

The logo consists of a large, bold, black letter 'S' with a superscript '3' to its upper right, all enclosed within a white square with a black border. The square is positioned in the top left corner of the page, partially overlapping the desert background.

1st Sahara Scientists Summit



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Dear Sir and Madame,

On behalf of the 165 years old **Budapest Chamber of Commerce and Industry** (BKIK) Energy and Bio- Technology Section I would like to declare the great success of the

1st Sahara Scientists Summit (3S) on May 20th, 2015, in Budapest

The first Sahara Scientists Summit made its first important step towards a fundamentally new approach to climate mitigation and sustainability. It has been emphasized by the speakers, that the scientific approach with innovative and progressive new solutions, developed for climate mitigation, could also offer **multi-dimensional responses** on the most important questions of humanity, such as **migration** (which has become a global key **security issue nowadays**), unemployment, food and feedstock supply against qualitative and quantitative starvation, reforestation and renewable energy supply.

Geo-engineering should be incorporated in the Sahara mitigation program and efficient new green technologies should be developed both in the **Vortex** (or tornado) type solar chimneys and **twin function wind turbines** while the high capacity new PV-s could efficiently support the progressive mitigation process and increase the electricity availability.

All above issues are interconnected with the possible and most probably necessary **CO₂ paradigm change** where **CO₂ could become a valuable raw material of sustainability** via new technologies, including the Quadgeneration and **CO₂ irrigation**.

Bio-engines, such as fast growing adaptable hybrids – among them the Paulownias – and other C4 type plants combined with sophisticated new patents (like Agrooter® of Bactofil) are supporting the efficiency revolution in agro-industry. The Agrooter® for example can decrease the water demand by 50% while CO₂ irrigation could increase the yield by 30%.

BKIK (Budapest Chamber of Commerce and Industry) Energy and Bio-Technology Section)

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As a quantitative approach (and augmentation of the above mentioned new methods) the **Great Green Sahara Deal (GGSD)** could be a chance to create a unique **WIN-WIN-WIN** situation for all participants where:

- **Individuals (WIN1)** will have new job with the desert reforestation and complex utilisation through “Quadrats”,
- **Africa (WIN2)** will get a massive renewable electricity supply in addition to wood, food and feedstock,
- **World (WIN3)** will gain a progressive climate mitigation device (the GGSD) and have really sustainable, viable future!

The **GGSD** type project could certainly alleviate the migration pressure and helps avoid such **ecosystem-devastation -driven epidemics** like the latest **Ebola crises in West-Africa!**

As a summary of the forum, the speakers of the first Sahara Scientists Summit have agreed that application of such type of complex solution could increase the overall

national security !

Please mark in your own program the next date of the 2nd 3S:

2nd Sahara Scientists Summit – Budapest, 20 - 21 May 2016

we will be proud to **welcome you** and also all those individuals, entrepreneurs and politicians who feel a responsibility for a multidimensional sustainable solution and could be partners in a **comprehensive and progressive approach of the climate mitigation for a vital and sustainable World !**

23.05.2015, Budapest

Prof. Dr Jozsef Steier
Chairman of the Org Com.

Prof. Dr.Nguyen Huu Ninh
Chairman CERED

Prof. Dr Janos Mika
Climate researcher

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