

RESEDA INNOVATIVE TECHNOLOGIES IN NIGER: PAVING STONES PRODUCTION RECYCLING PLASTIC BAGS

One of the innovations of great success [RESEDA](#) group has created and promoted in Niger is the transformation of plastic bags to produce highly resistant sett stones, which are used to pave roads.

In Niger, discarded plastic bags are commonly found both around cities and in the countryside. The solution found by RESEDA for this problem allows cleaning the territory of the trash, to create job opportunities for the local population and generate a product of extensive use and impact. The technological process includes the fusion of the collected bags, adding sand, and then the mass is poured into a specially designed mould. 45 minutes are enough to dry the dough into the mould and the stones are ready to be used in paving.

To learn more about the production process, please visit [RESEDA website](#) and watch the videos.

RESEDA is a group of companies, associations and NGOs working since 1985 in various development initiatives in Niger to improve the quality of life, income and create new jobs.

RESEDA particularly emphasizes improving technologies used by the population for their production activities and management of environmental resources, with an approach that values the specific culture of local communities and the important role of women. With this approach and through its specific activities, it has managed to create a significant catalogue of innovative technologies in different sectors such as water management, transport, processing and storage of products of agricultural and pastoral activities, the use of renewable energies in productive and environmental activities.

The innovations of the RESEDA catalogue are interesting because of the method used for its creation, as a response to specific development needs, and also for its possible use in other contexts. The paving stones production technology recycling plastic bags, for example, is already used in other countries in the region.

To know more

[RESEDA document about the paving stones production](#)

[Article in Reportersdesespoires](#)

[Article in Imagination people](#)

[Article in Maxicours.com](#)

[Article in Inter Press Services IPS](#)

[Video in Muvmedia](#)





[Video in Daylimotion.com](https://www.daylimotion.com)

[Technologies of RESEDA](#)

[Manual on renewable energies *Terre Solidali*](#)

