

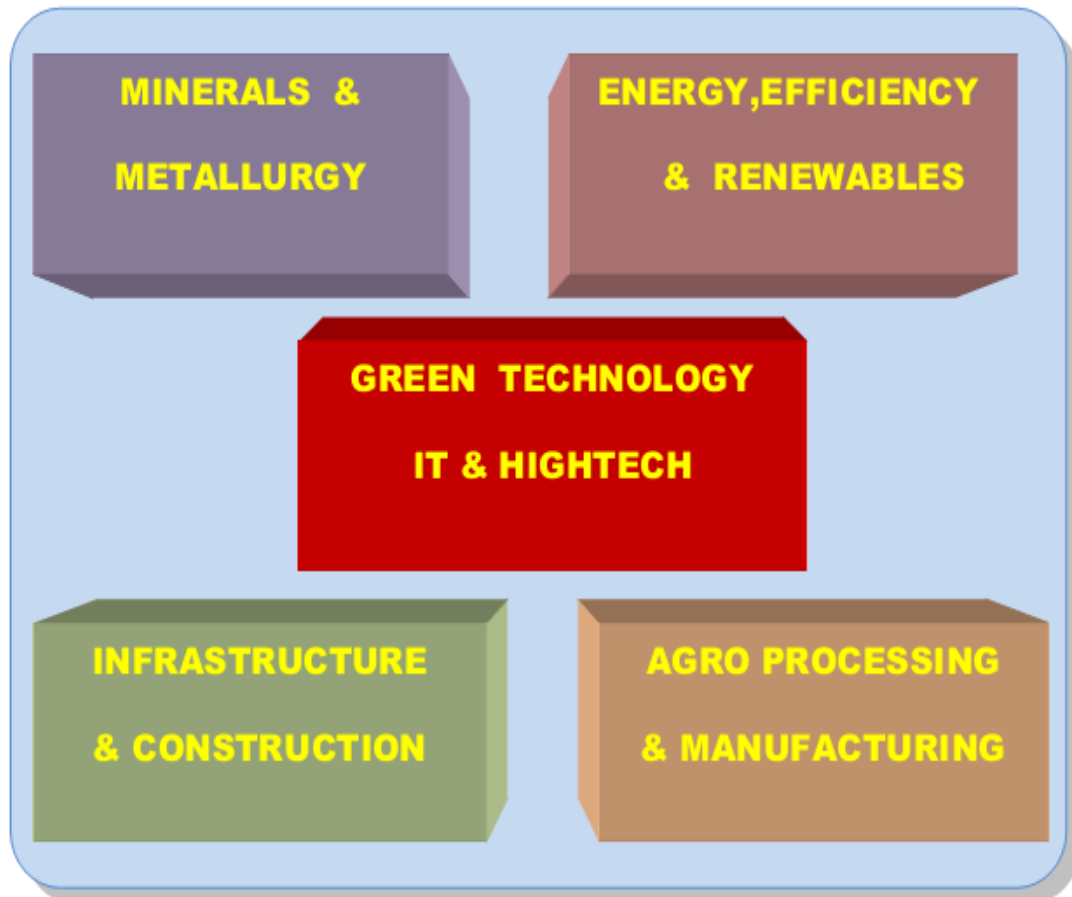
## **CONSOLIDATED BRICS TECHNOLOGY PLATFORM**

**FOR UNIDO PROJECT 2012 – 2015**

«Russia - Brazil Partnership in Technology and Innovation for development of SMEs with expanding to all BRICS countries»: Russia – South Africa Sub regional Vector

**FOR BRICS / AFRICA PARTNERSHIP**

in development of the Fifth BRICS Summit in South Africa 26 - 27 March 2013 “BRICS /AFRICA: Partnership for Development, Integration, Industrialization”



1. “BRICS PARITY” – introduction UNIDO Project “Partnership between BRICS countries in Technology and Innovation for developing of SMEs”.(31.05.12) *TRANSLATION OF THE ARTICLE FROM “UNIDO IN RUSSIA” MAGAZINE № 8, October 2012* [http://www.unido-russia.ru/archive/num8/art8\\_6/](http://www.unido-russia.ru/archive/num8/art8_6/)
2. “BRICS PRIORITIES” – analytics for subject of BRICS Summit 2013 in South Africa “BRICS and AFRICA: Partnership for Development, Integration and Industrialization” *PUBLISHED IN “UNIDO IN RUSSIA” MAGAZINE № 10, March 2013*
3. “REGIONAL COOPERATION RUSSIA – AFRICA” – theses “Promotional experience in Southern Africa” for UNIDO Workshops “Promotion Support for diversification in Africa” in the frame of AU / UNIDO Conference on Economic diversification and manufacturing in Africa” *INTRODUCED IN ADDIS ABABA, 4-5 JUNE 2012*
4. “AFRICAN COUNTRIES INDUSTRIAL POLICY & INTERNATIONAL COOPERATION” – analytics “Framing, development and support of industrial cooperation & partnership in SADC for participation of Medium Business.” *INTRODUCED ON 22 FEBRUARY 2012 AT AFROCOM WEB SITE* <http://www.afrocom.ru/news/analytics/18>
5. MARKETING REPORT - Inward Investment Mission (IIM) to South Africa in the frame of Export and Investment Assistance (EMIA) of South Africa Department of Trade and Industry (DTI) 11-21.06.2011

6. «DOING BUSINESS IN SOUTH AFRICA»- Testimonial introduced at South African Business Forum in Moscow at DTI Third ITI 15 -16 February 2011 & Fourth ITI 26 - 27 March 2012

## **II. CLUSTER CONCEPTIONS & PROJECTS PROPOSALS**

### **Cluster A. METALLURGY**

#### **CLUSTER CONCEPTIONS**

8. CONCEPTION "PROSPECTS FOR INTERNATIONAL INDUSTRIAL COOPERATION BETWEEN BRICS COUNTRIES IN METALLURGY CLUSTER" *TRANSLATION OF THE ARTICLE FROM "UNIDO IN RUSSIA" MAGAZINE № 9, January 2013*  
[http://www.unido-russia.ru/archive/num9/art9\\_9/](http://www.unido-russia.ru/archive/num9/art9_9/)
9. CONCEPTION "BRICS METALLURGY EDUCATIONAL CENTER" *INTRODUCED TO UNIDO CENTRE RF IN DECEMBER 2012*
10. CONCEPTION "SMALL METALLURGY: MINI & MICRO STEEL MILL FOR SCRAP PROCESSING IN SOUTH AFRICA" *INTRODUCED IN SOUTH AFRICA TO DTI AND IDC IN JUNE 2011*
11. CONCEPTION "PROJECT VISION: STEEL CASTING AND ROLLING MILL IN SOUTH AFRICA" *INTRODUCED IN SOUTH AFRICA TO CDC AND ECDC IN MAY 2010*
12. PRE-CONCEPTION «NATIONAL SECTOR DEVELOPMENT IN FERROUS METALLURGY IN COEGA INDUSTRIAL ZONE (IDZ) "Mini steel Mill for Production 350 000 t Steel & Steel products" *INTRODUCED TO CDC, ECDC Eastern Cape 2009*

#### **PROJECTS PROPOSALS**

13. Technology Proposal: Cast Rolling Complex for production 100 000 tons Small Section Rolled product, LPK 100
14. Project proposal: "Micro steel Mill for Production 50 000 tons Steel, Long product and Grinding balls"
15. 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
16. Technology Proposal: Creation of hi-tech nano structured steel armature manufacture on the basis of innovative thermo-deformation technology

### **Cluster B. ENERGY**

#### **MINI POWER STATIONS WITH TECHNOLOGY "GREEN COAL"**

##### **TECHNOLOGY PRESENTATION & PROJECT PROPOSAL**

17. Presentation: "Small Energy: Green Coal Mini Power Stations"
18. Project proposal: "Demonstrating Project for 12 Mwt Green Coal Power station"

#### **RENEWABLE ENERGY**

##### **PROJECT VISION & PROJECT PROPOSAL**

19. Project vision: "Renewable Energy: Solar Water Heaters Production plant"
20. Project proposal: "Production & Assembly Plant for 80 000 Solar Water Heaters"

### **Cluster C. AGRO PROCESSING**

#### **PROJECTS PROPOSALS**

21. Project proposal: "Food Pectin Production from Citrus ( and fruit) wastes"
22. Project proposal: "Wheat Deep Processing to MVA Products"

### **Cluster D. CONSTRUCTION**

#### **PROJECTS PROPOSALS**

24. Project proposal: "New non cement construction material and construction technology for affordable housing"
25. Project proposal: "Processing of Bamboo wastes to Construction materials"