



# PLUNDERING THE PLANET

THE NEW REPORT TO THE CLUB OF ROME BY UGO BARDI

## *Plundering the Planet*

*The Future of Mankind in the Age of Dwindling Resources*  
A Report to the Club of Rome

**Thursday, 28<sup>th</sup> November 2013, 18.30 – 20.00**

*(Doors open at 18:00, Apéro from 20:00)*

**Clubhouse Swiss Re, Mythenquai 50/60, Zurich, Switzerland**

### **PROGRAMME:**

Welcome: **Ian Johnson** (Secretary General of the Club of Rome)

Presentation of the Report *Plundering the Planet* by the author, **Ugo Bardi**

Panel discussion:

**Bastien Girod** (Member of the Swiss National Parliament), **Reto Ringger** (Founder and CEO of Globalance Bank), **Peter Sigg** (President of the Commodity Club), **Dr. Vivianne Visschers** (Professor for Consumer Behaviour at the Institute for Environmental Decisions ETH Zurich)

Moderator: **Dr. Philipp Aeby** (CEO of RepRisk)

Questions and discussion

**Registration:** [Click here](http://bit.ly/H6Zqv7) (Link: <http://bit.ly/H6Zqv7>)

*Tickets cost 20 CHF. The number of places is limited. Registration closes on 20th Nov, 2013.*

**The book launch is a joint event organised by the Club of Rome, Swiss Re, LGT Venture Philanthropy, Green Buzz and the Commodity Club.**



LGT Venture Philanthropy

In the 33rd Report to the Club of Rome, Ugo Bardi has taken a detailed look at the history, the present and the future of mining and resource exploitation. Bardi points out very clearly that *none* of the numerous mineral resources that are extracted daily, and which are essential to the functioning of our society, will run out in the near future. But he also makes it clear that the times of cheap mineral resources will be over *soon*. The existence of large, easily exploitable deposits will be a thing of the past, leaving us with reservoirs of low levels of metal, oil and gas. Their exploitation will not only be more costly and more energy consuming, it will also produce more waste and have a higher environmental impact.

It was already clearly formulated in the *Limits to Growth* that we will not “run out” of minerals and substances in the near future, but the Report also recognised that there would always be higher costs associated with obtaining them. The energy demand has increased dramatically since we have to mine ores which are progressively lower in concentration. The evidence is mounting that it will probably be the energy and its availability that ultimately sets the limits to our economies and societies.

Switzerland will not be spared with the respective future implications. The current debates on energy policy, the creation of energy through unconventional methods such as fracking, shale gas, etc., and the possible solutions that are offered, will form a new framework for economics and politics – also in Switzerland.

In particular, these new conditions will have an influence on the implementation of the Swiss energy policy, as well as on the Swiss financial industry, regarding investments in sustainability-related themes such as clean technology as well as industry at large. The Swiss international platform for commodities trading will equally be affected by the emerging challenges and opportunities related to the evolving imminent resource constraints.

We are looking forward to discuss these issues with the author of the Report, as well as with our honourable guest-speakers and the public to draw on the findings of the Report about the implications on Switzerland and available solutions regarding resource constraints.

**The new Report to the Club of Rome *Der geplünderte Planet – Die Zukunft des Menschen im Zeitalter schwindender Ressourcen* was published by oekom Verlag: ISBN-13: 978-3-86581-410-4, München, 2013**

## Organizers

**Commodity Club Switzerland:** The business club aims to bring together business professionals and leaders who are actively involved in the commodity industry in Switzerland. [www.commodityclub.ch](http://www.commodityclub.ch)

**Green Buzz:** The association provides 800+ professionals involved in sustainability, across all industries and sectors, with opportunities to learn, connect and to be most effective. [www.greenbuzz.ch](http://www.greenbuzz.ch)

**Club of Rome:** The Club of Rome was founded in 1968 as an informal association of independent leading personalities from politics, business and science with a common concern for the future of humanity and the planet; long-term thinkers, interested in contributing in a systemic interdisciplinary and holistic manner to a better world. [www.clubofrome.org](http://www.clubofrome.org)

**LGT Venture Philanthropy:** Is an impact investor supporting organizations with high social and environmental impact. LGT VP provides young, fast-growing social organizations with funding, know-how and access to networks. [www.lgtvp.com](http://www.lgtvp.com)

## Host

Swiss Re: Global reinsurer with focus on risk transfer, risk retention financing, and asset management. [www.swissre.com](http://www.swissre.com)