

Curriculum Vitae

François SCHNEIDER, PhD

French; Born the 16th of June 1967 in The Hague (Den Haag, The Netherlands)

Recherche et Décroissance, Research & Degrowth, www.degrowth.org, Francois.schneider@degrowth.net

Associate researcher at the Autonomous University of Barcelona

ICTA (Institut de Ciència i Tecnologia Ambientals - Institute of Environmental Science and Technology), Universidad Autonoma de Barcelona, Espai Montseny, C5/410, Edifici C, 08193 Bellaterra, Barcelona, Spain

Co-Founder of “Research and Degrowth”

- 2009-2011** **Associate researcher** at ICTA, UAB, Barcelona. **Organiser** of the second international and scientific conference on Economic Degrowth for ecological Sustainability and Social Equity in Barcelona. www.degrowth.eu
- 2007-2008** **Researcher and Lecturer at Research & Degrowth.** **Organiser** of the first international and scientific conference on Economic Degrowth for ecological Sustainability and Social Equity in Paris. <http://events.it-sudparis.eu/degrowthconference/en/>
- 2006** **Start of the unit «Research and Degrowth» (www.degrowth.net)**
- 2004-2005** **Lecturer** at the Institute of Social and Economic Studies for Sustainable Decrease, www.decroissance.org
- 2002-2003** **Researcher** at INETI/CENDES (www.ineti.pt), Lisbon, Portugal, working on the development of indicators for dematerialisation in Portugal and regions, on design of sustainable Product Service Systems, on Water Flow Analysis and sustainable mobility.
- 2001** **Researcher and Advisor** at the Estonian Nature Fund (www.elfond.ee), Estonia, Tartu, working on the Environmental Report of the Estonian state Chancellery developing consumption indexes (MIPS, Footprint, Energy)
- Since 1999** **Member and Researcher** of the Sustainable Europe Research Institute (SERI), Vienna, Austria, working on Traffic Issues, Sustainable Lifestyles, Rebound Effect and Eco-Efficient Regions.
- 1998-2000** **Researcher** at the *Institute für Industrielle Ökologie*, (<http://www.noe-lak.at/indoek/>) St. Pölten, Austria, with Dr. Andreas Windsperger.
- 1999-2000** **Research Assistant** at the TU-Wien for support in environmental assessment projects.
- 1997-1998** **Organiser of the first international conference** “Towards CarFree Cities” in Lyon, France, co- founding the World Carfree Network, www.worldcarfree.net
- 1992-1997** **PhD researcher** at INSA de Lyon (LAEPSI, <http://www.insa-lyon.fr/Laboratoires/laepsi.html>) and University of Leiden, The Netherlands (CML, <http://www.leidenuniv.nl/interfac/cml/>). Organiser of the first international seminar on Allocation Problems in LCA in Leiden University in 1994.
- 1990-1991** **Research assistant** in Mc Gill University (<http://www.mcgill.ca/>), Montreal, Canada (Anglophone) on the subject of occupational health in aluminium plants.

PhD obtained in 1996 in Life Cycle Assessment (LCA) and Substance Flow Analysis (SFA/MFA) at INSA de Lyon (Institut National des Sciences Appliquées), France, on the subject of Analyses of Recycling and Reuse in the context of LCA and SFA. Mention Très Honorable. Scientific supervisors: Prof Alain Navarro (INSA de Lyon), Dr Gjalt Hupkes (CML, Leiden, Holland) and Gérard Bertolini (CNRS Lyon).

4- Scientific Techniques and Skills

Work in Life Cycle Assessment and allocation problems since 1991, Material Flow Accounting since 1994, Rebound effect and Degrowth since 2001

Presented more than 100 conferences on the concept of Economic Degrowth for Sustainability and Equity

Stays abroad in Canada, Holland, Austria, Estonia, Portugal. Currently in Barcelona, Spain.

Regular participation to international conferences, important contacts in LCA, MFA, MIPS world networks.

Languages: Mother tongue French; Fluent English, Portuguese and German; Current Dutch and Spanish; Catalan

5- Areas of interest

Regional eco-efficiency; Sustainable consumption and lifestyles; Eco-efficiency and rebound effects

Life Cycle assessment; Material flow accounting and reduction of material flows in society

Waste management, recycling and reduction of waste streams; Sustainable transportation and reduction of road use

Greenhouse effect and societal reduction of carbon flows ; Water Flow Analysis and “dewaterisation” (global water saving)

6- List of Publications

General review of the degrowth concept

- Schneider F, Joan Martinez-Alier, Giorgos Kallis, "Sustainable Degrowth", Journal of Industrial Ecology, in press (2011)
- Bayon, D., Flipo, F., Schneider F. La décroissance, 10 questions pour comprendre et en débattre. Editions la découverte 2010. http://www.editionsladecouverte.fr/catalogue/index-La_decroissance_-9782707157911.html
- Bayon D., Flipo F., Schneider F., Decrecimiento, 10 preguntas para comprenderlo y dibatirlo, Ed El Viejo Topo, 2011. http://www.elviejotopo.com/web/libros_detalle.php?idLibro=288
- Schneider, F. Kallis, G., Martinez-Alier, J. 2010. Crisis or opportunity? Economic degrowth for social equity and ecological sustainability. Introduction to this special issue, J. of Cleaner Production, 18(6), 511-518.

Degrowth movement

- Federico Demaria, Francois Schneider, Andrea Calsamiglia, Laura Blanco, Dalma Domeneghini, Degrowth in South Europe: complementarity in diversity http://www.esee2011.org/registration/fullpapers/esee2011_fca078_1_1311324846_8820_2134.pdf
- Schneider F, Sekulova F, Rijnhout L. Die Degrowth-Bewegung. Ein Blumenstraß von Strategien. In: Nach dem Wachstum, Politische Ökologie 121-122, 2010, p37-40, Oekom Verlag: München
- Schneider, F. Demaria F., Puddu, S., Leira, O. Els camins del decreixement, Quaderns d'Illaçra 29, Directa 195, sept 2010.
- Schneider F, Demaria F. Decreixement Sostenible: complementariedad en la diversidad, Revista Nous Horitzons, 2011
- Kallis G, Schneider F, Martinez-Alier J, Sustainable De-growth, In: Proceedings of the 8th International Conference of the European Society for Ecological Economics, Biotechnical Faculty, Ljubljana, Slovenia - 29th June - 2nd July 2009, <http://www.esee2009.si/papers/Kallis%20-%20Sustainable%20De-growth.pdf>

Conference proceedings

- Proceedings of the Second conference on Economic Degrowth for Ecological Sustainability and Social Equity, University of Barcelona, 26-29 March 2010, www.degrowth.org
- Kallis G, Schneider F, Martinez-Alier J (Eds). Growth, Recession or Degrowth for Sustainability and Equity? Special Issue J. of Cleaner Production. Volume 18, Issue 6, Pages 511-606 (April 2010)
- Flipo F & Schneider F (Eds), Proceedings of the First Economic Degrowth for Ecological Sustainability and Social Equity. Paris 18-19 April 2008, Research & Degrowth, INT, 322p. Available from <http://events.it-sudparis.eu/degrowthconference/en/>.
- La décroissance économique pour la soutenabilité écologique et l'équité sociale, Mylondo (Ed), Recherche et Décroissance, Collection Ecologica, Editions du Croquant: Bellecombe-en-bauge, France, 2009, pp 197-214.

Degrowth of consumption and productive capacities

- Schneider, F. Degrowth of Production and Consumption Capacities for social justice, wellbeing and ecological sustainability, Proceedings of the Second conference on Economic Degrowth for Ecological Sustainability and Social Equity, University of Barcelona, 26-29 March 2010, <http://www.degrowth.org/fileadmin/content/documents/Proceedings/Schneider.pdf>
- Schneider F. Sustainable Degrowth of Production and Consumption Capacities. In: Socially Sustainable Economic Degrowth. Proceedings of a workshop in the European Parliament on April 16, 2009, upon invitation by Bart Staes MEP and The Greens / European Free Alliance, Rijnhout L and Schauer T (Eds), The Club of Rome - European Support Centre: Vienna, Austria, pp17-23. http://www.clubofrome.at/2009/degrowth/files/booklet_degrowth.pdf
- Schneider F. Sur l'importance de la décroissance des capacités de production et de consommation dans le Nord Global pour éviter l'Effet Rebond, In: La décroissance économique pour la soutenabilité écologique et l'équité sociale, Mylondo (Ed), Recherche et Décroissance, Collection Ecologica, Editions du Croquant: Bellecombe-en-bauge, France, 2009, pp 197-214.

Degrowth and rebound effect

- Schneider F, Macroscopic rebound effects as argument for economic degrowth, Proceedings of degrowth conference. Paris 18-19 April 2008, Research & Degrowth, INT. Article: <http://events.it-sudparis.eu/degrowthconference/en/themes/1First%20panels/Backgrounds/Schneider%20F%20Degrowth%20Paris%20april%202008%20paper.pdf>, presentation: <http://events.it-sudparis.eu/degrowthconference/en/themes/1First%20panels/Backgrounds/Schneider%20F%20Degrowth%20Paris%20april%202008%20presentation.pdf>

- Schneider F. Book review of John, M. Polimeni, Kozo Mayumi, Mario Giampietro, Blake Alcott, 2008. The Jevons paradox and the myth of resource efficiency improvements, Earthscan Research Editions, London, Sterling VA. Journal of Cleaner Production 18 (2010) 600–602
- Schneider F, Effet rebond: Diminuer notre vouloir d'achat. Silence 323, mai 2005, p19.
http://www.decroissance.org/francois/recherche/articles/vouloir_achat.htm
- Schneider F, Mieux vaut débonder que rebondir, dans Objectif Décroissance, Ed Paragon, 2003 et Silence, février 2002, <http://www.decroissance.org/francois/recherche/articles/efficacite.pdf>
- Schneider F, L'effet Rebond, l'Ecologiste, Edition française de The Ecologist, n°11 Octobre 2003, Vol 4, n°3, p45-
http://www.decroissance.org/francois/recherche/articles/effet_rebond.pdf
- Schneider F, Hinterberger F, Mesicek R, Luks F, *ECO-INFO-SOCIETY: Strategies for an Ecological Information Society*, 7th European Round Table for Cleaner Production (ERCP) 2001, Lund, Sweden
Thematic group on Intelligent Consumption, Workshop 10 on Sustainable Consumption and Rebound Effects.
Article: http://www.decroissance.org/francois/recherche/articles/SERI_EIS.pdf;
Presentation: http://www.decroissance.org/francois/recherche/articles/SERI_EIS-pres.pdf
Résumé: http://www.iiiee.lu.se/ercp/workshops/docs/10_rebound_summary.pdf
Version also published in "Sustainability in the Information Society", Hilty, M.L., P.W.Gilgen (Eds.), part 2, p.831-839, Metropolis-Verlag, Marburg.

Degrowth in specific sectors

Fertilizer and explosive industries

- Schneider F. Degrowth of world Haber-Bosch Processes. Stirring paper for the Second conference on Economic Degrowth for Ecological Sustainability and Social Equity, University of Barcelona, 26-29 March 2010,
http://www.degrowth.org/uploads/media/Schneider_haber-bosch.pdf
- Schneider F. Décroissance des procédés Haber-Bosch. Proceedings of degrowth conference. Paris 18-19 April 2008, Research & Degrowth, INT. <http://events.it-sudparis.eu/degrowthconference/en/themes/2Special%20applications/I/Schneider%20F%20Degrowth%20Paris%20april%202008%20paper.pdf>

Allocation in trade

- Rodrigues J, Domingos T, Giljum S, Schneider F, *Designing an indicator of environmental responsibility* Ecological Economics – 2005

Degrowth of extraction equipments

- Schneider F, Niza S, *Development of Input indicators based on extraction equipments*, Workshop Quo vadis MFA? „Material Flow Analysis – Where do we go? Issues, Trends and Perspectives of Research for Sustainable Resource Use“ Wuppertal, Germany, 9–10 October 2003
<http://www.decroissance.org/francois/recherche/articles/extractorsQuovadis-pres.pdf>;
presentation:<http://www.decroissance.org/francois/recherche/articles/extractorsQuovadis-pres.pdf>

Degrowth of water use

- Schneider F, Catarino J, Nogueira A, Rodrigues F and Santos C, *Towards “dewaterisation” and “dematerialisation” of regional “water use basins” with Water Flow Analysis*, Science for Water Policy: the implications of the Water Framework Directive", 2-4 September 2002, Norwich, UK, [Report http://www.mariecurie.org/swap/swapoutput.htm](http://www.mariecurie.org/swap/swapoutput.htm); <http://www.decroissance.org/francois/recherche/articles/dewaterisation.pdf>

Degrowth of governments' consumption

- Schneider F, Koppel K, Lehtveer U, Trapido T, The Environmental Report of the Estonian State Chancellery, Tartu, Estonia : Estonian Fund for Nature, 2001.

<http://www.decroissance.org/francois/recherche/articles/chancellery-inglise.pdf>

Degrowth of traffic

- Schneider F, Nordmann A, Hinterberger F, *Road Traffic Congestion, Extend of the Problem*, World Transport Policy & Practice, Volume 8, Number 1, 2002, pp34-41, <http://www.eco-logica.co.uk/pdf/wtpp08.1.pdf>

Degrowth of Material Flows

- Schneider F, Bayon D, Dematerialization and Sustainable Degrowth, Research Framework for a Fair and Ecological Economic Degrowth, Dematerialization across scales : Measurements, empirical evidence, future options, 2006 Conaccount meeting, Septembre 13-14, Vienna, Austria.

Article:

Presentation: <http://www.degrowth.net/IMG/pdf/SchneiderViennaccountpres.pdf>

- Hinterberger F, Schneider F. Eco-Efficiency of Regions: Toward Reducing Total Material Input, Workshop paper, 7th European Round Table for Cleaner Production (ERCP) 2001, Lund, Sweden

- Orthofer R, Gebetsroither E, Strebl F, Gerzabek M, Schwaiger H, Schlamadinger B, Jungmaier G, Spitzer J; Canella L, Hintermeier G, Windsperger A Schidler S, Schmidt-stejskal H, Schneider F, The Austrian Carbon Balance Model (ACBM), Austrian Research Centre Seibersdorf (Vienna), Joanneum research (Graz), Institute for Industrial Ecology, Final Report, Dec 2000. Project n 1640004700, report n° OEFZS--S-107, 148p.
<http://systemforschung.arcg.ac.at/su/Umweltplanung-dt/Publications/0107.htm>

- Hinterberger F., Bamberger K., Manstein C., Schepelmann P., Schneider F. and Spangenberg J., *Eco-efficiency of regions, How to improve competitiveness and create jobs by reducing environmental pressure*, Government of Carinthia, Austrian Ministry of Agriculture, Forestry, Environment and Water, Wien: SERI, November 2000, 30 p.
- Schmidt-Stejskal H, Schneider F, Windsperger A, Draxler S, Fister G, Schönstein R, Schörner G, *Niederösterreichisches Klimaschutzprogramm (Climate Protection Program in Lower Austria)*, Institute for Industrial Ecology, FIEU, NÖ Landesregierung, Abt RU 4, Okt. 2000
- Schneider F. & Windsperger A., *Description of carbon flows in waste management in terms of quality and type of materials. ESEE 2000 conference*. Vienna 3-6 May 2000. Article: <http://www.decroissance.org/francois/recherche/articles/ESEEI319.pdf>
- Presentation: http://www.degrowth.net/IMG/pdf/SchneiderPresentation_SETAC3.pdf
- Schneider F. & Windsperger A., *Austrian Carbon Balance Model: Developing a Bottom-up approach for the Production and Waste Sectors*, Socio-Industrial Metabolism Workshop- Conference on Industrial Ecology and Sustainability, Sept 22-25 1999, Troyes, France.

Participative decision making

- Schneider F et al. Dossier Spécial, Le consensus en tant que source d'émancipation, Silence numéro 373 Nov 2009, pp4-19 http://www.revuesilence.net/epuises/silence_373_web.pdf
- Schneider F et al. Decisions participatives, buscar un sentit comú. Papers d'innovació social numero 99. EcoConcern 2009.

Frugal innovations

- Schneider F, Dossier spécial “Pour des innovations frugales” Silence 340, nov 2006, pp4-19
http://revue.silence.free.fr/300-349/silence_340_web.pdf

Life Cycle Assessment of products and allocation problems

- Schneider F., Chevalier J. & Navarro A. *ACV: Méthodes d'affectation. (LCA: Methods of Allocation)* Techniques de l'ingénieur. Traité Génie industriel G 5 550. April 1998, 16p. http://www.techniques-ingenieur.fr/dossier/analyse_du_cycle_de_vie_problemes_d_affectation/G5550
- Schneider F. PhD thesis. Analyses of Recycling and Reuse in the context of LCA and SFA. Mention Très Honorable. Scientific supervisors: Prof Alain Navarro (INSA de Lyon), Dr Gjalt Huppes (CML, Leiden, Holland) and Gérard Bertolini (CNRS Lyon). 1996.
- Schneider F. *Analysing Waste Recovery as a Switch of Cascade Systems*. R'95 congress proceedings. Genève, Suisse, 1-4 Feb 1995, pp 261-267.
- Huppes G. & Schneider F. (Eds). *Proceedings of the European Workshop on Allocation in LCA*. Leiden, Pays-Bas, CML, Brussels: SETAC, Feb 1994, 174p.
- Schneider F. *Allocation and Recycling: Enlarging to the Cascade System*. Proceedings of the European Workshop on Allocation in LCA. Leiden, 1994, pp39-53.