

## 1st BRICS INTERNATIONAL FOUNDRY FORUM - BRAZIL 2011

<http://www.bricsfoundryforum.org/ingles/index.html#>

## 2 nd BRICS INTERNATIONAL FOUNDRY FORUM - CHINA 2012

<http://www.foundryworld.com/english/news/view.asp?bid=106&id=6894>



the dti  
Department:  
Trade and Industry  
REPUBLIC OF SOUTH AFRICA



Proud initiative of the dti



South African  
Institute of Foundrymen



University of Johannesburg:  
Metal Casting  
Technologies



technology innovation  
A G E N C Y

<http://www.nftn.co.za/brics/nftn-and-saif-hosts-brics-foundry-forum-in-south-africa/>

<http://www.brics5.co.za/13-16-march-2013-kwamaritane-north-west-3rd-brics-foundry-forum/>

## BRICS FOUNDRY FORUMS GALLERY

### 2011 BRAZIL



### 2012 CHINA



## 2013 SOUTH AFRICA



### THIRD BRICS FOUNDRY FORUM, SOUTH AFRICA, MARCH 2013

**TESTIMONIAL INTRODUCTION BY IGOR KULKOV, NATIONAL UNIDO EXPERT, ISB EXECUTIVE SECRETARY ON BEHALF OF INTERNATIONAL UNION METALLURGMASH**

<http://us2.campaign.archive1.com/?u=68bd5888581c57f5edda87414&id=db95b370e5&e=9fbde46e1d>

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#### **Esteemed Guests and Hosting Party,**

It is honor to have opportunity of kind invitation for BRICS Foundry Forum and to have testimonial introduction for so professional colleagues which I make on behalf of International Science Bridge & International Union METALLURGMASH.

With promotion assistance of UNIDO Centre in Russia we are facilitating international Technology partnership between BRICS enterprises focusing on involvement of Medium Business in Economy modernization and diversification for priority industrial clusters.

Last year UNIDO Project was launched on BRICS partnerships in Technology & Innovation for Medium Business development aiming establishment of BRICS Technology Platform which is in process now for creating Consolidated Platform including Metallurgy. (*Project introduction published in "UNIDO in Russia" magazine № 8, October 2012*)

Initially it was framed for Russia–Brazil cooperation and now in the process of extending to Russia-South Africa with further expansion to other BRICS countries.

Russian partners has been developed Conceptual Approach for BRICS Metallurgy cluster:



- Conception «Prospects for international industrial cooperation between BRICS countries in Metallurgy» ( *published in "UNIDO in Russia" magazine № 9, December 2012*)
- Conception «BRICS cooperation Program of professional training, retraining and advanced training in Metallurgy (Introduced to UNIDO CIIC Russian Federation in December 2012)
- Conception « Small Metallurgy: Mini and Micro Steel Mills for Scrap Processing in South Africa" ( *introduced in South Africa to DTI & IDC in the frame of EMIA IIM in 2011*)
- Conception «Project Vision: Steel continuous Casting & Rolling Mill in South Africa" ( *Introduced to DTI in the frame of DTI ITI in Moscow in 2012*)

For consolidating of efforts of Russian Enterprises in support of UNIDO / BRICS Project in December 2012 Industrial Innovation Club was initiated with UNIDO Centre in Russia.

International Technology and Development partners are introduced by complex groups of Russian independent Engineering, Designing companies, Technology Holders and Equipment Manufacturers united by Project drivers & Technology Providers for Projects implementation

Metallurgy cluster is introduced by Russian enterprises having long term experience in local and international markets, such as VNIIMETMASH Holding established in 1965, Magnitogorsk State Technical University (established in 1934) and VNIPIENERGOPROM for Energy( established in 1940) and METALLURGMASH uniting above 50 Russian Enterprises of Metallurgy cluster.

Beside Conceptions Technology and Project Proposals were prepared for negotiation with potential partners in South Africa and other BRICS countries. All Conceptions and Project proposals are available with BRCIS Forum Organizers as well we are ready to meet with interested participants to have B2B meetings in the frame of this forum for introducing proposals and assisting in linking with Russian Enterprises. For example:

- Technology Proposal: Cast Rolling Complex for production 100 000 tn Small Section Rolled product, LPK 100
- Project proposal: "Micro steel Mill for Production 50 000 tons Steel, Long product and Grinding balls"
- Project proposal: Duplex processing plant for production high MVA for Metallurgy & Construction from low quality raw materials -- Processing Ferromanganese & Ferrosilicon and high aluminous cement from non economic manganese ore and silicon quartzite
- Technology Proposal: Creation of hi-tech nano structured steel armature manufacture on the basis of innovative thermo-deformation technology
- Presentation: "Small Energy : Ecology Green Coal Mini Power Stations 12 -24 Mwt"

Newly framed Industrial Innovation Club with UNIDO Centre in Russia aims consolidating industry in support of UNIDO/BRICS Project in technology and Innovation for development of Medium Business

We consider Medium business is the Third Pillar of Real Economy of the most countries all over the world assisting in providing of socio - economic sustainability of society.

Numerous middle term projects of Medium Business can add long term Mega projects of State & Big Business. It may become dynamic & efficient field of international cooperation

Consolidating professional efforts in Metallurgy cluster will serve also to implementation of recommendations of forthcoming Fifth BRICS Summit "BRICS & AFRICA: Partnership for Development, Integration, and Industrialization".

Undoubtedly, as Development partners, Russian Medium Business Enterprises have enough experience of international cooperation and possess enough resources including intellectual, technological and industrial as well as international cooperation experience based on science achievements and modern technologies.

It makes Russian enterprises as potential partners capable high professional participants of joint Industrial and Innovation projects for achieving BRICS Goal..

**Thank you for your kind attention for our introductory testimonial**

**Igor Kulkov,**

**14 March 2013,**

**Pilanesberg, South Africa**