva/projects/cost628.html</a>
2002- 2003	Chairwoman Task Force BAT (COST Action 628) <a href="http://cost628.texma.org/">http://cost628.texma.org/</a>
Since 2002	Advisory Board: Forum Life Cycle Assessment ETH Zurich and Lausanne, ( <a href="http://www.lcainfo.ch/df/default.htm">www.lcainfo.ch/df/default.htm</a> )
Since 2000	Member of SWISSMEM (Association of Swiss mechanical and electrical engineering industries) experience group ISO 14 000 ( <a href="http://www.swissmem.ch/">www.swissmem.ch/</a> )

- Since 1999 Member SVTC (Swiss Federation Textile and Chemistry)  
([www.svtc.ch](http://www.svtc.ch))
- Since 1998 Member SVU (national experts in environmental sciences)  
[www.svu-asep.ch](http://www.svu-asep.ch)

#### 4. References

- Prof. Urs Meyer [prof@texma.org](mailto:prof@texma.org)  
Institute for Manufacturing Automation, ETH Zurich
- M. Dean Ethridge, PhD [d.ethridge@ttu.edu](mailto:d.ethridge@ttu.edu)  
International Textile Center (ITC) Lubbock, (TX)
- Prof. Nancy Casill [ncassil@unity.ncsu.edu](mailto:ncassil@unity.ncsu.edu)  
North Carolina State University (NCSU), College of Textiles, Raleigh (NC)
- Prof. Subhash Batra [subhash\\_batra@ncsu.edu](mailto:subhash_batra@ncsu.edu)  
Secretary Fiber Society, NCSU, College of Textiles, Raleigh (NC)
- Prof. Ruedi Baumgartner [baumgartner@nadel.ethz.ch](mailto:baumgartner@nadel.ethz.ch)  
Co- president NADEL, ETH Zurich
- Albert Gunkel [agunkel@keller-ag.ch](mailto:agunkel@keller-ag.ch)  
CEO Keller AG, Wald, Switzerland

#### 5. Personal skills and activities

Languages	Spoken	Reading and writing
German	Mother tongue	Mother tongue
English	Excellent	Excellent
French	Excellent	Excellent
Spanish	Basic	Basic
Italian	Fair	Fair

- Civil service: Head of commission for Environmental question in Maennedorf 1998-2006.
- Member KIWANIS Club, Meilen (CH).

## Hans J. Tobler



Date and Place of Birth: 28. Jun. 1950, Bad Ragaz  
Nationality: Swiss

Married: since 1974 to Marion I. Tobler  
Son: Harry, born 1975

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Company: EMSC Dr. Marion Tobler & Partner  
Employment: Kreuzstrasse 8  
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Position: CEO  
[htobler@emsc.ch](mailto:htobler@emsc.ch)

Hans Tobler is certified and experienced European Quality and Environmental Auditor, specialized in electronics and machinery. He brings along 30 years experience and process knowledge in the electronic industry. As president of an industrial organization, founded by OECD, he increased the number of members by a factor 4 (four). He founded new working groups environment, industrial production & testing and procurement and organized several conferences. Hans Tobler is Course Director of the greatest American Diving Association.

## 1. Education

- 1957 – 1967 Elementary and Secondary school Bad Ragaz & Maennedorf  
 1971 Professional training: Diploma in Mechanics.  
 1975 Professional training: Diploma in electronic engineering  
 1996 Professional training: Diploma in Quality-Systems Manager EOQ  
 European Organisation for Quality: [www.eoq.org](http://www.eoq.org)  
 1998 Professional training: Diploma in Environmental-Systems Manager EOQ  
 2001 Professional training: Diploma in Environmental-Systems Auditor EOQ  
 2005 Requalification: Environmental-Systems Auditor EOQ

## 2. Curriculum vitae

### Practice:

- Since 2002 EMSC Dr. Marion Tobler & Partner, CEO  
 1986 – 2002 Project Leader in Quality Assurance and Components Engineering of Cerberus / Siemens Building Technologies (R&D)  
 1980 – 1986 CEO of RIALTO Elektronik H. Tobler, Männedorf (Optoelectronics for Industrial Prozess-Automation)  
 1971 – 1980 Design Engineer in Electronics (Security Systems: Fire Detection)  
 1982 – 2007 General Manager of Diving School Männedorf TSM ([www.nau.ch/tsm](http://www.nau.ch/tsm))

## 3. Membership in Professional Societies:

- Since 2006 **Assessor of ESPRIX:** The Swiss Quality Award for Business Excellence: [www.esprix.ch](http://www.esprix.ch)  
 Since 2002 **Member of Swiss Association for Quality SAQ:** [www.saq.ch](http://www.saq.ch)  
 Since 1997 **President IG exact:** (Europe: Excellence in Applied Electronics and Technologies) [www.igexact.org](http://www.igexact.org)  
 1996 – 2003 Coach IG exact AGU (Working Group Environment: [www.igexact.org/agu/](http://www.igexact.org/agu/))  
 1996 Certified for Course Director of NAUI worldwide (National Association of Underwater Instructors) at Board of Directors, USA Headquarters  
 Since 1982 **Member of NAUI:** National Association of Underwater Instructors: [www.nauww.org](http://www.nauww.org)

## 4. Personal skills and activities

Languages	Spoken	Reading and writing
German	Mother tongue	Mother tongue
English	Good	Good
French	Fair	Basic
Italian	Basic	Basic

## ANNEX 1: RELEVANT PROJECT REFERENCES

Project name and brief description:	<p><b>Formation of National Experts at the Centre Marocaine pour la production propre (CMPP), Casablanca (1 week)</b></p> <ul style="list-style-type: none"> <li>• Introduction Cleaner Production</li> <li>• Training Cleaner Production (in groups)</li> <li>• Presentation and discussion of the group work on CP</li> <li>• Introduction to Life Cycle Assessment</li> <li>• Procedure of Life Cycle Assessment</li> <li>• Labelling of textile products</li> <li>• Eco Performance</li> <li>• Cleaner Production in the textile industry</li> <li>• Preparation of the visits in companies</li> <li>• Work in the textile company (demonstration project Bericolor)</li> <li>• Discussion of the results</li> <li>• Further proceeding</li> </ul>
Country:	Morocco (Language: French)
Professional staff provided:	2 (1 EMSC, 1 EMPA)
Name of client:	Centre Marocaine pour la production propre
Project period:	2000 - 2001
Approx. value of services:	40 000 €
Project name and brief description:	<p><b>RUMBA (Resource and Environmental Management system for the Federal Administration)</b></p> <ul style="list-style-type: none"> <li>• Organization of a specific environmental management program.</li> <li>• Analysis of the environmental impacts with focus on use of space and of office materials and equipment, and job-related travel arrangements as well as impacts of each product and service.</li> <li>• Development of individual environmental management model</li> <li>• Set annually environmental objectives and measures, determine priorities.</li> <li>• In-house training and information to make staff aware of the environmental consequences of all acts and decisions.</li> <li>• Determine built-in controls and corrective measures for regularly monitoring and records.</li> <li>• Implementation of annual reporting to the RUMBA Coordination Group.</li> </ul>
Country:	Switzerland

Professional staff provided: 4 (1 EMSC, 1 Infrac, 1 Usys, 1 Baleco)  
 Name of client: Swiss Federal Administration  
 Project period: 2000 - 2006  
 Approx. value of services: 1'000'000.- CHF

Project name and brief description:

**Expertise in Life Cycle assessment of cotton/polyester overalls**

- To identify the individual processes associated with the production of the selected fabrics in spinning, weaving and finishing at the companies level.
- To elaborate of the inventory of the processes, based on data collection, measurements and calculation.
- To complete the inventory with allocated processes in the company (maintenance, air conditioning, illumination and waste management)
- To add in LCA data on all processes of the value added chain, that are not performed in the company, based on own studies and experiences.
- To select appropriate methods and calculate LCA by means of computer software.
- To consult for optimization of manufacturing processes in terms of economical and environmental impacts.

Country: Germany  
 Professional staff provided: 3 (EMSC and ETH)  
 Name of client: Lauffenmuehle GmbH  
 Project period: 2001 - 2002  
 Approx. value of services: 50 000 €

Project name and brief description:

**Process based self assessment and development of Business Excellence in a weaving mill according to EFQM**

- To identify and analyze the business process elements: leadership, policy & strategy, manufacturing processes, resources and environment, employee's satisfaction, partnership, society and key factors in economy.
- To analyze employee's satisfactions independently by means of focused interviews.
- To draw conclusions with regard to employee's satisfaction for the management.
- To coach the total quality management (TQM) team in a self assessment of processes leadership, policy & strategy, manufacturing processes, resources and environment, partnership, society and key factors in economy.
- To coach and consult the TQM team in defining areas for improvement
- To moderate and consult the TQM team in establishing improvements towards business excellence
- To consult the company to seek for recognition for Business Excellence (Swiss Prix ESPRIX).

Country:	Switzerland
Professional staff provided:	2 (EMSC)
Name of client:	Keller AG
Project period:	2002 - 2004
Approx. value of services:	85'000 SFr.

Project name and  
brief description:

**KMU Textile: Comparison of environmental re-  
quirements for textile companies in ZH and SG**

- Modeling of the textile industry (sectors of the value added chain) in Switzerland.
- Analyze of the environmental requirements for the textile industry in the two cantons from the viewpoint of authorities.
- Modeling of further requirements by ISO 14 000 and textile Labelling and Environmental Management Systems.
- Identification of 10 key companies (criteria: sector, nr. of employees and canton) for pilot analyze of the perception of their environmental requirements by means of focused interviews.
- Comparative analyze of the textile industry, concerning sectors, allocated costs, company structure, market environment and legal execution, in the two cantons by means of a questionnaire.
- Process oriented analysis of costs in the key companies. Comparison by means of key figures.

Country:	Switzerland
Professional staff provided:	2
Name of client:	Bundesamt für Umwelt
Project period:	2005
Approx. value of services:	50'000.- CHF

## ANNEX 2: EMSC PROJECTS (🏭) AND PUBLICATIONS (📄)

2006-2008	RUMBA at Agroscope <a href="http://www.rumba.admin.ch">www.rumba.admin.ch</a>
2006	Product re-qualification for RoHS compliance (Landis und Gyr)
2006	Energy consumption for a specified cotton T-Shirt (Rieter)
2006	First invited EU expert for "LCA and eco design for sustainable textile production" (2 days seminar) (Kasetsart University in Bangkok).
2006	Co-Organizer of the Seminar: Kontaktphysik (Fachhochschule Windisch)
2006 – 2007	Consultant for RoHS compatibility, re-qualification for electronic products (Landis + Gyr)
2005	Organizer & Chair of the exact Forum: Fachseminar für die industrielle Elektronik Entwicklung, Konstruktion, Qualitätsmanagement, Umweltmanagement (Ineltec Exhibition)
2005	Impact analysis of the Swiss environmental legislation upon SME in textiles Zurich and St. Gall, (BAFU). <a href="http://www.emsc.ch/KMU-Textil">http://www.emsc.ch/KMU-Textil</a>
2005	Sustainability aspects in textile design, workshop HGKL Lucerne.
2005/06	Organization of two RoHS workshops for the electronic industry (IG exact).
2004	Co-Chair of the Seminar: Bleifrei Logistik at (Fachhochschule Windisch)
2004	Co-Chair of the Seminar: Bleifrei Technologie (Fachhochschule Winterthur).
2004	Chair of the Seminar: WEEE & RoHS Elektronikschrott und Stoffverbote in der EU – die neuen Design-Anforderungen an die Produkte, (SWISSMEM).
2004	LCA for cotton processing (private organisation)
2004	CO2- target definition for the Swiss textile industry (BFE)
2003	Expertise: Scouring processes (Öko Institut Freiburg)
2003	Editors of the Study: Inventar der lokalen Agenda 21 in Männedorf for the community of Männedorf <a href="http://www.emsc.ch/LA21">http://www.emsc.ch/LA21</a>

- 2002 - 2005 EFQM at Keller AG (weaving company): coaching, education of assessors, employee's satisfaction and implementation workshops.  
<http://www.emsc.ch/EFQM>
- 2002 Nachhaltige Entwicklung der Gemeinde Männedorf (community development project)
- 2002 LCA expertise for overall fabrics at Lauffenmuehle GmbH Lauchringen (Germany) (spinning, weaving) and Wiese (Germany) (finishing).
- 2002 Chair of the exact Forum: Technologietrends in der Elektronik at Phonak Stäfa
- 2001 CMPP (Centre Marocaine de Production Propre), Casablanca. Capacity building for national experts in environmental management systems, LCA in textiles, cleaner production, eco labeling in textiles, textile technology and processing.
- 2001 Environmental assessment of a textile company "Bericolor", Casablanca (demonstration project).
- 2000 Workshops for staff CMPP (Centre Marocaine de Production Propre) in environmental management systems and tools for environmental assessment for the textile sector.
- Since 2000 Consultant for RUMBA (Resources and Environmental Management System in the Swiss Federal Administration (GS EDI, BAFU, BFE, HSK, BWG, BAK, EPA, EFV, GS EFD, IDZ EDI, ISCeco,  
[www.rumba.admin.ch](http://www.rumba.admin.ch)
- 2000-2001 Consulting ISO 14 000 for Goth logistics.
- 2000 Simplified LCA für Elektronikbauteile exact AGU.  
<http://www.igexact.org/agu/Simplified-LCA.pdf>
- 1999 Questionnaire for environmental sourcing criteria exact AGU  
[http://www.igexact.org/agu/eco\\_questionnaire.pdf](http://www.igexact.org/agu/eco_questionnaire.pdf)
- 1999 Consulting ISO 14 000 for Fiege-Goth logistics.
- 1998 Chair of the exact Forum: Procurement and Obsolescence of Electronic Components / Riskmanagement at ABB Turgi.
- 1998 Identification of tannery effluents (City of Arbon)

## ANNEX 3: PROJECTS IN APPLIED RESEARCH (ETH)

### Environmental management and ecological key figures

- Modell zur Evaluation des unternehmerischen Nutzens eines Umweltmanagementsystems nach ISO 14 000 (1997).
- Kennzahlen für die ökologieorientierte Führung von Banken (1998)
- Umweltkennzahlen für die ökologieorientierte Führung von Lebensmittelgrossverteiler. (1998)
- Ergonomie und Umweltschutz in einer Tagesklinik (1998)
- LA 21 Inventar einer Gemeinde (2003)
- Ökologische Kennziffern für Spinnen und Weben (2005).
- Determinants of Environmental Innovation in the Swiss and German Food & Beverage Industry (ongoing PhD).

### Electronics and Technics

- Stutz Markus: Geeignete ökologische Bewertung für Elektronikbauteile.(1997)
- Dominik Oetiker: Waste management of electronic goods (LCA) (2002)
- Matthias Wiederkehr: LCA für einen Dieselmotor für den Einbau in LKWs (2005)
- Hans Lukas Kramer: LCA von 3 Elektronikprodukten und ihren Bauteilen (2006)
- Determinants of Environmental Product Innovation, A Comparative Study of the Electronics Industry in California and Germany (ongoing PhD)

### Building construction

- Finca „Fuente Alamo“. Benutzerorientierte Renovation des Sommerhauses (1998)
- Lehm- und Holzhaus. Ökologische Alternativen (1998)
- Das ökologische Niedrigenergiehaus (1999)
- Das Gaia – Haus – ein ökologisches Fallbeispiel (1999)
- Solar-Studie Monte – Energetische Studie über den Einsatz von Solarenergie Wintergärten zur Revitalisierung einer Alm-Fraktion im Tessin (1999)
- Intelligente Gebäude – Ökologie in der Haustechnik (1999)
- Ehemaliges Schulhaus und heutiger Kindergarten in Kollbrunn. Was soll warum und wie erhalten werden. Aktuelle Diskussion im Kontext der Planung des Bauens. (1999)
- Die Siedlung Buchegg der Baugenossenschaft Waidberg Zürich. Ökonomische und ökologische Betrachtungen einer Genossenschaftssiedlung. (2000)
- Passiv- und Niedrigenergiehäuser (2000)
- Die Zähnte Schur: ökologische Renovation (2003)
- Bauorganisation im Massiv- und Holzbau (2003)

### Textiles and apparel

- A Survey on Cotton Quality from Field to Bale (2000).
- Comparison of LCA methodology on the COST matrix (2005).

- Environmental Balance of Cotton Production in the High Plains Texas and the San Joaquin Valley California (1966).
- LCA and Recycling of "Ecolog" PET clothes (2003).
- LCA in spinning & weaving (2002).
- LCA of cotton growing in the Texas High Plains (2001).
- LCA von Veredlungsprozessen zweier Stoffe (2004).
- LCA von Waschszenarios in Waschanstalten und in der Haushaltswäsche (2005).
- Life cycle thinking in production of clothes (2001).
- Life cycle thinking in the marketing of clothes (2001).
- Marketing concept for organic cotton products (2003)
- Ökologische Kennziffern für Spinnen und Weben (2005).
- Prozess-Ökobilanzen für Textilveredlungsverfahren (1997).
- Qualitative Kriterien für eine ökologische Beurteilung von Baumwolle- und Polyestertextilien (1998).
- Qualitätsmerkmale und Prozesstechnik im Marktauftritt der Baumwolle (1999).
- Quality and environmental aspects in the production of silk yarns (2002).
- Quality parameters of Texas organic cotton (2005).
- Recyclingkonzept für PA 6.6 (2005).
- Reverse engineering of eco labelled products (2000).
- Scenarios in textile care for Switzerland (2002).
- Testing methods for the "Eco tex 100" label (2000).
- Umweltinventare im Baumwollanbau von Entwicklungsländer (2006)
- Variation of quality parameters of cotton within fields (2005).

## ANNEX 4: LIST OF ETH PUBLICATIONS

- Marion I. Tobler-Rohr: Process Technology and Markets of Eco-Labeled Cotton Products, Beltwide Cotton Conference, 4<sup>th</sup> – 7<sup>th</sup> Jan. 1999 Orlando, FL
- Marion I. Tobler-Rohr: Labeling in Textiles, status quo, perspectives and recommendations, 2. Klippeneck Seminar, 6. /7. Juli 1999 Klippeneck (G).
- Marion I. Tobler-Rohr, ISO 14 000 - Branchenlösung für die Textilindustrie, Textiltechnisches Seminar, 28<sup>th</sup> Oct. 1999, Bauelehof Aathal (CH).
- Marion I. Tobler – Rohr: Benchmarking in Cotton spinning with ISO 14000, Beltwide Cotton Conference, 5<sup>th</sup> – 8<sup>th</sup> Jan. 2000 San Antonio, TX.
- Marion I. Tobler – Rohr: LCA of a cotton fabric in finishing, Fiber Society Spring Conference, 17<sup>th</sup> – 19<sup>th</sup> May 2000 Guimaraes, Portugal.
- Tobler M., Wege zur Nachhaltigkeit in der Europäischen Textilbranche, Neujahrsblatt, Januar 2001 Institut für automatisierte Produktion ETH Zuerich.
- Tobler M., Modeling of textile apparel production in relation to function, quality and costs, SEATAC Europe Conference, 7<sup>th</sup> – 10<sup>th</sup> May 2001 Madrid, Spain. <http://cost628.texma.org/>
- Tobler M. and Hauser L., Sustainability in Cotton Growing (a case study in the Texas High Plains), 8<sup>th</sup> International Conference on Textile Raw Materials, Proceedings, 16<sup>th</sup> /17<sup>th</sup> May 2001, Budapest / Hungary.
- Tobler M., Modeling the Textile Chain for LCA, in M. Tobler (ed.) Klippeneck Paper, Klippeneck Seminar, 11. July 2001, Klippeneck (G).
- Tobler M. Impact Assessment in the Life Cycle of textile cotton fabrics, 7<sup>th</sup> International Cotton Conference Proceedings, 6<sup>th</sup> / 7<sup>th</sup> Sept 2001 Gdynia, Poland.
- Tobler M., Textile Specifications, COST action 628, LCA Working group meeting, 17<sup>th</sup> – 19<sup>th</sup> Oct. 2001, Thessalonica, Greece, <http://cost628.texma.org/>
- Tobler M., Technical Specifications, Environmental Impacts and Costs of Textile Processing in Europe, Beltwide Cotton Conference, Jan. 8<sup>th</sup> – 12<sup>th</sup> 2002, Atlanta.
- Tobler M. Environmental impacts of different cotton growing regimes, International Cotton Conference, Bremen, March 13<sup>th</sup> -16<sup>th</sup> 2002
- M. Tobler LCA of Cotton Growing, in Marion Tobler Klippeneck Paper (Ed.) Klippeneck Seminar 9. / 10. Juli 2002, Klippeneck (G).
- M. Tobler. Implementation of the CO2 legislation in Switzerland. in Marion Tobler Klippeneck Paper (Ed.) Klippeneck Seminar 9. / 10. Juli 2002, Klippeneck (G).
- M. Tobler et al, Task Force BAT: Final report, 2002 <http://cost628.texma.org/>
- Qualität und Nachhaltigkeit in der privaten Textilpflege in der Schweiz, in: Textilpflege Schweiz, Feb. 2003 Zurich.
- Marion Tobler: Yield, Cost and LCA of different growing systems in the Texas High Plains, Beltwide Cotton Conference, 7<sup>th</sup> – 10<sup>th</sup> Jan. 2003 Memphis.
- Marion Tobler: Swiss trends and environmental impacts of caring textiles in Marion Tobler Klippeneck Paper (Ed.) Klippeneck Seminar 9. / 10. July 2003, Klippeneck (G).
- Marion Tobler, Results from the Questionnaire on textile industry structure, COST Action Gent meeting, 26<sup>th</sup> – 28<sup>th</sup> May 2004, <http://cost628.texma.org/>

- Marion Tobler: Sustainable textile production with the EU 25, in Tobler Marion (Ed.) Klippeneck Paper 6. – 7. July 2004, Klippeneck (G).
- Marion Tobler: Criteria for Sustainable Development, in Tobler Marion (Ed.) Klippeneck Paper 6. – 7. July 2004, Klippeneck (G).
- Marion Tobler, hemp growing and preparation, COST Action 628, Gothenburg meeting 7th – 9th Oct 2004, Gothenburg (S). <http://cost628.texma.org/>
- Marion Tobler, Environmental key figures for textile production, COST action 628, Brussels meeting 10th – 12th Nov. 2004, <http://cost628.texma.org/>.
- Tobler Marion, Ecological Key figures for Benchmarking of Textiles, Fiber Society Spring Conference, 25th – 27th May 2005. St. Gallen (CH).
- Tobler Marion, Polyamide recycling in the rope and carpet industry, Environmental Assessment and technical feasibility, Polyamide 2005, 7th / 8th June 2005, Duesseldorf.
- Eija Nieminen, Michael Linke, Marion Tobler, Bob Vander Beke, EU COST Action 628: Life cycle assessment (LCA) of textile products, eco-efficiency and definition of best available technology (BAT) of textile processing, Journal for cleaner production, in press.