



FORM PER PROGETTI BANDO DOTTORATO

1. Project title

The manufacturing of medieval glass in Liguria: raw materials, recipes, know-how.

2. Proposer

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4. Key words
(Max. 5 – at least 2)

medieval glass, multi-analytical approach, geological resources, historical manufacturing, geo-anthropology

5. Abstract
(Max. 1.500 characters with spaces)

Ligurian glassmaking had a strategic importance in the economic reality of "medieval Europe". The need to implement the cultural recovery of this manufacture and its production chain in all its aspects is therefore important. In addition to organising the information already known today, it is necessary to focus on the unresolved questions and missing data related to this activity. Archaeological excavations in this area have yielded an interesting association of glass production and processing indicators. The finds are elements of fire structures, sometimes with glazing to correlate with diversified production, crucible fragments, and production/processing waste.

Ligurian production has been studied mainly through archival sources. The availability of archaeological finds (production indicators) from important production sites in Liguria offers the opportunity to apply investigative methods and interpretative models proper to Earth Sciences to approach the reconstruction of this pre-industrial economic system. The investigation methodology will combine non-invasive, micro-invasive laboratory analytical approaches and surveys of the field. Recipes and practices reported in technical manuals will be verified by laboratory testing. Great attention will also be paid to policies and trade routes related to raw materials (trade, supply).