This joint report and directory updates and builds on the 2012 report on the same topic and provides information on the by-product metals of copper, zinc, lead and nickel. Updated information is included on bismuth, germanium, indium, cobalt, platinum group metals, scandium, molybdenum, rhenium, selenium, tellurium and rare earths. In addition, this new report adds coverage of gallium, cadmium, gold, silver, arsenic and mercury. The work was carried out by Oakdene Hollins of the UK under a contract for the three Study Groups.

The 338-page publication comprises two parts: a report and a directory. The Report provides information on the production, usage, trade and the outlook for the by-product metals. Detailed information is provided on common sources of by-product metals, refinery processes, recycling, markets, contracts, historic prices and pricing mechanisms, uses, government regulations, REACH status of compounds, government stockpiles and trade restrictions.

The 100-page Directory provides a listing of mining and producing companies and production capacity for each of the by-product metals.

An appendix with information on market balances over a ten-year period is provided for many of the metals.

Statistical data is provided up to 2014 and data on expansion plans and forecasts are included.

The Study, Directory and Market Balances are a package, sent as one pdf file.
Study of By-Products of Lead, Zinc, Copper and Nickel and Directory 2015

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