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EduFootprint

School Low carbon footprint in Mediterranean cities

Newsletter #1
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Interreg
Mediterranean



Project co-financed by the European
Regional Development Fund

 **EduFootprint**



Welcome to EDUFOOTPRINT

EduFootprint is a 28-month Interreg MED modular (M2) project co-financed by the European Regional Development Fund. It intends to raise capacity of owner and managers of public buildings for better management of energy; it will be done considering not just direct energy impacts of buildings (consumption), but also indirect ones (public procurement or general awareness and behaviour). Starting on 1st November 2016, its activities will mainly focus on the test and transferability of an integrated energy strategy with a Life Cycle Assessment (LCA) approach in schools, consisting in the elaboration and implementation of energy efficient practices integrated with local Sustainable Energy Action Plans (SEAPS).

Transnational action is vital because the project will test the EduFootprint model in different MED countries and it will disseminate the innovative solutions involving public authorities and owners, private sectors and end-users in seven MED regions. The less experienced areas would have the opportunity of acting upon well-proven basis from the pre-existing know-how of other partners, and the model would be tested in countries with different ways of public buildings management.

The project will allow cutting energy costs for public buildings in MED area. The use of an approach that considers the school in its complete life cycle, assures a multiplying effect of actions, so a sustainable low-carbon citizen lifestyles and educational and cultural growth and promotion of eco-innovation solutions for various stakeholders (students, their families, teachers, public institutions, energy services providers).



Update on EDUFOOTPRINT project

EDUFOOTPRINT Kick-off meeting in Treviso

The launch of the EduFootprint project took place on the 30th of November and 1st of December 2016 at the headquarters of the Lead Partner (Province of Treviso) in Treviso. This meeting allowed the partners to better know each other and to discuss the main items related to the concrete start-up of the project management structure and procedures.

The meeting was also an occasion for sharing a more detailed planning of the technical work packages and communication activities. The consortium counted on the presence of a representative of the MEDNICE horizontal project leading the "Efficient Buildings" MED Community, who introduced the project and the community to all the partners and explained their mission and described the main collaboration activities foreseen and the expected mutual benefit for all the Efficient Buildings community members.





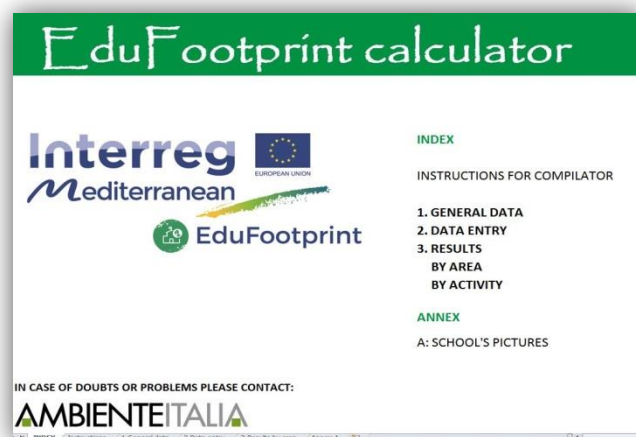
EduFootprint Calculator: the main tool of the project is ready

Ambiente Italia, partner of EduFootprint project, has developed a tool that allows calculating automatically the Environmental footprint of schools: EduFootprint Calculator.

The Calculator measures resource consumption and activities carried out in the school and converts this in the environmental impact due to the supply of resources and assimilation of waste generated. It may help owners and manager of schools to identify the main environmental impacts of everyday activities and encourage progress towards more sustainable practices. It considers not just direct consumptions of building (as for instance, energy or water) but also other activities that have impacts on the environment linked to the school, for instance Mobility (from home to school but also due to educational trips and travel excursions).

EduFootprint Calculator is an Excel file with different worksheets; the main one is Data Entry, which is filled in with the data collected from schools, divided in five groups:

- ▶ Building consumption (electric energy, thermal energy, water consumption)
- ▶ Product consumption (paper products, stationery products, toilet and cleaning products, equipment, chemical used in labs, gardening)
- ▶ Mobility (internal vehicles, home-school, travel excursions)
- ▶ Food (canteen, cafeteria, dispensing machines)
- ▶ End of life (wastes, wastewater)



These data allow generating, automatically, the impact of the school using the Life Cycle Assessment methodology, so, considering the full life cycle of educational activity, expressed as Environmental Footprint of the school.

The first version of the calculator was released, internally, at February, and all partners were trained on how to use it. During a period of six weeks tests were made to correct some bugs and to have the final definitive 00 version, that it's being used in the first phase of the project, working in pilot groups.

Next activities and events: how can you participate?

The following project activities are planned for the next 6 months:

- Collaborative work with selected schools in the different participating regions to calculate their environmental footprint and identify areas for improvement
- Networking with local/regional authorities in charge of public school/university buildings and energy managers
- Celebration of regional awareness workshops
- Networking within the Efficient Buildings MED Community
- Awareness raising activities



- Do you want to know more about the project?
- Do you think your school could be interested to know what its environmental footprint is?
- Are you a public body/administration interested and/or responsible for energy management and environmental issues in public buildings?
- Do you think a change is possible?

Contact us and join EduFootprint in Twitter (@EduFootprint)!



Efficient Buildings MED Community

For the 2014-2020 programming period, the Interreg MED Programme has adopted a new approach for project management that drives new orientation on project identities and on (expected) results rather than on processes or simple outputs.

In this context, MED thematic communities of projects have been created to enable an integrated approach to specific strategic thematic in the programme, favouring networking and synergies among the related funded projects, as well as an integrated communication approach focused on the programme's objectives.



Each modular project is part of a thematic community of projects running during the whole programme period and to which they will contribute. **EduFootprint** is one of the ten modular projects dealing with *energy efficiency in public buildings* that constitute the **Efficient Buildings** thematic community.

This thematic community is coordinated by the horizontal project MEDNICE (MED programme Networks for an Innovative Cooperation in Energy efficiency) and therefore it is umbrella to the following modular projects: EDUFOOTPRINT, TEESCHOOL, STEPPING, SISMA, SHERPA, PRIORITEE, NEW FINANCE, IMPULSE, ENERJ and CESBA MED.

MEDNICE Kick-off meeting



The Kick-off meeting of the MEDNICE horizontal project was held from 7th to 8th of March in Nice (France), where all modular projects associated to the Efficient Buildings MED community were invited.

The first part of the first day, the meeting was restricted to MEDNICE partners and the Interreg MED Joint Secretariat. Afterwards, all modular projects participating in the "Efficient Buildings" MED community gathered

and it constituted a meeting point and an excellent opportunity to set the basis for and start the collaboration among them. During the second day, representatives from SMEs, Businesses and lobbies had the opportunity to participate in the event, in search for further synergies with both the Horizontal and the Modular projects, contributing to the launch of the Efficient Buildings Thematic community.



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