



EAMC
History
Results
Prospective
development

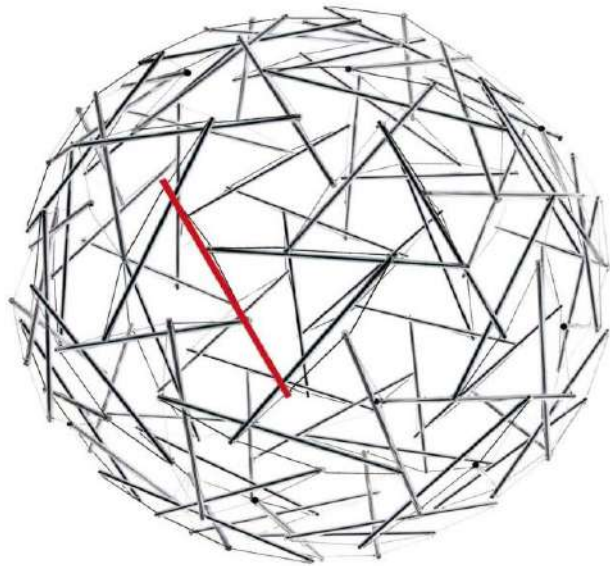
Engineering Association of Mediterranean Counties

Ing. Nicola Monda
GENERAL SECRETARY

international member of



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



1ST 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**

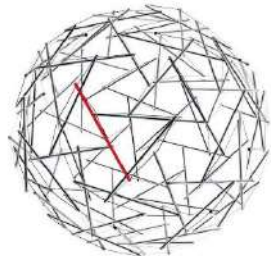
Scout opportunities for **economic and job development**

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



1st 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. Farkh Kaba (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 Zambrini (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. Norman 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 Kencar (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 Miliadi)

Instituto de Ingenieros de España
Eng. Alejandro María Aguiló (delegate of President) Eng. Manuel María Miralles





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

recycling





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

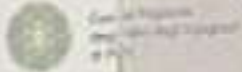
- ✓ Exchange of information on national engineering education and professional systems to facilitate the free movement of Engineers in the Mediterranean Area
- ✓ Promotion of **sustainable and renewable energies**, energy efficient lighting, and eco-friendly designs
- ✓ Sharing and transferring **innovative 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**



CONFERENCE
MEDITERRANEAN ENGINEERS
RESEARCH DEVELOPMENT

Participants of WFEO
Participating Organizations

CONFERENCE
OF THE MEDITERRANEAN ENGINEERS
RESEARCH DEVELOPMENT







**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

2nd -7th November | ICC, Abuja, Nigeria | www.wecsi2014.org



The Nigerian Society of Engineers



On the 4th 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.**





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"> - Word For Eng. Tarek Alnabarawy Head of Egyptian syndicate Of Engineers - Word for Engineer Nicola Monda E.A.M.C Secretary General - Word for Professor Adil ALHadithi E.A.M.C President - Word for Dr.Mohammed Abdulati The Egyptian Minister of Water Resources and Irrigation .
11.00 - 11.30	Coffee Break
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
14.00	Lunch
20.00	Dinner

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>
11.00	A field trip to visit one of the sites of - modern development projects in Egypt (New Suez Canal Project) with lunch.

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

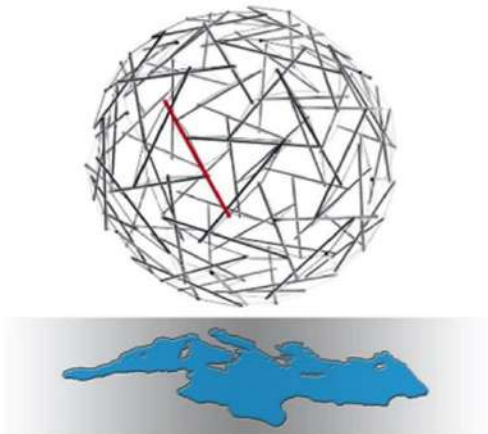
- 6.1 The Executive Board shall consist of the following delegates:
- President
 - The Secretary General
 - 4 delegates members:
 - 2 of National member from Arab Mediterranean countries
 - 1 of National member from European Mediterranean countries
 - 1 of the European Engineering organization.
- 6.2 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 197 - SC.E.INT. I-04100 LATINA - TEL. 0778 450585 - FAX 0773 606011
COD.FISC. CLES GPP 69145830K - P.V.A. 0148460806 - E-MAIL: GCELESTE@NOTARIATO.IT

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




GIUSEPPE CELESTE
NOTAIO

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 tradotta in italiano, mentre sono omessi gli altri allegati al verbale.

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

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

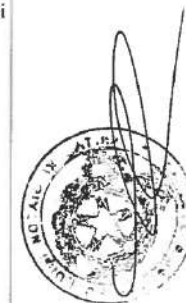
Non ho dato lettura dell'allegato in quanto espressamente dispensato.

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 facciate ho dato lettura al comparente che l'approva e lo sottoscrive alle ore dodici trenta

FIRMATO:

Nicola MONDA

Giuseppe CELESTE (sigillo)



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

نقيب المهندسين
م / طارق



٢٣-٢١
قاعة اخنا
القاهرة

المهندسين
البحر النبراوي



Engineering Association
Mediterranean C



Nicola Monda
E.A.M.C Secretary General



أ.د.م / عادل الحديثي
أمين عام اتحاد المهندسين العرب





تحت رعاية السيد المهندس / طارق التبراوي
رئيس مجلس الوزراء



بإشراف اتحاد المهندسين العرب ولجنة المهندسين المصرية

بعقد إجتماع الجمعية العمومية

للنظمات الهندسية

بمبنى البحر الأبيض المتوسط

من ٢٢ مايو إلى ٢٤ مايو ٢٠١٤

في فندق "البحر المتوسط"

بمدينة شرم الشيخ - مصر

Nicola Monda
M.C Secretary General

زيد / خالد الحديش
أمين عام اتحاد المهندسين العرب

إد / محمد عبد العاطي
أمين لواء المهندسين العرب في القاهرة

م / طارق التبراوي
تقى المهندس

تحت رعاية السيد المهندس / طارق النبراوي
 رئيس مجلس الوزراء
 بالشرف إتحاد المهندسين العرب وإقامة المهندسين المصريين
**بعقد إجتماع الجمعية العمومية
 للمنظمات الهندسية**
 بحول البحر الأبيض المتوسط
 22 مايو / أيار 2016
 قاعة بكتالوج - فندق جراند نايل تاور
 القاهرة - جمهورية مصر العربية
 أمون عبد
 إتحاد المهندسين العرب
 د. عادل العديني

Honda
 General

د. د. / عادل العديني
 أمين عام إتحاد المهندسين العرب



د. د. / محمد عبد العاطي
 وزير الموارد البشرية والتوطين
 وزير الشؤون الإدارية والمالية
 وزير التعليم العالي والبحث العلمي
 وزير الصحة والسكان
 وزير الإسكان والمرافق والمباني
 وزير النقل
 وزير السياحة والآثار
 وزير البيئة
 وزير الشباب والرياضة
 وزير الثقافة
 وزير الدفاع
 وزير الداخلية
 وزير العدل
 وزير الفنون والثقافة
 وزير الخارجية
 وزير التخطيط
 وزير التجارة والصناعة
 وزير الزراعة والري
 وزير الصناعة
 وزير التعليم
 وزير الصحة
 وزير الشباب
 وزير المرأة
 وزير الدولة

طارق النبراوي
 المهندس

International Members

+ Commonwealth Engineers Council (CEC)

✗ Engineering Association of Mediterranean Countries (EAMC)

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)

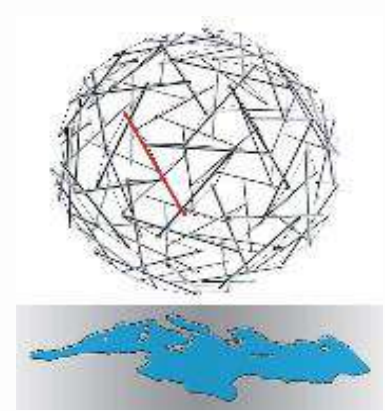
+ Union of Scientific and Engineering Associations (USEA)

+ ASEAN Federation of Engineering Organizations (AFEO)

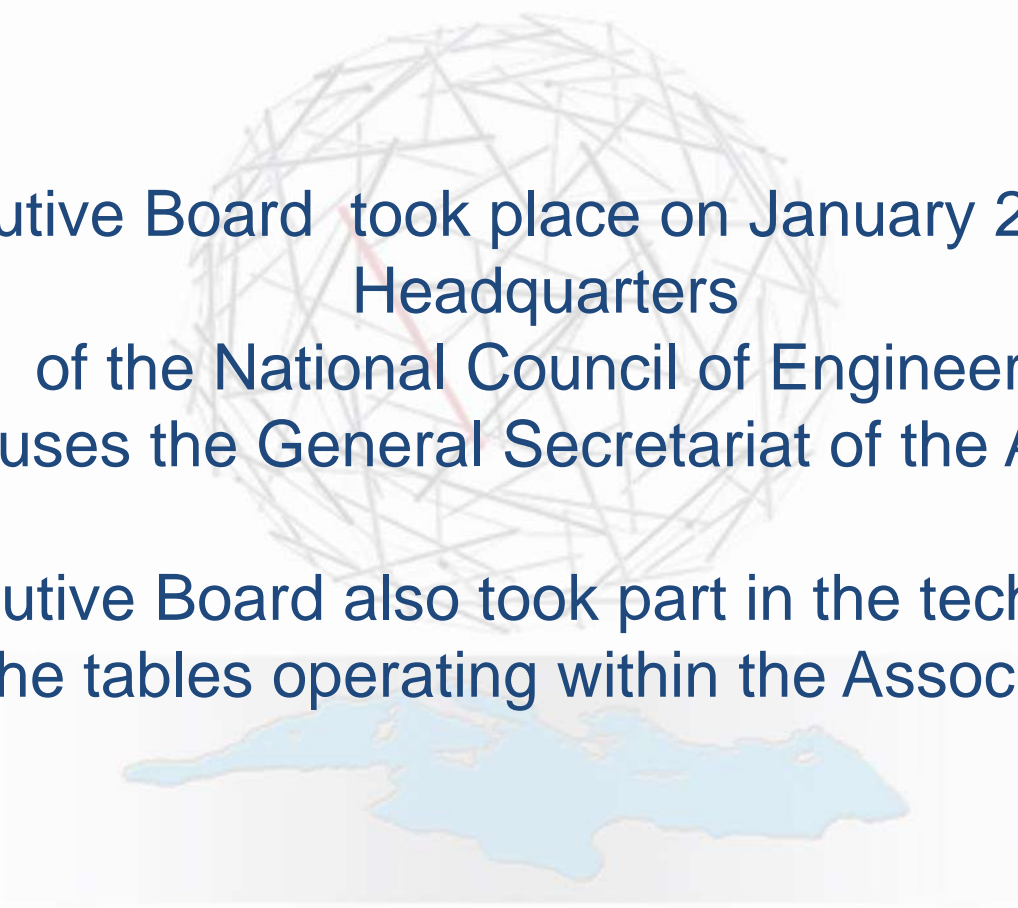
+ World Council of Civil Engineers (WCCE)

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 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 DIALUCE
(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)

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. 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.

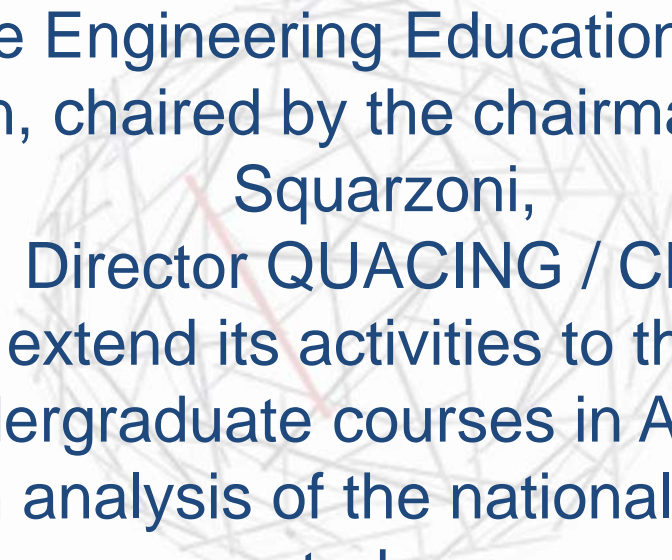
TUNeIT is an acronym of Tunisia and Italy the fixed link between Cape Bon and Mazara del Vallo is foreseen part in tunnel and part as bridge with 3 to 4 intermediate artificial islands, the total length is around 140 km composed by railway and road.

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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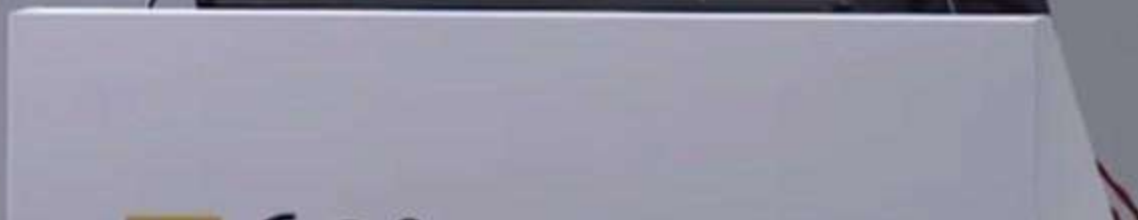


The Committee Environment,
Chaired by chairman Eng. Mohammed Al Nemr,
Vice president of the Egyptian Engineers' Union,
has proposed a joint operational model with the
committees

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

**Engineering Association
of Mediterranean Counties**

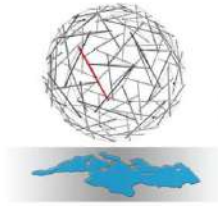
CONSIGLIO NAZIONALE
DEGLI INGEGNERI







TEE TECHNICAL
CHAMBER
OF GREECE



Engineering Association of
Mediterranean Countries



2nd EAMC General Meeting

Rethymno, Crete
May 12-14, 2017



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

12th May 2017

16.00 – 18.00

Executive Board meeting

18.00 – 19.00

Meeting of the Technical Committees' Chairmen

13th 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

13th 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	Coffee Break
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	Lunch

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

13th May 2017

Technical Event

“Upgrading existing bridges, architectural and structural concerns”

17.00 - 17.45	<p>Moderators Aris Chatzidakis - ECCE President elect, EAMC ExBo Member Nikos Zygouris - EAMC Technical Committee Chairman</p> <p>Keynote Speaker Prof. Enzo Siviero, Rector University eCAMPUS Novedrate Como Italy, Vice President RMEI (Réseau Méditerranéen des Ecoles d' Ingénieurs), EAMC Deputy Secretary General</p> <p><i>An integrated approach to upgrading of the existing bridges</i></p>
17.45 - 18.15	<p>Dr. Telemachos Panagiotakos, Civil Engineer, Ph.D., Member of CEN/TC250/SC8, CEN/TC250/HGB, ELOT/TE67</p> <p><i>Towards a new approach of the Eurocodes for the design and upgrading of existing bridges</i></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**

14th 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

1st 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 22nd

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 3rd 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 22nd
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 23rd
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 23rd

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 24th

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 24th

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

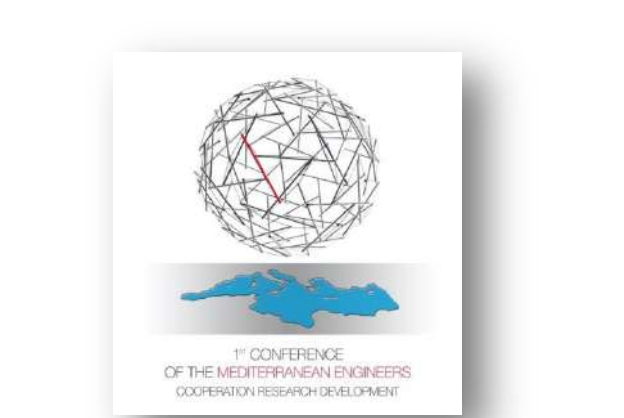
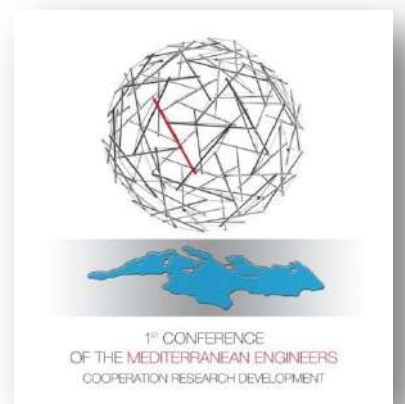
✧ **Access to Information Law**

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





Engineering Association of
Mediterranean Countries



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1st Sustainability & Energy Forum







THANK

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FOR



YOUR

ATTENTION

Engineering Association
of Mediterranean Countries