References relating to the
FRAMEWORK FOR STRATEGIC SUSTAINABLE DEVELOPMENT (FSSD)
a.k.a. ‘Backcasting from Sustainability Principles’ or ‘The Natural Step Framework’

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MSLS = Master’s in Strategic Leadership towards Sustainability
MSPI = Master’s in Sustainable Product-Service System Innovation
A. PEER-REVIEWED JOURNAL ARTICLES


Tippett, J. The value of combining a systems view of sustainability with a participatory protocol for ecologically informed design in river basins. Centre for Urban and Regional Ecology, School of Planning and Landscape, University of Manchester, Oxford Road, Manchester, M13 9PL, UK. Received 6 January 2003; received in revised form 21 July 2003; accepted 1 December 2003. Elsevier, Environmental Modelling & Software 20 (2005) 119-139.


B. DOCTORAL DISSERTATIONS


C. OTHER THESSES


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Blekinge Institute of Technology, MSLS Completed Theses, Class of 2005

Engaging Individuals to act Strategically Towards Sustainability (Kristoffer Lundholm; Renaud Richard)
Using Principles of Social Sustainability: A Strategic Approach

Non-Financial disclosure and Strategic Planning: Sustainability Reporting for Good Corporate Governance (Ronan Chester; Jennifer Woofter)

A Learning Organization? Evaluating the University of Canterbury’s Strategic Transition toward Sustainability (Mandy Tew)

Sustainability Accounting as a Tool for Strategic Industry Change – Using the UK Cement Industry as a Model

Energy Strategies Towards Sustainability: a comparative analysis of community energy plans from Sweden and Canada

Opportunities for Global Sustainability (Josephine Brennan; Susan Garrett; Mike Purcell)

Touchpoint: A Foundation for Sustainable Product Development (Ron Durgin; Scott Grierson)

Strategic Community Economic Development and Small Business: Cooperation for Sustainability (Karl A. Fulson; Amy Seabrooke)

Entrepreneurs as Change Agents to Move Communities towards Sustainability (Laura MacKay; Ann Scheerer and Tomomi Takada)

Sustainable International Olympic Committee (IOC) – Sustainable Society (Birte Berlemann; Mitch Rhodes)
How can a destination resort development company be strategic in sustainable development? (Archie Kasnet; Carmen Turner)

Health and Strategic Sustainability: Business to Business (David Nelson; Renée Lazarowich)

Regional Cooperation for Strategic Sustainable Development: A case study of Blekinge (Collins Nwakanma Amanze; Emma Eriksson)

Informing Individual’s Actions through Strategic Planning for Sustainability (Kevin Cameron; Roya Khaleeli; Amity Lumper)

Sustainable Community Development in the Baltic Sea Region (Yuri Kazhura; Paulo Bento Maffei de Souza and Heather Worosz)

Transitioning towards sustainable rural electrification in developing countries: a case study of Luangwa district in Zambia (Gerald Muchu; Benny Sindowe; Pavan Kumar Vummadi)

Blekinge Institute of Technology, MSLS Completed Theses, Class of 2006

A Strategic Approach for Sustainability and Resilience Planning within Municipal Governments (Alexandra Chuvarayan, Isabelle Martel, and Celia Peterson)

Strategic partnerships for transformational change towards a sustainable society (Richard Blume, Miriam Karell, and Andrew Outhwaite)

Building sustainable urban communities: Can a common participatory space offer a solution? (Fredrick Ebeneku-Anim, Ingrid Jacobson, Margaret McRoberts, and Pierre Munyra)

Entrepreneurship education and strategic sustainable development (Xiaoou Huang, Jason Niles, and Peter Sims)

From Clean Development to Strategic Sustainable Development: Strategic planning for the Clean Development Mechanism (Georges Dyer, Mauricio Mira, and Michelle McKay)

Incorporation of Sustainability constraints in Building Construction Projects: The European Example (Babatunde Olukoye)

Leveraging the Political System for Strategic Leadership Towards Sustainability in Africa: A Nigeria Case Study (Smart Okaeben)

Meeting the Challenge of Social Sustainability: Governance for profound change (Olers Marie Eriksson, Geneva Rae, and Julia Smolyaninova)

Carbon Neutrality as Leverage in Transitioning a Financial Organisation Towards Sustainability (Melanie Dubin, Tamara Connell, and Magdalena Szpala)

Sustainability Aspects and Shortfalls of Biofuel Development (César França, Kate Maddigan, and Kyle White)

Applying Strategic Sustainability: For Small and Medium Sized Enterprises (Rachelle McElroy, Itzel Orozco, and Renee Simard)
Sustainable carbon sequestration approaches to reduce atmospheric CO$_2$ levels (Lisa Chacon, Benjamin Hornblow, Dan Johnson, and Chris Walker)

Sustainable Project Evaluation (John Hoag)

Integrating Economics with a Strategic Sustainable Planning Method; To enhance decision making processes (Kathleen Abel)

Transitioning towards sustainable building materials in China (Xiuying Tang and Dan Dai)

The Evolution of Industry towards Sustainability: A Case Study of the Olive Oil Pressing Industry (Edward Anwana, Zaid Azaizeh, Onur Ozmen, and Ndi George Tebeck)

The Iterative Loop Method for Communicating SSD Concepts (Saruhan Araz, Michael Matulac, and Aqib Muhammed)

Blekinge Institute of Technology, MSLS Completed Theses, Class of 2007

Rock On!: Bringing strategic sustainable development to music festivals, Sarah Brooks; Dan O'Halloran; Alexandre Magnin

Introducing Strategic Sustainable Development in a business incubator, Heidi Blankenship; Viktor Kulhavý; Jonas Lagneryd

Planning for a Sustainable Nexus of Urban Land Use, Transport and Energy, Antoine Belaieff; Gloria Moy; Jack Rosebro

Communicating Sustainability through Design within Retail Environments, Daniel Hendry; Lawrence Silcox; Nobuko Yokoyama

The Campus Sustainability Movement: A Strategic Perspective, Michael Henson; Merlina Missimer; Stephen Muzzy

Community Food Systems: Working towards Sustainability and Satisfying Human Needs, Monique Monteverde; Katie Pease; Anthony W. Thompson

Strategies for Sustainable Supply Chain Management: Supplier Interaction Devices, Shannon E. Fitzgerald; Estela Luck A.; Anne L. Morgan

Strategic Sustainable Development and Knowledge Management, Kirk Tyler; Mohamed Bibri; Norman Tyler

A Bridge to Peace: Strategic Sustainable Development as an approach to Conflict Resolution; Michal Bitterman; Viviana Lopez; Fiona Wright

Enhancing planning for local energy systems by the strategic sustainable development framework; Ann Cassidy; Dephine Le Page; Sean Spender.

Blekinge Institute of Technology, MSLS Completed Theses, Class of 2008
**Improving Decision Support Systems for Water Resource Management:** Maura Dilley, Marco Valente, Chen Chen

**Measuring Success: Indicators for Strategic Approaches to Sustainable Community Planning:** Karen Stroebel, Sarah Cheevers, Alaya Boisvert, Erin Romanchuk

**Strategic Sustainable Investing: Recognizing Value in Transitional Leadership:** Timothy Nash, Nicholas Blandford, Andre Winter

**Engaging Urban Communities of Newcomers to Sweden towards UNFCCC Climate Change Targets through Participation and Diversity:** Gulderen Alimli, Mohammed Ireg, Naveed Imran, Jennifer Nichols

**Transitioning Wood Furniture Products towards Sustainability:** Weiguang Zhang, Lu Lei, Weiqing Zhang

**Social Dimension of Sustainable Development: Guidance and Application:** Andre Benaim, Amber Collins, Luke Raftis

**Co-Creating Community with a Needs Based Approach to Urban Design and Planning:** Natalie Haltrich, Ella Lawton, Geoffrey Stack

**Design and Decision-Making: Backcasting using Principles to Implement Cradle-to-Cradle:** Freek van der Pluijm, Augusto Cuginotti, Karen Miller

**Business climate change adaptation strategies as contributions towards a sustainable society:** Sophie Dunkerley, Julia Toledo Ribeiro Pereira, Timothy Nichols

**Organizational Networks as Catalysts for Strategic Sustainable Development:** Molly Doyle, Dermott Hikisch, Shawn Westcott

**Sustainable Mining? Applying the Framework for Strategic Sustainable Development to Mining Projects:** Patricia Mesquita, Tracy Lydiatt, Anne Nolan

**Principles-Based Comparison Framework for Renewable Electricity Options:** Anne Jonasson, Ben Kneppers, Brendan Moore

**Sustainable Stadia Actualizing the Potential of Community-Owned Stadia Towards Sustainability:** Cristhian Gutierrez, Robert Mallette, Adebola Odumade

**Sustainability Opportunities and Challenges of Bioplastics:** Eri Matsuura, Xiao Xuan, Yan Ye

**Social Responsibility Guidelines & Sustainable Development: Integrating a Common Goal of a Sustainable Society:** Anastasia Dewangga, Simon Goldsmith, Neil Pegram

**Ethical Consumers: Strategically Moving the Restaurant Industry towards Sustainability:** Renate Sitch, Duan Jingjing, Li Xinze

**Sustainable Tourism Destinations - A Pathway for Tour Operators:** Liane Fredericks, Roman Garstea, Sergio Monforte

**Development of leadership capacities as a strategic factor for sustainability:** Theo Van Brabant, Kimberly Edwards, Isabel Cabeza-Erikson
Personal Rapid Transit systems for reduction in car dependence Karlskrona case study: Rose Lichtenberg; Patricia Guimarães; Heleen Podsedkowska

Blekinge Institute of Technology, MSLS Completed Theses, Class of 2009

Alternative Fuels for Transportation - A Sustainability Assessment of Technologies within an International Energy Agency Scenario: Shehzad Ahmed; Marcos H. K. Conradt; Valeria De Fusco Pereira

Applying the Framework for Strategic Sustainable Development to Water management: Hervé-Bazin Olivier; Iacovino Carlo; Ren Hanzi

A Holistic Approach to Sustainable Community Development in the Developing World: Ali Al-Dahir; Hye-Jeong Kang and Nicholas Bisley

A Strategic Approach to Sustainable Development through Official Development Assistance: Antonios Balaskas; Eduardo Lima; Tyler Seed

Building an International Cycling Community: Hyuma Frankowski; Kate McKeown; Joel Mulligan

Catalytic City Planning: Leveraging the Development Planning Process to move a Community Strategically towards Sustainability with Dublin City Case Study: Caroline Nolan; Mary Ostafi; Mélina Planchenault

Collaboration for Sustainability in a Networked World: Alice-marie Archer, Rong Fei, Rebecca Petzel.

Connected Urban Development (CUD) Initiative as an Approach towards Sustainability in Urban Areas: Khuloud Odeh, Annita Seckinger, Carina Forsman-Knecht

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Scaling-up impacts: Knowledge-based organizations working towards sustainability: David Adema; Sarah Blenkhorn; Sarah Houseman

Seeds of Change: Using Urban Agriculture to Move a City Towards Sustainability: Chen Peng; Adele Peters; Treva Wetherell; Valerie Yep

Strategically Sustainable Environmental Assessment: Hervé-Bazin Cécile; Klinkenberg Nils; Milam Matt

Sustainable Cities - Realizing the Seven Forms of Community Capital: Adrian Mohareb; Kate Murray; Chidi Ogbuagu

Sustainable Selves: Shifting Paradigms within Individuals as the Core Driver to Reaching a Sustainable Society: Zaida Bárcena, Jayne Bryant and Jenny Lind

Using the Framework for Strategic Sustainable Development to complement existing leadership training approaches: Natalie Safra, Josefin Nystrom, Hanzhu Deng


Blekinge Institute of Technology, MSLS Completed Theses, Class of 2010
Nature Inspired Guidelines to Effectively Communicate Sustainability Messages Andrea Altmann, Heather Shand, Maya Givon.

The S-E-A-T approach to Strategic Guidance for Planning towards Sustainable Transportation Sven Borén, Stefan Alvemo, Gu Qing

Sustainable Supply Chains: Moving Chinese Garment Manufacturers Towards Sustainability Zach Anderson, Mark Bannister, John Silkey

Strategic Sustainable Product Development - A Case of an SME in the Sealing Industry Anna Barkan, Olaf Postel, Daniel Gunarsson

Open Source as Leverage towards Sustainable Housing Charlotte Barrow, Stephanie Peterka, Tuna Ozcuñadar

Applying Construal Level Theory to Communication Strategies for Participatory Sustainable Development Dependable Hickory Strongheart, Fabio Bordoni, Florence Obison


Slow Fashion: Tailoring a Strategic Approach towards Sustainability Carlotta Cataldi, Maureen Dickson, Crystal Grover

Engaging Action: A Systemic Approach to Communication Design of Social Marketing Campaigns for Behaviour Adoption Rebecca Dahl, Steve (Spud) Marshall, Larysa Metanchuk

Collaborative Services: Communities Innovating towards Sustainability Ronny Daniel, Laura MacPherson, Maurita Prato, Sophia Horwitz

An Innovation Approach for Sustainable Product and Product-Service System Development Kara Davis, Pinar Oncel, QingQuig Yang

Developing an Interconnected Worldview: A Guiding Process for Learning Simon Evitts, Dylan Skybrook, Brendan Seale

Moving Towards Sustainable Community Renewable Energy: A Strategic Approach for Communities Leigh Greenius, Kati Thompson, Elsa Jagniecki

Behind the Scenes: Media Industry Stakeholders Collaborating Towards Sustainability Georgina Guillen, Jennifer Katan, Xu Bin

Supporting Sustainable Rural Tourism in British Columbia through Strategic Incentives Amanda Hachey, Giuliana Netto, Lea Thuot

Barriers and Assets for Sustainability in Japanese Organizations Kiminori Isaka, Yurie Makihara, Samuel Pereda

Transportation in Shanghai: A Decision Support System to Move towards Sustainability Lu Jing, Xu Quchen, Zhuang Yangping
Sustainable E-waste Management: Using the FSSD in a Case study at NUR Wyeth Larson, Matthew Lobach, Ece Utkucan

Sustainable Neighbourhood Reconstruction in the Urban District Shangchao Lin, Peng Peng, Zhenhua Zhou

Success Factors for Supporting Intercultural Engagement of Employees towards Sustainability Zhuona Li, Shahla Rajaee, Nathan Stinnett

Blekinge Institute of Technology, MSLS Completed Theses, Class of 2011

Sustainable Microfinance Oluwafunmilayo A. Akinosi, Alejandro Turbay, Daniel Nordlund

A Facilitating Platform for Energy & Climate Change Programs - A Case within Municipalities in Southeast Sweden Rajeev Akireddy, Yuan Zhi, Evelyne Lyatuu

Increasing Participation in Social Enterprise: A Strategic Development Approach for the Developing World Charlotte Asiedu, Kristina Byrne, Ana Maria Corena Garcia

Cultivating personal leadership capacities to facilitate collaboration in Strategic Sustainable Development Christopher Baan, Phil Long, Dana Pearlman

Small Island Developing States: Using the MSI for Strategic Sustainable Development Gabriela Boscio, Xavier Koenig, Natalie Mebane

Technical and Vocational Education and Training in Support of Strategic Sustainable Development Chen Chen Gu, Telma Gomes, Victor Samuel Brizuela

Designing an Organisation to Activate Cross-sectoral Mass Collaboration Towards Sustainability Andrew Campbell, Jovin Hurry, Maja Zidov

Embedding socio-ecological sustainability into impact investor due diligence Gustavo Correia, Nathaniel Koloc, Naomi Smith

Integrating Participatory Processes in Planning for Strategic Sustainable Development Alison Cretney, Steven Cretney, Tracy Meisterheim

Solutions From Above: Using Rooftop Agriculture to Move Cities Towards Sustainability Nina Danielsson, Joshua Foss, Aaron Quesnel

Moving Towards Sustainable Food Consumption: Identifying Barriers to Sustainable Student Diets James Ede, Sophie Graine, Chris Rhodes

The Green Light towards Sustainability: Embedding Sustainability into a Branded Design Company Reed Evans, Ricardo Garcia Guerra, Myriam Schaefer, Isabella Wagner

Cultivating a Food Movement: Slow Food USA's Role in Moving Society Towards Sustainability Maja Feldman, Allison Kingfisher, Cindy Sundborg

A Strategic Sustainable Development (SSD) Approach for Executing Vision 2050 Sara Flores Carreño, Tamar Harel, Carmelina Macario

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MSPI = Master’s in Sustainable Product-Service System Innovation
Opportunity from Catastrophe: A Strategic Approach to Sustainability through Pre-Disaster Recovery Planning (Pre-DRP) Danielle Hiscock, Alicia Livitt, Kirstin Piirtoniemi

Strategic Methods in Community Engagement for UNESCO Biosphere Reserves Kellee Jackson, Pierre Johnson, Melinda Jolley

Decision Making for Strategic Sustainable Development in Selected Swedish Ecovillages Kirill Kazbekov, Merve Titiz, Delfin Yilmaz

Integrating Strategic Sustainable Development into Assessing and Following up Suppliers in Procurement Practices Lilli McCubbin, Romina Busto Ibarra, Sebastian Tschuschke

How the Pacific Northwest Could Be Won - Overcoming Barriers to Growing Food in Yards Tara McNerney, Maarten Dankers, Luke Callahan

Blekinge Institute of Technology, MSLS Completed Theses, Class of 2012

How to Apply the Templates for Sustainable Product Development - Support for Sustainability Practitioners Sara Regio Candeias, Rachael Gould, Anton Valkov

Mind the Gap! Strategically Driving GRI Reporting Towards Sustainability Edwin Janssen, Rutger Verkouw, Selene Kfoury

Neighbourhood Hubs: Engaging Communities for Sustainability Charlotte Gurr, Sarah Rose Robert, Adrienne McCurdy

Teachers and Students: Engagement in education towards a sustainable society Melinda Varfi, Sebastiaan Van Zaanen, Emma Fancett

Addressing the Barriers to Regional Electric Vehicle Projects through Stakeholder Engagement Kareisa Hidy, Nathalie Nathe, Maryam Javanmashmool

Social Actions of Strategic Sustainable Development JingJing Guo, Hamideh Farzaneh, Anthony Guido

Social Entrepreneurship as a Catalyst to Increase Equality in South Africa Irene Chikumbo, Taryn Tate, Ahmet Eren Ozturk

Co-creating a sustainability strategy in a Product/Service-System value-based network of stakeholders Adria Garcia Mateu, Petronella Tyson, Li Zhe

Strategic Acquisition of Innovative Companies Moving Corporations towards Sustainability Benoit Guyot, Katarina Wikström, Seyedeh Nafiseh Mousavi Rad

Cultivating the Social Field: Strategically moving Urban Agricultural Projects towards Sustainability Ashley Courtney, Brendan McShane, Ella Wiles

Areas of Inquiry: Guiding FSSD practitioners at the beginning of a change initiative towards sustainability Amy Mireault, Michaela Hogenboom, Thaela Stolz

Strategy and Sustainability Awareness in the Danish Fourth Sector Solveig Zophoniasdottir, Stuart Filshie, Cassandra Carswell, Yvette Osinga
Leverage Points for Broader Diffusion of the FSSD Irena Efremovska, Scott Perret, Sijme Geurts
Community Mapping & Strategic Sustainable Development: Navigating Towards A Sustainable Future William Paton, Charlotte Schou, Christina Boldero

Public Engagement and Participation in Municipalities - Adding Meaning to Planning and Decision Making Processes for a Collaborative Journey Towards Sustainability Elias Kindle, Michael Wzdulski, Christina Sieber

Religion & Sustainability: The Contribution of Religious Belief in Moving Society Towards Sustainability Olivier Mazimpaka, Aniko Bunta, Mischa Altmann

Purposeful Action: organizational practices that contribute to a culture of strategic decision making for sustainability Giancarlo Pucci, Alexander Craig, Katherine Macura

Blekinge Institute of Technology, MSPI Completed Theses, Class of 2012

Information and Intelligence Design Patterns for Resilience and Sustainability in Product-Service Systems Shahryar Eivazzadeh

P2P Carsharing Service Design: Informing User Experience Development Aaron Lewis, Mark Simmons

Product Development Starts from Crowdsourcing -- The Business of Xinmade.com Xuefeng Bai (Snovo)

Value-Driven Needfinding for Early Product-Service System Development: A Study in Collaboration with Volvo Construction Equipment in the Chinese Market Yan Zhang, Xi Chen (Cecilia)

Resource Consumption of Additive Manufacturing Technology Nanond Nopparat, Babak Kianian

Crowdsourcing: Using Open Modes of Collaboration for Product-Service System Innovation Abbas (Behrad) Mirafshar

Product-Service Systems: Co-Designing for Social Impact Sabine Mukaze, Denny Carolina Villamil Velasquez

Exploring Impacts of Project Overload on Creativity: An Agent-Based Modeling Approach Farnaz Motamediyar

How to Implement Sustainable Business Development Strategy with Management Consulting Lisiana Nurhadi, Bjorn Tenland

Blekinge Institute of Technology, MSLS Completed Theses, Class of 2013

Contributing to a Transition towards a Sustainable Society: Education Matters by Kim Davis, Changkun Shen, Aymeric Maratea
D. BOOKS AND BOOKS CHAPTERS

Bern, L. Uthålligt ledarskap. (Sustainable Leadership) Book on environmental management. Ekerlids Publisher 1993.


Ivonne Cruz, Andri Stahel, Manfred Max-Neef - Towards a systemic development approach: Building on the Human-Scale Development paradigm, Ecological Economics, Volume 68, Issue 7, Methodological Advancements in the Footprint Analysis, 15 May 2009, Pages 2021-2030, ISSN 0921-8009, DOI: 10.1016/j.ecolecon.2009.02.004. (http://www.sciencedirect.com/science/article/B6VDY-4VWKPV4-1/2/0e3e3199b44c2735028f4a377c43cc2f) Keywords: Human-Scale Development; Human Development; Well-being; Policy evaluation; Economics; Human needs; Satisfiers


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E. CONFERENCE PROCEEDINGS


H.M The Swedish King; Peter Raven; Molly H Olson; Paul Hawken; K-H Robèrt; Donald Aitken; Christian Azar; Jonathon Porritt; Lars Bern; Anna Lindh. Stockholm, 28 November 28, 1996.


King Carl Gustaf’s Environmental Symposium. Abstracts


Robèrt, K-H., Holmberg, J., and Broman, G. Simplicity without Reduction – Thinking Upstream Towards the Sustainable Society. Rice University Houston, Texas. Energy&Environmental Systems Institute. Published March 1997. Publication EESI-03. E-mail: eesi@rice.edu


F. TNS CONSENSUS DOCUMENTS (IN SWEDISH)

Andersson, R., Robèrt, K.-H. m fl, 1993, Den Livsviktiga Näringen, Det Naturliga Steget, Stockholm. (Agriculture from a scientific perspective. A draft translation to English available.)

Andersson, R., Robèrt, K.-H. m fl, 1997, På skogens villkor, Det Naturliga Steget, Stockholm. (Forestry from a sustainability perspective).

Arrhenius, E., Robèrt, K.-H. m fl, 1992, Styrmedel på väg mot det bärkraftiga samhället, Det Naturliga Steget, Stockholm. (Political and economic measures towards the sustainable society. A draft translation to English available.)

Engström, K., Robèrt, K.-H., m fl, 1990, Energifrågan i ett naturvetenskapligt perspektiv, Det Naturliga Steget, Stockholm. (Energy policy from an ecological perspective. A draft translation to English available.)

Eriksson, K.-E., Robèrt, K.-H. m fl, 1992, Metallfrågan i ett naturvetenskapligt perspektiv, Det Naturliga Steget, Stockholm. (Metal issues from a scientific perspective. A draft translation to English available.)
G. WEBSITES

Ashoka Fellows Website: http://www.ashoka.org/karl_henrik_robert

Ashoka Globalizers Website: http://www.ashokaglobalizer.org/node/90

Blekinge insitute of Technology Master’s program on the Framework for Strategic Sustainable Development: http://www.bth.se/ste/tmslm.nsf/pages/msls_home

Real Change Research Project: http://www.realchange.nu

Sekom – association of Swedish ecomunicipalities: http://www.sekom.nu


The Natural Step Global Network Portal: http://www.naturalstep.org

The Right Livelihood Award-Max Neef: http://www.rightlivelihood.org/max-neef.html

**H. PUBLIC / POPULAR ARTICLES**


Meisterheim, T. “Leading the way to a new mental model.” *Communication Director*. http://www.communication-director.eu/issues/genuine-article/leading-way-new-mental-model

Norsk Hydro ASA: Sustainable PVC at Hydro Polymers? C Smith, J Brennan MBA Case Study Published by INSEAD & EABIS June 2008 [http://www.businessinsociety.eu/resources/4053](http://www.businessinsociety.eu/resources/4053)

Published in Saying yes! Conversations on a World that Works for All. Edited by Sarah Ruth van Gelder from YES! A journal of Positive Futures. Web:www.futurenet.org

PVC and Sustainability; Jason Leadbitter Progress in Polymer Science Vol 27, issue 10 pp. 2197-2226

Robèrt, K-H. Behöver vi samarbeta? Om samarbete när uppdraget är omfattande och viktigt. Perspektiv på Samarbete. FOI, Totalförsvarets forskningsinstitut. 2002. ISSN 1650-1942. Translation to English is available. Collaborating in important, large-scale projects – such as the defence of a country. “Do we really have to work together?”Collaboration in large, crucial projects -.


Sustainability Assessment of Stabiliser Systems for use in PVC Pipes; K.E.Lunde, J Leadbitter, M Schiller Plastics, Rubbers and Composites 3 (34/2005) 155


MSLS = Master’s in Strategic Leadership towards Sustainability
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I. TEXTBOOKS AND BOOK CHAPTERS


J. OTHER EDUCATION MATERIALS

On-line training - 1,5 - 3 hours training based on internet/intranet. The on-line training is intended for large organizations (about 500 employees or more). Thanks to its flexibility it could be customized for each specific organization and could easily be updated. http://www.naturalstep.org/elearning

The Natural Step/US Materials

VIDEO - Karl-Henrik Robèrt: An Overview of the Natural Step
Robèrt introduces The Natural Step to the Bank of America and responds to questions from the audience. 78 minutes

Karl-Henrik Robèrt: Overview of The Natural Step. 60 minutes; Video and Audio

Ray Anderson: The Interface Path to Sustainability. 60 minutes; Video and Audio

Karl-Henrik Robèrt: Building Consensus and Applying the Compass. 90 minutes; Video and Audio

Vicki Robin: Personal Sustainability and The Natural Step, The Natural Link Video and Audio

Rigmor Robèrt: A Woman’s Perspective on The Natural Step. 45 minutes; Video and Audio

Paul Hawken: Natural Capital(ism). 45 minutes; Video and Audio

Karl-Henrik Robèrt and John Holmberg : The Science and System Conditions - Part 1. 60 minutes; Video and Audio

Karl-Henrik Robèrt and John Holmberg : The Science and System Conditions - Part 2. 60 minutes; Video and Audio

Anthony Cortese: The Natural Step and Academia. 35 minutes; Video and Audio
K. PROJECTS AND CAMPAIGNS

The Natural Step household mailing. At the launch of The Natural Step, a booklet with an audiocassette was distributed to all Swedish households and schools. Karl-Henrik Robèrt took the initiative, coordinated the consensus process, authored the book and funded the project.

Vad håller på att hända. En bok för självträning kring rökavvänjning, distribuerades genom de svenska apoteken på 80-talet.

Youth Parliament for the Environment. An institution that lasted 18 years, founded by Karl-Henrik Robèrt in cooperation with Per Uno Alm. School children at 9:th grade, from across the country, took part in annual trainings around the FSSD. Facilitators from the same age-group were trained by senior advisors at TNS, where after they transferred education, materials, and practical tasks to their school-mates.

King Carl Gustaf’s Environmental Challenge for Sweden’s local governments. HM The Swedish King took the initiative to create a competition between the Swedish municipalities as regards their respective proactivity in sustainability matters. Karl-Henrik Robèrt was the leader of the initiative, and the competition was run three times during nine years. Applications were evaluated by use of the FSSD, in a jury lead by Karl-Henrik Robèrt.

Swedish Environmental Fund. TNS was cooperating with Banco funds for many years, in an initiative called “Svensk Miljöfond”. 50 publically listed companies were selected each year, by use of the FSSD, to be invested in. TNS did the selection of the companies, where after Banco performed traditional investments within the selected group.
L. EXAMPLES OF SWEDISH PAPERS IN NON-SCIENTIFIC JOURNALS ON SUSTAINABLE DEVELOPMENT


Robèrt, K.-H. Kränkningen – Dagens trafiksystem bryter mot alla de fyra grundvillkoren för såväl välfärd som överlevnad. “Today's traffic system violate all four conditions for our wellbeing, and in the long run our survival.” Tidskriften Det Naturliga Steget 1/95, 21-22.


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MSPI = Master’s in Sustainable Product-Service System Innovation


These municipalities have engaged in a community-wide mobilization using backcasting form sustainability principles as a guiding framework.

<table>
<thead>
<tr>
<th>Organization</th>
<th>Project title</th>
<th>Project type</th>
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<tbody>
<tr>
<td><strong>CANADA</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>District of North Vancouver</td>
<td>Sustainability Analysis/Staff Training</td>
<td>1</td>
</tr>
<tr>
<td>Resort Municipality of Whistler</td>
<td>Early Adopter Training Program Community Sustainability Plan Procurement Policy and Guide</td>
<td>1</td>
</tr>
<tr>
<td>Town of Canmore</td>
<td>Early Adopters Program Sustainability Training</td>
<td>1</td>
</tr>
<tr>
<td>City of Airdrie</td>
<td>Integrated Community Sustainability Plan Sustainability Filter for decision-making</td>
<td>1</td>
</tr>
<tr>
<td>City of Ottawa</td>
<td>Integrated Community Sustainability Plan</td>
<td>1</td>
</tr>
<tr>
<td>Town of Caledon</td>
<td>Official Community Plan Review</td>
<td>2</td>
</tr>
<tr>
<td>City of Saskatoon</td>
<td>Best Practice Scan for Governance and Decision-making</td>
<td>2</td>
</tr>
<tr>
<td>York Regional Municipality</td>
<td>Staff Training Sustainability Strategy Review</td>
<td>2</td>
</tr>
<tr>
<td>City of Halifax</td>
<td>Sustainability Assessment and Action Plan Sustainability Training Sustainability Filter</td>
<td>1</td>
</tr>
<tr>
<td>Town of Olds</td>
<td>Municipal Sustainability Plan</td>
<td>1</td>
</tr>
<tr>
<td>Town of Wolfville</td>
<td>Sustainability Training</td>
<td>2</td>
</tr>
<tr>
<td>Collingwood Region</td>
<td>Sustainability Training</td>
<td>2</td>
</tr>
<tr>
<td>Town of Williams Lake</td>
<td>Sustainability Plan</td>
<td>1</td>
</tr>
<tr>
<td>Association of Yukon Communities (Teslin, Faro, Haines Junction)</td>
<td>Integrated Community Sustainability Plan Training</td>
<td>2</td>
</tr>
<tr>
<td>Stratford, PEI</td>
<td>Sustainability training and filter</td>
<td>2</td>
</tr>
<tr>
<td>Antigonish, NS</td>
<td>Early Adopters Program</td>
<td>3</td>
</tr>
<tr>
<td>Calgary, Alberta</td>
<td>Staff training</td>
<td>2</td>
</tr>
<tr>
<td>Edmonton, Alberta</td>
<td>Strategic review of sustainability plan</td>
<td>2</td>
</tr>
<tr>
<td>Strathcona County, Alberta</td>
<td>Staff training</td>
<td>2</td>
</tr>
<tr>
<td><strong>Alberta Urban Municipalities Association Pilot Communities</strong></td>
<td><strong>ICSP guidebook and training Have adopted sustainability principles and followed planning process based on TNSF</strong></td>
<td>3</td>
</tr>
</tbody>
</table>

M. INTERNATIONAL COMMUNITIES WHO HAVE WORKED WITH THE NATURAL STEP AND/OR ARE USING THE AFSSD PRINCIPLES IN THEIR PLANNING
- Grande Alberta Economic Region (includes: Onoway, Town of Jasper, Brazeau County, Drayton Valley, Yellowhead County, Edson, Hinton, Grande Cache, Fox Creek, Mayerthorpe, Whitecourt, and Woodlands County and one associate member, Jasper National Park)
- Olds Area (Municipal Area Partnership Committee includes: Mountain View County, Town of Carstairs, Town of Didsbury, Town of Olds, Town of Sundre, Village of Cremona)
- Taber & Area (includes: Town of Taber, Town of Vauxhall and Village of Barnwell)
- Town of Swan Hills
- Beiseker & Area (includes Town of Drumheller, Town of Irricana, Village of Acme, Village of Beiseker, Village of Carbon)
- City of Brooks
- City of Grande Prairie & County of Grande Prairie #1

### UNITED STATES

<table>
<thead>
<tr>
<th>Location</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>Twin Ports, Duluth, Min; Superior, WI</td>
<td>Early Adopters Program</td>
</tr>
<tr>
<td>City of Madison</td>
<td>Sustainability Training</td>
</tr>
<tr>
<td>County of Hawaii</td>
<td>Sustainability Training</td>
</tr>
</tbody>
</table>

### WISCONSIN ECO-MUNICIPALITIES

<table>
<thead>
<tr>
<th>Location</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>City of Washburn*</td>
<td>Communities that have adopted an &quot;Eco-municipality&quot; resolution indicating they will use the TNS 4 SCs/ or Sust Principles to guide their sustainability planning and implementation efforts.</td>
</tr>
<tr>
<td>City of DePere</td>
<td></td>
</tr>
<tr>
<td>City of Ashland*</td>
<td></td>
</tr>
<tr>
<td>Village of Colfax*</td>
<td></td>
</tr>
<tr>
<td>City of Madison*</td>
<td></td>
</tr>
<tr>
<td>City of Bayfield*</td>
<td></td>
</tr>
<tr>
<td>Town of Bayfield*</td>
<td></td>
</tr>
<tr>
<td>Douglas County</td>
<td></td>
</tr>
<tr>
<td>Village of Johnson Creek*</td>
<td></td>
</tr>
<tr>
<td>City of Marshfield*</td>
<td></td>
</tr>
<tr>
<td>City of La Crosse*</td>
<td></td>
</tr>
<tr>
<td>City of Manitowoc*</td>
<td></td>
</tr>
<tr>
<td>La Crosse County*</td>
<td></td>
</tr>
<tr>
<td>City of Neenah*</td>
<td></td>
</tr>
<tr>
<td>City of Menasha*</td>
<td></td>
</tr>
<tr>
<td>City of Baraboo</td>
<td></td>
</tr>
<tr>
<td>Village of Cottage Grove*</td>
<td></td>
</tr>
<tr>
<td>City of Beloit</td>
<td></td>
</tr>
<tr>
<td>City of Sheboygan</td>
<td></td>
</tr>
<tr>
<td>Dunn County</td>
<td></td>
</tr>
<tr>
<td>Village of Spring Green</td>
<td></td>
</tr>
</tbody>
</table>

MSLS = Master’s in Strategic Leadership towards Sustainability
MSPI = Master’s in Sustainable Product-Service System Innovation
<table>
<thead>
<tr>
<th>City of Stevens Point*</th>
<th>City of Eau Claire</th>
<th>City of Wausau</th>
<th>Town of Madeline Island</th>
<th>Village of Shorewood*</th>
</tr>
</thead>
<tbody>
<tr>
<td>OREGON ECO MUNICIPALITIES</td>
<td>Corvallis</td>
<td>Lake Oswego</td>
<td>Clackamas Co</td>
<td></td>
</tr>
<tr>
<td>City of Portsmouth, New Hampshire*</td>
<td>Eco municipality, done training</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lawrence Township, New Jersey*</td>
<td>Eco municipality, done training</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### EUROPE

<table>
<thead>
<tr>
<th>Morbegno, Italy</th>
<th>large community mobilization Five Stars municipality Award 2008 Sodalitas Social Award 2009 100 Tetti, local community renewable energy program Founded province level sustainability governance organization</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Valtellina, Sondrio province, Italy</td>
<td>Regional municipal engagement. 78 municipalities involved, training for municipalities officers</td>
<td>2</td>
</tr>
<tr>
<td>Livigno, Italy</td>
<td>Capacity building for 40 early adopters, representatives of all stakeholders, towards a sustainability strategy</td>
<td>3</td>
</tr>
<tr>
<td>Vicenza, Italy</td>
<td>Mobilization through the public schools system, ongoing</td>
<td>3</td>
</tr>
<tr>
<td>The City of Dublin</td>
<td>Municipal Sustainability Plan coaching</td>
<td>1</td>
</tr>
</tbody>
</table>

### SWEDEN

| Sekom – association of Swedish ecomunicipalities | Communities that have adopted an "Eco-municipality" resolution indicating they will use the TNS 4 SCs/ or Sustainability Principles to guide their sustainability planning and implementation efforts |  
|-----------------------------------------------|----------------------------------------------------------------------------------|---|
| Aneby |  
| Boden |  
| Bollebygd |  
| Bollnäs |  
| Degerfors |  
| Ekerö |  
| Eksjo |  
| Enköping |  
| Eskilstuna |  
| Eslöv |  
| Falkenberg |  
| Filipstad |  
| Gotland |  
| Hallsberg |  
| Halmstad |  
| Haninge |  
| Haparanda |  
| Hedemora |  

MSLS = Master’s in Strategic Leadership towards Sustainability  
MSPI = Master’s in Sustainable Product-Service System Innovation
| Helsingborg  |
| Huddinge    |
| Hudiksvall  |
| Hylte        |
| Hällefors    |
| Härnösand    |
| Höganäs      |
| Höör         |
| Jokkmokk     |
| University   |
| Karlshamn    |
| Karlskrona   |
| Rock         |
| Kramfors     |
| Kumla        |
| Kungsbacka   |
| Kungsör      |
| Kungälv      |
| Laholm County Council |
| Uppsala County |
| Laxa Ljungby |
| Ludvika      |
| Luleå        |
| Mark         |
| Mjölby       |
| Mullsjö      |
| Munkfors     |
| Mönsterås    |
| Nacka        |
| Norrtälje    |
| Nynashamn    |
| Orsa         |
| Robertsfors  |
| Sala         |
| Sigtuna      |
| Skara        |
| Smedjebacken |
| Sollefteå    |
| Sorsele      |
| Stockholm    |
| Sundbyberg   |
| Sundsvall    |
| Sävsjö       |
| Söderköping  |
| Sodertalje   |
| Söderhamn    |
| Timrå        |
| Transas      |
| Trosa        |
| Varberg      |
| Vingåker     |
| Värmdö       |

MSLS = Master’s in Strategic Leadership towards Sustainability
MSPI = Master’s in Sustainable Product-Service System Innovation
<table>
<thead>
<tr>
<th>Värnamo</th>
<th>Västervik</th>
<th>Ystad</th>
<th>Ange</th>
<th>Örnsköldsvik</th>
<th>Övertorneå</th>
</tr>
</thead>
</table>
N. SELECTION OF INTERNATIONAL PUBLISHED CASE-STUDIES

ALL THE FOLLOWING ARE LIVE LINKS:

1. A “Golden Standard” develops from collaboration in Dublin
2. A Sustainability Vision for the Automotive Services Industry
3. Accommodation and Real Estate Services, British Columbia, Canada
4. Alcoa, Canada
5. Aliant, Canada
6. Announcement: International Wineries Sustainability Benchmarking Project launches
7. Antigonish Sustainable Development, Canada
8. Aquafil’s eco pledge, Italy
9. Ashforth Pacific, Inc., Portland, Oregon, USA
10. Atlantic Canada Sustainability Initiative (ACSI)
11. Axis Performance Advisors, Portland, Oregon, USA
12. Bathurst Sustainable Development, Canada
13. BC Hydro, Canada
14. BECCS - Bio-Energy with Carbon Capture and Storage
15. BOORA Architects, Portland, Oregon, USA
16. Building Toward Sustainability, Literally
17. Building towards sustainability with Pôle Sem Sud
18. Centretown Citizens Ottawa Corporation (CCOC)
19. City of Airdrie, Canada
20. City of Madison, Wisconsin
21. City of Santa Monica, California, USA
22. City of Saskatoon, Saskatchewan, Canada
23. College Campuses Become Climate Neutral Learning-Laboratories
24. College Housing Northwest, Portland, Oregon, USA
25. Collingwood Region, Canada
26. Come for the scenery, stay for the food
27. Commitment to Sustainability Drives Rapid Change at ISL
28. Communities in Newfoundland Planning Strategically
29. Community Engagement Toward Sustainability in Williams Lake
30. Community Foundations of Canada
31. Community Planning Courtesy of Rio Tinto Alcan
32. CONVERGE - Rethinking globalisation in the light of Contraction and CONVERGEnce
33. DHV engineering blurs the line between sewage treatment and river habitat
34. District of North Vancouver, Canada
35. Dow Measures Up
36. Down to Earth - Commercializing Space Technologies for a Sustainable Earth
37. Dr. Robèrt honored as an Ashoka Senior Fellow
38. Edmonton Airports Authority Adopts Sustainability
39. Electrolux
40. Eugene Water and Electric Board, Eugene, Oregon, USA
41. Gerding/Edlen Development Company, LLC, Portland, Oregon, USA
42. Givaudan senses the challenge and opportunity in getting it right
43. GONGOS: Greening Ottawa NGO’s
44. Greening Ottawa NGOs – Take 2
45. Guidebook on Municipal Sustainability Planning, Canada
46. Halifax Regional Municipality, Canada
47. Halifax Shambhala Centre, Canada
48. Hastings District Council, New Zealand
49. Health Alliance, New Zealand
50. Helping Businesses and Municipalities Get Started with PROBE for Sustainable Business
51. Hot Lips Pizza, Portland, Oregon, USA
52. How will Walmart do it?
53. Hydro Polymers Limited
54. ICI Paints
55. IKEA
56. Initiative pour la durabilité des communautés du Québec
57. iNova Credit Union, Halifax, Nova Scotia, Canada
58. iNova Credit Union, Halifax, Nova Scotia, Canada
59. Interface reduces water use 80% per unit since 1996
60. Interface, Atlanta, Georgia, USA
61. J.M. Bygg Construction, Sweden
62. Japan’s adaptive ecology
63. Low fat carbon in the South of New Zealand
64. Max Hamburgerrestauranger
65. Morguard: Sustainably Developing the Real Estate Industry
66. National Film Board, Canada
67. Nike
68. Nike, Inc., Beaverton, Oregon, USA
69. Nike’s Core Values
70. Norm Thompson, Portland, Oregon, USA
71. North American Eco-Muni Network
72. OMSI - Oregon Museum of Science and Industry, Portland, Oregon, USA
73. Organically Grown Company, Eugene, Oregon, USA
74. Otago Polytechnic, New Zealand
75. Otago Polytechnic’s Simple Pledge - ‘Do the right thing’
76. Panasonic
77. Pilot of Community Sustainability Planning Course an Overwhelming Success
78. Portfolio 21 Investments, Portland, Oregon, USA
79. Prestigious Award for “Morbegno 2020”
80. Pret a Manger, United Kingdom
81. Real Change for the Rhine
82. Rejuvenation, Inc., Portland, Oregon, USA
83. Resort Municipality of Whistler, Canada
84. Rio Tinto Alcan, Australia/Canada
85. Rohm and Haas, Philadelphia, Pennsylvania, USA
86. Santropol Roulant
87. Santropol Roulant, Montreal, Quebec, Canada
88. Scandic Hotels
89. Scandic Hotels, Sweden
90. SERA Architects, Portland, Oregon, USA
91. ShoreBank Pacific, Ilwaco, Washington, USA
92. Smart Urbanism - SU:LDN
93. Sokol Blosser Winery, Dundee Hills, Oregon, USA
94. South African Projects
95. Sustainable Dublin, Ireland
96. Swedbank
97. The Co-operative Housing Federation of Canada
98. The Co-operators, Canada
99. The Collins Companies, Portland, Oregon, USA
100. The Fairmont Banff Springs Hotel, Canada
101. The Oregon Natural Step Construction Industry Group
102. TNS in Hawaii: opening minds in a closed system
103. Towards Sustainable Nickel
104. Town of Caledon, Ontario striving toward sustainability
105. Town of Canmore, Canada
106. Town of Markham leading Golden Triangle Region toward Sustainability
107. Town of Olds, Canada
108. TriMet, Portland, Oregon, USA
109. Tualatin Valley Water District, Oregon, USA
110. Twin Ports, Minnesota and Wisconsin, United States
111. UWO Students Making Serious Impact This Summer
112. Valtellina: a "Learning Valley" Towards Sustainability, Italy
113. Walmart: Living better by saving...
114. Whistler Blackcomb, British Columbia, Canada
115. Wolfville, Nova Scotia, Canada
116. Working with Emerging Leaders at the University of Western Ontario
117. Ziptrek Ecotours, Canada
O. MATERIALI IN LINGUA ITALIANA

Modulo di eLearning on-line “Sustainability 101” – 1 ora  http://www.naturalstep.org/elearning


Silvano Edoardo, 2010. La sostenibilità e il modello “The Natural Step”. Università della Val D’Aosta


Insieme si può – il progetto scuole di Vicenza http://www.youtube.com/watch?v=6BmZNmbjSWU


Il Framework di The Natural Step

Guida al Framework di The Natural Step

Esercizi per Insegnanti per educare alla sostenibilità.