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**REMEX®**

WORKING FOR THE FUTURE



## REMEX INTERNATIONAL

Newsletter | 03.2023

*Michael Stoll,  
Chief Executive Officer of REMEX GmbH*

Dear Sir or Madam,

The latest developments of circularity worldwide are cause for concern. The current figures presented in the yearly Circularity Gap Report are worrying. Only 7% of resources are recycled – humanity clearly consumes more than it reuses.

There are many factors preventing a much needed turn-around. Let's leave aside regulatory factors, such as a lack of legally binding recycling quotas or a much needed tax on raw materials. Overall, it is the human factor that is decisive for change: Being convinced that the only way forward is re-use, openness to learn from others, and implementing recycled goods, need to be the standard rather than the exception.

In an age that some are already calling „post-global“ it becomes even more important to network and to exchange best practices internationally. We must stop using more than the earth can provide. With this in mind, we will continue to share our knowledge regarding the recycling of minerals, the biggest waste stream worldwide.

Please feel free to [> contact us directly](#) if you have questions – and if you like our international newsletter, please take a moment to [> recommend us](#).

Yours sincerely,  
Michael Stoll  
Chief Executive Officer of REMEX GmbH

**> INNOVATIONS**

- > Swiss develop reusable drum for asbestos disposal
- > Certified incinerator bottom ash for OptiBlend®

**> CLOSING THE CIRCULARITY GAP**

**> COMPANY DEVELOPMENTS**

- > Third location in France supports international growth
- > REMEX representation China

## Swiss develop reusable drum for asbestos disposal

In Switzerland, only a few landfills still accept untreated asbestos waste. Currently, a mandatory treatment of the hazardous material is being discussed. Our Swiss company REMEX Recycling AG, based in Basel, has led the way since 2019, when it pioneered the binding of asbestos in concrete at its own plant. Now, they have developed the disposal concept further, replacing big bags that are currently used for disposal with a sustainable reusable solution. > read the detailed article

**“We are convinced that in the future, it will be impossible to imagine asbestos removal without the reusable drum.”**

Oliver Mickley, Managing Director of REMEX Recycling AG



## Certified incinerator bottom ash for OptiBlend®



A sustainable alternative to conventional foundation materials called OptiBlend® has recently been introduced in the Netherlands. This is a cementitious material produced using processed incineration bottom ash (IBA) from Energy-from-Waste plants. The material is suitable for projects in the construction and infrastructure sectors, increasing the speed of construction by solidifying and stabilising the underground faster than conventional earthwork methods. Dependent on the location of the project, the mix is delivered just-in-time or produced on site with mobile equipment. OptiBlend® is the result of cooperation between the construction company > Van de Beeten and the Dutch manufacturer > HEROS Sluiskil who supplies the certified IBA of the granova® brand. The new material is produced as a dry mix. > learn more

“OptiBlend® is another example of an innovative material development using IBA that enables new ways of construction, making faster, more-cost efficient and sustainable solutions possible.”

Martijn Hoekmann, Sourcing & Product Manager Minerals of HEROS Sluiskil B.V.

## CLOSING THE CIRCULARITY GAP

Published for the sixth time in a row during The World Economic Forum's Annual Meeting in Davos, the Circularity Gap Report belongs to the key publication providing leaders and businesses with the insights, data, knowledge and networks to accelerate change.

However, the message of the latest report is alarming as the world is looking at a decreasing – instead of a growing – circularity rate. The current rate amounts to only 7,2 %, representing 7.1 billion t of resources such as non-metallic minerals, metal ores, fossil fuels, biomass. In 2018, when the first report was launched, the rate had in fact stood at 9,1 %. Overall, resources consumed worldwide remained the same as in the previous years at around 100 billion t. Half of this volume is made up of minerals, mainly needed by a booming construction industry to provide housing and infrastructure for the rising population in many parts of the world.



The circularity gap initiative presents 21 solutions to reduce resource consumption. Regarding minerals, the list included resource efficient housing and construction, reduction of floor space, natural housing solutions, increasing durability and using circular construction materials. The use of secondary construction materials alone has the potential to reduce mineral extraction by 3.5 billion t, increasing the circularity rate by 3.5 %. This would at the same time result in an emission saving of 1.1 Gt. > [Learn more](#)



The Circularity Gap Reporting Initiative is an initiative of Circle Economy, an impact organisation dedicated to accelerating the transition to the circular economy.

> [www.circle-economy.com](http://www.circle-economy.com)



## COMPANY DEVELOPMENTS

### Third location in France supports international growth

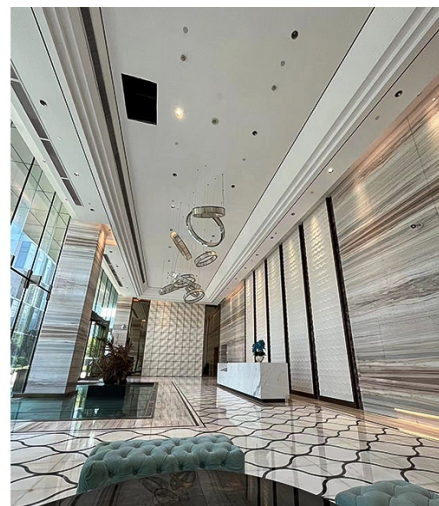
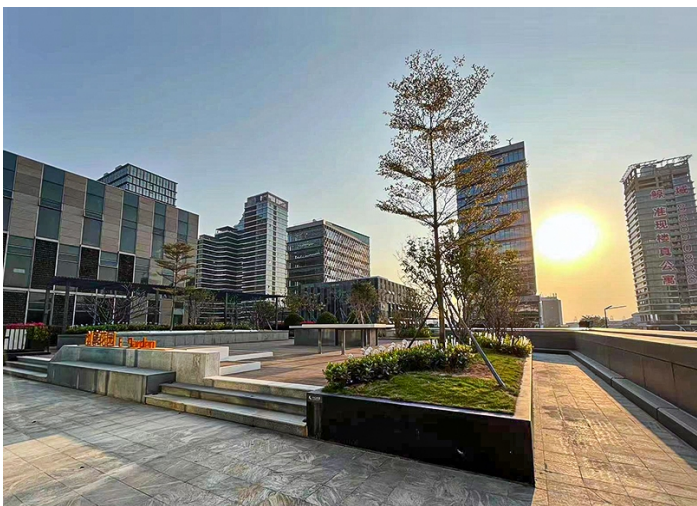
Our subsidiary REMEX RESOURCES MINÉRALES SAS currently operates two sites in France, located in Straßbourg and Mittersholtz, both in the Département Bas-Rhin. The opening of a third French site is now in preparation. Covering an area of around 8,800 m<sup>2</sup> on Île Napoléon, the new site in Mulhouse is perfectly located for shipping minerals nationally and internationally via the Rhine. The site has a 100-meter steep quay and is only a few kilometers from the French A 35/A 36 interchange and the German A 5 freeway. In addition to handling non-hazardous and hazardous waste, the site will offer the possibility of simple pre-treatment steps such as screening, crushing, conditioning and iron separation.

“The option of treatment and shipment to recycling and disposal plants within the EU complements our business model and strengthens our position in the French market.”

Wolfgang Stadler, Managing Director of REMEX RESOURCES MINÉRALES SAS



### REMEX representation in China



REMEX has recently established its first presence in China. Located within the German Chamber of Commerce Shenzhen Office, > Xindi Wang has now officially taken over his role as Chief Representative of REMEX in China. Mr. Wang, who is a material science expert with a Masters's degree from the German RWTH Aachen university, previously spent significant time with REMEX in Germany, getting insights into our activities and competences at more than 60 national and international locations. With the new office, REMEX wants to widen its geographic growth in Asia beyond its current sites in > Singapore and > Malaysia, realising the potential for transferring its recycling solutions to the Chinese market. Interested parties can contact our Chinese office directly, business requests are handled in Chinese, English and German.



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