

- 1 USGS (2013). **Mineral Commodity Summaries January 2013 - Rare Earths**. J. Gambogi, US Geological Survey. http://minerals.usgs.gov/minerals/pubs/commodity/rare_earths/mcs-2013-raree.pdf. 28.01.2014
- 2 European Commission (2011). **Critical raw materials for the EU**. Report of the Ad-hoc Working Group on defining critical raw materials. Brussels. http://ec.europa.eu/enterprise/policies/raw-materials/files/docs/report-b_en.pdf.
- 3 Graedel, T.E., et al. (2011). **Methodology of metal criticality determination**. Environmental Science & Technology 46 (2): 1063-1070. <http://pubs.acs.org/doi/abs/10.1021/es203534z>. 28.01.2014.
- 4 Stähli, B., M. Brechbühler Pešková, and C. Seyler (2012). **Ist die Knappheit ein Problem für die Schweizer Industrie?** Volkswirtschaft-Magazin für die Wirtschaftspolitik 85 (12): 39. <http://www.seco.admin.ch/dokumentation/publikation/01353/02324/05038/index.html?lang=de>.
- 5 Long, K.R., et al. (2010). **The principal rare earth elements deposits of the United States: A summary of domestic deposits and a global perspective**. USGS. Reston, VA, U.S. Geological Survey USGS. <http://pubs.usgs.gov/sir/2010/5220/>. 29.01.2014.
- 6 Du, X. and T.E. Graedel (2013). **Uncovering the end uses of the rare earth elements**. Science of The Total Environment 461–462 (0): 781-784. <http://www.sciencedirect.com/science/article/pii/S0048969713003896>. 28.01.2014.
- 7 USGS (2011). **China's rare-earth industry**. U.S. Geological Survey Open-File Report 2011–1042. P.-K. Tse. Reston, Va, U.S. Dept. of the Interior, U.S. Geological Survey. <http://pubs.usgs.gov/of/2011/1042/>.
- 8 Kingsnorth, D. (2013). **“Can China's Rare Earths Dynasty Survive?”** September 2013 Extract. Rare Earths - China Industrial Minerals and Markets Conference, Shanghai. <http://investorintel.com/wp-content/uploads/2013/09/DJK-China-IM-Sept-2013-V3.pptx>. 21.11.2013.
- 9 Kingsnorth, D. (2013). **Rare Earths: Is Supply Critical in 2013?** AusIMM 2013 Critical Minerals Conference, Perth, Western Australia. <http://investorintel.com/wp-content/uploads/2013/08/Aus-IMM-CMC-2013-DJK-Final-InvestorIntel.pdf>. 21.11.2013.
- 10 USGS (2011). **Mineral Commodity Summaries January 2011 - Rare Earths**. D.J. Cordier, US Geological Survey. http://minerals.usgs.gov/minerals/pubs/commodity/rare_earths/mcs-2011-raree.pdf. 16.10.2013.
- 11 Zepf, V. (2013). **Rare Earth Elements: What and Where They Are**. Rare Earth Elements. 2013: Springer Berlin Heidelberg. 11-39. http://dx.doi.org/10.1007/978-3-642-35458-8_2. 28.01.2014.
- 12 Binnemans, K., et al. (2013). **Rare-Earth Economics: The Balance Problem**. JOM: 1-3. http://kuleuven.rare3.eu/papers/binnemans_jom_2013.pdf. 28.01.2014.
- 13 Du, X. and T.E. Graedel (2011). **Uncovering the Global Life Cycles of the Rare Earth Elements**. Scientific Reports 1. <http://dx.doi.org/10.1038/srep00145>. 29.08.2012.
- 14 Du, X. and T.E. Graedel (2011). **Global in-use stocks of the rare earth elements: A first estimate**. Environmental Science & Technology 45 (9): 4096-4101. <http://pubs.acs.org/doi/abs/10.1021/es102836s>. 28.01.2014.
- 15 Eidgenössische Zollverwaltung EZV (2013). **2846 - Verbindungen, anorganisch oder organisch, der Seltenerdmetalle, des Yttriums oder des Scandiums oder der Mischungen dieser Metalle**. Aussenhandelsstatistik der Schweiz: Aussenhandel der Schweiz nach Waren. Bern, Eidgenössische Zollverwaltung. <https://www.swiss-impex.admin.ch/>. 22.01.2014.
- 16 BFS Statistik der Schweiz (2013). **„Ständige Wohnbevölkerung“**. Statistik der Bevölkerung und der Haushalte (STATPOP). [Web] <http://www.bfs.admin.ch/bfs/portal/de/index/news/02/03/01/01.html>. 24.01.2014.
- 17 Rudnick, R.L. and S. Gao (2005). **Composition of the continental crust**, in The Crust, H.D. Holland and K.K. Turekian, Editors. Elsevier: Amsterdam; Boston. p. 1-64. <http://www.sciencedirect.com/science/article/pii/B0080437516030164>. 19.08.2012.
- 18 Haxel, G., J.B. Hedrick, and G.J. Orris (2002). **Rare earth elements: Critical resources for high technology**. USGS, US Dept. of the Interior, US Geological Survey. <http://pubs.usgs.gov/fs/2002/fs087-02/fs087-02.pdf>. 28.01.2014.
- 19 Brugger, J., et al. (1998). **Scheelite-powellite and paraniite-(Y) from the Fe-Mn deposit at Faniel, Eastern Swiss Alps**. American Mineralogist 83: 1100-1110.
- 20 Brugger, J. and R. Gieré (1999). **As, Sb, Be and Ce enrichment in minerals from a metamorphosed Fe-Mn deposit, Val Ferrera, eastern Swiss Alps**. The Canadian Mineralogist 37: 5.
- 21 Brugger, J. and R. Gieré (2000). **Origin and distribution of some trace elements in metamorphosed Fe-Mn deposits, Val Ferrera, Eastern Swiss Alps**. Canadian Mineralogist 38 (5): 1075-1101.
- 22 Castor, S.B. (2008). **The Mountain Pass Rare-Earth Carbonatite and associated ultrapotassic rocks, California**. The Canadian Mineralogist 46 (4): 779-806. <http://www.canmin.org/content/46/4/779.abstract>.
- 23 Morf, L.S., et al. (2012). **Precious metals and rare earth elements in municipal solid waste—Sources and fate in a Swiss incineration plant**. Waste Management. <http://www.sciencedirect.com/science/article/pii/S0956053X12004229>. 28.01.2014.
- 24 Pol, A., et al. (2014). **Rare earth metals are essential for methanotrophic life in volcanic mudpots**. Environmental Microbiology 16 (1): 255-264. <http://dx.doi.org/10.1111/1462-2920.12249>. 24.01.2014.
- 25 Kothe, E. and A. Varma (2012). **Bio-geo interactions in metal-contaminated soils**. Vol. 31. 2012: Springer.
- 26 Kulaksız, S. and M. Bau (2013). **Anthropogenic dissolved and colloid/nanoparticle-bound samarium, lanthanum and gadolinium in the Rhine River**. Earth and Planetary Science Letters 362 (0): 43-50. <http://www.sciencedirect.com/science/article/pii/S0012821X12006516>. 24.01.2014.
- 27 Wang, K., et al. (1999). **Lanthanides—the future drugs?** Coordination Chemistry Reviews 190–192 (0): 297-308. <http://www.sciencedirect.com/science/article/pii/S0010854599000727>.
- 28 Paul, J. and G. Campbell (2011). **Investigating rare earth element mine development in EPA region 8 and potential environmental impacts**, U.S. EPA. http://www.miningwatch.ca/sites/www.miningwatch.ca/files/epa_report_rareearthelements1.pdf. 29.01.2014.
- 29 de Boer, M.A. and K. Lammertsma (2013). **Scarcity of Rare Earth Elements**. ChemSusChem 6 (11): 2045-2055. <http://dx.doi.org/10.1002/cssc.201200794>.
- 30 Moores, S. and J. Elliott (2012). **West relies on significant illegal rare earths exports**. in Industrial Minerals volume, 21th Edition, J.E. Kogel, N.C. Trivedi, and J.M. Barker, Editors., Society for Mining, Metallurgy, and Exploration: Littleton, Colorado. p. 14. <http://www.indmin.com/Article/3015619/Issue/85329/West-relies-on-significant-illegal-rare-earths-exports.html?ArticleId=3015619&eventlogin=Login&login=1&actionname=login&eid=E017>. 14.01.2014.
- 31 The People's Republic of China (2012).

- Situation and policies of China's rare earth industry.** Beijing, The People's Republic of Chin. <http://www.miit.gov.cn/n11293472/n11293832/n12771663/n14676956.files/n14675980.pdf>. 28.08.2012.
- 32 Liu, J. and J. Bongaerts (2014). **Mine Planning and Equipment Selection Supply Chain of Rare Earth Elements (REEs)**, in Mine Planning and Equipment Selection, C. Drebenstedt and R. Singhal, Editors. Springer International Publishing, p. 1419-1426. http://dx.doi.org/10.1007/978-3-319-02678-7_136. 24.01.2014.
- 33 Werner, F. (2013). **Urban mining als Teil einer umfassenden Rohstoffstrategie: Ökobilanzielle Begleitung der Potenzialstudie des AWEL**. Planung der Abfall- & Ressourcenwirtschaft, AWEL. Kanton Zürich. 79 pp.
- 34 U.S. EPA (2012). **Rare Earth Elements: A review of production, processing, recycling, and associated environmental issues**. U.S. E.P.A. Washington D.C. <http://nepis.epa.gov/Adobe/PDF/P100EUBC.pdf>. 15.01.2014.
- 35 Jordens, A., Y.P. Cheng, and K.E. Waters (2013). **A review of the beneficiation of rare earth element bearing minerals**. Minerals Engineering 41 (0): 97-114. <http://www.sciencedirect.com/science/article/pii/S0892687512003597>. 28.01.2014.
- 36 Schüler, D., et al. (2011). **Study on rare earths and their recycling**. EU EFA Group, Freiburg: Öko-Institut. <http://www.oeko.de/oekodoc/1112/2011-003-en.pdf>. 29.08.2012
- 37 Binnemans, K., et al. (2013). **Recycling of rare earths: a critical review**. Journal of Cleaner Production 51 (0): 1-22. <http://www.sciencedirect.com/science/article/pii/S0959652612006932>.
- 38 Tanaka, M., et al. (2012). **Recycling of Rare Earths from Scrap**. Handbook on the Physics and Chemistry of Rare Earths: Including Actinides 43: 159. <http://www.sciencedirect.com/science/article/pii/B9780444595362000027>. 28.01.2014.
- 39 Goonan, T.G. (2011). **Rare earth elements: End use and recyclability**, ed. USGS. 2011: US Dept. of the Interior, US Geological Survey. <http://pubs.usgs.gov/sir/2011/5094/>. 28.01.2014.
- 40 Binnemans, K., et al. (2013). **Recovery of rare earths from industrial waste residues: a concise review**. Proceedings of the 3rd International Slag Valorisation Symposium. http://kuleuven.rare3.eu/papers/SVSIll_Binnemans_2013.pdf. 28.01.2014.
- 41 Vander Hoogerstraete, T., et al. (2013). **Removal of transition metals from rare earths by solvent extraction with an undiluted phosphonium ionic liquid**. Green Chemistry 15 (4): 919-927. <http://dx.doi.org/10.1039/C3GC40198G>.
- 42 Umicore (2011). **Umicore and Rhodia develop unique rare earth recycling process for rechargeable batteries**. Press Release. Umicore. Brussels. http://www.umicore.com/investorrelations/en/newsPublications/presReleases/2011/show_REErecyclingEN.pdf. 06.12.2011.
- 43 Rhodia. (2012). **„The new Rare Earths urban mine - Rhodia starts an industrial unit for Rare Earths recycling from used low consumption lamps“**. 11th International Electronic Recycling Congress. Rhodia Rare Earth Systems, Presentation by Nicolas Barthel [Web].
- 44 Yang, F., et al. (2013). **Selective extraction and recovery of rare earth metals from phosphor powders in waste fluorescent lamps using an ionic liquid system**. Journal of hazardous materials. <http://www.sciencedirect.com/science/article/pii/S0304389413002021>. 28.01.2014.
- 45 Bleiwas, D.I. (2013). **Potential for Recovery of Cerium Contained in Automotive Catalytic Converters**, US Geological Survey USGS. Open-File Report 2013-1037 <http://pubs.usgs.gov/of/2013/1037/OFR2013-1037.pdf>.
- 46 The Gold Report. (2014). **„A Radical Solution for the Rare Earth Supply Crunch: Jack Lifton Interview with Alec Gimurtu of The Metals Report“**. 7.9.2013 [Web] <http://www.theareport.com/pub/na/a-radical-solution-for-the-rare-earth-supply-crunch-jack-lifton>. 24.01.2014.
- 47 Lynas Corp. (2013). **Lynas Investor Presentation 1. August 2013**. Sydney, Australia, Lynas Corporation LTD. http://www.lynascorp.com/Presentations/2013/InvestorPresentationAugust2013_final1242537.pdf. 24.01.2014.
- 48 Hatch, G.P. (2013, 28.02.2013). **„Recent Dynamics in the Global CRITICAL Rare-Earths Market and the Regionalization/Globalization of the Metals Markets“**. TMR Technology Metals Research [Web] http://asmic.akademisains.gov.my/download/kuantan/Jack_Lifton_Kuantan_Malaysia_Feb_28_2013.pdf. 21.11.2013.
- 49 Binnemans, K., et al. (2013). **Recycling of Rare Earths: a Critical Review**. Journal of Cleaner Production. <http://www.sciencedirect.com/science/article/pii/S0959652612006932>. 28.01.2014.
- 50 Darcy, J.W., et al. (2013). **Challenges in Recycling End-of-Life Rare Earth Magnets**. JOM: the Journal of the Minerals, Metals and Materials Society. <http://link.springer.com/article/10.1007%2Fs11837-013-0783-0>. 28.01.2014.
- 51 Rademaker, J.H., R. Kleijn, and Y. Yang (2013). **Recycling as a Strategy against Rare Earth Element Criticality**. Environmental Science & Technology 47 (18): 10129-10136. <http://dx.doi.org/10.1021/es305007w>. 26.01.2014.
- 52 SWISSMEM (2011). **Kritische Rohstoffe aus Sicht der Schweizer Industrie**, in Praktischer Umweltschutz Schweiz (PUSCH), J.-P. Kohl. p. 4. <http://www.umweltschutz.ch>. 29.11.2011.
- 53 Arafura Resources Limited. (2014). **„Prices for rare earth products, 2013-14 Pricing (US\$/kg), Metal Pages final reported month end prices“**. [Web] <http://www.arafuraresources.com.au/rare-earths/pricing>. 24.01.2014.
- 54 EAWAG (2013). **Ökotoxizität von Seltenen Erden**. Infoblatt zu Seltenen Erden. C. Casado-Martinez. Dübendorf, Oekotoxzentrum der Eawag/EPFL 2pp. <http://www.oekotoxzentrum.ch/dokumentation/info/doc/selteneerden.pdf>. 16.10.2013.
- 55 Sneller, F., et al. (2000). **Maximum permissible concentrations and negligible concentrations for rare earth elements (REEs)**. Environment. Bilthoven, The Netherlands. <http://www.rivm.nl/bibliotheek/rapporten/601501011.pdf>. 15.01.2014.
- 56 Wells, W.H. and V.L. Wells (2012). **The lanthanides, rare earth elements**. in Patty's Toxicology, published online: 27.01.2012, John Wiley & Sons, Inc. 09.09.2012.
- 57 Biggs, S. (2011) **„Rare Earths Leave Toxic Trail to Toyota Prius, Vestas Turbines.“** Bloomberg News of 06.01.2011. von <http://www.bloomberg.com/news/2011-01-05/china-rare-earths-leave-toxic-trail-to-toyota-prius-vestas-wind-turbines.html>. 08.09.2012.
- 58 Phua, K.L. and S.S. Velu (2012). **Lynas Corporation's Rare Earth Extraction Plant in Gebeng, Malaysia: A Case Report on the Ongoing Saga of People Power**. Journal of Environmental Engineering and Ecological Science 1 (1). <http://www.hoajonline.com/jeees/2050-1323/1/2>. 24.01.2014.
- 59 Hookway, J. (2013) **„Mining Firm, Ex-Teacher Battle Over Rare Earths“** The Australian of 19.02.2013. von <http://online.wsj.com/news/articles/SB10001424127887323764804578310070165067986>. 24.01.2014.
- 60 Krook, J. and L. Baas (2013). **Getting serious about mining the technosphere**. Journal of Cleaner Production 55 (0): 1-9. <http://www.sciencedirect.com/science/article/pii/S0959652613002916>. 29.01.2014.