









#### Dear relation,

you are invited to the mini seminar on March 1<sup>st</sup> 2011 , 15:00 pm

at the lecture room, YES!Delftgebouw, Molengraaffsingel 12, 2629 JD Delft;

where experts and companies in the rare minerals sector will give a short introduction on:

### "Rare Earth Elements"

Rare Earth Elements is a group of 17 chemical elements which naturally exist in nature. Rare earth metals are always found in combination with other elements. Although rare elements are not really rare, they are however, difficult to retrieve. They are also difficult to find which makes them relatively expensive.

Rare earth elements have special chemical characteristics. In the high tech car and the electronic equipment industry such as mobile phones, energy saving lamps and detection systems, batteries, rare earth elements play an important role.

A large quantity of the world stock can be found in Asia, so they are also the main producers. The World usage of rare world elements has tripled in the past 10 years to 125,000 tons per year. It is expected that in 2014 that the world demand will increase to 200,000 tons per year.

High technology companies all over the world may be confronted with a shortage of rare earth metals. The reuse of old mines will be expensive and take time. What is the solution? How can we work together and what are the alternatives?

We invite you to take part in the mini seminar in Delft on March 1st, 2011.

**Entrance is free but registration is requested at email address:** 

info@yesdelft.nl

(Please include your name, function, organization and number of participants.)









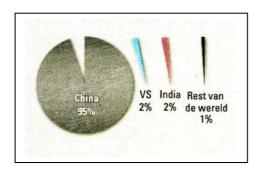


## Visit to The Netherlands of the delegation of Ganzhou city, Jianxi Province, 1 March 2011

Program:	
14:30	Registration
15:00	Welcome and start of the mini-seminar:
15:05	Introduction by the Chinese Embassy
15:15	Lecture by Mr Pan Yiming, Delegation Leader
15:30	Film Ganzhou City, province of Jianxi
15:40	Rare Earth Metals, Occurrence and Applications, Lecture by Jack
	Voncken - Faculty Civil Engineering & Geosciences Tu Delft
16:15	Lecture by Mr Liu Yong, General manager Xinfeng County Baogang
	Xinli Rare Earth Co, Ltd.
16:30	Lecture by Mr Yang Qing, Chairman Jiangxi Rongyizhong Rare Earth
	Materials Co., Ltd
16:45	Paneldiscusion and Q&A
17:00	Drinks reception

## Gangzhou

Ganzhou is a large city covering the southern third of Jiangxi province, with an area of 39,400 square kilometers. It borders Hunan province to the west, Guangdong to the south, and Fujian to the east, as well as the cities of Ji'an and Fuzhou to the north. More than 70% of the area is forested. The vast majority of the province, more than 83%, is also mountainous.





#### The delegation will consist of the following persons:

- 1 Mr. Pan Yiming, Delegation Leader and Chairman General Labour Union Ganzhou City
- 2 Mr Xie Jiuzhi, Director Yudu County financial and economic committee, Ganzhou City Jiangxi Province

- 3 Mr Zhong Shuishi, Director Huichang County financial and economic committee Ganzhou City Jiangxi Province
- 4 Mr Mei Jianglin, Director Ningdu County financial and economic committee Ganzhou City Jiangxi Province

#### Companies

- 5 Mr Liu Yong, General manager Xinfeng County Baogang Xinli Rare Earth Co, Ltd.
- 6 Mr Yang Qing, Chairman Jiangxi Rongyizhong Rare Earth Materials Co., Ltd

# Ganzhou in the Province Jianxi is the birth place of Chinese tungsten industry.



Tungsten, as a rare and refractory metal, is an important strategically metal. As estimated the tungsten content in stratum is only I in the grade of ppm. But it is very rich in China. 65% of total tungsten deposit in the world is in China. It ranks the first in the world.

From stratigraphical analysis the tungsten content in stratum of Ganzhou is 9.53-12 ppm and this is more than 7 times over the world average value of 1.33 ppm. The deposit of tungsten and the output of tungsten concentrate in Ganzhou, each take 30% that of total in China.

Among them the deposit of high grade wolframite takes as much as 70% that of total in China and 60% in the world. So Ganzhou is called as "Tungsten capital of the world".

