

**EAMC**  
*History*  
*Results*  
*Prospective*  
*development*

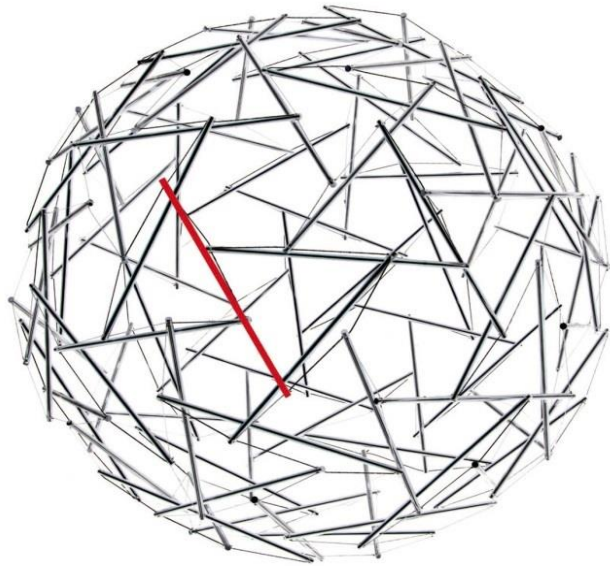
**Engineering Association  
of Mediterranean Counties**

*Ing. Nicola Monda*  
**GENERAL SECRETARY**

*international member of*



World Federation of Engineering Organizations  
Fédération Mondiale des Organisations d'Ingénieurs



1<sup>ST</sup> CONFERENCE  
OF THE **MEDITERRANEAN ENGINEERS**  
COOPERATION RESEARCH DEVELOPMENT

Lecce, Italy  
May 8, 2014



CONSIGLIO NAZIONALE  
DEGLI **INGEGNERI**



## **Model**

Cultural meeting of international value  
with the participation of

**15 National Organizations and Associations**

**8 International Associations**

## **Objectives**

Analyze **mutual knowledge**

Recognize **common interests**

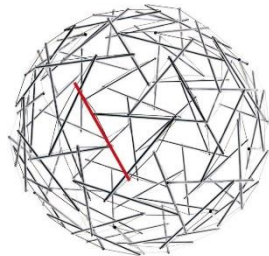
Scout opportunities for **economic and job development**

**of Mediterranean Countries**

# Participants

World Federation of Engineering Organisations (**WFEO**)  
Parliamentary Assembly of the Mediterranean (**PAM**)  
Réseau Méditerranéen des Ecoles d'Ingénieurs (**RMEI**)  
Federation of Arab Engineers (**FAE**)  
Council Associations Long Cycle Engineers (**CLAIU-EU**)  
European Council of Civil Engineers (**ECCE**)  
European Council Engineering Chambers (**ECEC**)  
European Federation of National Engineering Associations (**FEANI**)

Libyan Syndicate of Engineers  
Chamber of Engineers of Malta  
Union Nationale des Ingénieurs Marocain  
General Union of Palestine Engineers  
Slovenian Chamber of Engineer  
Syrian Engineers Syndicate  
Instituto de la Ingenieria de España  
Ordre des Ingénieurs Tunisiens  
Albanian Association of Consulting Engineers  
Union Nationale des scientifiques et technologues  
algériens  
Technical Chamber of Cyprus  
Egyptian Syndicate of Engineers  
Technical Chamber of Greece  
Ordre des Ingénieurs et Architectes du Liban  
Consiglio Nazionale degli Ingegneri - Italy



1<sup>ST</sup> CONFERENCE  
OF THE MEDITERRANEAN ENGINEERS  
COOPERATION RESEARCH DEVELOPMENT

## SIGNATORIES

World Federation of Engineering Associations (WFEO)  
Eng. Marwan Abdelhamid (President)

Albanian Association of Consulting Engineers  
Eng. Feroz Kabu (President)

Union Nationale des scientifiques et technologues algériens  
Sen. Abdelkader Reguik (Secretary General)

Technical Chamber of Cyprus  
Eng. Vassilis P. Economopoulos (delegate of President Eng. Stelios Achmiotis)

Egyptian Syndicate of Engineers  
Prof. Adel Alhaditi (delegate of President Eng. Tarek Al-Nabarawi)

Technical Chamber of Greece  
Eng. Vassilis P. Economopoulos (delegate of President Eng. Christos Spirtzis)

Consiglio Nazionale degli Ingegneri  
Eng. Armando Zambrano (President)

Ordre des Ingénieurs et Architectes du Liban  
Eng. Khaled Echebah (President)

Libyan Syndicate of Engineers  
Prof. Adel Alhaditi (delegate of President Eng. Ismail Mohamed Aljiru)

Chamber of Engineers of Malta  
Eng. Vassilis P. Economopoulos (delegate of President Eng. Myrman Zammit)

Union Nationale des Ingénieurs Marocains  
Eng. Badri Aarab (President)

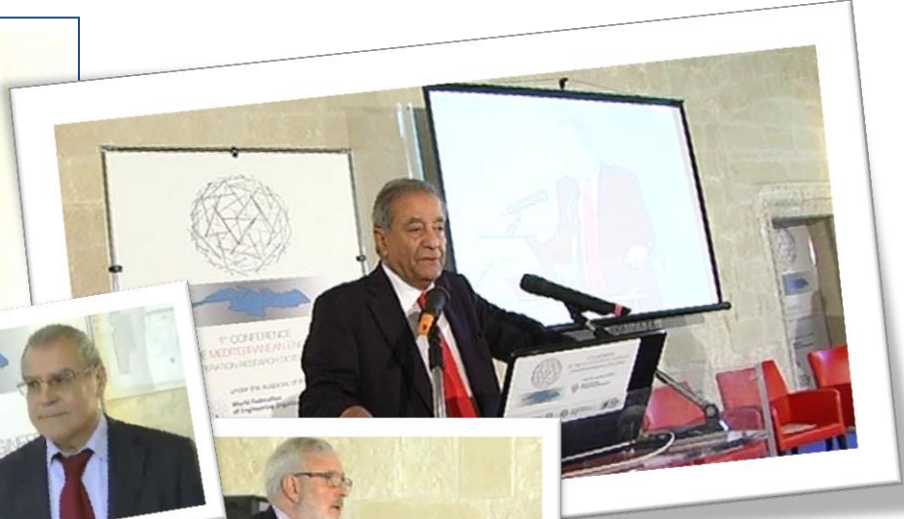
General Union of Palestine Engineers  
Eng. Marwan Abdelhamid (Secretary General)

Slovenian Chamber of Engineers  
Eng. Crtomir Kmetz (President)

Syrian Engineers Syndicate  
Prof. Adel Alhaditi (delegate of President Eng. Walid Gazal)

Ordre des Ingénieurs Tunisiens  
Eng. Faikal Rkhis (delegate of President, Eng. Almoji Mjilad)

Instituto de la Ingeniería de España  
Eng. Alejandro María Montes (delegate of President) Eng. Manuel María Martínez







Co-operation between the  
Engineering Associations of Mediterranean Countries (EAMC)  
under the auspices of World Federation of Engineering Organizations (WFEO)

## STATEMENT OF INTENT

1



Signed in \_\_\_\_\_ on \_\_\_\_\_ 2014



Co-operation between  
the Engineering Associations of Mediterranean Countries (EAMC)

## ANNEX STRATEGIC COOPERATION LINES

Under the patronage of WFEO, intends to develop partnerships  
between Engineering Professional Associations  
of countries surrounding the Mediterranean.

Focus will be on the following programs:



Facilitate

Mediterranean area;

to international

cooperation  
in energy

including



## Outcomes

Signed the heads of agreement for **continuous co-operation** among the Mediterranean countries where engineers and their professional Associations play an important role in sharing and transferring knowledge and technologies.

Presented the result of researching 21 countries on

- ✓ **Engineering Education**
- ✓ Admission to and **professional practices**
- ✓ **Professional “apprenticeship”**
- ✓ **Continuous Professional Development**

## Technical Tables

- ✓ Exchange of information on national engineering education and professional systems to facilitate the free movement of Engineers in the Mediterranean Area
- ✓ Promotion of **sustainable and renewable energies**, energy efficient lighting, and eco-friendly designs
- ✓ Sharing and transferring **innovative technologies**, in particular those related to safe water and sanitation, water-recycling systems waste treatment
- ✓ Exploring issues **safeguarding cultural and social heritage**, promoting restoration and renovation of the built environment
- ✓ **Climate change adaptation of infrastructures**









**The model had been welcomed  
in areas bigger  
than the Mediterranean basin.**



**Engineering Association  
of Mediterranean Counties**

# WECSI | 2014

World Engineering Conference on Sustainable Infrastructure  
2<sup>nd</sup> -7<sup>th</sup> November | ICC, Abuja, Nigeria | [www.wecsi2014.org](http://www.wecsi2014.org)



WFO/FMOI  The Nigerian Society of Engineers



On the 4<sup>th</sup> November 2014 in Abuja, Nigeria, at the **WECSI - World Engineering Conference on Sustainable Infrastructure** - The EAMC initiative and its operative framework was presented and aroused wide interest in **extending the initiative to the African continent.**



Engineering  
of Mediterranean





# The General Assembly Meeting of the E.A.M.C

## 21 - 23 May, 2016

### Grand Nile Tower hotel - Cairo - Egypt

#### Saturday 21 - 5 - 2016

10.00 -11.00	<p>Opening.</p> <ul style="list-style-type: none"> <li>- Word For Eng. Tarek Alnabarawy Head of Egyptian syndicate Of Engineers - Word for Engineer Nicola Monda</li> <li>E.A.M.C Secretary General - Word for Professor Adil ALHadithi</li> <li>E.A.M.C President</li> <li>- Word for Dr.Mohammed Abdulati</li> <li>The Egyptian Minister of Water Resources and Irrigation .</li> </ul>
11.00 - 11.30	<b>Coffee Break</b>
11.30 – 12.15	<p>Lecture On common Engineering Work between Engineering Association In Arabian and European Mediterranean countries</p> <p>Presented By Dr. Sheriff Hamad , former Minister of scientific research in the Arab Republic of Egypt</p>
12-15 – 13.00	Interventions, comments and General discussion

13.00 - 14.00	Presentation, discussion and adoption of the Statute for E.A.M.C
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14.00	<b>Lunch</b>
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20.00	<b>Dinner</b>
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#### Sunday 22 - 5 - 2016

9.30 - 11.00	<p>Review of the formation of technical committees and approval</p> <p>-Review of the formation of the Executive Board.</p>
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11.00	A field trip to visit one of the sites of - modern development projects in Egypt (New Suez Canal Project) with lunch.
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#### Monday 23 - 5 - 2016

	Egyptian syndicate of Engineers organizes a tour in Cairo For Participants who wish to do so
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# Participants

## (National Members and Associations)

President pt, Adel Al Hadithi (FAE)  
Secretary General pt, Nicola Monda (Italy – CNI)  
Albania (AAACE),  
Algeria (UNSTA), Abdu Elkader Raquiq  
Cyprus (ETEK),  
Egypt (EEA), Tariq Al Nabarrawy  
European Council of Civil Engineers (ECCE), Aris Chatzidakis  
European Council of Engineers Chambers (ECEC)  
Greece (TGC), Nick Zygouris  
Italy (CNI), Enzo Siviero (SG's Deputy)  
Lebanon (OEA), Khalid Chehab  
Malta (COE)  
Palestine (GUPE), Marwan Abdul Hamid  
Réseau Méditerranéen Ecoles Ingénieurs (RMEI)  
Slovenia (IZS)  
Syria (OSEA)  
Tunisia (OIT)



## **Decisions taken**

Approval of the Statute of the Association, with modifications  
(in attachment, the signed version of the Statute)

Election of EAMC Executive Board

Approval and establishment of four Technical Committees

**Engineering Association  
of Mediterranean Countries**



Statutes of the  
Engineering Association of the Mediterranean Countries (E.A.M.C.)

Article ( 1 )

Definitions and Interpretations

- 1.1 **E.A.M.C.** : Means the Engineering Association of the Mediterranean Countries.
- 1.2 **Member** : Means a member of E.A.M.C.
- 1.3 **Executive Board** : Means the executive Board of E.A.M.C.
- 1.4 **General Assembly** : Means the General Assembly of E.A.M.C.
- 1.5 **The Basic Structure Of E.A.M.C. :**
- a) The General Assembly
  - b) The Executive Board
  - c) General Secretariat
  - d) Technical Committees
- 1.6 **The Headquarter** : **Rome - Italy**

Article ( 2 )

Mission and Objectives

The mission and the objectives of E.A.M.C. are defined in the Statement of Intent signed on 8 May 2014 in Lecce.

- 2.1 Development of a partnership between European and Arabian Mediterranean Engineering Associations
- 2.2 Fostering collaboration and mutually beneficial programs.
- 2.3 Establish Co-Operation With The World Federation Of Engineering Organizations And Other International And Regional Organizations.

1



Article ( 3 )  
Members

- 3.1 **Membership** : National Organizations of the European and Arabian Mediterranean Countries, The Federation of Arab Engineers And one from European of Engineering organization.
- 3.2 **participants** : Request from other national and international organization could be accepted as observer.
- 3.3 **Admission to E.A.M.C.** : Applications shall be approved by simple majority of presents. Acceptance entitles to voting rights at the General Assembly and to the services of E.A.M.C.  
Resignation/Termination of membership by a member of E.A.M.C. shall be notified to the President and the Executive Board.
- 3.4 **Other stakeholders**, by invitation of a Member, are encouraged and welcome to attend the General Assembly.
- 3.5 **Annual Membership fees minimum € 1000.**

Article ( 4 )

General Assembly

- 4.1 Delegations that will participate in the meetings of the General Assembly is sent to the Secretary-General.
- 4.2 The General Assembly have the power to determine and approve the objectives of E.A.M.C. and to make suggestions and proposals for the betterment of the performance of E.A.M.C.

2



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2



**Article ( 5 )**  
**Meetings of the General Assembly**

- 5.1 The general assembly shall have One meeting convened annually and preferably to be in the last quarter of the year.
- 5.2 The location of the meeting shall be determined by the Executive Board.
- 5.3 A Draft Agenda shall be forwarded, with the notice to all members at least two months before the date.
- 5.4 The Secretary-General's call for the meeting.
- 5.5 The President shall chair the above Meeting, In case of his absence; the Secretary General shall chair the meeting.
- 5.6 Each membership shall have one vote.

**Article ( 6 )**  
**Executive Board**

- 6.1 The Executive Board shall consist of the following delegates:
- President
  - The Secretary General
  - 4 delegates members:
    - 2 of National member from Arab Mediterranean countries
    - 1 of National member from European Mediterranean countries
    - 1 of the European Engineering organization.
- 6.2 Elections to the Executive Board shall take place every three years. Candidatures shall be addressed to the President and to the Secretary General.
- 6.3 Meeting of the executive board shall be convened twice a year.
- 6.4 Time And Place Of The Meeting Determines after Coordination Between The President And Secretary General.
- 6.5 The Secretary-General's call for the meeting

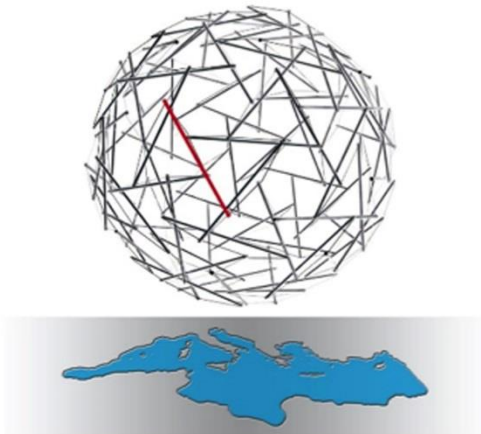
**Article ( 7 )**  
**Functions of the Executive Board**

- 7.1 The Executive Board shall implement the policies and the decisions of the General Assembly.
- 7.2 The Executive Board shall take decisions by a simple majority of presents.
- 7.3 Follow-up work of the Standing Technical Committees is through the Secretary-General

3



# Engineering Association of Mediterranean Counties



NOTAIO GIUSEPPE CELESTE

CORSO DELLA REPUBBLICA 107 - SC.E.INT. I - 04100 LATINA - TEL. 0776 450895 - FAX 0779 609611  
COD. FISC. CLES GPP6914FS89K - P.IVA 01448460896 - E-MAIL: GCELESTE@NOTARIATO.IT

Repertorio n. 83859

Raccolta n.32593

## VERBALE DI DEPOSITO DI DOCUMENTO REPUBBLICA ITALIANA

Il giorno quattordici del mese di luglio dell'anno duemilasedici alle ore dodici

**14 luglio 2016**

In Roma, alla Via XX Settembre n. 5

Innanzi a me Dott. **GIUSEPPE CELESTE**, Notaio in Latina, iscritto nel Ruolo del Distretto Notarile di Latina,

**E' PRESENTE**

**MONDA Nicola**, nato a Marigliano il 4 febbraio 1940, residente in Napoli alla via Orazio,31, codice fiscale MND NCL 40B04 E955Y.

Io Notaio sono certo dell'identità personale del costituito il quale, ai sensi e per gli effetti dell'art. 106 n. 4 della legge 16 febbraio 1913 n. 89 ed ai fini di ogni adempimento di legge, mi chiede di depositare nei miei originali nell'interesse della "Associazione di Ingegneria dei Paesi Mediterranei", in sigla "E.A.M.C.", con sede centrale in Roma, alla via XX settembre, 5. la copia del seguente documento: "VERBALE PRIMA ASSEMBLEA GENERALE DELL' ASSOCIAZIONE DELL' INGEGNERIA DEI PAESI MEDITERRANEI (EAMC) " del 21 maggio 2016, nel testo tradotto in italiano.

Detto documento ha per oggetto, tra l'altro, l'approvazione dello Statuto dell'Associazione con modifiche, che si trova allegato al predetto verbale, in copia tradotto in italiano, mentre sono omessi gli altri allegati al verbale.

Il componente dichiara di essere, nella sua qualità di segretario generale dell'associazione, lo stabile rappresentante pro tempore della stessa in Italia.

Il predetto documento, unitamente allo statuto ivi allegato, si allega al presente atto sotto la lettera "A".

Il componente mi autorizza, altresì a rilasciarne copia autentica a chiunque ne faccia richiesta.

Le spese del presente atto sono a carico dell'Associazione.

Non ho dato lettura dell'allegato in quanto espressamente dispensato.

Del presente atto, scritto in parte con mezzi elettronici da persona di mia fiducia ed in parte integrato a mano da me Notaio su un foglio per tre fasciate ho dato lettura al componente che l'approva e lo sottoscrive alle ore dodici trenta

**FIRMATO:**

**Nicola MONDA**

**Giuseppe CELESTE (sigillo)**

Esteri  
Protocollo in Entrata num. 28  
Data Protocollo 01/08/2016



GIUSEPPE CELESTE  
NOTAIO



**Approval and establishment of four Technical  
Committees,  
with the following chairmen:**

*Engineering Education and Professional Qualification*  
(Chairman: Prof. Franco La Mantia – Italy)

*Energy and Renewable Energies*  
(Chairman: Eng. Walid Al Baba – Lebanon)

*Environment*  
(Chairman: Eng. Mohammed Al Nemr – Egypt)

*Infrastructure and Construction*  
(Chairman: Eng. Nick Zygouris - Greece).

**Engineering Association  
of Mediterranean Counties**



**EAMC Executive Board with the following members:**

Adil I Alhadithi, President  
Nicola Monda, General Secretary

Aris Chatzidakis, Member  
Khaled Chehab, Member  
Joannis Glekas, Member  
Tarik Al Nabbarawy, Member

**Engineering Association  
of Mediterranean Counties**

# EAMC Technical Committees

Engineering Education and Professional Qualification	Energy and Renewable Energies	Environment	Infrastructure and Construction
<b>Prof Alfredo Squarzoni</b> (Italy) <b>Chairman</b>	<b>Eng. Walid Al Baba</b> (Lebanon) <b>Chairman</b>	<b>Eng. Mohammed Al Nemr</b> (Egypt) <b>Chairman</b>	<b>Nick Zygouris</b> (Greece) <b>Chairman</b>
<b>Prof. Galal Al Dbaik</b> (Palestine)	<b>Dr Venizelos Efthymiou</b> (Cyprus)	<b>Federico Vagliasindi</b> (Italy)	<b>Prof. Abdulqawi Khalifa</b> (Egypt)
<b>Prof. Wael AL Degwi</b> (Egypt)	<b>Prof. Sheriff Hamad</b> (Egypt)	<b>Mr Ioannis Glekas</b> (Cyprus)	<b>Eng. Afeef Asaeed</b> (Palestine)
<b>Mr Christodoulos Hadjiodyseos</b> (Cyprus)	<b>Eng. Emad Khedr</b> (Palestine)	<b>Dr. Mervaat Al Hoz</b> (Lebanon)	<b>Eng. Morshed El Bosaily</b> (Tunisia)
<b>Prof. Almahdi Bin Maimon</b> (Tunisia)	<b>Eng. Malek Mushareq</b> (Tunisia)	<b>Eng. Amal Makhoul</b> (Tunisia)	<b>Massimo Guarascio</b> (Italy)
<b>Dr. Walid Malaab</b> (Lebanon)	<b>Fatma Ashur</b> (Egypt)	<b>Eng. Ayman Abu Zaher</b> (Palestine)	<b>Eng. Gerar Samaany</b> (Lebanon)
<b>Sonia Zabaniotou</b> (Greece)	<b>Gianfranco Rizzo</b> (Italy)		<b>Mrs Elia Tantele</b> (Cyprus)
<b>Prof. Giukiano Augusti</b> (Italy)	<b>Gino Bella</b> (Italy)		





## **The ExBo approves**

The appointment of Enzo Siviero as Deputy of the Secretary General of EAMC.

The appointment of Mrs Houda Moh'd Abduljalil as assistant of Deputy the Secretary General for the Arab countries.

Enzo Siviero as Deputy of the Secretary General will coordinate the Technical Committees.

**Engineering Association  
of Mediterranean Counties**



# الهندسة العربية

بدول البحر الأبيض المتوسط

٢١-٢٢ مايو / أيار ٢٠١٦

قاعة اخناتون - فندق جراند نايل تاور

القاهرة - جمهورية مصر العربية

أمين عام

المهندسين العرب

محمد عبد الغنيم

نقيب المهندسين

طارق النبراوي

د. محمد عبد الغنيم

أمين عام المهندسين العرب

م. طارق النبراوي

نقيب المهندسين



٢١-٢٣  
قاعة اخناتون  
القاهرة

المهندسين  
القيصريين



Engineering Association  
Mediterranean Council



Nicola Monda  
E.A.M.C Secretary General



أحمد عادل الحديثي  
أمين عام اتحاد المهندسين العرب



رئيس مجلس الوزراء

نقابة المهندسين  
المصرية

يتشرف إتحاد المهندسين العرب ونقابة المهندسين المصرية

بعقد إجتماع الجمعية العمومية

للمهندسين الهنديات

الأبيض المتوسط





Nicola Monda  
M.C. Secretary General

إدريس / عثمان الحديشي  
أمين عام اتحاد المهندسين العرب

إدريس / محمد عبد العاطي  
وزير لواء المهندسين العرب من قبل وزير الأوقاف

م / طارق النبراوي  
نقيب المهندسين



تحت رعاية السيد المهندس / توفيق اسماعيل  
رئيس مجلس الوزراء



بمقره اتحاد المهندسين العرب ولقائه المهندسين المصريين

بعقد إجتماع الجمعية العمومية

للإختصاصات الهندسية

بمقره اتحاد المهندسين العرب

في ٢٢ مايو ٢٠١٠

في تمام الساعة ١٠ صباحاً

بمقره اتحاد المهندسين العرب

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بمقره اتحاد المهندسين العرب

تحت رعاية السيد المهندس / طارق النبراوي  
رئيس مجلس الوزراء  
يشرف إتحاد المهندسين العرب ونقابة المهندسين المصرية  
بمعقد إجتماع الجمعية العمومية  
**للمنظمات الهندسية**  
بحول البحر الأبيض المتوسط  
٢٢-٢٤ مايو / ايسار ٢٠١٦  
قاعة بحران - فندق جبال نائيل تاور  
القاهرة - جمهورية مصر العربية

أمين عام  
اتحاد المهندسين العرب  
د. عادل الحدوشي

رئيس مجلس الوزراء  
وزير الموارد البشرية والتنمية الاجتماعية  
د. طارق النبراوي

Logo of the Egyptian Engineers' Syndicate (المهندسين المصريين)

Monda

أ.د.م / عادل الحدوشي  
أمين عام اتحاد مهندسين العرب



أ.د. / محمد عبد العاطي  
وزير الموارد البشرية والتنمية الاجتماعية  
مصر

طارق النبراوي  
رئيس مجلس الوزراء  
المهندسين

## International Members

---

**+ Commonwealth Engineers Council (CEC)**

**✗ Engineering Association of Mediterranean Countries (EAMC)**

[www.fondazioneecni.it](http://www.fondazioneecni.it)

Nicola Monda, Secretary General

**Address:** Fondazione Consiglio Nazionale Ingegneri – International Affairs Department –

Via XX Settembre n. 5, 00187 Rome

Italy

**Tel:** + 39 06 85 35 47 39

**+ Fédération Européenne d'Associations Nationales d'Ingénieurs (FEANI)**

**+ Federation of Engineering Institutions of South and Central Asia (FEISCA)**

**+ Federation of Engineering Institutions of Asia and the Pacific (FEIAP)**

**+ Pan American Federation of Engineering Societies (UPADI)**

**+ Union of Scientific and Engineering Associations (USEA)**

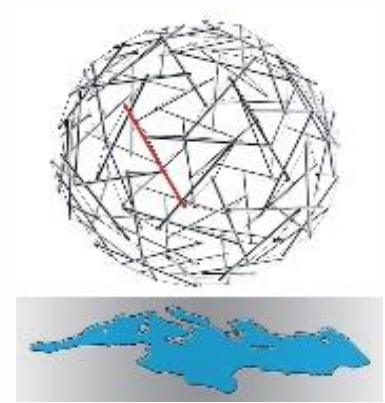
**+ ASEAN Federation of Engineering Organizations (AFEO)**

**+ World Council of Civil Engineers (WCCE)**



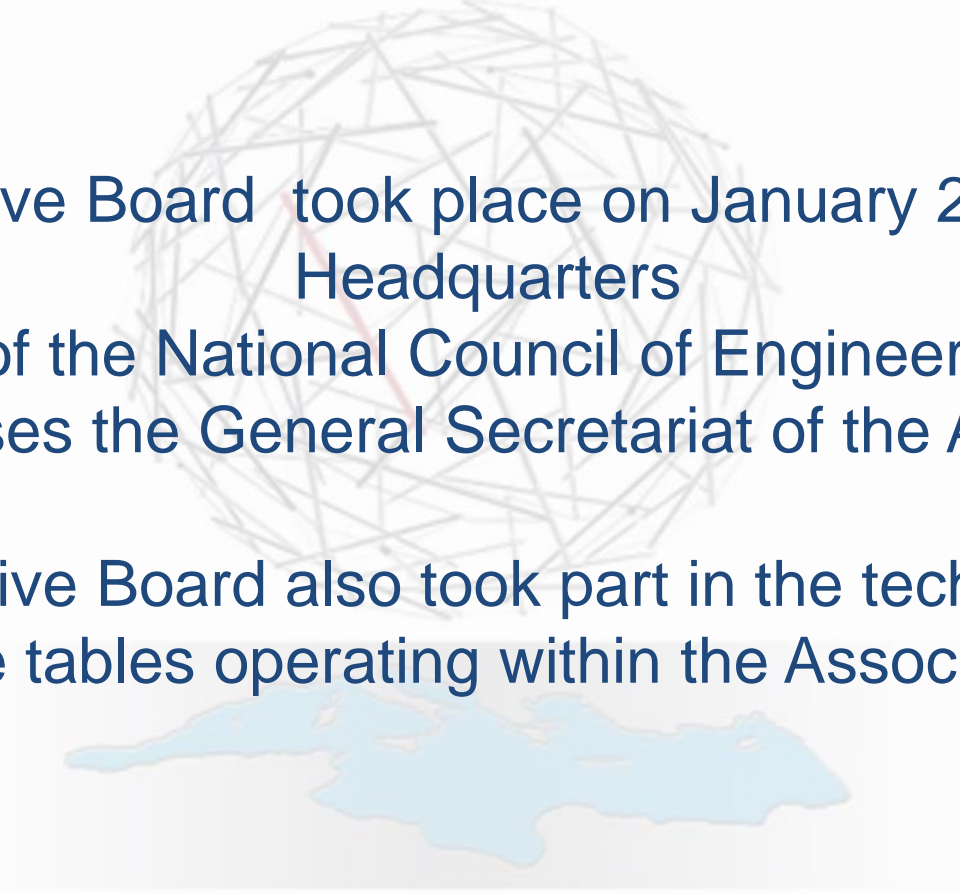
Rome, Italy  
January 20 - 21, 2017

**GENERAL TECHNICAL COMMITTEE MEETING  
EXECUTIVE BOARD**



iation  
ountries





Executive Board took place on January 21 at the Headquarters of the National Council of Engineers which houses the General Secretariat of the Association.

The Executive Board also took part in the technical tables of the tables operating within the Association.

**Engineering Association  
of Mediterranean Counties**

## DECISION TAKEN

The Committee Infrastructure and Construction, chaired by Eng. Nick Zygouris, Delegate of the National Council of Greek Engineers, has set up a group within it, coordinated by prof. Massimo Guarascio, for the study and support of the project for the construction of a bridge that connects Tunisia with Sicily (TUNELIT).

EAMC has supported it since its first activities and its activities has been illustrated in the Kick Off meeting scheduled for 8 February 2017 at the Faculty of Engineering of the Sapienza University in Rome with the participation of Italian and Tunisian institutional representatives.

# TUNeIT & GRALBeIT

The Connective Mobility Concept and Mission Connectivity and Mobility are two major factors for the development and welfare of geo- areas, countries and communities in the world, as well as the “missing links” are often strongly responsible for the *underdevelopment, isolation and persistent inequalities* among the concerned geo-areas.

Engineering Association  
of Mediterranean Counties

## TUNeIT & GRALBeIT

### The Connective Mobility Concept and Mission

## TunelIt & GrAlBeIt Workshop

### "EAMC TASK FORCE" KICK OFF MEETING

### Roma - Sapienza University, Faculty of Engineering

Via Eudossiana n. 18

Sala del Consiglio

8 February 2017 - h. 14:00

### Welcome address and introduction

ANTONIO D'ANDREA  
(Dean of Faculty of Engineering)

NICOLA MONDA  
(General Secretary of EAMC)

### LIST OF PARTICIPANTS

AMEL MAKLOUF  
(EAMC - Tunis)

CARLO DE VITO  
(FS SISTEMI URBANI Ferrovie dello Stato - Italy)

AHMED LARBI  
(Director ENSIT - Tunis)

GILBERTO DIALUZE  
(General Director Ministry of Economic Development - Italy)

NAJLA ALLANI  
(Dean of Faculty of Architecture Tunis)

FRANCO TERLIZZESE  
(General Director Ministry of Economic Development - Italy)

DAVIDE AMBROSELLI  
(University - Italy)

GIOVANNI TESORIERE  
(Vice Rector unikore - Italy)

CIRO DI COSTANZO  
(Tirana Chamber of Commerce and Industry)

GINO BELLA  
(Dean of Faculty Engineering Unicusano)

OTIS ANYAEJI  
(President of Nigerian Society of Engineers)

FRANCESCO LOSURDO  
(General secretary Community of Mediterranean Universities)

ERSI BORZHEKU  
(Executive Director CESIAL - Center Studies High Training and Research Italo-Albanian CEMAS Sapienza)

PAOLA TODINI  
(Expert on human rights eCAMPUS)

FABIO BRANCALEONI  
(Professor of Faculty Architecture RomaTre)

MARA LOMBARDI  
(Professor of Faculty Engineering Sapienza)

NICK ZYGOURIS  
(EAMC - Greece)

ENZO SIVIERO  
(Rector eCAMPUS and EAMC - Italy)

MASSIMO GUARASCIO  
(Sapienza and RMEI - Italy)

Connectivity and Mobility are two major factors for the development and welfare of geo-areas, countries and communities in the world, as well as the "missing links" are often strongly responsible for the underdevelopment, isolation and persistent inequalities among the concerned geo-areas. A glance to the specific thematic connectographies will offer a surprisingly clear picture of the above assumptions.

Whereas a deep insight to the geo-distribution of the HDI (the United Nations Index of the Human Development and welfare) along the years does suggest effective geopolitical interpretations and proposals to overtake these unacceptable conditions.

The mission is to transform the "missing links" in "fixed links". In particular if we pay attention to the geo-areas and countries around the "Mediterranean" along their history we can discover very easily the reasons of the nowadays reality:

- A persistent stratified distribution of the "HDI" systematically decreasing along the geo-latitude;
- A mere role of transit for the "Mediterranean Basin" along the transoceanic routes of the maritime trade where the European center of gravity is in the Northern range of the North Sea, whereas the Euro-Mediterranean countries play the role of a mere land market;
- The most impressive phenomenon of boat-people migration of all time.

A look to the other similar geo-areas in the world, like the Extreme East, China-Korea-Japan does confirm the answer: connective mobility for the generalized development of the all geo-areas.

The answer for the wide Mediterranean geo-areas is the integration of Africa and Europe by an appropriate system of connective-mobility: "TUNeIT & GRALBeIT" is an important component of that system.

TUNeIT is an acronym of Tunisia and Italy the fixed link between Cape Bon and Mazara del Vallo is foreseen part in tunnel and part as bridge with 3 to 4 intermediate artificial islands, the total length is around 140 km composed by railway and road.

GRALBeIT is an acronym of Greece-Albania and Italy fixed link between Valona and Otranto foreseen as a bridge, the total length is around 80 km with a couple of artificial intermediate islands. It has the same cross section as TUNeIT.

The countries involved are, beside Tunisia and Italy also Nigeria (for the infrastructures in Africa), Albania and Greece (for the connection with the so-called Silk Road and Asia).

Connecting the Mediterranean countries by intelligent "fixed links" is a **necessary mission** for the Mediterranean Engineers.

To create the "Mediterranean connective-mobility network" is a must so that the AfroMed-countries can quickly develop in a suitable way overtaking the inequalities among and within the countries.



The Committee Engineering Education and Professional Qualification, chaired by the chairman Prof. Alfredo Squarzoni, Director QUACING / CNI, has proposed to extend its activities to those of accreditation of the undergraduate courses in Arab countries starting from an analysis of the national systems operating today.

The Committee Energy and Renewable Energies, chaired by chairman Eng. Walid Al Baba, Delegate of the Union of Lebanese engineers, has proposed to organize together with EAMC an international Forum in Beirut on 12-15 March 2017 hosted by the Union itself.

Engineering Association  
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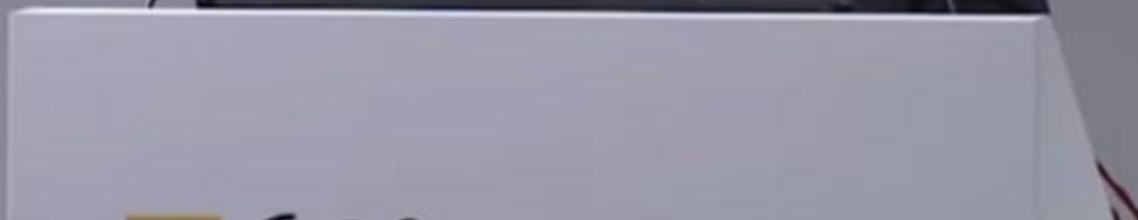


The Committee Environment,  
Chaired by chairman Eng. Mohammed Al Nemr,  
Vice president of the Egyptian Engineers' Union,  
has proposed a joint operational model with the  
committees

Energy and Renewable Energies and Structure and  
Infrastructure  
for aspects related to its business.

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CONSIGLIO NAZIONALE  
DEGLI INGEGNERI

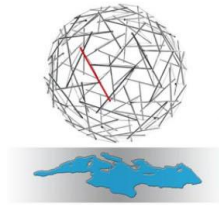








**TEE** TECHNICAL  
CHAMBER  
OF GREECE



Engineering Association of  
Mediterranean Countries



# 2<sup>nd</sup> EAMC General Meeting

Rethymno, Crete  
May 12-14, 2017



## 2<sup>nd</sup> E.A.M.C General Assembly Meeting 12 - 14 May, 2017

### 12<sup>th</sup> May 2017

16.00 – 18.00

Executive Board meeting

18.00 – 19.00

Meeting of the Technical Committees' Chairmen

### 13<sup>th</sup> May 2017

#### General Assembly Meeting

10.00 – 11.00

Welcome addresses by Greek Officials

Mr. **Giorgos N. Stasinou**, President of the Technical Chamber of Greece (TCG)

Prof. **Adil I. Sh. ALhadithi**, President of the Engineering Association of Mediterranean Countries (EAMC)

Mr. **Panagiotis Kouroubli**s, Minister of Maritime & Island Policy

Mr. **Antonis Balomenakis**, Member of the Greek Parliament for Chania, Crete and Member of the Greek Delegation to the Parliamentary Assembly of the Mediterranean (PAM)

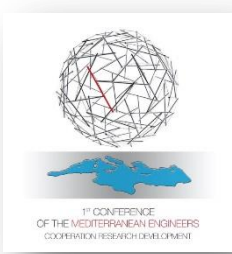
Mr. **Stavros Arnaoutakis**, Regional Governor of Crete

Mrs. **Maria Lioni**, Regional Vice Governor of Rethymnon, Region of Crete

Mr. **George Marinakis**, Mayor of Rethymnon

# 2° E.A.M.C General Assembly Meeting

## 12 - 14 May, 2017



13<sup>th</sup> May 2017

### General Assembly Meeting

11.00 - 12.00	General Assembly Meeting Opening remarks Apologies for absence / Approval of agenda Welcome of Participants Approval of the draft minutes of the previous GA meeting Technical Committees' Chairmen Report Integrations and changes of the current Technical Committees
12.00 - 12.30	<b>Coffee Break</b>
12.30 - 14.30	General Secretary report Financial Budget prevision Planning of the activities Proposals to host the next General Assembly Other issues Closing remarks
14.30	<b>Lunch</b>



2° E.A.M.C General Assembly Meeting  
12 - 14 May, 2017

13<sup>th</sup> May 2017

Technical Event

“Upgrading existing bridges, architectural and structural concerns”

17.00 - 17.45	<p><b>Moderators</b> <b>Aris Chatzidakis</b> - ECCE President elect, EAMC ExBo Member <b>Nikos Zygouris</b> - EAMC Technical Committee Chairman</p> <p><b>Keynote Speaker</b> <b>Prof. Enzo Siviero</b>, Rector University eCAMPUS Novedrate Como Italy, Vice President RMEI (Réseau Méditerranéen des Ecoles d' Ingénieurs), EAMC Deputy Secretary General</p> <p><b><i>An integrated approach to upgrading of the existing bridges</i></b></p>
17.45 - 18.15	<p><b>Dr. Telemachos Panagiotakos</b>, Civil Engineer, Ph.D., Member of CEN/TC250/SC8, CEN/TC250/HGB, ELOT/TE67</p> <p><b><i>Towards a new approach of the Eurocodes for the design and upgrading of existing bridges</i></b></p>
18.15 - 18.30	<p>Closing Remarks by the Moderators</p>
20.00	<p>Gala Dinner Venue: Prima Plora Restaurant <i>All EAMC participants are invited. Transportation has been arranged</i></p>

**2° E.A.M.C General Assembly Meeting  
12 - 14 May, 2017**

**14<sup>th</sup> May 2017**

**Technical Visit**

**Visit to the Water Supplies Projects, constructed, surveyed and managed by the  
*Organization for the Development of Crete S.A.*  
APOSELEMIS DAM AND WATER TREATMENT PLANT**

10.00	Departure from Rethymnon
11.00	RETHYMNON - HERAKLION 81,5 km.
11.30	HERAKLION - APOSELEMIS DAM (SFENDYLI) 35,2 km Welcome (M.Spanoudaki) Tour Guide - Info for the Organization's innovative water projects (J. Vardoulakis)
13.00	AP.DAM - WATER TREATMENT PLANT (AGRIANA) 11 km Presentation by G. Gyparakis, Head Office Manager in Aposelemis DAM
14.00	Lunch: Cretan delicacies (Mediterranean Diet)





Committee Under the patronage of the  
Minister of Energy and Water  
**H.E. César Abi Khalil**

**The Order of Engineers and Architects  
The Energy and Sustainability Committee**  
in coordination with the

**Engineering Association of Mediterranean Countries EAMC**

## **1<sup>st</sup> Sustainability and Energy Forum (SEF)**

For Tackling the Challenges Confronting the Engineering Professions,  
Codes and Standards, and the Capacity Building of the Engineering Body

**May 22nd, 23rd & 24th, 2017**

Order of Engineers and Architects Headquarter.  
**Bir Hassan, Beirut.**



**Day (1): Monday, May 22<sup>nd</sup>**

**5:15 – 7 pm**



## **Session (I)**

### **The Proactive Strategy of the Electricity Sector & the Significance of Developing a Robust Smart Grid**

*Chaired by the President of the 3<sup>rd</sup> Branch Dr. Jamal Haidar*

✧ **The Governing Laws of the Sector & the Means for Developing them**

*Eng. Zakaria Rammal, Advisor to the Minister, Power Transmission Sector*

✧ **The Significance of Developing a Robust Smart Grid as a Viable Option  
for Conserving Energy and for Admitting Renewable Energy Sources**

*Dr. Raymond Ghajar, LAU Professor, Advisor to the Minister*

✧ **The Sound Proactive National Strategy and the Proper Objective**

*Eng. Chafic Abi Said, Energy Expert*

**Discussions**

**Break**

**Day (1): Monday, May 22<sup>nd</sup>**  
7 – 8:20 pm



## **Session (II)**

### **Energy Conservation, Towards an Efficient Sector that Rely on Scientific Data and Subject to Engineering Codes and Standards**

*Chaired by Eng. Walid El-Baba*

✧ **National Energy Indicators of Lebanon & Path Towards our 2020 objectives**

*Dr. Joseph Assad, Advisor to LCEC*

✧ **Energy Efficiency Standards in Buildings**

*Dr. Adel Mortada, Professor, The Lebanese University*

**Discussions**

**Break**

**Day (2): Tuesday, May 23<sup>rd</sup>**

**4 – 6.15 pm**



## **Session (III)**

### **Renewable Energies.**

### **Organization of Relevant Professions and Scientific Research**

*Chaired by Eng. Youssef Ghantous*

#### **✧ The Engineering Professions in the Renewable Energy Fields**

*Eng. Jil Amin, UNDP DREG Project Manager*

#### **✧ Scientific Researches in Renewable Energy/Faculty of *Engineering/ESIB***

*Dr. Hadi Kenaan, Professor, ESIB*

### **Discussions**

### **Break**

**Day (2): Tuesday, May 23<sup>rd</sup>**

**6:15 – 7:45 pm**

## **Session (IV)**

### **Sustainable Buildings.**

#### **Green Engineering Codes and Standards in Lebanon**

*Chaired by Eng. Rabih Khairallah*

*Chaired by Eng. Youssef Ghantous*

#### ✧ **Green Building - Mitigating the Impacts of Climate Change. Over The Environment**

*Dr. Mervat El Hoz, Professor, Balamand University*

#### ✧ **Environmental Performance Standards for Building in Lebanon**

*Eng. Naji Tannous*

#### ✧ **Organizing the Green Building Engineering Professions**

*Architect Aram Yeretian, AUB, LGBC Former president*

### **Discussions**





**Day (3): Wednesday, May 24<sup>th</sup>**

**4 – 6.15 pm**



## **Session (V)**

### **A Sustainable Transportation Sector.**

### **The Alternative to the Traditional one**

*Chaired by* EAMC General Secretary **Eng. Nicola Monda**

✧ **Promoting other Means of Transportation Such as Electric & hybrid cars**

*Prof. Gino Bella, University of Rome, EAMC, Renewable Energy TC Member*

✧ **The Sustainable Transportation Infrastructure Adapted to the Smart City Concept**

*Prof. Massimo Guarascio, Sapienza University of Rome, EAMC, Secretary of the Structure & Infrastructure Technical Committee*

✧ **Sustainable Solutions for the Transportation Sector in Lebanon**

*Dr. Hani Al-Naghi, Transportation Engineering Expert*

## **Discussions**

## **Break**

**Day (3): Wednesday, May 24<sup>th</sup>**

**6:15 – 8:00 pm**



## **Session (VI)**

### **Accreditation and the Educational Training Curricula**

*Chaired by Dr. Walid Malaeb*

✧ **Europe-based Accreditation Systems of Engineering programs**

*Prof Vito Cardone, Salerno University Quancing, CNI President, EAMC, Education & qualification TC Member*

✧ **The Sustainable Material in the Academic Programs**

*Dr. Farid Chaban, AUB*

✧ **Access to Information Law**

*Eng. Ali Berro, Attorney at Law, Energy law and Policy Expert*

## **Discussions**

**Recommendations & Conclusions of the Conference**

**with the participation of EAMC General Secretary, Eng. Nicola Monda**







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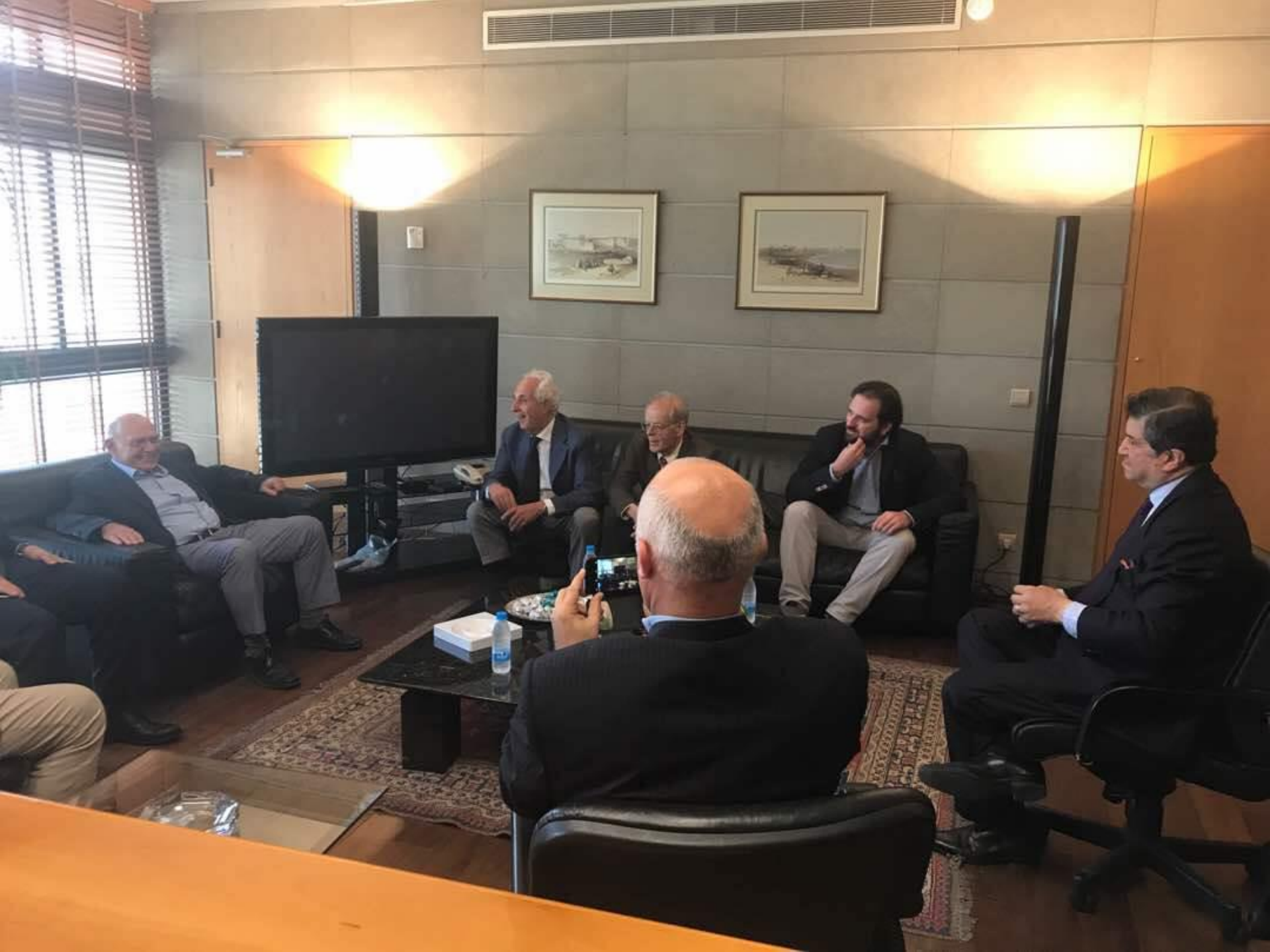
Under the patronage of the  
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**1<sup>st</sup> Sustainability & Energy Forum**









**THANK**

**YOU**

**FOR**



**YOUR**

**ATTENTION**

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