

Walter R. Stahel

1 ACHIEVEMENTS

Alumni of ETH, the Swiss Federal Institute of Technology (ETH) Zurich, where he received his diploma in architecture in 1971.

1983 to today, active as Founder-director of The Product-Life Institute Geneva, keynote speaker, lecturer and author on the Circular Industrial Economy.

MOST QUOTED PUBLICATIONS: <https://scholar.google.com/citations?user=N9rR7qwAAAAJ&hl=fr>

- COMMENT – The Circular Economy; Nature, Vol 531, 435—438. (24 March 2016).
- The Performance Economy, second edition (2010), Palgrave Houndmills.
- Jobs for Tomorrow, the potential for substituting manpower for energy (1976/81), with Geneviève Reday-Mulvey, Vantage Press NY.
- The Limits to Certainty, facing risks in the new Service Economy (1989/92) with Orio Giarini, Kluwer Dordrecht.
- The functional service economy: cultural and organizational change; in: Richards, Deanna J., (1997) The industrial green game, National Academy Press, Washington DC.
- The Circular Economy – a user's guide. Walter R. Stahel (2019) with a foreword by Dame Ellen MacArthur. Routledge, Abingdon
- Recent book in Italian: Economia circolare per tutti. Concetti base per cittadini, politici e attori economici. Walter R. Stahel (2019) Edizioni Ambiente, Milano.

HONOURS

- 2005, appointed as a Visiting Professor at the Faculty of Engineering and Physical Sciences of the University of Surrey, Guildford, for the period 1 September 2005 to 31 August 2008. renewed in 2008, 2011, 2014, 2017 and 2020 for another three-year term.
- 2013, awarded an honorary degree of Doctor of the University by the University of Surrey, Guildford, Great-Britain.
- 2014, nominated as a finalist of the Fortune Awards for Circular Economy Leadership 2015, at the WEF 2015 Davos.
- 2015, elected Full Member of the Club of Rome.
- 2016, awarded an honorary degree of Doctor of the University by the Université de Montréal, Canada, and appointed Visiting Professor at l'Institut EDDEC à Montréal.
- 2020, awarded the Thornton Medal by the IOM3 London.
- 2020 appointed Senior Research Fellow at the Circular Economy Research Centre of Ecole des Ponts Business School.
- 2021 appointed member of the Scientific Foresight Board of the circulareconomyalliance.com
- membre honoraire de l'Institut Fredrik R. Bull, Les-Clayes-sous-Bois.

PRIZES

- In 1982, with a paper "The Product-Life Factor", Stahel was 3rd prize laureate of the Mitchell-Prize Competition on sustainable societies in Houston, TX, USA, with 1st prize going to the U.S. Secretary of State of Agriculture, 2nd to Amory and Hunter Lovins, 4th to Peter Senge.
<http://www.product-life.org/en/major-publications/the-product-life-factor>
- In 1978, together with Peter Perutz, he won a first prize in the competition of the German Future's Society, Berlin, with a paper on unemployment, occupation and profession.
<http://www.product-life.org/de/archiv/arbeitslosigkeit%E2%80%93beschaeftigung%E2%80%93beruf>

2 PROFESSIONAL EXPERIENCE

1967-73, architect at the office of Bicknell and Hamilton, London WC1, and Switzerland.

1973-79, project manager - in the fields of business strategy and feasibility studies at the centre for applied economics of the Battelle Geneva Research Centres, Battelle Memorial Foundation,

Columbus, Ohio. One study led to a patent application: *Demande de brevet. Procédé pour déceler l'éloignement relatif de deux corps au-delà d'un certain rayon d'action et ensemble pour la mise en œuvre du procédé. Demande no. 12550/77. 14 oct 1977, Battelle Centre de Recherche de Genève, inventeurs W. Stahel et J.L. Prost.*

1980-83, Controller and Personal Assistant to the CEO of a holding company with worldwide activities in shipping, real estate, garments, farming and world leader in in-situ rail grinding.

1983, creation of the Product-Life Institute / *institute de la durée* in Geneva.

1986-2014. Vice-secretary General and director of risk management research of the Geneva Association (International Association for the Study of Insurance Economics).

From 1983 to 2014, shared activity between teaching and:

The Product-Life Institute Geneva, founded 1983, the oldest established consultancy in Europe devoted to developing sustainable strategies and policies; at the time with partner institutes in Tokyo, New York and Vienna. <http://www.product-life.org/>

The Geneva Association, established 1973, the world's leading think-tank on economic and risk issues concerning the insurance sector, financed by its members, the CEOs of the eighty biggest insurance and reinsurance companies worldwide. <http://genevaassociation.org>

3 TRACK RECORD IN CIRCULAR ECONOMY RESEARCH

Since 1984, Stahel has been active as business consultant in most European countries, the USA and Asian countries in the fields of:

- developing strategies, policies and tools to foster sustainable development (sustainable production and consumption issues) through sufficiency, efficiency and systems solutions,
- researching utilization-focused technologies such as the re-use, repair, reprocessing and technological upgrading of components, goods and systems, combining corporate strategies of technical and marketing nature with industrial design,
- risk management and the insurability of risks and their relevance for the shift from an industrial (or river) to a service (or lake) economy,
- regional economic development and job creation.

A consultant on the policies and strategies of a sustainable development to the European Commission in Brussels, he participated at its 'Futures 2010' project (on the panels 'natural resources and the environment', 'European technology map', 'financing the societal bills'), as well as on ETAN and STRATA projects on research policy, risk management and global climate change, and on the issue of sustainable and competitive production. He was an associate member of ESTO, the European Science and Technology Observatory.

He has worked as a consultant on strategic issues for:

- a number of large industrial companies (including BP, Castrol, CORUS and Cookson Plc in the UK; Eastman Kodak, Polaroid Corp., Thoro System Products/ICI Speciality Chemicals, Southern California Edison, Xerox and others in the USA, Fuji-Xerox in Japan, Grundfoss, Bosch, Siemens, Sika and Electrolux in Europe);
- small and medium sized enterprises in Germany, Austria, India and Japan;
- national and regional governments in Europe (UK House of Commons, London; Ministry of the Environment Baden-Württemberg, Stuttgart; Federal Ministry of Innovation and Technology, Vienna; Federal Ministry of Research and Education, Bonn, Germany; Ministère de la Recherche, Paris, Scottish Parliament),
- professional organisations (including the UK Design Council, the U.S. IDSA (Industrial Designer Society of America), the Austrian 'WIFI' (office of economic promotion), and CIDA, the Chinese Industrial Designer Association).

Stahel regularly lectures at universities and conferences in Europe, Asia and the USA on subjects ranging from the insurability of risks as the borderline between State and the economy, risk management and loss prevention to eco-design, waste prevention and strategies for a more sustainable development. Since 2020, this activity has increased but mostly in on-line events.

He was Manager of the IFG Forum 1992/93 (International Design Forum Ulm – the successor of the IHG Ulm) and its award programme on the theme of 'Common utilization versus singular consumption'.

A full list of clients from 1982 - 2000 can be downloaded from <http://www.product-life.org/en/clients>

4 **TEACHING ASSIGNMENTS** (in alphabetical order) up to 2020.

Since 2020 (COVID), this activity has increased in intensity but mostly in on-line events.

- Aarhus University, dept of environmental science, Roskilde (Denmark) 2017,
- Aarhus University, BTECH Herning, Denmark, 2016,
- CIDA, Chinese Industrial Designer Association in Taiwan, 1996, Lecturer on Eco-Design;
- Cranfield University, UK, 2016
- Ecole des Mines Paris, lecturer at the ISIGE Fontainebleau (2000 - 2005);
- ETH Zurich, COSS (computational Social Sciences) 2016
- Fachhochschule Anhalt, Dessau (University of Applied Sciences Dessau); Lehrauftrag im Fachbereich Design 1998;
- Fachhochschule Köln (University of Applied Sciences Cologne), lecturer on architectural design 2003;
- Hochschule der Künste Berlin, Lehrauftrag für das Fach 'Zukunftswerkstatt Design' 1993/94 (Professor Roehricht Ulm);
- Hochschule Pforzheim, Germany (Lehrbeauftragter 2007)
- HSR Hochschule Rapperswil, Dozent im Nachdiplomstudium Ressourcenbewirtschaftung (post-graduate course on resource economics 1998);
- IFG Ulm, manager of the one-year award programme 1992-93;
- Institut de l'Environnement, du Développement Durable et de l'Economie circulaire Montréal, Canada, 2016;
- NJIT, New Jersey Institute of Technology, USA, 2019,
- Tohoku University, Japan, guest lecturer 2005 - 2010.
- Tongji University, Shanghai PRC, 2007;
- Universität Bern (Switzerland) 2015;
- Université de Lausanne (Switzerland) 2015;
- Université de Montréal, 2016.
- University of Exeter 2019,
- University of South Australia, 2016 <http://product-life.org/en/A-series-of-WRS-interviews-from-the-25th-anniversary-conference-of-the-University-of-South-Australia>
- University of Surrey, Guildford/UK, Visiting Professor at the Faculty of Engineering and Physical Sciences since 2005;
- University of Wisconsin Madison, USA (regularly 1994-2005);
- utls - université de tous les savoirs, Ministère de la Culture Paris, France 2000;
- utt - université de technologie de Troyes, 2000-2005, lecturer on the subject of l'économie de fonctionnalité) ;
- Yenshin Institute of Technology, PRC, 2015.

5 **RESEARCH REPORTS**

A number of 'case studies' can be downloaded from the website <http://product-life.org>

Unpublished research reports (selection)

- 'Products into Services in the EU to 2010', for DG JRC, EU Commission, IPTS Sevilla, 99.
- Multi-client study on the shift from manufacturing to a service economy, 1998 to 2010, 2001.
- Vienna Trees, Eco-design decision trees to develop sustainable solutions, Federal Ministry of Economics and Labour, Vienna, Austria, 1995.
- The impact of shortening of the life-time of products and production equipment on industrial competitiveness and sustainability, for DG Industry, EU Commission, Brussels, 1994.
- Environmentally advanced product design, for US EPA, Office of R&D, Risk Reduction Engineering Laboratory, with Resource Policy Institute, Los Angeles. 1993.
- Report on Energy in Construction (ECUP Energy Capital per Unit of Performance ratio), for the Battelle Memorial Institute, Columbus, Ohio, USA, 1976.

Published research reports (selection)

- INTEREST (INSurance, TEchnological Risk and Emerging Science and Technology policies), research Project for the STRATA programme of DG Research, EU Commission, Brussels, jointly with PSI Policy Studies Institute London, the Swedish Council for Planning and Coordination of Research Stockholm, Technopolis France, Paris, 2003.
- 'Sustainable Production – challenges & objectives for EU Research Policy'. Report of the Expert Group on Competitive & Sustainable Production and Related Service Industries in Europe in the Period to 2020. Published as EUR 19880, July 2001, DG Research, European Commission, Brussels (member of the expert group).
- Langlebigkeit und Materialrecycling (long-life goods and material recycling). Umwelt-Ministerium Baden-Württemberg. Three case studies on re-design of goods for higher resource productivity: washing machines, power tools, personal computers, translated into English by R&D office, U.S. EPA, Washington D.C., 1990.
- Handbuch Abfall 1, Landesanstalt für Umweltschutz Baden-Württemberg 1995 (a collection of 300 examples of a higher resource efficiency). Revisited in 2004 for ASKB, Aachen.
- The Potential for Substituting Manpower for Energy; study no. 76/13, for DG Manpower, European Commission, Brussels, 1976.

6 PUBLICATIONS

Since 1980, Stahel has authored books and numerous articles on policies, strategies and tools to foster an economic and societal development towards a more sustainable society.

Publications include books and book chapters, articles in scientific journals and newspapers in English, German, French, Italian, Japanese, Chinese and other languages.

A full list of Stahel's publications 1976 – 2016 can be downloaded from: <http://www.product-life.org/en/archive/publications>.

Most books and publications by Stahel can be consulted at the library of CES, the Centre for Environment and Sustainability of the University of Surrey, UK.

Publications in Italian :

recent interview on-line:

<https://it.businessinsider.com/walter-stahel-papa-delleconomia-circolare-addio-globalizzazione-e-lora-della-performance-economy-chi-lo-capisce-fara-grandi-profitti/>

Stahel, Walter R. (2019) Economia circolare per tutti. Concetti base per cittadini, politici e attori economici. Edizioni Ambiente, Milano,

Stahel, Walter R (2017) Avro cura di te, intervista a Walter R. Stahel; in: Materia Rinnovabile, n° 16, maggio-giugno 2017.

L'anello virutoso dell'economia anti-spreco. Parla Walter Stahel, pioniere della sostenibilità: "E la circolarità a produrre ricchezza". In: Avvenire, 23 ottobre 2016. P. 6.

Stahel, Walter R. (2007) Dai prodotti ai servizi: vendere prestazioni invece dei beni; Azienda Nazionale per lo Sviluppo dell'Autonomia Sciolastica ex. IRRE ex Lombardia.

Giarini, Orio, e Stahel, Walter R. (1993) I limiti della certezza, affrontare i rischi nella nuova economia di servizio, Etaslibri Milano; ISBN 88-45305988. 276 p.

Stahel, Walter R. (1992) 'La Strategia ecologica dei prodotti durevoli'; in: L'Impresa ambiente 7/92, Milano.

Perutz, Peter e Stahel, Walter (1981) "Quattro Vie Per Nuovi Posti Di Lavoro"; in: Tempo Economico, vol xvii no 191, 1981. pp 93-7.

Stahel's most recent publications are:

PUBLICATIONS 2022

Stahel, Walter R. (2022) Research propels the circular industrial economy from the material to the immaterial 'world', chapter 2 in: Jakobsen, Siri et al (2021) Research Handbook of Innovation for a Circular Economy, EE Edgar Elgar, pp. 12-23

PUBLICATIONS 2021

- Sauvé, Sé., Lamontagne, Sé., Dupras, Jéô., Stahel, W., Circular economy of water: Tackling quantity, quality and footprint of water, Environmental Development (2021), doi: <https://doi.org/10.1016/j.envdev.2021.100651>.
- Stahel, Walter R. (2021) Wirtschaften in Kreisläufen; in: Hebel, Dirk und Heisel, Felix, Urban Mining und kreislaufgerechtes Bauen, Fraunhofer IRB Verlag, Stuttgart. ISBN 978-3-7388-0563-5
- Stahel, Walter R. (2021) Circular Perspectives in Linear Mindsets; in: REVOLVE, N° 39, Spring 2021, p. 76-9. ISSN 20332912. www.revolve.media

PUBLICATIONS 2020

- Stahel, Walter R. (2020) Adevarul despre economia circulara sau Economia circulara pentru incepatori. Editura Letras <https://letras.ro/product/adevarul-despre-economia-circulara-ebook-pdf/>
- Stahel, Walter R. (2020) History of the circular economy; in: Eisenriegler, Sepp (ed.) (2020) Circular Economy in the European Union, Springer. DOI 978-3-030-50239-3_2, © 2020
- Stahel, Walter R. (2020) The Circular Industrial Economy of the Anthropocene and its benefits to Society. Chapter 11, in: Krishna B. Misra (ed.) Handbook of Performability engineering. <http://ramsconsultants.org> DOI 978-3-030-55732-4_11, © 2021
- Stahel, Walter R. (2020) The circular economy and intelligent decentralisation, nanotechnologies and material, minerals and mining; in: Nanotechnology Perceptions, vol. 16, N° 2, July 2020, pp. 151-168. Collegium Basilea, Basel. ISBN 9798559827421.
- Stahel, Walter R. (2020) L'économie circulaire et le développement durable à la base de la Suisse, in: Christian Häuselmann, Suisse 2291. L'économie circulaire et le développement durable à la base de la Suisse.
- Stahel, Walter R. (2021) Bau(t)en in einem Wirtschaften in Kreisläufen; in: Hebel, Dirk und Heisel Felix, Urban Mining, Fraunhofer IRB Verlag
- Stahel, Walter R. (2020) The circular economy and intelligent decentralization, nanotechnologies and materials, minerals and mining; in: Nanotechnology Perceptions16 (2020) 151–168, doi: 10.4024/N11ST20A.ntp.16.02.
- Stahel, Walter R. (2020) Adevarul despre economia circulara sau Economia circulara pentru incepatori.
- Stahel, Walter R. (2020) History of the circular economy; in: Eisenriegler, Sepp (ed.) (2020) Circular Economy in the European Union, Springer Nature Switzerland, Cham.
- Stahel, Walter R. (2020) The Circular Industrial Economy of the Anthropocene and its benefits to Society (Chapter 11); in: Prof. Krishna B. Misra (ed) handbook of Performability engineering. Springer Nature Switzerland Cham.
- Stahel, Walter R. (2020) introduction to 'Maintaining a resilient and sustainable planet within planetary boundaries – the case of Switzerland', WWF & PWC.
- Stahel, Walter R. (2020) circular economics; in: "Economia circular – Debate global, aprendizado brasileiro", Beatriz Luz, Scoppio Editora Ltda., Rio de Janeiro.

PUBLICATIONS 2019

- Stahel, Walter R. (2019) Circular Industrial Economy; in: Charter, Martin (ed.) (2018) Designing for the Circular Economy, Routledge Abingdon. 396 pages. UK£ 45.
- Stahel, Walter R. (2019) innovation in the circular and the performance economy; Chapter 3 in; Boons, Frank and McMeekin, Andrew (eds.) Handbook of Sustainable Innovation, Edward Elgar Publishing Ltd Cheltenham, p. 38-58.
- Stahel, Walter R. (2019) The Circular Economy – a user's guide. with a foreword by Dame Ellen MacArthur, Routledge, Abingdon.
- Stahel, Walter R. (2019) Economia circolare per tutti. Concetti base per cittadini, politici e attori economici. Edizioni Ambiente, Milano,
- Stahel, Walter R. (2019) Sirkulær Økonomi – En handbook, SINTEF, Trondheim, <https://www.sintefbok.no/>.
- Stahel, Walter R. (2019) Economía Circular para todos- Conceptos básicos para ciudadanos, empresas y gobiernos, Walter R. Stahel. Amazon, ISBN-13: 9781094658513 <https://www.amazon.es/dp/1094658510>

Stahel, Walter R. (2019) Foreword in "What is Circular Economy", Bompan, Emanuele and Brambilla, Maria Nicoletta. Edizioni Ambiente, Milano,

Stahel, Walter R. (2019) Zero waste through Nature's circularity; in: The Geographer, Autumn 2019, The Royal Scottish Geographical Society, p. 9

Clift, R., Baumann, H., Murphy, R.J., Stahel, W.R. (2019) managing plastics: uses, losses and disposal; in: special issue on 'Regulating the Circular Economy', Journal of Cleaner Production.

<https://www.researchgate.net/publication/336460632>

interview on-line:

<https://it.businessinsider.com/walter-stahel-papa-delleconomia-circolare-addio-globalizzazione-e-lora-della-performance-economy-chi-lo-capisce-fara-grandi-profitti/>

PUBLICATIONS 2018

Stahel, Walter R. (2018) Circularity, Circular Economy and Circular Industrial Economy; in: Bompan, Emanuele and Brimbilla, Ilaria Nicoletta (eds), What is Circular Economy, Edizioni Ambiente, Milano, 160p. pp 7-10. €15.

Stahel Walter R. (2018) Fixierung auf Konsum führt in die Sackgasse", interview in Der Standard, Wien, 13. Aug 2018, Wirtschaft p. 7,

Stahel, Walter R (2018) Slutna kretsloop och gränslösa funktioner (Performance Economy); in: Oesterberg, Robert and Malmaeus, Mikael (eds.) Ekonomi för Antropocen (An Economy for the Anthropocene). Carlsson Bokförlag, Stockholm. p. 316-338.

Stahel, Walter R. (2018) dinner speech at Circular Economy Hotspot Scotland in Glasgow, <https://www.chinatimes.com/newspapers/20181217000537-260119>

PUBLICATIONS 2017

Stahel, Walter R. (2017) Nutzen statt besitzen, Kreislaufwirtschaft könnte revolutionär sein; in: NZZ, 3 March 2017, page 10 ,Meinung & Debatte'.

Stahel, Walter R. (2017) Economy without waste; in: Sustainable Development Goals 2017, from promise to practice fourth edition, UNA-UK, London. pp. 100-4. ISBN 978-0-9929223-9-9.

<http://www.sustainablegoals.org.uk/economy-without-waste/>

Stahel, Walter R (2017) Analysis of the structure and values of the European Commission's Circular Economy Package; Proceedings of the Institution of Civil Engineers - Waste and Resource Management 0 2016 Issue WR0. ISSN 1747-6526 | E-ISSN 1747-6534, pages 1-5. DOI: <http://dx.doi.org/10.1680/jwarm.17.00009>. Published Online: March 31, 2017.

Stahel, Walter (2017) Circular Economy; in: Punsola, A. and Fernandez, Sergio (2017) #30visions of sustainability, Knauf

Stahel, Walter R. (2017) Preface; in: Baker-Brown, D. (2017) The RIBA Re-use Atlas, RIBA Publishing London, ISBN: 978 1 85946 644 5.

Stahel, Walter R. (2017) Case study on IT remanufacturing in the Annual Report of the Government Chief Scientific Advisor and DEFRA Chief Scientist, London.

Stahel, Walter R. (2017) Preface; in: Baker-Brown, D. (2017) The RIBA Re-use Atlas, RIBA Publishing London, ISBN: 978 1 85946 644 5.

"Stop Death (of Objects)", Interview with Walter R. Stahel; in: renewblematter, n° 16, 2017. ISSN 2385-2240. pp. 10-14.

Interview Walter Stahel, the origin of „cradle to cradle“ / "du berceau au berceau"; à l'origine du concept; in: sustainability *04, IMS LUXEMBOURG MAG, p. 26-35. ISBN 978-2-9199446-4-4.

Stahel, Walter R. and Mohr, Conrad (2017) Remanufacturing IT equipment; in: From Waste to resource productivity, pp. 47-8, https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/667480/from-waste-to-resource-productivity-evidence-case-studies.pdf

Stahel, Walter R (2017) Avro cura di te, intervista a Walter R. Stahel; in: Materia Rinnovabile, n° 16, maggio-giugno 2017.

PUBLICATIONS 2016

Stahel, Walter R. (2016) 'Future opportunities', in: Statements: Energie- und ressourceneffizient Wirtschaften; in: Zürcher UmweltPraxis (ZUP) Nr. 83, Januar 2016. p. 22.

- Stahel, Walter R. and Clift, Roland (2016) Stocks and Flows in the Performance Economy; in: Clift, Roland and Drukman, Angela (eds.) (2016) Taking Stock of Industrial Ecology. Springer Berlin, pp. 137-58.
- Stahel, Walter R. (2016) COMMENT – a new relationship with our goods and materials would save resources and energy and create local jobs; *Nature*, Vol 531, 435—438. (24 March 2016)
doi:10.1038/531435a
http://www.nature.com/polopoly_fs/1.19594!/menu/main/topColumns/topLeftColumn/pdf/531435a.pdf
- Stahel, Walter R. (2016) a Shift in Focus; in: METAMORPHOSIS, Newsletter n° 81, European Environmental Bureau Vienna, Sept 2016, p. 11-2.
- Stahel, Walter R. (2016) From Sustainability Talk to Policy Walk – stepping up EU action on Climate, Biodiversity and Circular Economy; in: EUropainfo 3/16, European Environmental Bureau Vienna, pp. 23-4.
- Interview with Walter R. Stahel: a New Policy Impetus for a Circular Economy in Europe, in: *Convenant 2022*, RMC, *Convenant Circular Economy 2022*, 15 Aug 2016, http://covenant2022.eu/?page_id=559
- Stahel, Walter R. (2016) Préface; en: Vincent Aurez, Laurent Georgeault, *Economie circulaire, Système économique et finitude des ressources*, éditions De Boeck, 384 pages. P. 11-16. 29 €.
- Stahel, Walter R. (2016) contributeur à: Bourg, Dominique et Papaux, Alain, *Dictionnaire de la pensée écologique*, Presses universitaires de France. *en ligne sur Puf.com*
- L'anello virtuoso dell'economia anti-spreco. Parla Walter Stahel, pioniere della sostenibilità: "E la circolarità a produrre ricchezza". In: *Avvenire*, 23 ottobre 2016. p. 6.

PUBLICATIONS 2015

- European Commission (2015) The Junction of Health, Environment and Bioeconomy; foresight and implications for European Research & Innovation Policies. Report by an expert group chaired by Walter R. Stahel, rapporteur Ozcan Saritas. DG for Research and Innovation, Brussels, Foresight Programme. ISBN 978-92-79-44579-8. <https://ec.europa.eu/research/foresight>.
- Stahel, Walter R. (2015) The virtuous circle? Sustainable Economics and Taxation in a Time of Austerity; in: *Chemistry and Advanced Materials—Industry Vision 2015*; pp 16-20. World Economic Forum, Davos-Klosters, 21-24 January 2015.
- Stahel, Walter R. From Consumer to User; in: Webster, Ken (2015) *The Circular Economy – a Wealth of Flows*; Ellen MacArthur Foundation Publishing, Cowes, pp. 86–103.
- Stahel, Walter R. Sustainable Taxation; in: *The Sustainable Shift, beyond the buzzwords – a matter of survival*, *Journal for a Progressive Economy*, 05 – May 2015. pp. 22-23. 55 p. Other contributors: Anderson, Agren, Braungart, Dixon-Declève, Fabius, Marshall, McKibben, Peretti, Pueyo, Timmermanns, van Brempt, Vella, Wilson. www.progressiveeconomy.eu
- Stahel, Walter (2015) *Economie circulaire et lutte contre le dérèglement climatique*; dans: *l'économie circulaire, une trajectoire clé pour la lutte contre le dérèglement climatique*. Institut de l'économie circulaire et EY, Paris, 14 septembre 2015.
- Stahel, Walter R. (2015) Déjeuner débat; dans: actes, 2es rencontres parlementaires pour l'économie circulaire – l'économie circulaire, moteur de la transition écologique? 12 novembre 2014, maison de la chimie, Paris.
- Stahel, Walter R. (2015) A termék-élettartam tényező, in: *Ipari Ökológia*, 2015. Ősz, 3. Évfolyam, 1. szám. http://www.ipariokologia.hu/lpOk2015_1.pdf
Hungarian translation of the Product-Life Factor, 1982.
- Die Wirtschaft läuft im Kreis, ein Interview mit Walter R. Stahel; in: *Presse am Sonntag*, Wien, 12. April 2015, pp. 18-19 ECO.
- Stahel, Walter R. (2015) Préface: réparer nos objets et notre mental; en: Willemin, Lucien, Fonce Alphonse! *croissance, décroissance : sortons de l'impasse*, éditions G d'Encre, Le Locle.

PUBLICATIONS 2014

- Stahel, Walter R. (2014) Zero Waste has been ineffective in the West, even if it has had limited success in Asia; in: *Europe's World*, summer 2014, # 27, € 12. pp. 58-60, ISSN 1782-0642. 128 p.
- Stahel, Walter R. (2014) Wiederverwendung ist der Schlüssel zur Kreislaufwirtschaft; Interviews mit Experten. 10/09/2014, Europäische Kommission, Aktionsplan für öko-Innovationen. In English http://ec.europa.eu/environment/ecoap/about-eco-innovation/experts-interviews/reuse-is-the-key-to-the-circular-economy_en.htm. Also in espanol_es, français_fr, italiano_it, german-de.

KEY PUBLICATIONS before 2014

Stahel was Editor of the Risk Management Newsletter of the Geneva Association 1986 - 2014 (available on <http://genevaassociation.org>); member of the editorial board of the Journal of Industrial Ecology, Yale/USA (MIT Press), of the 'International Journal for Disaster Prevention and Management', Bradford/UK, the Int'l Journal of Performability Engineering, India, the 'Müllmagazin' Berlin.

Key publications **in English** include:

- The Performance Economy, Palgrave MacMillan, London, second edition (2010);
- 'Managing Risk and Sustainability'; in: Feiler, Karin (ed.) Sustainable Wealth, a report to the Club of Rome, Kluwer Academic Publishers, Dordrecht, 2004;
- 'The Functional Society: the Service Economy'; in: Bourg, Dominique and Erkman, Suren (eds.) Perspectives On Industrial Ecology, with a Foreword by Jacques Chirac, President of France; Greenleaf Publishing, 384pp, ISBN 1874719462. p. 264-282, 2003;
- 'Metals in Product Design'; in: von Gleich A. et al (ed.) Sustainable Metals Management, Kluwer Academic Publishers Dordrecht, 2003;
- From 'Design for Environment' to 'Designing Sustainable Solutions'; in: Tolba, M.K. (ed.) Our Fragile World: Challenges and opportunities for sustainable development. Forerunner to the Encyclopedia of Life Support Systems. UNESCO and EOLSS Editors, Cambridge UK. P. 1553-1568, 2001;
- Incentives for loss prevention instead of disaster management by the state in the case of catastrophic risks; book chapter in: Coles, E.L., Smith, D. Tombs S. (ed.) "Risk Management and Society", Kluwer Academic Publishers, Dordrecht, p. 81-100, ISBN 0-7923-6899-1, 2001;
- The Limits to Certainty, facing risks in the new Service Economy, Kluwer Academic Publishers, Dordrecht, Boston, London; ISBN 0-7923-2167-7, 2nd revised edition 1992, co-author Orio Giarini, preface by Ilya Prigogine.
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7 NOMINATIONS

Stahel has been a member of the Verbraucherkommission (Consumer Commission) Baden-Württemberg, Stuttgart, Germany, since 2005, nominated by Ministerpräsident Oettinger.

Since 2014, Stahel has been elected as a member of the

- Stahel served as a member of European Circular Economy Stakeholder Platform, Parliament et Commission Européen, Bruxelles.
- Comité d'experts de l'Observatoire de l'Obsolescence Programmée de l'association Halte à l'Obsolescence Programmée (HOP), Paris.
- Scientific Advisory Board of Institute CRETUS *Universidade de Santiago de Compostela*.
- CRESTING Advisory Board, University of Hull, -
- the jury of the DuPont Safety Awards, 2011 - 2014,
- the Editorial Board of the Chinese Journal of Population, Resources and Environment, since 2008,
- the Advisory Board for Earth Care in Santa Fee, NM;
- l'Institut Fredrik R. Bull in Les-Clayes-sous-Bois near Paris' (toujours membre honoraire).

Stahel was a member of

- the Environmental Council of the German Railways, Berlin 1996-2000;
- the Jury of the Sustainable Growth Awards 1996, 1998 and 1999 of DuPont de Nemours, Wilmington, DE, USA;
- the Eco-Dream-Team of Ray Anderson, CEO of Interface Inc, Atlanta GA;
- the Strategic Audit to promote research into a sustainable economy, BMBF 2003;
- the 'Work and Environment Initiative' of the School of Industrial and Labour Relations, Cornell University, Ithaca, N.Y., USA;

- the executive committee of SRA-E, the European chapter of the world society for risk analysis (2003-2005).

JURY WORK

Stahel participated as a juror in a number of Design and Solution Competitions:

- 1991, Design Center Stuttgart, Jury of 'Design-Auswahl';
 - 1993, 1994 und 1995 Jury of the Austrian 'Staatspreis für Design';
 - 1994, 1996, 1998 and 2000/2001: Jury of the Austrian 'Eco-Design-Prize';
 - 1996 - 97, Jury of the Design-Prize Baden-Württemberg,
 - 2001, R.I.O. Innovationspreis der Aachener Stiftung Kathy Beys,
 - 2001 - 2006, Waste Prevention Competition of the Town of Vienna, Austria,
- and was a juror on a number of international risk management awards.

8 CONFERENCES AND WORKSHOPS

Stahel usually gives about fifty conferences and workshops per annum in Europe, North America and Asia, in English, German and French, on the issues he researches and writes about.

A full list is available on request.

PERSONAL DETAILS

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