



Project « Kaolack Green City »: combating the curse of salt and improving the urban dwellers welfare

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CONTEXT

- The 2030 Agenda for Sustainable Development (Goal 11).
- Senegal Emerging Plan (PSE in french) which is 65% compatible with the SDGs.
- Area of the municipality about 14,514 ha of which a wide part is salty and floodable lands called "tannes".
- Difficulties to have sustainable buildings and vegetation due to salinity high level.



CONTEXT

- A company called “Société Nouvelle des Salins du Sine Saloum” installed since 1914 operates the salt marshes in currently 1,200 ha. This society produces 300,000 tons per year and employs 130 permanent, 40 to 50 seasonal and 200 daily workers from February to June.
- In 2018, Ndiafate commune, contiguous to Kaolack, granted it 254 ha for its extension.



CONTEXT

- In 2017, the salt trade generated a turnover of 1.254 billion CFA in Kaolack. (PADESS, 2018).
- The main purpose of the “Kaolack Green City” project is to preserve the sources of income withdrawn from salt but also, to protect the urban setting which is already seriously threatened by salt.



THE “KAOLACK GREEN CITY” PROJECT

- The “Kaolack Green City” project, which started in 2016, was to last 3 years in its test phase before being scaled up.
- Thus the downtown is mainly concerned with neighborhoods like *Leona*, *Kasnack*, and all the wards that are located along the National Road N°1.
- The Kaolack municipality has a total of 45 districts in which the project must intervene in the extension phase.



THE PROJECT GOALS

Overall project objective is:

- to improve the environmental framework and food security for youth and women through reforestation and landscaping.

Specific objectives are :

- to realize 12 km linear reforestation along the roads of each district with an annual achievement of 4 km;
- to plant fruit trees in houses and contribute to food security;
- to promote the adaptation of populations to climate change by raising awareness.



PROJECT ACHIEVEMENTS

The use of the peanut shell allowed:

- The planting of *Medina Baye* praying area;
- The planting of Kaolack Central Market;
- The coconut trees plantation in front of Kaolack City Hall;
- The reforestation of El Hadji Ibrahima Niass Regional Hospital gate;
- The greening of *Dialègne*-East district with the association "And Defar Dialègne".



PROJECT ACHIEVEMENTS

The meetings, exchanges and focus discussions resulted in:

- Awareness of the *Darou Salam Diamaguene* youth;
- Awareness during the "WATT IF" film projection in Kaolack held on november 2nd, 2018 in partnership with Make Sense ;
- Student outreach at Kaolack Virtual University;
- Sensitization of the 2018 promotion of student teachers (300) in The Teaching Staff 's Regional Training Center ;
- The setting up of a framework for reflection during the "Domou Saloum " workshop.



PROJECT CONSTRAINTS

- Overall budget of the project: **222,400,000 CFAF (339,046.32 euros) 2019-2023;**
- Test phase budget: **14,760,000 CFAF (22,501.46 euros) 2016-2018;**
- These budgets haven't yet been recovered. Kaolack municipality is the main sponsor but its resources are very limited .
- The regional waters and Forests office is the technical partner.
- All the activities carried out so far, are realized thanks to the support of good will.



IMPACTS

- To combat climate change through carbon sequestration;
- To jugulate salinity in the municipality area by biological control;
- To purify the air with trees leaves;
- To improve women and young people's health and well-being;
- To pursue salt exploitation while preserving the environment.



PROSPECTS

- The “Kaolack green city” project in its scaling up will cover **45 neighborhoods** with **108,000 plants** including **40% fruit trees**.
- This project, combined with the 12 km stormwater evacuation network that concerns thirteen (13) districts and the 14 km of wastewater drainage for Medina Baye district, Kaolack commune will contribute significantly to achieve the SDG 11 by 2030.



CONCLUSION

- The “Kaolack Green City” project has received the support of the population through sensitization campaigns.
- The main goal of this presentation is to look for **partners** who can help raise fund to achieve this great initiative.
- In addition, this project could be **replicated** in other African cities facing the problem of water and soil salinization.



**World Forum on
Urban Forests**
Mantova 2018

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**Thank you for your
attention**