



# MED Green Forum – III

## MED Green Student Awards



MEDITARRANEAN GREEN BUILDINGS & RENEWABLE ENERGY FORUM 2015  
26-28 August 2015, Florence, Italy



*MED Green Student Awards*



**26** Students of the Department of Architecture,  
Faculty of Engineering, Cairo University participated  
in the MED Green Student Awards

**3** groups won **3** Prizes at MED Green Forum



# MED Green Forum - III

The MED Green Student Award was announced in March as part of the MED Green Forum 2015 in Florence, Italy from 26-28 August 2015

**26-28 AUGUST 2015**  
UNIVERSITY OF FLORENCE  
DEPARTMENT OF ARCHITECTURE  
FLORENCE, ITALY

ORGANIZED BY:  
   
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# MED GREEN FORUM

MEDITERRANEAN GREEN BUILDINGS AND RENEWABLE ENERGY FORUM 2015

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# MED Green Forum - III



MEDITARRREAN GREEN BUILDINGS & RENEWABLE ENERGY FORUM 2015  
26-28 August 2015, Florence, Italy

Seven (7) posters were submitted to MED Green Student Awards Committee on June 14, 2015.

These posters represent 7 groups (30 students out of 54 students enrolled in Smart Building Information Systems course – SBIS (ARCN 303), an AET undergraduate course Level 3. This course was conducted in Spring Semester of the academic year 2014/ 2015

SBIS was prepared and delivered by Prof Dr Mohsen Aboulnaga and the Programme Coordinator is Prof Dr Shereen Wahba.

With support of TAs : Ahmed Adel, Mona Mostafa & Manar Abdelhamed. A special thanks to Mohamed Farid for his time in assisting students in graphic information.

This group project was part of ARCN303 and to support Design 6.



# *Med Green Students Awards*



26 - 28 August 2015, Florence, Italy

To participate in the Med Green Student Awards, Student should submit a Poster until the 15<sup>th</sup> of June 2015.

The Med Green Student Awards was inaugurated on the 26<sup>th</sup> of August 2015, while evaluated and judged on the 28<sup>th</sup> and was followed by the Award Ceremony.

There Awards: First Prize Euro 500; Second Prize Euro 250; Third Prize Euro 150.

The first 3 student's best posters work, will be awarded during the closing session of the 3<sup>rd</sup> Conference day.

# MED Green Forum - III

The MED Green Forum 2015 & MED Green Student Award were organised by the World Renewable Energy Congress and Network (WREC/WREN) in the UK and the Department of Architecture, University of Florence, Italy

  
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 26-28 AUGUST 2015  
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MEDITERRANEAN GREEN BUILDINGS AND RENEWABLE ENERGY FORUM 2015

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# MED Green Forum - III

MED Green Forum 2015 & MED Green Student Award was sponsored by the Italian Ministry of Foreign Affairs, Ministry of Economy & Italian Trade Agency, & ISESCO as well as Springer, Polytechnic University of Bucharest, and University of Bahrain & University of Florence



**26-28 AUGUST 2015**  
UNIVERSITY OF FLORENCE  
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FLORENCE, ITALY

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# MED GREEN FORUM

MEDITERRANEAN GREEN BUILDINGS AND RENEWABLE ENERGY FORUM 2015

# MED Green Forum - III

## MISSION

The first forum was held in 2010 in France followed by Morocco in 2012 and the third forum was held in Florence, Italy on 26-28 August 15.

The Forum highlighted the importance of growing renewable energy applications in 2 main sectors: Electricity Generation & the Sustainable Building Sector.

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# MED Green Forum - III



MEDITERRANEAN GREEN BUILDINGS & RENEWABLE ENERGY FORUM 2015  
26-28 August 2015, Florence, Italy

## Topics

1. Sustainable architecture.
2. Building construction management and environment.
3. Ventilation & air movement in buildings.
4. Renewable energies in building & cities.
5. Eco materials and technology.
6. Policy education & finance.
7. Sustainable transport.
8. Urban agriculture and soil less urban green.
9. All renewable energy topics.





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## MED Green Forum - III



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**Out of the 12 groups projects, 7 groups were selected and qualified to continuous for submitting their posters to the international Competition. Each group encompasses 4 or 5 students**

These 7 groups represented the Department of Architecture, Faculty of Engineering, Cairo University - Egypt.

They were competing internationally with other 12 Italian and Ecuadorian students' groups at the 4<sup>th</sup> year.





# MED Green Forum - III



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The posters were visible throughout the Conference in the courtyard of the Faculty of Architecture of the University of Florence building, where participants circulated during coffee and lunch breaks



# MED Green Student Award

The Jury committee (5 Judges) is formed by the Chairman  
of MED Green Forum

1. Prof Marc Sala, Vice Chair - MED Green Forum & Prof of Green Architecture, University of Florence, Florence, Italy.
2. Dr Bill Watts, GM - Max Fordham, London, U.K.
3. Prof. Fernando Recalde, Professor of Green Technologies, University of Florence, Florence, Italy.
4. Dr Ruxandra Crutescu, Spiru Haret, Faculty of Architecture, University of Bucharest, Romania
5. Prof Dr Fouad Al Ansari, Chair of the Dept of Architecture, University of Bahrain, Manama, Kingdom of Bahrain.



Chairman, MED Green Forum III



Chairman



Member



Member



Member



Member

# MED Green Student Award Entries



EricaFiumalbi Ph. @MedGreenForum Florence2015

# MED Green Student Award Entries



Erica Fiumalbi Ph @ MedGreenForum Florence 2015

# MED Green Student Award Entries



Erica Fiumalbi Ph. @MedGreenForum Florence 2015

# Some of MED Green Student Award Entries



Erica Fiumalbi Ph. @MedGreenForum Florence 2015



# MED Green Student Awards Entries

Egypt Entries

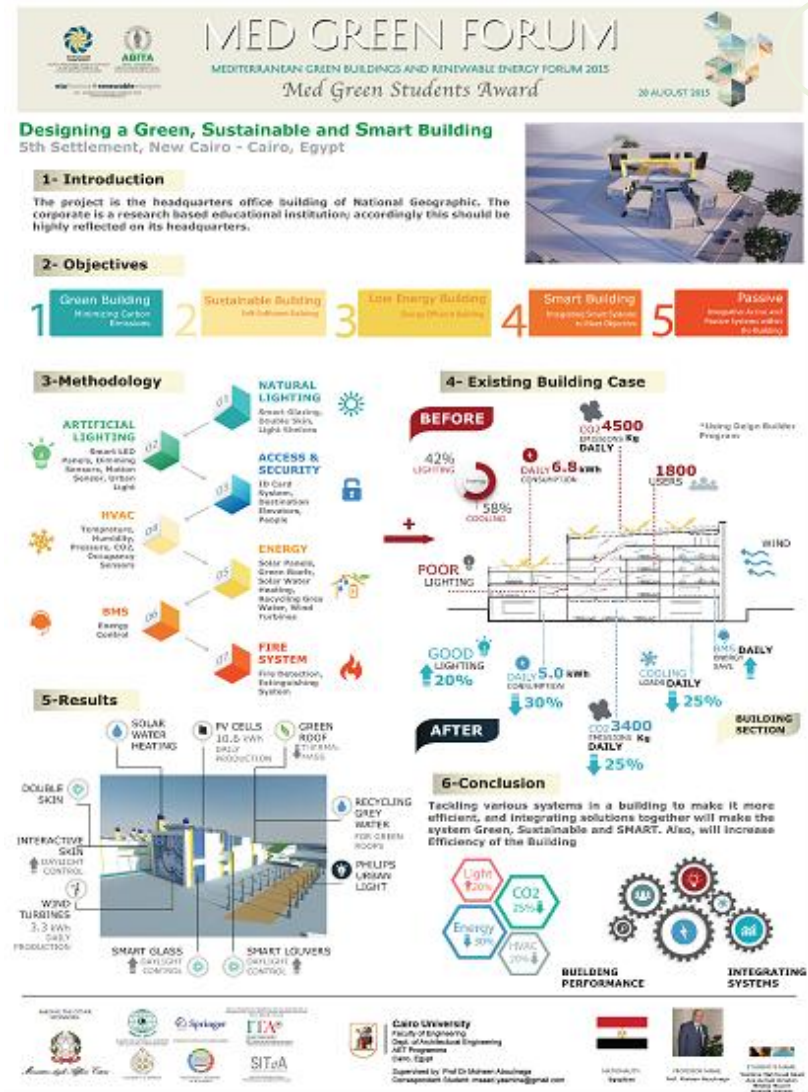
7 Posters of  
30 students

# MED Green Student Award

Two Posters representing new sustainable and smart design projects



1-7



2-7

Mohamed Gad, Asser Elkady, Sara Essam, Shereen n Al Garhy

Yasmine Saad, Aya Ayman, Mostafa Hisham, Mirette Mounir

# MED Green Student Award

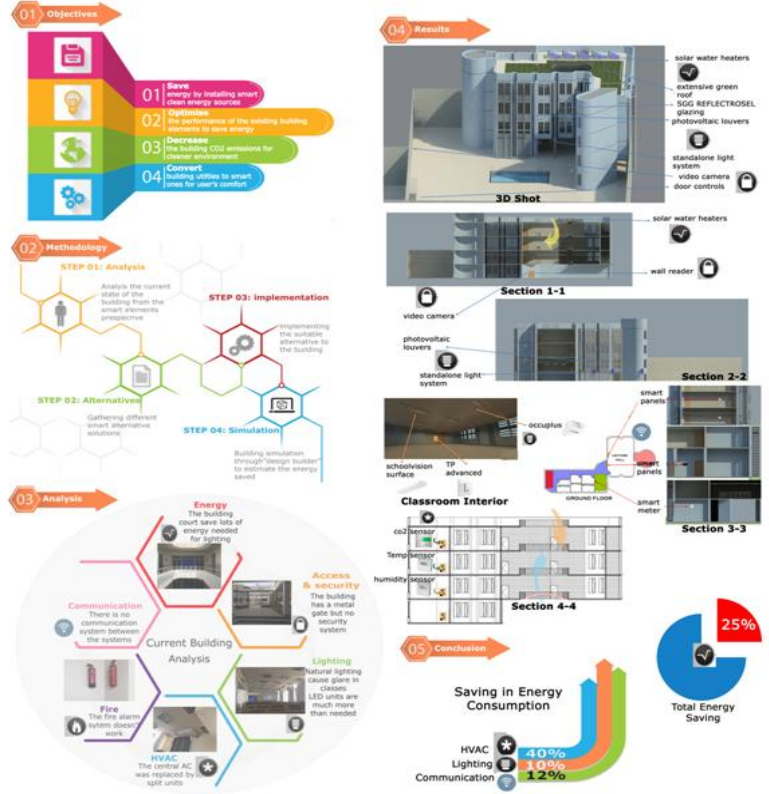
5 Posters representing Retrofitting of Existing Buildings to be sustainable & smart



3-7

## Retrofitting of an inefficient existing building to be a Sustainable, Green and SMART building

The Credit-Hour Building, Faculty of Engineering, Cairo University



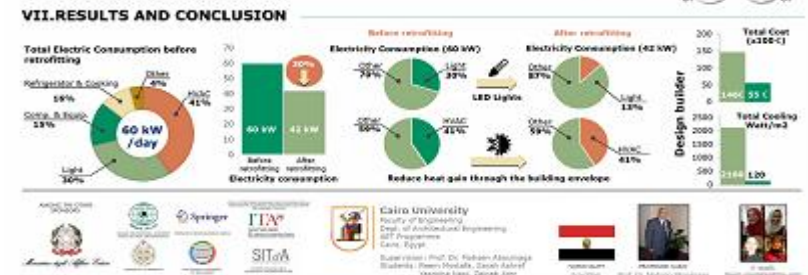
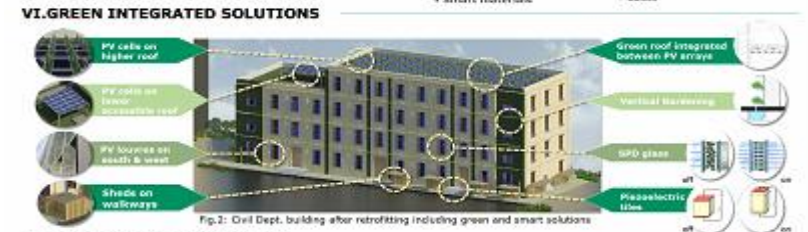
Heba Mansour, Nada Adel, Noura Adel, Radwa Wael



4-7

## Retrofitting of an Inefficient Existing Building to be a Sustainable, Green and Smart Building

CIVIL Department Building, Faculty of Engineering, Cairo University, Cairo, Egypt



Reem Mostafa, Sarah Ashraf, Yasmine Nasr, Zeinab Ame







# MED Green Forum - III



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On Friday, 28<sup>th</sup> of August, the sun shined on Egyptian students in  
Florence, Italy

The event is MED Green Students Award 2015

The venue is the Faculty of Architecture



# MED Green Student Awards

## The 3 winners Posters

1st  
Prize

2nd  
Prize

3rd  
Prize



Mohamed Gad, Asser Elkady, Sara Essam, Shereen n Al Garhy



Assem Shafik, Ahmed Hussein, Mohamed Sayed, Zeyad Seddik, Ahmed Sultan



Toqa Khalifa, Lydia Hossam, Norhan Mamdouh, Marina Adel, Nour El Moez



# MED Green Forum - III



## MED Green Student Awards

28 August 2015, Florence, Italy

*MED Green Student Award Ceremony*



Egyptian and Italian winners





# MED Green Forum - III



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# MED Green Forum - III



MEDITARRAN GREEN BUILDINGS & RENEWABLE ENERGY FORUM 2015

26-28 August 2015, Florence, Italy





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## *MED Green Student Award Ceremony*

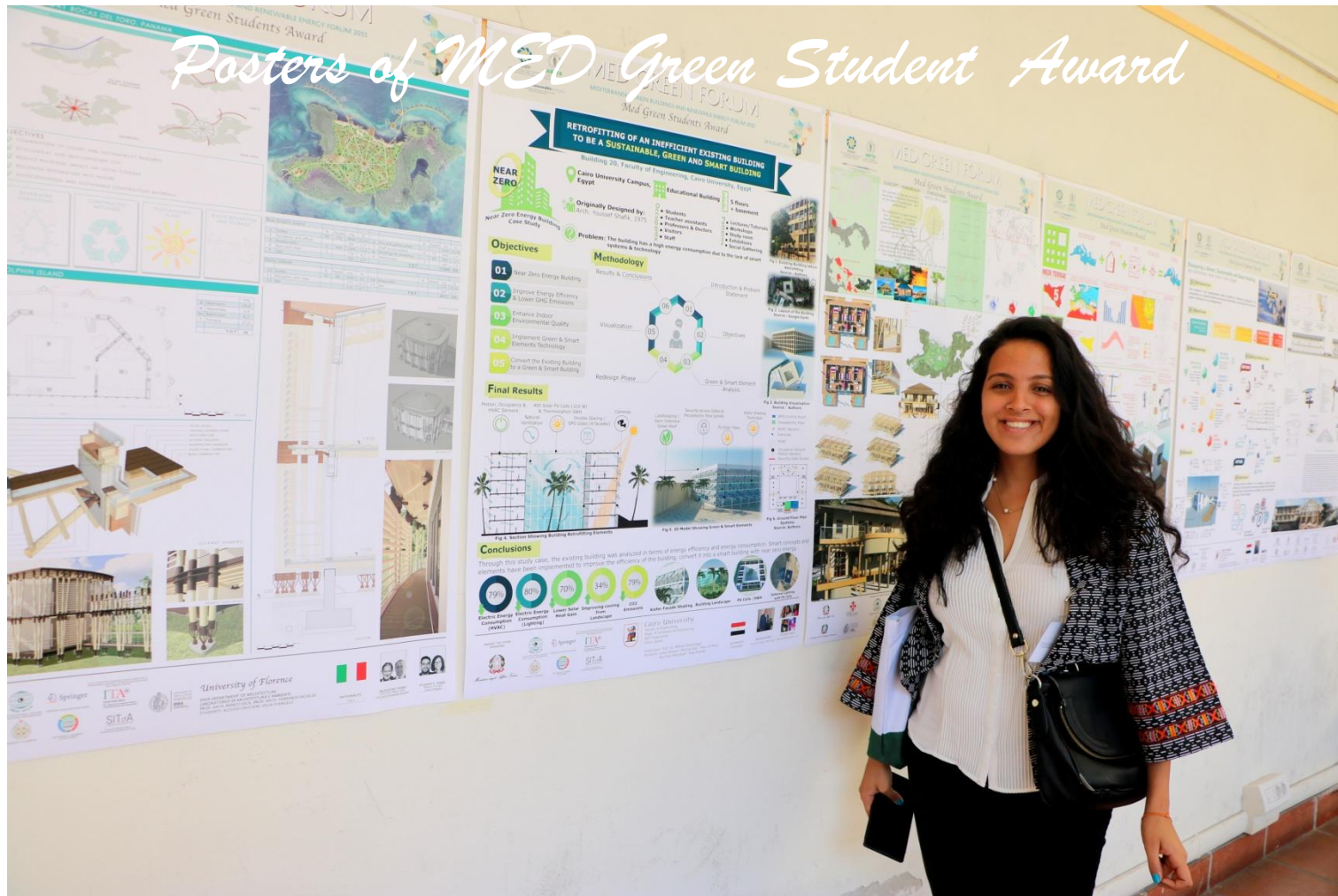


**Egyptian winners with Jury members and Groups Supervisor: Prof Mohsen Aboulnaga**



# MED Green Student Award

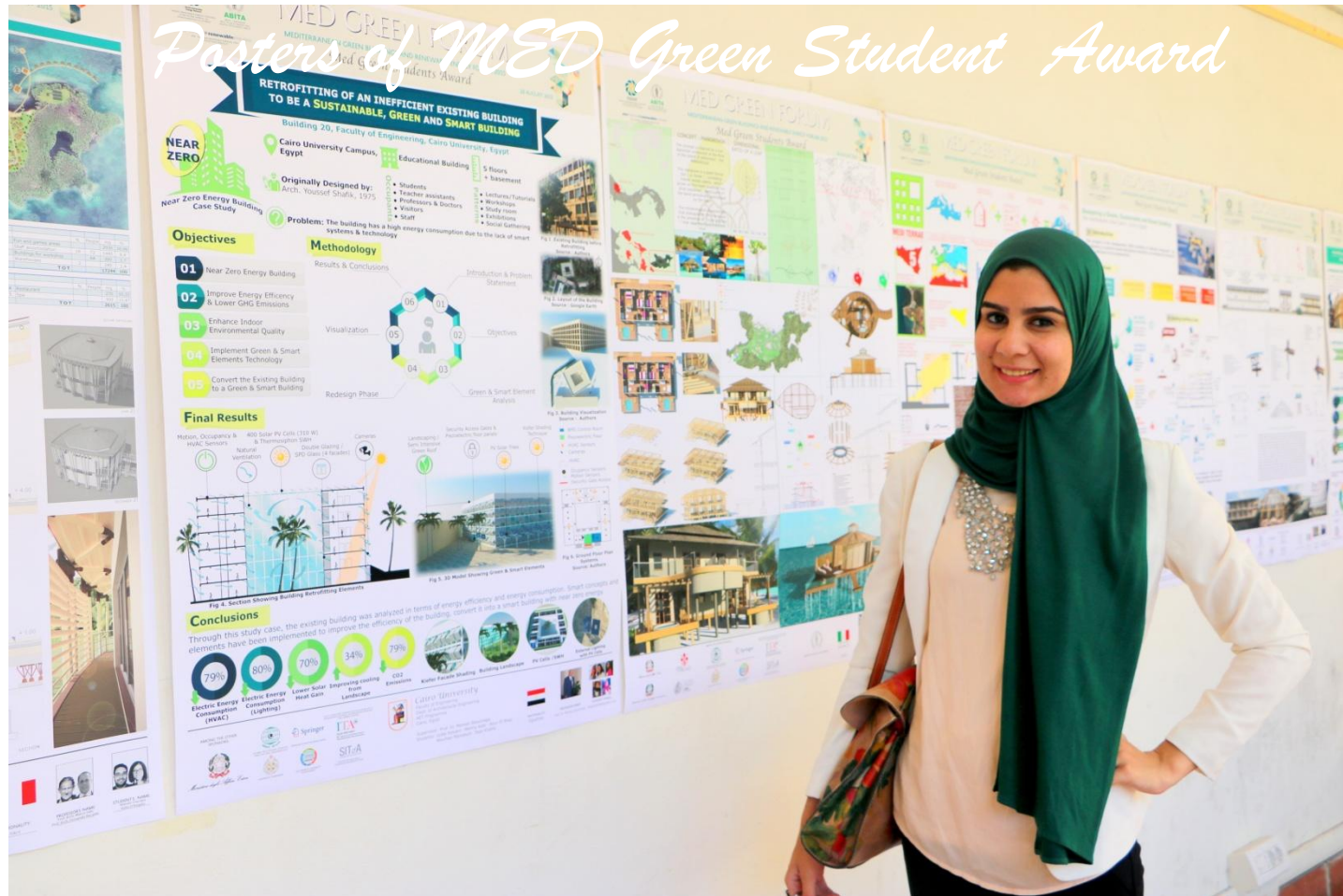
## MED Green Forum III





# MED Green Student Award

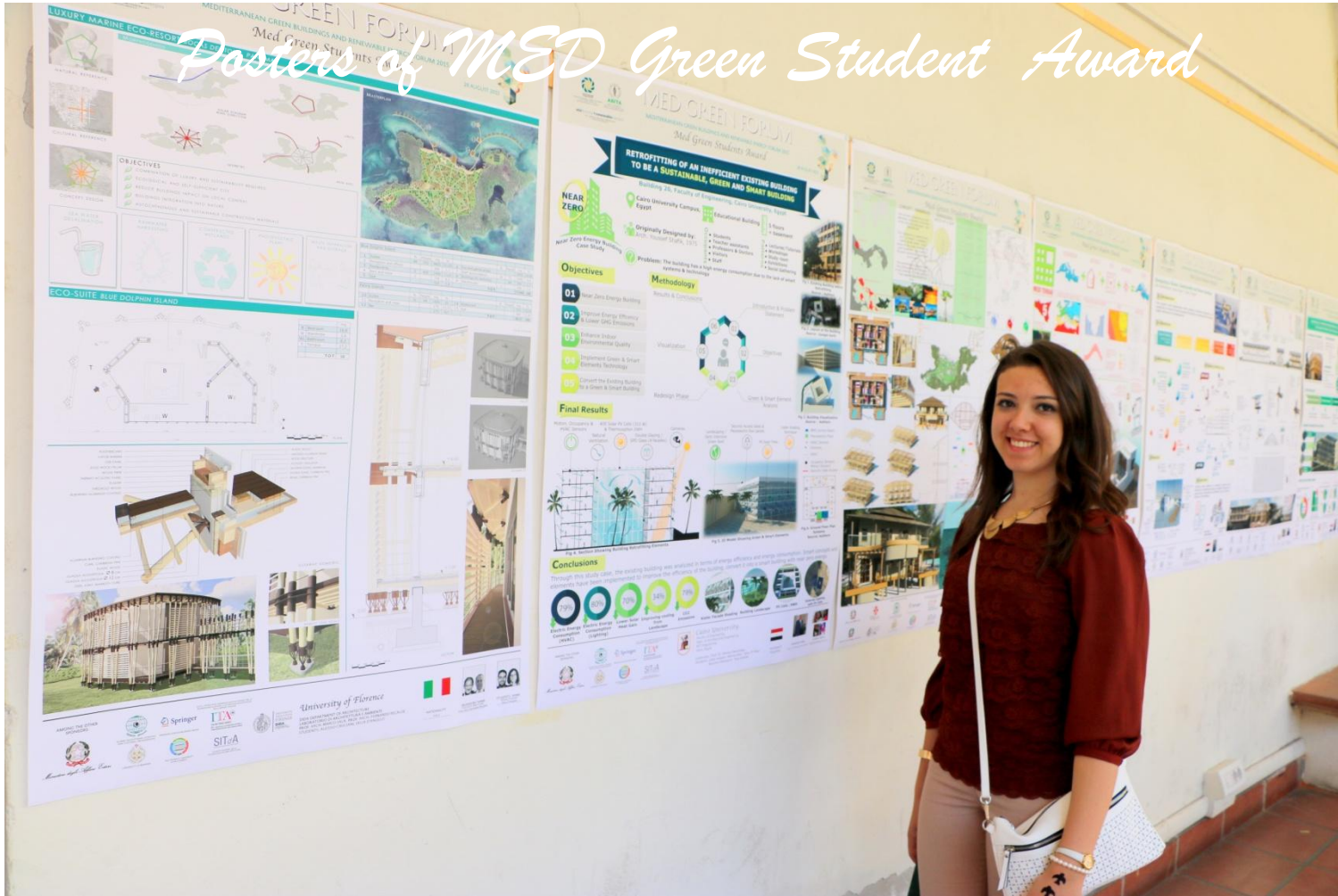
## MED Green Forum III





# MED Green Student Award

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# MED Green Student Award

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*Delegates at the Posters of MED Green Student Award*







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26-28 August 2015, Florence, Italy



Invited speaker:

Sustainability of Higher Educational Buildings; Retrofitting Measures to Enhance Energy Performance – the Case of AASTMT Business Management School Building

Presented on Thursday, 27<sup>th</sup> of Dec 2015 at 10.00 AM

Chaired a technical session on Tuesday, 26<sup>th</sup> of August 2015 from 4.00- 5.30 PM

MED Green Student Award, 28<sup>th</sup> of August 2015 at 6.00 PM

Keynote speaker from Germany at the opening



Presenting my paper



Speech of a Minister from Equator



Erica Rinaldi | Ph @ MedGreenForum Florence2015



The Forum official opening



Winners of MED green Student's Award Ceremony



Chairing a technical session



## MED Green Forum - III



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### In conclusion:

- It was a great opportunity to expose these students to the International arena and give them the chance to show case their excellent work and projects. An encounter that is highly appreciated be everyone, e.g., organisers, jurors, Professors, international delegates and Italian students as well as our students.
- The learnt lessons are many, e.g., nothing is impossible if students worked hard and tried to capture seemingly the opportunities around them, and also they can make it and be recognised internationally and get there.



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I sincerely thank **all students** for making such great efforts to conclude these posters and participate in this important international competition and forum in Italy.

Thanks to **Dr Sherein Wahba** for her endless coordination and support of this trip.

A special thanks to **Dr Ali Gabr** for his approval, support and encouragement . A heartfelt appreciation to **Prof Sherif Murad**, Dean of Engineering for his full support and immediate approval, beside providing full funding for two students (Reem Mustafa & Assem Shafik, the heights GPA).



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*Celebration of the MED Green  
Students Award Winners at The Italian  
Embassy in Cairo – Italian Cultural  
centre Zamalek-Cairo, Egypt*



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Group photo: all students participated in the MED Green Forum III 2015, HE Dr Paolo Sabbatini - Director of Italian Cultural Institute and Cultural Counsellor of Italian Embassy in Egypt, Prof Shrief Murad - Dean of Engineering, Cairo University, Prof Mohsen Abounaga, Prof Dr Sherine Wahba - Coordinator of ATE programme, as well as professors and guests



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Left to right: Prof Mohsen Aboulnaga, HE Dr Paolo Sabattini - Director of Italian Cultural Institute and Cultural Counsellor of the Italian Embassy in Egypt, Dr Sherine Wahba - Coordinator of ATE programme, Student Mohamed Gad, Prof Shrief Murad, Dean of Engineering, Cairo University



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*Thank you for your  
valuable time*