

ID 19609

## Offer Innovations, developments and ideas

### **Bonding technique for building materials**

The concept follows a completely new approach to the implementation of a new method of permanently bonding organic and inorganic particles with a cement-lime-free technique to produce building materials from residues (e.g., plant residues or stone particles).

The developers have developed a process for the production of a binder as well as glue which can completely dispense with cement and / or lime and has the same characteristic values ??as from the known binder techniques. For this purpose, a historical formulation based on other inorganic substances was modified and supplemented by biologically based polymers. This new development shows a significant adhesive / bonding adhesion of such strength that new building materials such as stone slabs or casting compounds can now be produced from biological and structural residues. The further innovation is that the raw materials for the new binder / glue variety are available everywhere as a raw material at a reasonable price. The cured product variants on the basis of organic raw materials show properties from non-flammable to non-flammable and thus show an enormous market potential.

Scientific documentation of the entire spectrum of effects due to differentiated formulations. Developers and the scientific support are looking for partners to establish the concept and the resulting products as well as technologies patentable. The sum of the capital to be procured is EUR 1 000 000.

This money serves to initiate the results from the individual tests in an approval procedure for building materials and to develop the procedures for the large-scale use of the concept.

#### Innovations

Region 94, Switzerland

Entry on behalf

More informations and contact

[www.biz-trade.eu/ma-19609.htm](http://www.biz-trade.eu/ma-19609.htm)