



NATIONAL ENERGY SERVICES ACCESS REFERENCE PROGRAMME OF NIGER (PRASE)

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CONTEXT OF PRASE

✦ GLOBAL LEVEL

- The millenium development summit held from 6 to 8 of september 2000 at United Nations Headquarter in New York.
- Height objectives have been defined including big humanitarian challenges :
 - 1. Reducing extreme poverty and hungry
 - 2. Assuring primary education for all

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COUNTRY LOCATION

Niger Republic is a land locked country situated in the western part of Africa. The mass area of Niger is 1,267,000 Km² and its population reached 15 millions people in 2012.

Climate: the weather is hot and the 2/3 of the country is constituted by desert.

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GLOBAL LEVEL

- 3. Promoting gender equality and women autonomy
- 4. Reducing children mortality
- 5. Improving mother health
- 6. Fighting HIV/AIDS, Malaria and other diseases
- 7 Protecting environment
- 8. Settling up a worldwide development partnership

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SUB REGIONAL LEVEL

- From adoption of white paper on 12th of january 2006 in Niamey : ECOWAS and MEWASU members have recognised that Millienium Development Goal (MDG) cannot be achieved around 2015 without modern energy access for at least the half of populations living in rural and peri urban areas.

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LOCAL LEVEL

- NIGER : Implementation of Accelerated Development Strategy for Poverty Reduction is registered under that strong willingness which is consisted to reduce poverty along its all dimensions

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LOCAL LEVEL (Continue)

- NIGER : Government is committed to settle up a Reference Programme at national level in order to boost energy access services for rural populations. That is National Energy Access Reference Programme (PRASE).

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OBJECTIVE OF PRASE

- The global objective of PRASE is consisted to contribute to poverty reduction and MDG achievement through improvement of populations energy services access, particularly for those who are living in rural areas under sustainable perspective

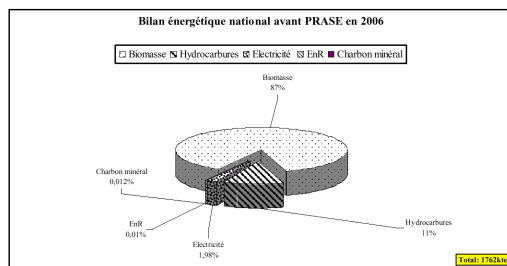
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ENERGY SITUATION BEFORE PRASE

- Final energy consumption was 1,530 ktep in 2000 and reached 1,762 ktep in 2006, equivalent to 0.14 tep/inhabitant. It is subdivided by energy type as follows :

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ENERGY SITUATION BEFORE PRASE



Source : SIE-Niger, rapport 2007

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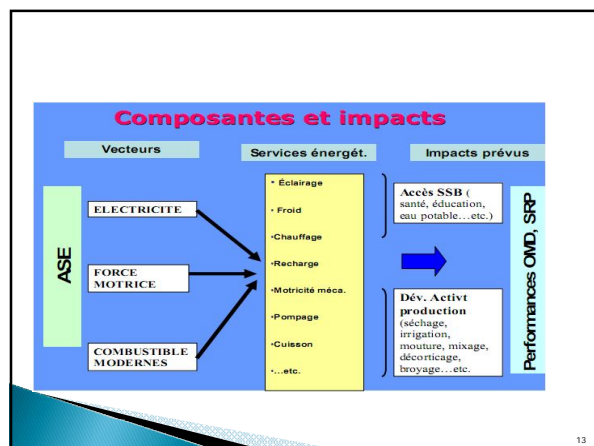
COMPONENTS OF PRASE

- PRASE is constituted of 4 components including 3 related to technical aspects presented as below:
- Electricity,
- Motive force ,
- Modern cooking fuels ,

And then the component « Capacity building and institutional development ».

Technical components and their expected impacts could be drafted as follows :

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PRASE ACTIVITIES

- ▶ PRASE will contribute to equip the following infrastructures :
 - 951 health centers, which implies to multiply by three the global efficiency of those centers (MDG 4,5,6)
 - 3, 259 schools which will double attendance possibilities, hence the increase of education quality (MDG 2 and 3 + parity boys and girls);
 - 829 supplementary modern water points which will permit to reach the objective of potable water access (GDM 7)
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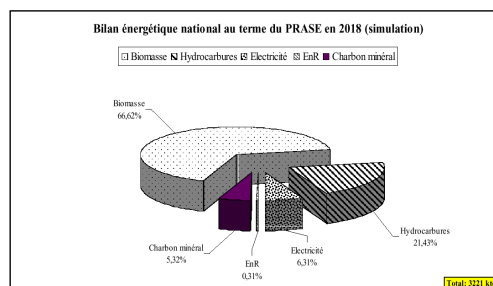
- 13, 000 ha to be irrigated for increasing of agricultural production and food security (MDG1);
 - 1, 779 community infrastructures units, which will imply improvement of communities living conditions, hence local administrations efficiency
 - 7,121 rural economic activities units, which strengthen local economy (MDG1)
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- 1,282 local communities will be equipped with multifunctional platforms (MD G1)
 - 2,384 local communities will be electrified, so that 73,000 households will be acceded to basic electricity service (MDG 1);
 - 5,839 rural activities, contributing to boost local economy (MD G1);
 - 435,120 households will accede to modern cooking stoves.
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PRASE EXPECTED RESULTS

- ▶ PRASE will allow to at least 40% of rural populations, the access in modern energy services
 - ▶ PRASE will be involved as stakeholder :
 - 213 Local rural communities / 266 local communities in Niger,
 - Almost 10 millions people, equivalent to 2/3 of populations around 2018
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ENERGY SITUATION AFTER PRASE



IMPLEMENTATION PROGRAMME STRATEGIES

- Implementation strategies are based on:
- Innovative, decentralised public private partnership within a defined space so called energetic territory.
- Intersectorial synergies development supported by strategic partnerships with SDRP and National Multisectorial Energy Committee
- Incentive financing strategy for investment in rural areas to promote energy access.
- Mobilisation and participation of actors and other PRASE stakeholders at local and national level.

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FINANCING STRATEGY OF PRASE

- Financing mechanism of PRASE is based on the National Agency for Territorial local Communities Financing (ANFICT) .
- Within that Agency, PRASE have taken provision to create a Fund called FASEM (Modern Energy Access Services Facility)
- In addition to traditional ressources from ANFICT, other PRASE sources of financing are, Government of Niger, Private sectors and outside partners.

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COST INVESTMENTS OF PRASE

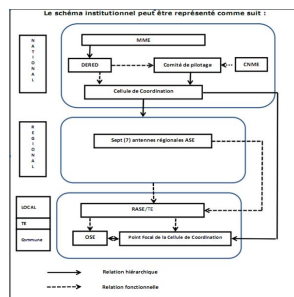
- Necessary costs investments for PRASE realisation are presented by step as below :
 - **Step1 : Development (2009-2012):** F CFA 44. 3 billi ons (68 millions d'euros)
 - **Phase 2 : Extension (2013-2018):** CFA 89.7 billions (137 million)
- Which gives for ten years, a total equivalent to : F CFA134 billions (205 millions d'euros).

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INSTITUTIONAL FRAMEWORK OF PRASE

- PRASE is consisted of : A steering multisectorial comtee involving public actors, private operators, local communities and partners working within a coordinating organisation called Coordination Cell. This team is composed of professionals, civil servants, elected people at local and national level and other experienced opérateurs already installed in the field.
- The Ministry of Energy and Petroleum will manage all technical aspects of PRASE while the Ministry of Finances is assuring financial concerns.

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PRASE APPLICATIONS

I.PILOT PROJECT OF SAFO :PASE

Energy Access Services Pilot Project for rural local Community of SAFO (PASE) is the first step under the implementation of the National Energy Access Reference Programme (PRASE).

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GLOBAL OBJECTIVES

- ▶ Reaching Millenium Development Goal (MDG) in 2015 within the area of local rural community of Safo (70 000 inhabitants)
- ▶ Contributing to economic and social growth and fighting against poverty.

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SPECIFIC OBJECTIVES

- ▶ Equipping sectorial infrastructures with modern energy appliances such as (mechanical pumping, electric lighting, conservation, cooking etc.) in order to extend to the whole population the access to social services such as (Health, education, potable water etc.), increasing production (agriculture, handcraft) and other services offer (commerce) and improving local houses confort .

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- ▶ Optimising energy system economically and environmentally (hence lower GHE) adapted to populations need and economic constraints by acting in two levels :
- ▶ 1. Choice of technological solutions based on energy efficiency , equipments liability and use of renewable energy.
- ▶ 2.Implementation of adapted institutional arrangement that permits to promote local and dynamic entrepreneurs profitably, ie delegated private operators, creating thereafter energy services market.

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MAIN ACTIVITIES

- ▶ 1. Creation of energetic territory axed on basic infrastructures related to five sectors listed as followed : social services and municipality activities, agriculture and revenue income activities, commerces and households ;
- ▶ 2. Identification and selection of delegated services opérateurs which is going to assure energy services supply.

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- ▶ 3. Constructing, comissioning and operating of infrastructures.
 - ▶ 4. Followig up delegated services operators in their activities consisting to to extend the market towards non targeted groups according to priority.
- Two other pilot projects related to motive force and GHE are ongoing: Plateform Multifonctional Project (PTFM) and GEF-PASE.

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CONCLUSION

PRASE have been approved by Government of Niger by decree N° 2010-004, january, 4, 2010. From the adoption of that decree , Niger Republic confirms its engagement in programme approach and offers a participating framework able to coordinate supports coming from technical and financial partners for promoting energy acces services in Niger.

In promoting RE and EE hence cleaner energy, PRASE is giving an appropriate response to climate change concerns.

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▶ THANK YOUR FOR YOUR ATTENTION