



FORAM

TOWARDS A WORLD FORUM
ON RAW MATERIALS

Directory of Databases Raw Materials

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Directory of Databases

Name*	Description*	Raw material*	Type of data*	Database URL*
Agribalyse	AGRIBALYSE v1.3 is a French agricultural database for background LCIs, food LCA and benchmarking in the food sector. It comprises the most common French agricultural products and a few imported ones, with production data from 2005 to 2009.	Products	database	http://www.ademe.fr/en/expertise/alternative-approaches-to-production/agribalyse-program
AGS	Albanian Geological Survey is a government organization, which perform its activity in field of geosciences, according to law 111/2015, that define the role of AGS, as scientific and technical adviser of Albanian government in this field of expertise.	Primary raw materials	directory	http://www.gsa.gov.al/en/home/Maps.html
Auscope	The national provider of integrated research infrastructure to realise the collective potential of Australian Earth and Geospatial Science researchers.	Primary raw materials	map viewer	http://portal.auscope.org/portal/gmap.html
BGR - Monitor	The Federal Institute for Geosciences and Natural Resources is the central geoscientific authority providing advice to the German Federal Government in all geo-relevant questions.	Primary raw materials	directory	https://www.bgr.bund.de/DE/TheMen/Min_rohstoffe/min_rohstoffe_node.html
BGR - Viewer	The Federal Institute for Geosciences and Natural Resources is the central geoscientific authority providing advice to the German Federal Government in all geo-relevant questions.	Primary raw materials	map viewer	https://geoviewer.bgr.de/mapapps/resources/apps/geoviewer/index.html?lang=de
BGR/DERA - ROSYS	Raw materials information system of the Federal Institute for Geosciences and Natural Resources, Germany	Primary raw materials	map viewer	https://rosys.dera.bgr.de/mapapps/resources/apps/rosys/index.html?lang=de
BGS - Data	The British Geological Survey (BGS) and its predecessor organisations have compiled production and trade statistics on a wide range of mineral commodities since 1913. As part of our ongoing work to make these data more accessible we have created an online tool which allows users to extract the data in Microsoft Excel format.	Primary raw materials	database	http://www.bgs.ac.uk/mineralsuk/statistics/wms.cfc?method=searchWMS
BGS - Profiles	The mineral profile series presents essential background information on individual mineral commodities for the non-specialist user. They are not intended to be highly technical but contain sufficient detail to enable the reader to gain a broad understanding of the particular mineral described.	Primary and secondary raw materials	reports	http://www.bgs.ac.uk/mineralsuk/statistics/mineralProfiles.html

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bioenergie dat	supply chains for bioenergy options, with a specific German background. Altogether about 180 data sets have been created, for provision and conversion of the following bioenergy fuels: wood and wastewood, wheat, biowaste	all	database	http://www.bioenergie-dat.de/daten.html
Blue Nodules	Blue Nodules is a research and innovation project to develop New highly-automated and technologically sustainable deep sea mining system for the harvesting of polymetallic nodules from the sea floor with minimum environmental impact.	Primary raw materials	reports	http://www.blue-nodules.eu/downloads/
CGS	The task of the Czech Geological Survey, established in 1919, is to provide the state geological service for the Czech Republic. It has the statutory responsibility to gather, store and interpret geological information so that the state administration can take appropriate decisions about national economic and environmental issues. It provides the results of systematic regional geological mapping and investigation to all interested persons.	Primary and secondary raw materials	map viewer	http://www.geology.cz/extranet-eng/maps/online/wms
CHPM2030	Combined Heat, Power and Metal extraction from ultradeep ore bodies: Mineral extraction from the geothermal fluid will decrease the import dependency of Europe and justify the economics of deep geothermal or EGS systems.	Primary raw materials	reports	http://www.chpm2030.eu/outreach/
CloseWEEE	The main goal of CloseWEEE is to increase the range and yields of recovered materials from waste electrical and electronic equipment streams through various research activities.	Secondary raw materials	no data provided at the moment	http://closeweee.eu/project-documents/
CPRM	Database through map viewers for outcrops, geochemistry, petrography, mineral resources etc.	Primary raw materials	map viewer	http://geosgb.cprm.gov.br/
CRM Innonet	Critical Raw Materials Innovation Network: FP7 project on substitution of critical raw materials ended June 2015	Primary and secondary raw materials	reports	http://www.criticalrawmaterials.eu/documents/
CWIT/LibraWEEE	Countering WEEE Illegal Trade	Secondary raw materials	database	http://www.cwitproject.eu/reports-downloads/database-ewaste-stakeholders/
Data Tools, Apps, and Maps	Information and databases on various resources and infrastructure	all	map viewer, database	https://www.eia.gov/tools/
DataBank	DataBank is an analysis and visualisation tool that contains collections of time series data on a variety of topics. You can create your own queries; generate tables, charts, and maps; and easily save, embed, and share them.	all	database	http://databank.worldbank.org/data/home.aspx

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ECHA	The European Chemicals Agency (ECHA) is the driving force among regulatory authorities in implementing the EU's groundbreaking chemicals legislation for the benefit of human health and the environment as well as for innovation and competitiveness.	Primary raw materials, Products	reports	https://echa.europa.eu/information-on-chemicals
ecoinvent	ecoinvent is one of the world leading life cycle inventory database	all	database	http://www.ecoinvent.org
Ecolex	ECOLEX is an information service on environmental law. Its purpose is to build capacity worldwide by providing the most comprehensive possible global source of information on environmental law.	Primary and secondary raw materials	database	https://www.ecolex.org/result/?q=&type=legislation&xsubjects=Mineral+resources&xdate_min=&xdate_max=&leg_type_of_document=Legislation&leg_type_of_document=Regulation
EGDI	EGDI is EuroGeoSurveys' European Geological Data Infrastructure. It provides access to Pan-European and national geological datasets and services from the Geological Survey Organizations of Europe.	Primary raw materials	map viewer, database	http://www.europe-geology.eu/map-viewer/
EITI	The Extractive Industries Transparency Initiative is the global standard for the good governance of oil, gas and mineral resources.	all	database, reports	https://eiti.org/data
ELCD	European Life Cycle Database comprises Life Cycle Inventory (LCI) data from front-running EU-level business associations and other sources for key materials, energy carriers, transport, and waste management.	all	database	http://eplca.jrc.ec.europa.eu/ELCD3/
EMODnet	The European Marine Observation and Data Network (EMODnet) consists of more than 160 organisations assembling marine data, products and metadata to make these fragmented resources more available to public and private users relying on quality-assured, standardised and harmonised marine data which are interoperable and free of restrictions on use. EMODnet is currently in its second development phase with the target to be fully deployed by 2020.	Primary raw materials	map viewer	http://www.emodnet-geology.eu/map-viewer/
Enviree	Environmentally friendly and efficient methods for extraction of rare earth elements (REE) from secondary sources	Secondary raw materials	reports	http://www.enviree.eu/publications/
Environmental Data Centre on Waste	Statistical data on Waste (and recycling)	Secondary raw materials	statistical database	http://ec.europa.eu/eurostat/web/waste/overview
environmental justice atlas	documents and catalogues on social conflict around environmental issues	Primary raw materials	map viewer	https://ejatlas.org/

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EORA	The Eora multi-region IO database provides a time series of high resolution IO tables with matching environmental and social satellite accounts for 187 countries. Full list, high-resolution heterogeneous classification, or 25-sector harmonized classification, raw data drawn from the UN's System of National Accounts and COMTRADE databases, Eurostat, IDE/JETRO, and numerous national agencies, distinction between basic prices and purchasers' prices through 5 mark-ups, and reliability statistics (estimates of standard deviation) for all results.	all	database	http://worldmrio.com/
ESMA	The European Securities and Markets Authority (ESMA) provides market size calculations for MiFID II ancillary test	not applicable	database, reports	https://www.esma.europa.eu/databases-library/esma-library
EU-OSHA	EU-OSHA is the European Union information agency for occupational safety and health.	not applicable	reports	https://osha.europa.eu/en/survey-s-and-statistics-osh/european-opinion-polls-safety-and-health-work
EURARE	The main goal of the EURARE project is to set the basis for the development of a European Rare Earth Element (REE) industry. It will safeguard the uninterrupted supply of REE raw materials and products crucial for sectors of the EU economy (including automotive, electronics, machinery and chemicals) in a sustainable, economically viable and environmentally friendly way.	Primary raw materials	map viewer, database	http://eurare.brgm-rec.fr/
EURMKB	The European Raw Materials Knowledge Base - Knowledge Base Architecture: A one-stop-shop for all information on raw materials in the EU	Primary and secondary raw materials	directory	https://ec.europa.eu/growth/sectors/raw-materials/specific-interest/knowledge-base_en
EuroGeoSource	EuroGeoSource is a data portal, which allows access by Internet to the aggregated geographical information on geo-energy (oil, gas, coal etc.) and mineral resources (metallic and non-metallic minerals, industrial minerals and construction materials: gravel, sand, ornamental stone etc.), coming from a wide range of sources in a significant coverage area of Europe (ten countries).	Primary raw materials	map viewer	http://maps.eurogeosource.eu/
Euromines	European Association of Mining Industries, Metal Ores & Industrial Minerals	Primary raw materials	database, reports	http://www.euromines.org/mining-europe
EUROSTAT	Eurostat is the statistical office of the European Union situated in Luxembourg. Its mission is to provide high quality statistics for Europe.	all	statistical database	http://ec.europa.eu/eurostat/data/database
Eurostat Manufactured goods	Contains Prodcom statistics on production of manufactured goods together with related external trade data. Production statistics on Mining of metal ores, Other mining and quarrying, Mining support service activities, Manufacture of basic metals, Manufacture of other non-metallic mineral products	Primary raw materials, Products	statistical database	http://ec.europa.eu/eurostat/web/prodcom/data/database

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Exiobase	Exiobase is a global, detailed Multi-regional Environmentally Extended Supply and Use / Input Output (MR EE SUT/IOT) database. The international input-output table that can be used for the analysis of the environmental impacts associated with the final consumption of product groups.	all	database	http://www.exiobase.eu/index.php/about-exiobase
GaBi	This software is the next generation product sustainability solution with a powerful Life Cycle Assessment engine	all	software	http://www.gabi-software.com/international/overview/what-is-gabi-software/
GBA	The Geological Survey of Austria collects and interprets geoscientific information in Austria, lays the foundation for the sustainable use of the geogenic potential and provides them to the public in a systematic manner.	Primary raw materials	map viewer	http://gisgba.geologie.ac.at/gbaviewer/?url=https://gis.geologie.ac.at/geoserver/mr_lagerst/wms?
GEMIS	The Global Emissions Model for integrated Systems (GEMIS) is a public domain for life-cycle and material flow analysis model and database	all	software	http://iinas.org/gemis.html
GSI	The GEOLOGICAL SURVEY OF IRELAND (GSI), founded in 1845, is the National Earth Science Agency. It is responsible for providing geological advice and information, and for the acquisition of data for this purpose. GSI produces a range of products including maps, reports and databases and acts as a knowledge centre and project partner in all aspects of Irish geology.	Primary raw materials	map viewer, database	http://dcnr.maps.arcgis.com/apps/MapSeries/index.html?appid=a30af518e87a4c0ab2fbde2aaac3c228
GTAP	Global Trade Analysis Project	all	database	https://www.gtap.agecon.purdue.edu/databases/default.asp
GTK	GTK's business based operations focus on expert services related to exploration of natural resources, land use and environmental sectors and laboratory and support functions. Our services support the competitiveness of business, provide public administration with background information and supplement the service range in the sector.	Primary raw materials	map viewer	http://gtkdata.gtk.fi/mdae/index.html
ICSG	International Copper Study Group	Primary raw materials	database	http://www.icsg.org/index.php/external-database
IFC	International Finance Corporation	all	reports	www.ifc.org/ehsguidelines
IGF	Intergovernmental Forum on Mining, Minerals, Metals and Sustainable Development	Primary raw materials	reports	http://igfmining.org/resources/
IISD	International Institute for Sustainable Development	Primary raw materials	reports	http://www.iisd.org/topic/mining
INTMET	Integrated innovative metallurgical system to benefit efficiently polymetallic, complex and low grade ores and concentrates	Primary raw materials	no data provided at the moment	http://www.intmet.eu/downloads/

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INTRAW	H2020 project to foster international cooperation on raw materials. INTRAW has been set up to map and develop new cooperation opportunities related to raw materials between the EU and other technologically advanced countries, such as Australia, Canada, Japan, South Africa and the United States.	Primary and secondary raw materials	reports	http://intraw.eu/publications/
InvestmentMine	InfoMine provides focused, in-depth information and functionality encompassing most aspects of mining and mineral exploration activities worldwide.	Primary raw materials	database	http://www.infomine.com/investment/metal-prices/
IRP	UNEP International Resource Panel	all	reports	http://www.resourcepanel.org/reports
ISWA	International Solid Waste Association	Secondary raw materials	reports	http://www.iswa.org/media/publications/knowledge-base/
LC Inventories	The direct environmental impacts (emissions and resource uses), the amount of semi-finished products, auxiliary materials and energy of the processes involved in the life cycle are determined and inventoried in the Inventory Analysis. The Inventory Analysis provides the basis for the Impact Assessment. Applying current valuation methods, e.g. eco-indicator, ecological scarcity or CML, to the inventory results in indicator values that are used and referred to in the interpretation	all	database	http://esu-services.ch/data/public-lci-reports/
LCDN	Worldwide dataset from different providers on resource consumption and emissions for product supply chains, their use, and end-of-life waste management options. (includes developer tools)	all	database	http://eplca.jrc.ec.europa.eu/LCDN/
LGT	The Lithuanian Geological Survey was founded on October 16, 1940, though the necessity and preconditions for establishing a service of geological investigations had been formed earlier.	Primary raw materials	map viewer	https://www.lgt.lt/index.php?option=com_content&view=article&id=222&Itemid=619&lang=en
MATCH Database	National and European Projects dealing with materials	all	database	http://www.match-a4m.eu/index.php/match-web-db
Material Flows Net	This is an online portal for material flow data, providing access to data on the national level. The website is based on the worldwide unique comprehensive database on global resource extraction - WU Global Material Flows Database	Primary raw materials	map viewer, database	http://www.materialflows.net
MatWeb	Property database of 115,000 metals, plastics, ceramics, and composites.	all	database	http://www.matweb.com/search/CompositionSearch.aspx
MICA	The MICA project contributes to on-going efforts towards the establishment of a stakeholder tailored product, namely the "European Union Raw Materials Intelligence Capacity Platform" (EU-RMICP).	Primary and secondary raw materials	database	http://metadata.bgs.ac.uk/mica/srv/ger/catalog.search#/home

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MINATURA A2020	The overall objective of MINATURA2020 is to develop a concept and methodology for the definition and subsequent protection of “mineral deposits of public importance” in order to ensure their “best use” in the future in order to be included in a harmonised European regulatory/guidance/policy framework.	Primary raw materials	no data provided at the moment	http://minatura2020.eu/project-publications/
MINEA	Networking project COST action: MINEA – Mining the European Anthroposphere	Secondary raw materials	no data provided at the moment	http://www.minea-network.eu/
Minerals4 EU	The Minerals4EU project is designed to meet the recommendations of the Raw Materials Initiative and will develop an EU Mineral intelligence network structure delivering a web portal, a European Minerals Yearbook and foresight studies. The network will provide data, information and knowledge on mineral resources around Europe, based on an accepted business model, making a fundamental contribution to the European Innovation Partnership on Raw Materials (EIP RM), seen by the Competitiveness Council as key for the successful implementation of the major EU2020 policies.	Primary and secondary raw materials	map viewer	http://minerals4eu.brgm-rec.fr/
MIN-GUIDE	The MIN-GUIDE project addresses the need for a secure and sustainable supply of minerals in the European Union by developing a Minerals Policy Guide for the EU.	Primary and secondary raw materials	reports	http://min-guide.eu/project-results
MINLEX	Study- Legal framework for mineral extraction and permitting procedures for exploration and exploitation in the EU	Primary raw materials	database	http://minlex.minpol.com/
Minventory	The Minventory metadata portal is a directory of statistical data holders, the characteristics of the data they hold and – where possible – links to where the data may more easily be located. It covers the EU28 and a number of neighbouring countries. Material stocks are analysed and described not only by statistics. The portal provides links to other related initiatives and portals which cover these complementary aspects.	Primary and secondary raw materials	directory	https://ec.europa.eu/jrc/en/scientific-tool/minventory
MIT-Factors	is database on the material intensity (MIT) of different materials listed according to abiotic and biotic materials, water, air and earth movement	Primary raw materials, Products	reports	https://wupperinst.org/uploads/tx_wupperinst/MIT_2014.pdf
MSP REFRAM	Multi-Stakeholder Platform for a Secure Supply of Refractory Metals	Primary and secondary raw materials	reports	http://prometia.eu/deliverables/

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Multi-regional input-output (MRIO) data	An open access forum to multi-regional input-output (MRIO) data, focussing on environmental footprints. The environmental footprints explorer is primarily based on output from 5 multi-regional input-output models: EXIOBASE, WIOD, EORA, OECD, GTAP.	Products	map viewer, database	https://www.environmentalfootprints.org/explorer
Nanotechnology Databases from Nanowerk	Nanomaterial Database with thousands of nanoparticles (elements like critical ones), Nano Company & Labs directory with thousands of links to labs, associations, networks and companies.	all	database	http://www.nanowerk.com/nanotechnology_databases.php
National Pollutant Inventory	provides the community, industry and government with free information about substance emissions in Australia	all	map viewer, database	http://www.npi.gov.au/
NEEDS	Life cycle inventories of future electricity supply in Europe. It contains industrial LCI data on future transport services, electricity and material supply.	all	reports	http://www.needs-project.org/
NGU	NGU is the national institution for the study of bedrock, mineral resources, surficial deposits and groundwater. NGU actively contributes to the goal of using geological knowledge towards achieving an efficient and sustainable management of Norway's natural resources and its environment.	Primary raw materials	map viewer, database	http://www.ngu.no/en/topic/maps-and-data
OECD - ICIO	The OECD inter-country input-output (ICIO) table includes Trade in Value Added (TIVA) indicators, extensions of the ICIO regarding CO2 emissions from fuel combustion (based on IEA CO2 data), energy used for electricity production (based on IEA energy balances) and trade in employment are available.	not applicable	database	https://data.oecd.org/
OECD export restrictions	This Inventory contains information on export regulations in the raw materials sector, namely minerals, metals and wood. It records measures known to restrain export activity from 2009-2014 at the 6-digit level of HS2007 classification.	Primary and secondary raw materials	database	http://qdd.oecd.org/subject.aspx?Subject=ExportRestrictions_IndustrialRawMaterials
Ökobaudat	Construction materials database, provided by the German Federal Ministry of Transport, Building and Urban Development.	all	database	http://www.oekobaudat.de/home.html
OneGeology	OneGeology's aim is to create dynamic digital geological map data for the world and to provide service to other types of geoscience data.	not applicable	map viewer	http://portal.onegeology.org/OnegeologyGlobal/
OneMine	OneMine is a collaborative effort among multiple societies to place the world's most comprehensive collection of mining and minerals based research in one place. The goal of OneMine is to collect the most relevant and reliable aggregation of technical papers associated with mining and minerals in one, easy to navigate location.	Primary raw materials	reports	www.onemine.org

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PanGeo	PanGeo provides free access to geohazard information for many of the largest cities in Europe (information about the stability of the ground).	not applicable	map viewer	http://www.pangeoproject.eu/en/g/coverage_map
Polish Geological Institute – National Research Institute	The Polish Geological Institute (PGI) was founded on the 7th of May 1919 on the strength of the Resolution of the Parliament of the Republic of Poland. It is the oldest Polish nation-wide scientific institution. It is involved in comprehensive studies of geological structure of the country for practical use in national economy and environmental protection.	Primary raw materials	map viewer, database	http://www.pgi.gov.pl/en/data-bases.html
ProBas	ProBas is a German dataset library originally provided by the German Federal Environment Agency (Umweltbundesamt). It includes unit as well as aggregated processes, for the following topics: Energy, Materials & Products, Transportation services and Waste	Products	database	http://www.probas.umweltbundesamt.de/php/index.php
ProSum	Prospecting Secondary raw materials in the Urban mine and Mining wastes	Secondary raw materials	database	http://prosum.brgm-rec.fr/mapviewer/
PSILCA	PSILCA is a totally new database for social LCA developed by GreenDelta. It contains comprehensive generic inventory information for almost 15,000 industry sectors and commodities, for calculating and assessing social impacts of products along their life cycles, and for detecting social hotspots.	Products	database	http://www.psilca.net/
Raw Material System Analysis (MSA)	Study on Data Inventory for a Raw Material System Analysis	Primary and secondary raw materials	reports	https://ec.europa.eu/jrc/en/scientific-tool/msa
resourcetrade	resourcetrade.earth has been developed by Chatham House to enable users to explore the fast-evolving dynamics of international trade in natural resources, the sustainability implications of such trade, and the related interdependencies that emerge between importing and exporting countries and regions.	Primary raw materials	map viewer	https://resourcetrade.earth/data
Ressourcenkataster	Dumps of mining and metallurgical industry in Germany	Secondary raw materials	map viewer	https://webgis.ressourcenkataster.de/client/baseclient2/index-dev.html
RMIS	The JRC Raw Materials Information System (RMIS) provides a structured repository of knowledge on non-energy, non-agricultural raw materials from primary and secondary sources	Primary and secondary raw materials	map viewer, database	http://rmis.jrc.ec.europa.eu/
RSC-MI	Resource Reporting Intelligence (RSC-MI) is an online interactive map and database repository that displays and stores public reports for mineral exploration and mining projects globally.	Primary raw materials	map viewer	http://intel.rscmme.com/

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SARMa	The two main objectives are: to develop a common approach to SARM across SEE, and ensure a SSM in SEE based on fair distribution of costs and benefits of aggregate production, use, waste disposal and recycling, so as to enhance resource and energy efficiency and quality of life. project ended	Primary and secondary raw materials	reports	http://www.sarmaproject.eu/index.php?id=1557
SCREEN	Solution for Critical Raw Materials – a European Expert Network: SCREEN will establish an EU Expert Network that covers the whole value chain for present and future critical raw materials.	Primary and secondary raw materials	map viewer	http://screen.brgm-rec.fr/
SGU	The Geological Survey of Sweden, SGU, is the expert agency for issues relating to bedrock, soil and groundwater in Sweden.	Primary raw materials	map viewer	https://apps.sgu.se/kartvisare/index.html
SMART GROUND	SMART GROUND aims at improving the availability and accessibility of data and information on SRM (Secondary Raw Materials) in the EU territory, while creating collaborations and synergies among the different stakeholders involved in the SRM value chain.	Secondary raw materials	no data provided at the moment	http://www.smart-ground.eu/downloads.php?cat=2#
SNL	The Metals and Mining database gives mining information and analysis	Primary raw materials	Reports and map viewer	http://marketintelligence.spglobal.com/client-solutions/users/metals-mining-companies
Social Hotspots Database	The aim of this database is to provide access to best available social risk and opportunity information to provide methods and tools to calculate and summarize this information into a social footprint	all	database	https://socialhotspot.org/
Step Initiative	Solving the e-waste problem Initiative	Secondary raw materials	map viewer, database	http://www.step-initiative.org/step-e-waste-world-map.html
STRADE	The "Strategic Dialogue on Sustainable Raw Materials for Europe" (STRADE) addresses the long-term security and sustainability of the European raw-material supply from European and non-European countries.	Primary and secondary raw materials	reports	http://stradeproject.eu/index.php?id=7
SWISSTOP O	swisstopo offers its products in both analogue and digital form. Analogue products include paper maps, e.g. the sets of national maps, and various thematic maps (hiking, geology, history, aviation). Digital products include maps, aerial images, orthophotos, landscape and height models, as well as software. swisstopo also produces numerous specialised publications.	Primary raw materials	map viewer	https://map.geo.admin.ch/?topic=geol&lang=en&bgLayer=ch.swisstopo.pixelkarte-grau&layers=ch.swisstopo.geologie-geocover&layers_opacity=0.75&catalogNodes=1828
TGI4	The Targeted Geoscience Initiative (TGI) is a collaborative federal geoscience program that provides industry with the next generation of geoscience knowledge and innovative techniques, which will result in more effective targeting of buried mineral deposits.	Primary raw materials	database, reports	http://www.nrcan.gc.ca/earth-sciences/resources/federal-programs/targeted-geoscience-initiative/10907

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S. Life Cycle Inventory Database	This database provides individual gate-to-gate, cradle-to-gate and cradle-to-grave accounting of the energy and material flows into and out of the environment that are associated with producing a material, component, or assembly in the U.S	all	database	https://uslci.lcacommons.gov/uslci/search
umberto	Umberto is a German life cycle inventory database	all	software	https://www.ifu.com/en/umberto
UN Comtrade Database	Detailed global trade data on raw materials	Primary raw materials	statistical database	https://comtrade.un.org/data
USDA	The Life Cycle Assessment Commons (LCA Commons) is a data repository hosted by the United States Department of Agriculture (USDA) National Agricultural Library (NAL). It is a repository dedicated to access and long-term preservation of life cycle assessment (LCA) data, tools, and resources.	Products	database	https://www.lcacommons.gov/
WEO	The World Economic Outlook contains selected macroeconomic data series from the statistical appendix of the World Economic Outlook report, including data on national accounts, inflation, unemployment rates, balance of payments, fiscal indicators, trade for countries and country groups (aggregates), and commodity prices whose data are reported by the IMF.	Primary raw materials	database	http://www.imf.org/external/np/res/commod/index.aspx
WIOD	World Input-Output Database is the first public database that contains new information on trends and provides the opportunity to analyse the consequences of fragmentation, for example for shifting patterns in demand for skills in labour markets, or for local emissions of air pollutants. In addition, the WIOD provides data on labour and capital inputs and pollution indicators at the industry level that can be used in conjunction enlarging the scope of possible applications.	all	database	http://www.wiod.org/database/wiots16
World mining data	Information on mineral production, market concentrations and the resulting trends.	Primary raw materials	reports	http://www.wmc.org.pl/?q=node/49
WTO - Country Profiles	The World Trade Organization (WTO) deals with the global rules of trade between nations. Its main function is to ensure that trade flows as smoothly, predictably and freely as possible.	all	database	https://www.wto.org/english/res_e/statistics_e/miwi_e/countryprofiles_e.htm
WTO - Time series	time series on import and export; scope: only exchange under Regional integration agreements (EFTA, NAFTA, EU28, CACM, 2 and selected products according to Standard International Trade Classification (SITC) details WTO Statistical data sets	all	database	http://stat.wto.org/StatisticalProgram/WSDBStatProgramSeries.aspx?Language=E