

ENERGY, CLIMATE CHANGE AND ENVIRONMENTAL SUSTAINABILITY

SOUTH-SOUTH AND TRIANGULAR COOPERATION

BRAZILIAN EXPERIENCE

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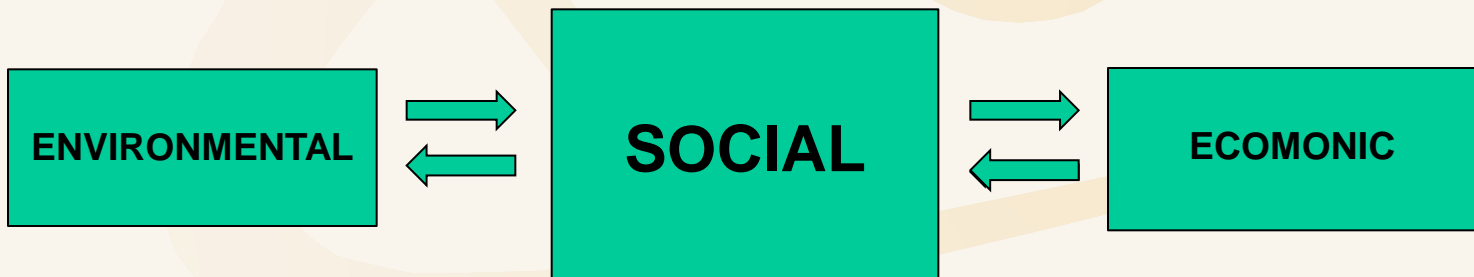
RIO+20 SUMMIT

COMMITMENT TO SUSTAINABLE DEVELOPMENT

Three dimensions

- **Social**
- **Environmental**
- **Economic**

**Strengthening and Integration of 3 dimensions in
a balanced manner**



RIO+20 SUMMIT

COMMON COMMITMENT AND OVERARCHING GOAL:

**ACHIEVE SUSTAINABLE DEVELOPMENT
IN ITS 3 DIMENSION**

**HOWEVER EACH COUNTRY CAN USE
DIFFERENT APPROACHES, VISIONS, MODELS AND
TOOLS**

**IN ACCORDANCE WITH ITS NATIONAL
CIRCUMSTANCES AND PRIORITIES**

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THEMATIC AREAS: Framework for action and follow-up (26)

- **Poverty eradication**
- **Food security and nutrition and sustainable agriculture**
- **Water and sanitation**
- **Energy**
- **Sustainable cities and human settlements**
- **Health and population**
- **Promoting full and productive employment, decent work for all and social protection**
- **Oceans and seas**
- **Climate change**
- **Education**
- **Biodiversity**

ENERGY

**ENERGY PLAYS A CRITICAL ROLE IN THE
DEVELOPMENT PROCESS**

**Human Development Index
Versus
Energy Consumption**

**Access to sustainable modern energy services
contribute to:**

- **Poverty eradication**
- **Saves life**
- **Improves health and education**
- **Gain of productivity**

ELECTRICITY GENERATION

RESOURCES

RENEWABLES

HYDROPOWER

WIND POWER

SOLAR ENERGY

BIOFUELS

BIO ETHANOL

BIO DIESEL

**electricity production
virtually free of
GHG emission**

NON-RENEWABLES

NUCLEAR

FOSSIL FUELS

COAL

PETROLEUM

NATURAL GAS

**electricity production
GHG emission**

ELECTRICITY GENERATION

ENERGY SERVICES:

- **EFFICIENCY**
- **RELIABILITY**
- **SECURITY OF SUPPLY**

PROVIDE CAPACITY FOR SYSTEMATIC PLANNING TO FIND THE OPTIMAL COMBINATION OF SOURCES (ENERGY MIX) TAKING INTO CONSIDERATION THE SPECIFICITY OF THE COUNTRY

- **CHALLENGES**
- **CAPACITIES**
- **CIRCUMSTANCES**

AND THE SOCIAL, ENVIRONMENTAL AND ECONOMICAL ASPECTS OF SUSTAINABLE DEVELOPMENT

SOUTH-SOUTH AND TRIANGULAR COOPERATION

SSTC

SSTC – Powerful mechanism to address the challenges of the sustainable development.

BRAZIL VIEWS

- **Share successful experiences**
- **Exchange best practices**
- **Free of conditionality and commercial interest**
- **Fields considered priority by the partners**

SOUTH-SOUTH AND TRIANGULAR COOPERATION

SSTC

BRAZIL VIEWS

Key factors for the success

- **Organization to coordinate the North-South and South-South Cooperation (Brazilian Cooperation Agency - ABC)**
- **Cooperation centered in strengthening our partners institutions and building the capacity of human resources**
- **Cooperation structured through technical projects**

South-South Cooperation (SSC)

ILO - BRAZIL

1987- Agreement to undertake technical cooperation (TC) with other countries in Latin America and Africa

2005- Exchange of letters on support the Prevention and Elimination of Child Labour in Portuguese-speaking Countries in Africa (PALOP)

2007- MoU for prevent and eliminate child labour, with a special focus on PALOP countries

2007- MoU for TC on creation and exchange of knowledge, information and experience on the area of Social Security

South-South Cooperation (SSC)

ILO - BRAZIL

2009- Complementary Agreement on TC with Latin American and African Countries for the Implementation of the ILO-Brazil Partnership Programme for Promotion of SSC:

- ❖ **Prevention and elimination of child labor**
- ❖ **Elimination of forced work**
- ❖ **Promotion of green jobs**
- ❖ **Strengthening of trade unions**
- ❖ **Promotion of Social Security**

2011- MoU to promote TC and exchange of knowledge, information and experiences in:

- ❖ **Social protection**
- ❖ **Socio-economic inclusion**
- ❖ **Poverty eradication**

South-South Cooperation (SSC)

ILO - BRAZIL

LATIN AMERICA AND CARIBBEAN

- ❖ Paraguay
- ❖ Bolivia
- ❖ Ecuador
- ❖ Haiti

ASIA

- ❖ Timor Leste
- ❖ Palestine

AFRICA

- ❖ Angola
- ❖ Cabo Verde
- ❖ Guinea Bissau
- ❖ Mozambique
- ❖ São Tome e Príncipe
- ❖ Tanzania
- ❖ Nigeria

SOUTH-SOUTH-NORTH (TRIANGULAR) COOPERATION - ILO

**2010 – First ILO triangular cooperation agreement -
Brazil, United States, Haiti and ILO**

- to protect the most vulnerable children after the earthquake
- to develop capacities for the reconstruction of public services, including educational services
- to promote the programme “ safer school” (school as safer place in the event of a disaster)

2011 – Two cooperation projects on SSTC formalizing the partnership between Brazil, U.S. and ILO for the benefit of Haiti and the PALOPs

South-South Cooperation (SSC)

BRAZIL - BILATERAL

- PROJECTS IN 81 DEVELOPING COUNTRIES
- BRAZILIAN INSTITUTIONS INVOLVED: 70
- ACTIVE PROJECTS: 345
- CONCLUDED PROJECTS: 1258

MAIN AREAS:

AGRICULTURE

HEALTH

EDUCATION

ENVIRONMENTAL

JUSTICE

BIOFUELS

WORKER TRAINING

SPORTS

TOURISM

HUMAN RIGHTS

URBAN DEVELOPMENT

FOREIGN TRADE

INFORMATION TECHNOLOGY

PREVENTION OF WORK-RELATED ACCIDENTS

South-South Cooperation (SSC) **BRAZIL - BILATERAL**

Example in the field of Health

**SUPPORT FOR THE ESTABLISHMENT OF
HUMAN (or BREAST) MILK BANK
HUMAN MILK BANK NETWORK
DONATION HUMAN MILK PROGRAMME**

HUMAN MILK BANK

**collecting, screening, processing, storing and
distributing donated human milk**

Bilateral projects with 14 countries in Latin America and Africa

South-South Cooperation (SSC)

BRAZIL - TRIANGULAR

- **TRIANGULAR COOPERATION WITH 7 DEVELOPED COUNTRIES**
- **ACTIVE PROJECTS: 48**
- **CONCLUDED PROJECTS: 73**

GEOGRAPHICAL DISTRIBUTION:

- **AFRICA: 25+51**
- **LATIN AMERICA: 22+21**
- **ASIA: 1+1**

BRAZIL AND THE TC PROGRAMME OF THE INTERNATIONAL ATOMIC ENERGY AGENCY (IAEA)

Key factors for the success

- **Organization to coordinate the cooperation at national level (International Affairs Office – Brazilian National Nuclear Energy Commission – CNEN)**
- **Cooperation centered in strengthening local institutions at recipient countries**
- **Capacity building of human resources through fellowships, scientific visits and courses**

South-South Cooperation (SSC)
BRAZIL – INTERNATIONAL ATOMIC ENERGY AGENCY
(IAEA)

COOPERATION IN AREAS RELATED TO THE SUSTAINABLE DEVELOPMENT:

- **WATER**
 - Water resource availability
 - Reliance of aquifers
- **FOOD SECURITY AND SUSTAINABLE AGRICULTURE**
 - Defence against insect pestes
(Sterile Insect Technique – SIT)
 - Plant breeding
- **HUMAN HEALTH**
 - Radiotherapy
 - Nuclear medicine
- **ENERGY**
 - Energy system analysis
 - Nuclear Safety and Security



THANK YOU

**LAERCIO VINHAS
Mission of Brazil
to IAEA and CTBTO**

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