

**Call for application for research scholarships
for post-graduate international candidates**

RESEARCH PROJECT N. 63

Title

**MINIMUM ENVIRONMENTAL CRITERIA FOR SUSTAINABLE PROCUREMENTS
ASSESSING ECONOMIC AND PROCEDURAL ISSUES OF A "GREEN VISION" FOR PUBLIC WORKS,
SUPPLY AND SERVICES**

Scientific responsible (name, surname, role)

Manuela Rebaudengo, Aggregate Professor DIST (manuela.rebaudengo@polito.it)

Short description of the research activity (max 250 words)

After the adoption of Law no. 221/2015 and the new Code on Public Contracts, Italy has become the first European Country that forced the contracting authorities to apply environmental minimum requirements in construction. According to European GPP, the National Plan has identified, as a priority, the efficiency and saving of resources, especially energy, and the reduction of waste produced. To achieve these objectives, EU identified a set of minimum environmental criteria to be respected in PA purchases.

The proposed research will investigate the national situation, assessing its impacts in technical, economic and procedural terms, making a "virtual environmental balance". First investigations will involve different stakeholders (contracting authorities, professionals, constructors, ...), with the aim of improving and/or strengthening the regulatory measures implemented to date.

Different European contexts (where GPP is still of a voluntary nature) will then be compared in order to identify:

- good procedural practice, by highlighting sets of CAM selection criteria in calls for tender, classifying them by type of work and intervention, indicators and methods for their evaluation;
- good production process practices, by highlighting new technologies or experimental techniques that allow the selling of building products made entirely or partly from second raw material;
- good practices of results, comparing for example the market liveliness or the greater/lesser availability of CAM products also in relation to quantity and type of waste produced.

Some international scientific publications and a concluding workshop are planned, organized in collaboration with professional associations, to present the results of the research, promoting the dissemination of good practices among professionals.

Specific requirements (experiences, skills)

Experiences:

Candidates shall preferably have experiences, including professional ones, concerning estimated intervention costs, use of lists for price formation, market surveys, building design. These experiences can also be boasted at the operational level during the university studies, possibly deepened in dissertation on constructions sector issues.

Preferable Skills:

Public Procurement (European or national regulation, not necessary Italian regulation)
Green Public Procurement
Costs Assessment

Website of the research group (if any)

Keywords (min 3, max 6)

Minimum Environmental Criteria

Green Public Procurement

Virtual Environmental Balance

Impacts Evaluation

Dissemination of good practices

Research Area (max 1)

Architecture