

July 2010

AIAT Fund
“Environmentally Friendly International Cooperation”
Call for proposals
5th Edition

AIAT advises the application to “Special fund for International Cooperation - edition 2010”, with an amount of 750 euro to be assigned to the best project carried out in developing countries aiming to the environmental protection and the sustainable use of natural resources.

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WHO WE ARE

AIAT - Association of Environmental and Planning Engineers, is a no-profit organisation established in 1999 to gather graduated and students in Environmental Engineering at the Politecnico di Milano. AIAT's main objective has always been the promotion of the role of the environmental engineer, a professional capable of tackling complex Environment-related issues in an integrated way.

In recent years AIAT has seen a rapid growth of its members as well as an increasingly and appreciated interaction with companies operating on environmental protection sector. AIAT offers to its members many services such as the participation in many thematic exhibitions, conferences and congresses, the technical support of a Scientific Committee and a multi-field web site to interact with experts and members of association. The debut of AIAT in Europe through membership in EFAEP (the European Federation of Associations of Professionals for the Environment), the design and coordination of projects in order to promote the energy saving and the education to sustainable development: AIAT has grown a lot from its beginning and continues to grow more and more.

During its ten years life, the association AIAT has seen the creation in Italy of other mirror associations. On the base of the same purposes and the same visions in acting for the promotion of Environmental engineers, AIAT has promoted and coordinated those associations through several activities, sharing experiences and capabilities in implementation of the common purposes.

During the 2008 it has begun a common roadmap in creating a unified and national based organization of AIAT. The unification process is still going on. The final goal of such as route is that to allow to all Italian environmental engineers to become member of AIAT.

The purposes of AIAT Association are following:

- to promote initiatives and to establish relations allowing the cultural growth of own members through environmental and territory analysis and development issues;
- to undertake contacts with similar European and Intercontinental associations in order to exchange technical experiences;
- to promote and to increase the value of the Environmental Engineers skills;
- to hold contacts with the job market and to link the University to the private and public companies in order to offer to them new graduate environmental professionals;
- to promote debates, conference and study groups in order to support the exchange of ideas and experiences between our members;
- to establish collaborations and technical comparisons with Universities, Associations and private Stakeholders interested in planning, in protection, in management and in scientific research in order to improve the quality of the environment and the territory;

WHAT WE DO

Our Association promotes the professional skills of the Engineers for the Environment and the Territory, at private companies and at Public Administrations especially when problems connected to the environmental protection and to the management of the territory have become of primary relevance, of high complexity and of difficult solution.

To our members we offer the following services:

- Mailing list with a moderator to increase the meeting points between supplies and demands of job and to encourage the sharing of technical information among engineers;
- Login reserved area where technical and detailed information are stored and available for download;
- Newsletter sent to all members reporting AIAT activities as well as the most updated and interesting news on environmental issues;
- Through EFAEP network, monthly updating about the environmental laws in Italy and in Europe;
- Special discount for technical magazines, agreement with many enterprises dedicated to members;
- Participation to national and international technical working groups;
- ENEP web platform for the sharing and promotion of professionals Curriculum vitae;
- Organization of exhibitions , conferences and seminars in Italy;
- Participation to guided site visits at useful locations for the profession of engineer A&T.

In addition, the technical structure of AIAT is supported by several Scientific Committees for relevant technical issues. Moreover AIAT is the scientific partner of the magazine "INQUINAMENTO" .

The numbers of AIAT at today:

- it collects approximately 1000 Ordinary Members and 30 Business Members, all of them it connected through an efficient mailing-list service;
- quarterly newsletter distributed via email or in paper version to approximately 1000 external contacts (among local university, agencies, Public Administration, companies and professionals, etc);
- AIAT owns an internet web site with an average of approximately 9000 visits a month and with more than 380 links connected to the thematic issues through the "CercaAmbiente" search engine;
- AIAT suggest more than 100 job opportunities a year to its ordinary members;
- it has collected many attendances to national and international exhibitions (Tau Expo, Recycle, SEP Pollution, Ecomondo, Pollutec, Energethica).

The capabilities of Engineer for the Environmental and Territory protection

The master degree in Environmental Engineering was born in Italy in 1992, to give a concrete answer to requirements coming from job market for a new professional figure who should be talented of multi subjects preparation.

Today , the so-called "environmental engineer" is a technician able to analyze and resolve, through a multidisciplinary preparation, environmental and territory planning issues.

The environmental engineer skills cover various sectors, some of those listed as following:

Technologies for the rehabilitation and the prevention of the pollution

- Depollution and reclamation
- Management and treatment of solid waste
- Treatment of wastewaters and of air pollution
- sustainable use of energy and production of renewable energies

Consulting service

- Environmental Standards and Quality Management Standards (**ISO 14001, EMAS, etc**)
- Environmental and Sustainability reports and Environmental-Quality Certification
- Life Cycle Assessment (LCA) and Environmental Accounting

Planning and Management of territory and of natural resources

- Analysis of transport systems
- Agenda 21
- Report on of the Environment
- Analysis and management of the use of natural resources
- Environmental Impact Assessment (VIA) and Strategic Environmental Assessment (VAS)

Defense of the soil - ground and prevention of natural risks

- Earthquakes and hydrogeologic Risk Assessment
- Forecast and simulation of hydrology phenomena
- geotechnical, hydraulic and coastal areas infrastructures design

Environmental monitoring

DESCRIPTION OF BID

AIAT, in 2006 established the "Special Fund for International Cooperation - Amica dell'Ambiente" to be assigned by valuation of projects received after public invitation.

Information relating to projects and winners of past editions can be found on the website of AIAT at <http://www.ingegneriambientali.it/web/cooperazione>.

For the 2010 AIAT confirms its commitment, publishing the 5th edition of the bidding for the Special Fund. At this time, the fund consists of € **750** to devolve as a contribution to a non-profit organizations to be applied to a project concerning environmental protection and /or sustainable use of natural resources in developing countries.

Participants

ONLUS Associations, Italian or foreign, developing and/or implement international cooperation projects with the aim matching to the bid advisement objective are admitted to the bidding.

Projects are also accepted from mixed consortium of organizations (e.g. associations, government agencies, research institutes and so on) on condition that the leader of the consortium has the requirements above described.

Projects admitted for the invitation

Submitted projects must related primarily on the following topics, expect for the contents containing surplus of other subjects (technical, economic, social, educational, ect):

- development and promotion of renewable sources for energy production;
- sustainable use of the natural resources;
- promotion of depollution mechanisms;
- promotion of innovative technologies for waste disposal;
- restoration and design of water networks and wastewater treatment infrastructures;
- protection from hydrological collapses and territory defending;
- Reclamation of the ground and soil;
- water sanitation;
- urban planning.

Selection Criteria

All applications to the call will be examined by an internal committee composed by advisors and members of the AIAT Association.

Only applications fitting to all documentations listed under "Conditions for Participation" will be considered.

The winner will be selected through a valuation of the specific topic introduced by the project and by the examination of technical subjects implemented above the development of project, specifically regarding environmental engineering fields.

Special consideration will be given to the projects implemented with a detailed actions plan which has the final aim to contribute the increasing of culture and social awareness of the local populations. Moreover, projects which are able to open an future involvement of AIAT members to the technical support for the finalization of those tasks will be good evaluated.

The special fund will be allocated with the unchallengeable discretion of the internal examination Committee.

Modality of participation

The interested participants should send their requirements within the **30th September 2010** via email to: cooperazione@ingegneriambientali.it attaching following documents :

- the sheet attached to the present bid must be full filled and sent back with the information of a contact person;
- a document reporting the introduction of the participating association and its statute purpose;
- a integral copy of the whole project documents allowing to AIAT a concrete assessment of the project details and its management;
- a declaration indicating clearly how the participant intend use the AIAT fund for the project activities.

Allocation of funding

The winner will be announced officially within the **18th October 2010**.

An advisement will be sent by email directly to the winner further than the publication on AIAT web site at www.ingegneriambientali.it within the **25th October 2010**.

The fund will be officially assigned during the conference to be held by AIAT at ECOMONDO 2010 exhibition in Rimini, Italy. For that time, the winner association should illustrate to AIAT and its members the awarded project and the purpose of assigned fund.

References

For more information about AIAT:

www.ingegneriambientali.it

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cooperazione@ingegneriambientali.it