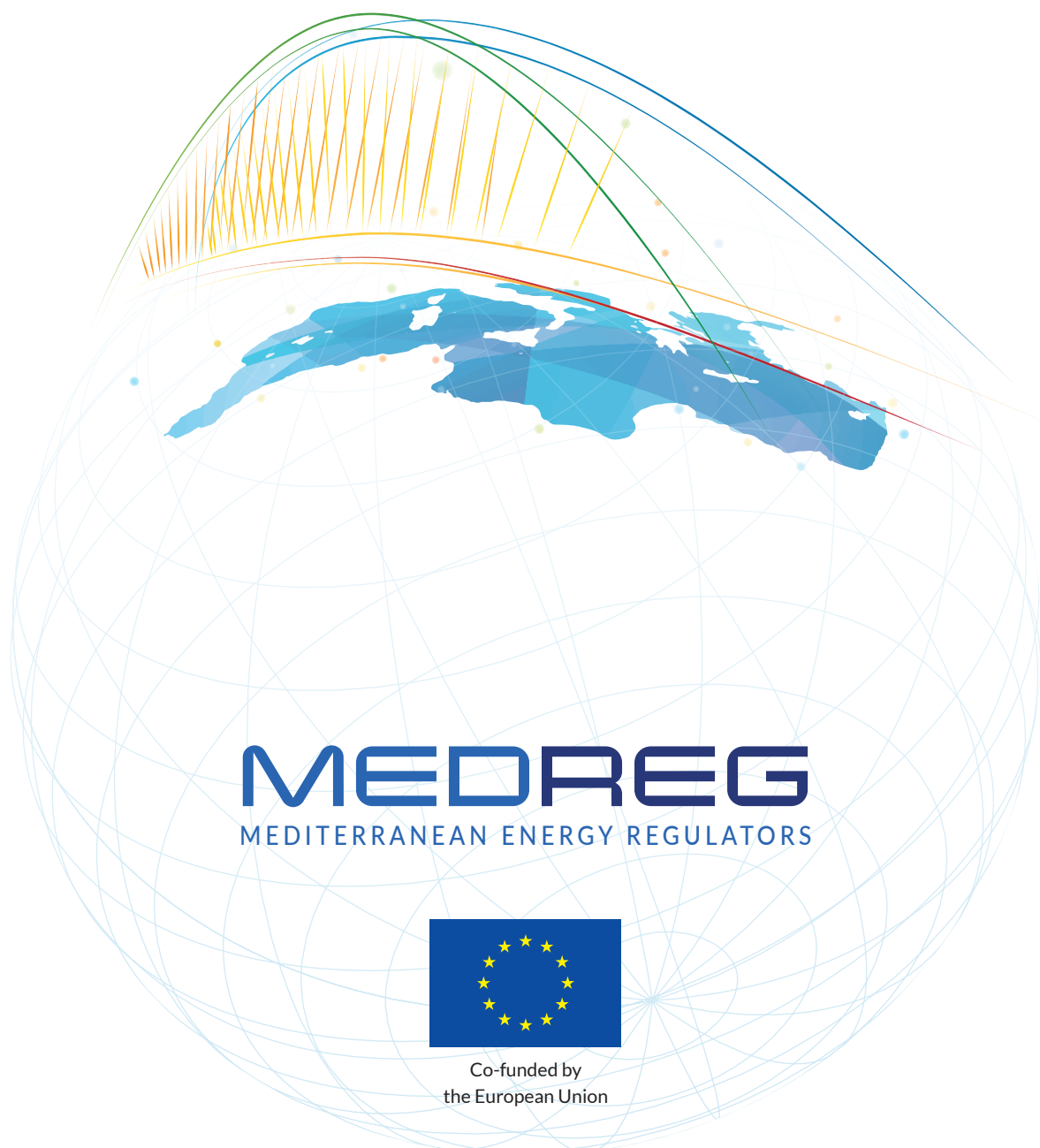
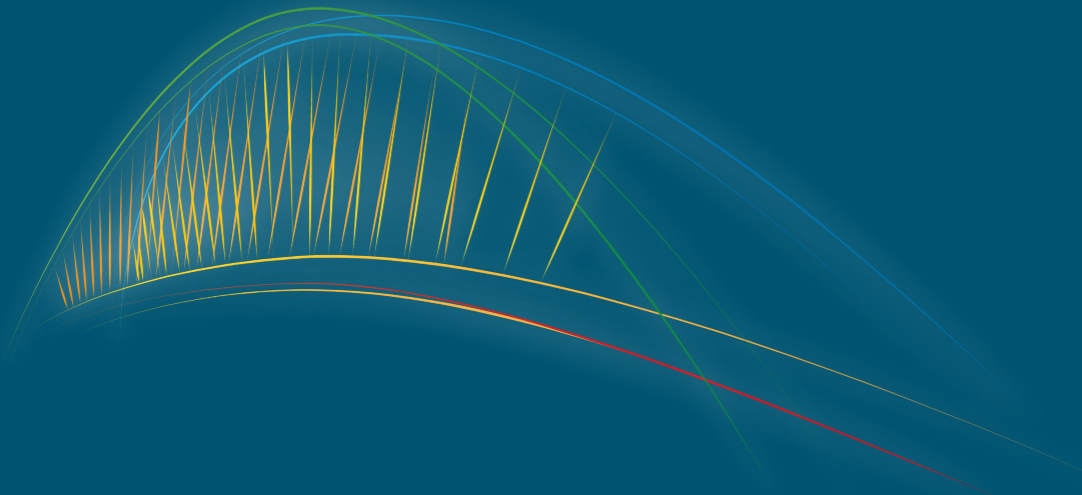


# ANNUAL REPORT

## 2019





# ANNUAL REPORT

2019

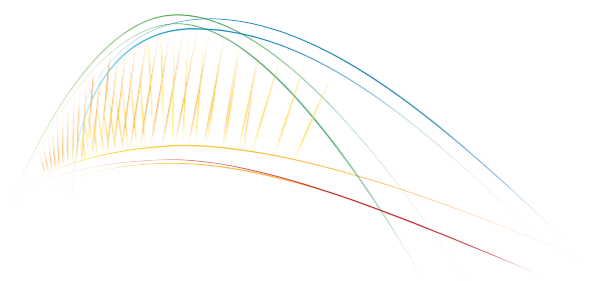


**MEDREG**  
MEDITERRANEAN ENERGY REGULATORS



Co-funded by  
the European Union

# Table of contents



<b>1</b>	Institutional message	4	<b>4</b>	Contributing to a more robust regulatory culture beyond the Mediterranean region	38
<b>2</b>	Reinforcing the regulatory capacity of our southern members through the sharing of best practices	6	<b>5</b>	What's next: Sustainability and promotion of a common long-term strategy	40
<b>2.1</b>	Algeria	8	<b>6</b>	<i>Annexes</i>	
<b>2.2</b>	Egypt	10		Governance General Assembly	42
<b>2.3</b>	Israel	12		Governance Secretariat	44
<b>2.4</b>	Jordan	14		Members	45
<b>2.5</b>	Lebanon	16			
<b>2.6</b>	Morocco	18			
<b>2.7</b>	Palestine	20			
<b>3</b>	Cultivating a regional approach towards a common and compatible energy regulation	22			
<b>3.1</b>	Monitoring and stimulating energy market integration in the Mediterranean region	22			
<b>3.2</b>	Enhancing our members' skills and expertise through the sharing of experience and knowledge	32			
<b>3.3</b>	Leading discussions on regional energy trends and demonstrating the positive impact of regional cooperation	34			
<b>3.4</b>	Reinforcing collaboration with key energy partners of the Mediterranean	36			



### Dear Mediterraneans and Friends,

Due to the growing demand for energy and rising concerns about the environmental impacts of energy use, the Mediterranean region is in further need of cooperation and solidarity. This need for cooperation, which is reinforced by today's economic challenges, is the essence of MEDREG's existence.

After a fruitful year of cooperation, MEDREG's 2019 annual report presents its impressive achievements over the past year. In 2019, we held our first presidents' meeting in which we emphasised our commitment to cooperation, especially on renewable energy deployment and gas market development at the top level. The Annual Forum held in Brussels served as another significant opportunity to explain our aspirations at a high level to a wider community.

As a major indication of the vitality of cooperation among Mediterranean energy regulators and its positive implications on the energy landscape of Europe, the European Commission acknowledged our success and agreed to renew our grant contract for three years. In this context, we elaborated a three-year strategy, clearly defining its main pillars, as well as some short-term objectives for MEDREG. These include achieving a sound institutional regulatory framework in the region, optimal conditions for infrastructure investments, functioning, competitive and transparent electricity and gas markets, efficient consumer protection, and constant cooperation with other partners to establish the Mediterranean Energy Community. Along with developing a strategy for the next three years, we also revised our founding documents and introduced working guidelines to improve the internal operation of MEDREG.

In line with our objectives, our working groups created reports regarding the status and recent developments of national power systems' characteristics and the potential of international integration in the Mediterranean. These reports also focused on decreasing technical and non-technical losses, analysed the impact of a regulator on Lebanon's electricity markets, identified auction mechanisms to promote renewable energy, and provided advice on waste-to-energy technologies in Egypt. Apart from these activities, through which we provided tailor-made support activities to our members and reports on a variety of topics, we also cooperated with other stakeholders, namely, the Union for the Mediterranean (UfM), Mediterranean Transmission System Operators (Med-TSO), and the Energy Community Regulatory Board (ECRB), to organise events and assess the level of transparency of gas infrastructure in our region.

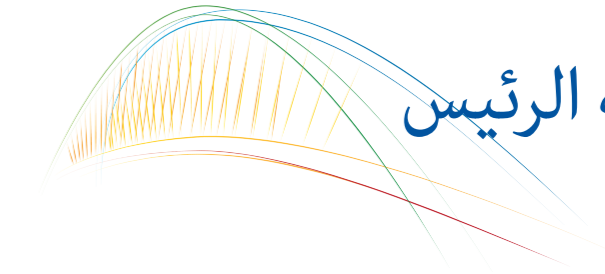
Last year was also significant for us in terms of MEDREG's visibility and outreach to international energy actors, with a media showcase event being held in Brussels, which resulted in important press articles in our Members' countries. After the success of this event, we can proudly say that the messages of MEDREG are strongly being recognised by the Europe-wide energy community and our accomplishments are being highly appreciated.

Towards the future, on the other hand, we expect our new strategy to enhance cooperation on the harmonisation of regulatory frameworks, promote infrastructure investments, integrate the Mediterranean energy markets, and empower consumers.

All our accomplishments presented in this report could not have been possible without the endeavour of our working members, our working groups, and our secretariat, as well as the European Commission. We would like to thank those who dedicated their efforts to our work and look forward to even greater achievements in the years to come.

Kind regards,

Güleşan Demirbaş  
MEDREG President



### Chers amis méditerranéens,

Face aux besoins croissants en énergie et aux préoccupations, toujours plus nombreuses, que suscite l'impact environnemental de la consommation d'énergie, la région méditerranéenne a plus que jamais besoin de coopération et de solidarité. Ce besoin, amplifié par les défis économiques actuels, est l'essence même de l'existence de MEDREG.

Au terme d'une fructueuse année de coopération, notre organisation présente, dans son rapport annuel 2019, ses remarquables accomplissements de l'année dernière.

En 2019, nous avons organisé la première rencontre des présidents, durant laquelle nous avons insisté sur notre engagement en faveur de la coopération, en particulier concernant le déploiement des énergies renouvelables et le développement du marché du gaz au plus haut niveau. Le forum annuel, qui s'est tenu à Bruxelles, nous a offert une précieuse possibilité d'expliquer quelles sont nos attentes à un haut niveau au-devant d'une communauté plus large.

Signe fort de la vitalité de la coopération entre organismes de réglementation énergétique méditerranéens et de ses implications positives sur le paysage énergétique européen, la Commission européenne a reconnu notre réussite et accepté de renouveler notre contrat de subvention pour une durée de trois ans. Dans ce contexte, nous avons élaboré une stratégie sur trois ans, en définissant clairement ses principaux piliers, ainsi que les objectifs à court terme de MEDREG. Ceux-ci visent à créer un cadre réglementaire institutionnel solide pour la région, des conditions optimales pour les investissements dans les infrastructures, des marchés de l'électricité et du gaz effectifs, concurrentiels et transparents, des mécanismes de protection des consommateurs efficaces, et une coopération permanente avec d'autres partenaires afin de renforcer la communauté méditerranéenne de l'énergie. Outre l'élaboration d'une stratégie pour les trois prochaines années, nous avons mis à jour nos statuts et instauré des lignes directrices de travail afin d'améliorer notre fonctionnement en interne.

Conformément à nos objectifs, nos groupes de travail ont établi des rapports sur l'état et l'évolution récente des caractéristiques des systèmes énergétiques nationaux et sur la possibilité d'une intégration internationale dans la région de la Méditerranée. Ces rapports traitent également de la baisse des pertes techniques et non techniques, proposent une analyse de l'impact des organismes de réglementation sur les marchés de l'électricité libanais, recensent les mécanismes d'adjudication visant à promouvoir les énergies renouvelables, et fournissent des conseils en matière de technologies de transformation des déchets en énergie en Egypte. Au-delà de ces activités, qui nous ont permis de proposer des prestations de soutien personnalisées à nos membres et d'établir des comptes rendus sur des sujets variés, nous avons également coopéré avec d'autres parties prenantes, à savoir, l'Union pour la Méditerranée (UpM), l'Association des gestionnaires des réseaux de transport de l'électricité méditerranéens (Med-TSO), et le Conseil de régulation de la communauté de l'énergie (ECRB), afin d'organiser des événements et d'évaluer le niveau de transparence des infrastructures gazières dans notre région. Nous avons également publié des rapports concernant la transparence dans les domaines du transport du gaz, du GNL et des infrastructures de stockage dans notre région.

L'année dernière a aussi été une année importante pour nous en termes de visibilité et de sensibilisation des acteurs internationaux de l'énergie. Nous avons en effet tenu à Bruxelles un événement médiatique abondamment relayé dans la presse des pays membres. La réussite de cet événement nous amène à déclarer, non sans fierté, que la communauté européenne de l'énergie reconnaît sans réserve les messages de MEDREG, et que nos accomplissements sont hautement appréciés.

Pour l'avenir, nous souhaitons que notre nouvelle stratégie renforce la coopération sur l'harmonisation des cadres réglementaires, promeuve les investissements dans les infrastructures, intègre les marchés méditerranéens de l'énergie, et donne aux consommateurs les moyens de faire entendre leur voix.

Toutes les réalisations présentées dans ce rapport n'auraient pas pu advenir sans les efforts de nos membres actifs, de nos groupes de travail et de notre secrétariat, ni sans la Commission européenne. Nous souhaitons remercier ici les personnes qui se sont investies dans notre projet et nous nous réjouissons par avance de nos réussites futures.

Cordialement,

Güleşan Demirbaş  
Présidente de MEDREG

### رسالة الرئيس

مع تزايد الطلب على الطاقة وتعاقد المخاوف المتعلقة بآثارها على البيئة، منطقة البحر الأبيض المتوسط بحاجة إلى تقوية التعاون والتضامن. هذه الحاجة إلى التعاون، وبالإضافة إلى التحديات الاقتصادية الحالية، يشكلان سبب وجود MEDREG.

تقريبها السنوي لعام 2019 الذي بين الإنجازات MEDREG بعد سنة حافلة بالتعاون، تقدم الميزة التي حققتها خلال العام الماضي.

في 2019، نظمنا أول اجتماع للرؤساء، الذي أكدنا فيه على التزامنا بالتعاون، خاصة فيما يتعلق باستخدام الطاقة المتجددة وتطوير سوق الغاز إلى أعلى مستوى. ومثل المنتدى السنوي الذي أجري في بروكسل فرصة مهمة أخرى لشرح تطلعاتنا على مستوى عالٍ لجمهور أوسع.

كمؤشر رئيسي على حيوية التعاون بين هيئات تنظيم قطاع الطاقة في حوض المتوسط وآثاره الإيجابية على قطاع الطاقة في أوروبا، أقرت المفوضية الأوروبية بنجاحنا ووافقت على تجديد عقد المنح معنا لمدة ثلاث سنوات. وفي هذا السياق، وضعنا استراتيجية لمدة ثلاث سنوات، وحددنا على المدى القصير، من بينها MEDREG بوضوح أركانها الرئيسية، بالإضافة إلى بعض الأهداف ل تحقيق إطار تنظيمي مؤسسي سليم في المنطقة، وتوفير ظروف مثلى لاستثمارات البنية التحتية، والوصول إلى أسواق للكهرباء والغاز تتسم بالشفافية والتنافسية والشفافية، وحماية المستهلك بصورة فعالة، والتعاون المستمر مع الشركاء الآخرين لتأسيس جماعة الطاقة المتوسطية. وإلى جانب وضع استراتيجية للسنوات الثلاث المقبلة، قمنا أيضاً بمراجعة وثائقنا التأسيسية وصياغة مبادئ توجيهية لتحسين التشغيل الداخلي.

وتماشياً مع أهدافنا، قامت فرق العمل لدينا بإعداد تقارير حول الوضع الراهن وأحدث المستجدات في خصائص أنظمة الطاقة الوطنية وإمكانية التكامل الدولي في منطقة البحر الأبيض المتوسط. كما ركزت هذه التقارير على تقليل المضايقات التقنية وغير التقنية، وتحليل أثر إنشاء هيئة تنظيمية على سوق الكهرباء في لبنان، وتحديد آليات البيع بالمراد من أجل تعزيز الطاقة المتجددة، وتقديم المشورة بشأن تقنيات تحويل النفايات إلى طاقة في مصر. وإلى جانب هذه النشاطات، التي قدمنا من خلالها دعماً مخصصاً لأعضائنا وتقارير حول مجموعة متنوعة من ورابطة مشغلي شبكات (UfM) المواضع، تعاوننا مع أطراف معنيين آخرين، مثل اتحاد المتوسط (ECRB) والمجلس التنظيمي لجماعة الطاقة (Med-TSO) نقل الكهرباء للبحر الأبيض المتوسط لتنظيم فعاليات وتقييم مستوى شفافية البنية التحتية للغاز في منطقتنا، ونشرنا تقارير حول شفافية نقل الغاز، والغاز الطبيعي المسال، والبنية التحتية للتخزين في منطقتنا.

وتواصلنا مع الجهات الدولية الفاعلة MEDREG وكان العام الماضي مهماً لنا أيضاً من حيث بروز في مجال الطاقة، حيث أجري في بروكسل منتدى الطاقة الذي حظي بتغطية إعلامية كبيرة ونتج عنه نشر مقالات مهمة في الصحف في الدول الأعضاء. وبعد نجاح هذا الحدث، يمكننا القول بفخر تلقى قبولاً واسعاً في أوساط المعنيين بالطاقة على مستوى أوروبا وأن MEDREG إن رسائل إنجازاتنا موضع تقدير كبير لديهم.

أما فيما يتعلق بالمستقبل، فننتوقع أن تساهم استراتيجيتنا الجديدة في تعزيز التعاون بشأن تنسيق الأطر التنظيمية، وتشجيع الاستثمارات في البنية التحتية، وتكامل أسواق الطاقة المتوسطية، وتمكين المستهلكين.

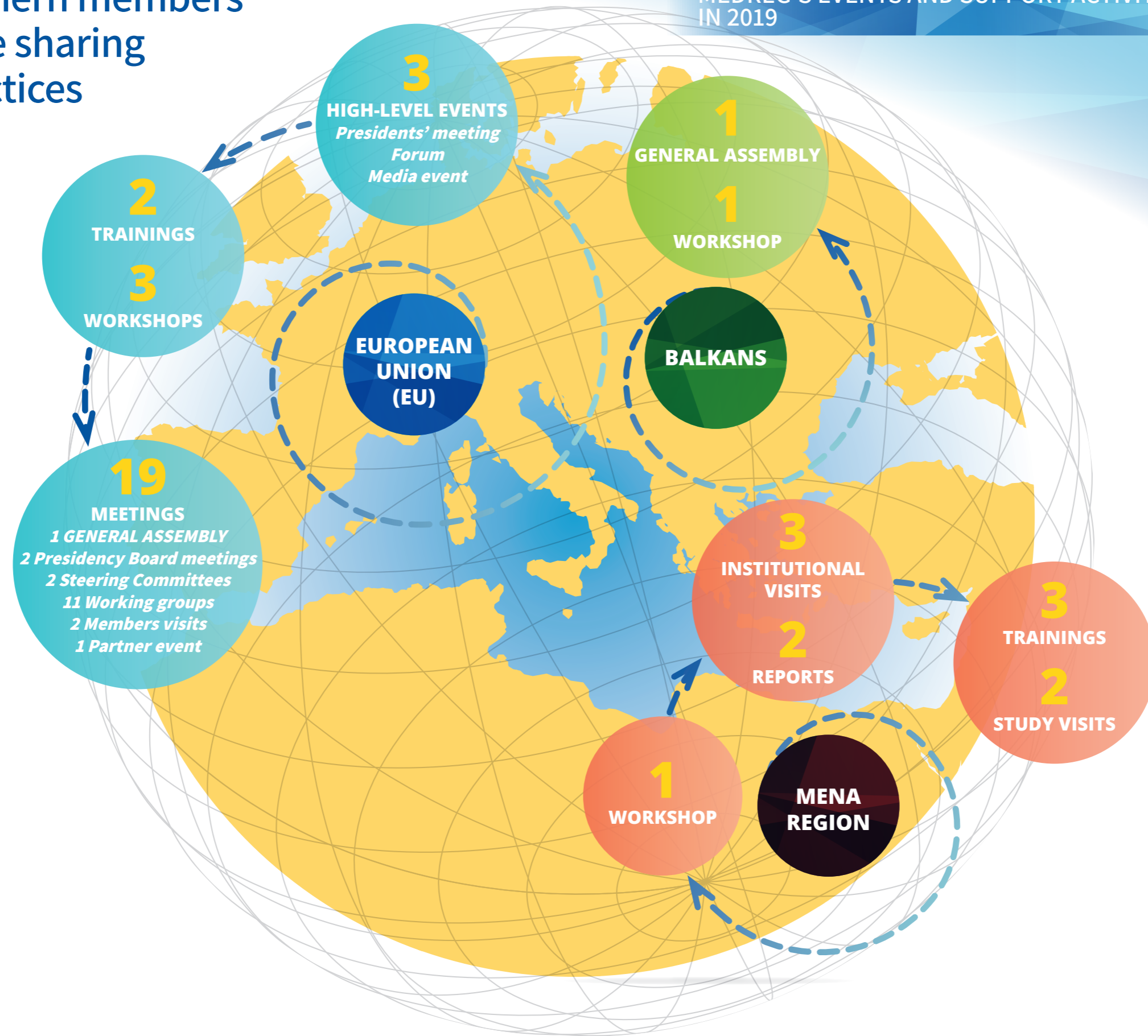
جميع الإنجازات المذكورة في هذا التقرير ما كانت تتحقق لولا جهود الأعضاء الناشطين، فرق العمل والأمانة العامة، إلى جانب المفوضية الأوروبية. ولذلك فإننا نتقدم بالشكر الجزيل إلى الذين كرسوا جهودهم لعملنا، وتطلع إلى تحقيق إنجازات أكبر في السنوات القادمة.

غولفشان ديميرباش  
رئيس MEDREG



# Reinforcing the regulatory capacity of our southern members through the sharing of best practices

## MEDREG'S EVENTS AND SUPPORT ACTIVITIES IN 2019







## Reinforcing energy cooperation with Algeria

To strengthen relations with our Algerian members and other national energy stakeholders, we participated in the Algerian Energy Forum “Towards a Strengthened Partnership for a Sustainable Energy Transition” held on 8 April 2019 in Algiers. On this occasion, we proposed to identify projects of common interests between the Maghreb and western-southern Europe, working jointly with Med-TSO on a road map for the integration of electricity markets at sub-regional level. At the margins of the meeting, we met with our two Algerian members, the Commission for Electricity and Gas Regulation (CREG), and the Hydrocarbon Regulatory Authority (ARH), discussing how to better address the regulatory challenges the Algerian energy market is facing. Finally, we met with the EU Delegation to Algeria, exchanging ideas on how to jointly facilitate the implementation of the EU Southern Neighbourhood Policy in the country.

## Algeria’s regulatory staff were trained on public service obligations for electricity and gas

The knowledge of the staff of the Algerian Commission for Electricity and Gas Regulation (CREG) was enhanced on the subject of Public Service Obligations (PSO), with a two day training held on 15-16 October 2019 in Algiers. The training examined the establishment of a methodology for setting the terms and conditions for defining, identifying and financing public service obligations for electricity and gas. It also looked at the development of public service

obligations in the EU and provided guidance on how to approach their application in the context of the Algerian regulatory framework.

## Success Story

S U C C E S S S T O R Y

How MEDREG Helped Algeria's Energy Regulator to Launch its Renewable Energy Auctions Scheme

Click

MEDREG

Co-funded by the European Union

## MEDREG on the Algerian TV



ALGERIA IN NUMBERS			
Population	43.9 million	Power generation	76.03 TWh
GNI per capita	3871 USD	Gas production	90 Bcm
Electricity demand	15672 MW	Final gas consumption	18 Bcm
Installed capacity	21.18 TW		

2019 - CREG

## What does our Algerian member say about us?

“Despite a different regulatory context, MEDREG’s workshop helped us learn from some European countries’ experiences such as Italy, Greece and Portugal about the areas in which public service obligations may exist and about the role that regulators play. This workshop constitutes a starting point for the establishment of a regulatory system to frame public service issues in the Algerian context, that could be followed by other workshops looking at the implementation modalities.”

**Mrs. Wassila ATIMENE | CREG Director of Concessions and Public Services for electricity and gas**







In Egypt we count two members, the Gas Regulatory Authority (GASREG) for the gas sector, and the Egyptian Electric Utility and Consumer Protection Regulatory Agency (EgyptERA) for the electricity sector. Their capacity to effectively regulate the market is rapidly developing, therefore in 2019 we developed three support activities for them.

### Reinforcing the Egyptian Gas Regulator's capacity to monitor its national gas market

First, we reinforced GASREG's capacity to monitor the national gas market with a training held in Paris on 24 September 2019. The different techniques and procedures utilized for the monitoring of distribution and transmission companies from a technical, economical and legal perspective were analysed, deepening also the regulator's role and powers in assessing, approving and incentivising investments plans.



### Benefiting from the Italian expertise to implement gas regulation in Egypt

Second, the Italian Regulatory Authority for Energy Networks and Environment (ARERA) welcomed GASREG in Milan on 21-23 October 2019 in order to identify the main gaps still to be fulfilled in Egypt in the field of gas infrastructure regulation, third-party access and unbundling regimes. The participants also analysed the impact the export of Egyptian gas could have on European markets.

### Advising the Egyptian regulator on waste-to-energy technology

Third, we advised EgyptERA with a tailor-made report on the waste-to-energy technology regulation, to accelerate its deployment in Egypt. The outcomes of the study are reported in Section 3.1, under the Institutional Working Group's activities.

### MEDREG in the Egyptian press

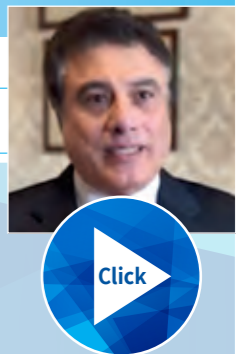
EGYPT IN NUMBERS			
Population	98.42 million	Power generation	196.8 TWh
GNI per capita	2800 USD	Gas production	38.3 Bcm
Electricity demand	30800 MW	Final gas consumption	12.11 Bcm
Installed capacity	57.3 TW		

Enerdata & MEDREG 2017-2018 data

### What does our Egyptian member say about us?

*"Being an active member of MEDREG allows us to benefit from the experience and best practices of other regulators which have undergone similar reforms, in order to transfer them in Egypt and accelerate the liberalisation process of the gas market in Egypt."*

**Mr. Karem Mahmoud | GASREG President**







## Israel's regulatory staff were trained to open its wholesale electricity market to competition

Following the decision of the Israeli government to restructure and open the electricity market, the Israeli Electricity Authority (PUA) was instructed to draft modern regulations for the new market structure, for the establishment of an independent system operator, and for licensing the new market's players. In this context, PUA requested MEDREG's support to enhance its staff's knowledge about the creation of an adequate market design in terms of capacity, energy mix, grid access and the operation of an independent system operator. On 14 and 15 May 2019, MEDREG facilitated a two-day course in Jerusalem aimed at enhancing PUA's understanding of the electricity market design in Europe and providing guidance on how to address the market reform currently taking place in Israel. MEDREG's training prepared the Israeli electricity regulator to open its electricity market to com-

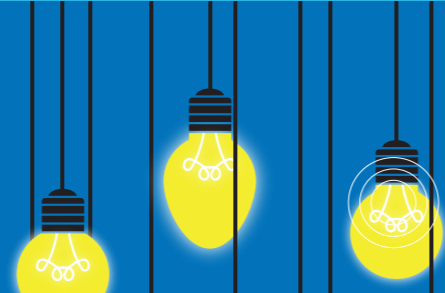
petition, by addressing the market rules, market structures, and legal and regulatory institutions that are necessary to establish a competitive wholesale market.

### The Economics of Regulation Moving from Monopolies to Competitive Wholesale Electricity Markets

MEDREG Training for the Israeli Electricity Regulator PUA



14-15 May 2019 Jerusalem, Israel



## Success Story

S U C C E S S S T O R Y

How MEDREG Assisted Israel's Gas Regulatory Agency in Establishing a Gas Distribution Framework for Residential Use

Click

MEDREG

Co-funded by the European Union

## MEDREG in the press

AURORA

Nurit Felter Eitan: "en el sector eléctrico, Israel combina las facetas de alumno y de profesor"

Click

El pasado mes de septiembre se celebró en Bruselas una conferencia organizada por Medreg, un organismo cofinanciado por la Unión Europea que asesora a países mediterráneos para mejorar sus sistemas de regulación y distribución de energía. La conferencia de dos días destacó los avances logrados en Argelia, Egipto, Israel, Jordania, Marruecos o Palestina, y sirvió como punto de encuentro para reunir a especialistas de estas organizaciones. Medreg ofrece su asesoramiento mediante

## ISRAEL IN NUMBERS

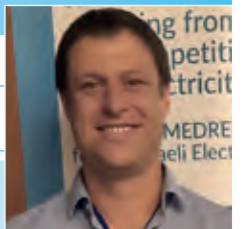
Population	9.136 million	Power generation	72.5 TWh
GNI per capita	40900 USD	Gas production	10.45 Bcm
Electricity demand	67 TW	Final gas consumption	11.25 Bcm
Installed capacity	17.8 GW		

PUA 2019 data

## What does our Israeli member say about us?

"The comprehensive MEDREG training helped us learn from the European experience in order to facilitate a more competitive and efficient market structure in the Israeli market. Learning from our colleagues' experience is a crucial element in forming an advanced Israeli electricity market that operates in line with modern global practices."

Dr. Assaf Eilat | PUA Chairman







## Presenting a concrete roadmap to improve electricity licensing procedures and regulate electricity storage

On 27 and 28 November 2019 in Amman, international energy experts presented a concrete roadmap and technical solutions to Jordanian energy stakeholders, both to improve the country's electricity licensing procedures, and to accelerate investment in the Jordanian storage system. Jointly organised by MEDREG and the Jordanian Energy and Minerals Regulatory Commission (EMRC), the workshop was meant to support and facilitate the development of Jordan's major electricity challenges.

The workshop analysed the role and powers of the regulator in issuing, revising and monitoring electricity licenses for generation, transmission and distribution.

Also, the regulation of electricity storage was explored with a focus on the barriers to and drivers of accelerated investment and deployment, while also recognizing its positive impact on the security and reliability of the electricity grid.

## Working with Jordan towards a more efficient and greener energy market

In 2019, we engaged extensively with Jordanian energy stakeholders such as the EMRC and the EU delegation to Jordan, which enabled us to grasp Jordanian energy priorities and identify the main challenges to be tackled in the near future. In addition, we took part in a proactive dialogue with Jordanian energy players who were participating in a Renewables Energy Solution for the Mediterranean (RES4MED) Workshop aimed at accelerating the renewable energy transition in Jordan.



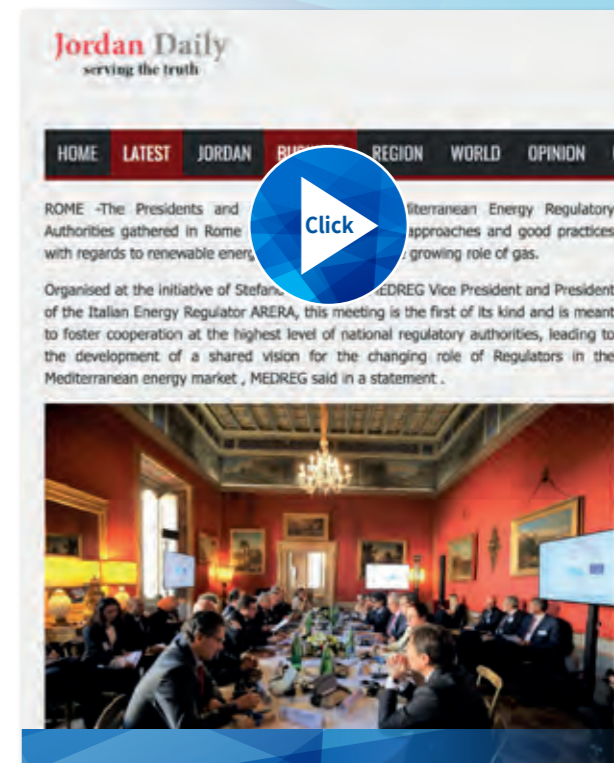
## Licensing procedures and electricity storage: a way forward for Jordan

MEDREG Workshop for the Jordanian Energy Regulator EMRC



27 - 28 November 2019 Amman, Jordan

## MEDREG in the Jordanian press



## JORDAN IN NUMBERS

Population 9.96 million  
 GNI per capita 4210 USD  
 Electricity demand 3380 MW  
 Installed capacity 5.26 TW

Power generation 19.82 TWh  
 Gas production 0.14 Bcm  
 Final gas consumption 0 Bcm

Enerdata & MEDREG 2017-2018 data

## What does our Jordanian member say about us?

*"MEDREG's workshop has provided Jordan's Regulatory Commission with various tools to improve the licensing procedures of electricity generation, transmission and distribution and to integrate energy storage technologies. It has enabled us to think about and start studying the experiences learned from other countries that we hope to apply to accompany the great revolution of energy storage technologies awaiting Jordan in the near future."*

**Eng. Wejdan Alrabadi | EMRC Deputy Chairman**







## Examining the impact of the creation of a regulator on the Lebanese electricity market

At the request of the Lebanese Center for Energy Conservation (LCEC), we commissioned a report on the establishment of an independent national electricity regulator in Lebanon, examining the impact its establishment could have on the Lebanese electricity market. The details of the study are analysed in Section 3.1 under the INS WG activities.

## Partnering with Lebanese institutional stakeholders

In a visit to Beirut on 22-23 July 2019, we reinforced our ties with our Lebanese member LCEC, defining the areas of our support for 2020 and beyond and a shared communication strategy targeted to the national audience. Meeting with the EU Delegation, we deepened our insight about the national energy policy, discussing how to combine our efforts to support the creation of the electricity regulator. We also dialogued with the Ministry of Energy, outlining the support we could provide in the organisational phase of the regulator.

## Advocating for strong regulation at the International Beirut Energy Forum (IBEF)

At the IBEF held on 26-27 September 2019, we advocated for a stronger role for electricity



regulation in Lebanon, in a panel discussion addressing the development of electricity regulation in the Mediterranean and its prospects in Lebanon. Joining forces with the International Renewable Energy Agency (IRENA), we outlined the benefits that the regulator could bring to the national electricity market.



### LEBANON IN NUMBERS

<b>Population</b>	6.85 million	<b>Power generation</b>	15.83 TWh
<b>GNI per capita</b>	6790 USD	<b>Gas production</b>	0 Bcm
<b>Electricity demand</b>	3417 MW	<b>Final gas consumption</b>	0 Bcm
<b>Installed capacity</b>	2.62 GW		

Enerdata & MEDREG 2017-2018 data

### What does our Lebanese member say about us?

*“MEDREG deploys an array of support activities to its regulatory members in order to harmonise efforts across the Mediterranean basin and in order to meet the challenges of the energy transition. Market opening, network integration and network interconnection are now becoming main success factors to which MEDREG is contributing positively.”*

**Pierre El Khoury | LCEC General Director**







### Exploring synergies between the Moroccan regulator ANRE and its Mediterranean peers

On 25 February 2019, we welcomed the Autorité Nationale de Régulation de l'Electricité (ANRE) in Milan to identify possible synergies between the different Mediterranean countries and the Moroccan Kingdom, with a particular focus on regulatory tools to integrate renewable energy sources, in light of Morocco's target of 52% RES generation capacity 2030.

### Engaging in a dialogue with our Moroccan member and energy stakeholders

With the aim to better understand the ongoing establishment of the regulator, and to jointly define our support for 2020, we paid a visit to our Moroccan member ANRE, to the Ministry of Energy, and to the EU Delegation in Rabat. In agreement with ANRE, MEDREG will focus on unbundling the electricity sector, setting of tariffs, and on the communication strategy.



### Visibility



MOROCCO IN NUMBERS			
Population	36.03 million	Power generation	34.5 TWh
GNI per capita	3090 USD	Gas production	0.09 Bcm
Electricity demand	6540 MW	Final gas consumption	0 Bcm
Installed capacity	10.9 GW		

Enerdata & MEDREG 2019 data

### What does our Moroccan member say about us?

*"In this period of take-off activity of the Moroccan Electricity Authority, MEDREG is a very important partner in helping our new Authority achieve its missions, facilitating capacity building on unbundling and tariff for instance. Thanks to MEDREG, I have had the opportunity to meet and exchange with fellow Presidents of regulatory authorities around the Mediterranean Basin working on similar issues such as with France, Italy and Portugal."*

**Mr Abdellatif Bardach | ANRE President**







Over the last years, the Palestinian electricity regulator PERC greatly benefited from MEDREG regulatory expertise especially in the field of renewable energy sources. PERC staff regularly participates in MEDREG trainings and working group meetings aimed at building the regulatory capacity of the Palestinian regulator. In addition, MEDREG contributed directly to the

evaluation of the Net Metering System in Palestine, providing regulatory, economic and technical recommendations on how to improve it. In this context, further efforts are in the pipeline in the regulation of the electricity sector, with the aim to encourage infrastructure investment, referring both to transmission and distribution networks.



### MEDREG on the Palestinian TV



### PALESTINE IN NUMBERS

Population	4.57 million	Power generation	0.024 TWh
GNI per capita	3710 USD	Gas production	0 Bcm
Electricity demand	805 MW	Final gas consumption	0 Bcm
Installed capacity	0.018 TW		

Enerdata & MEDREG 2017-2018 data

### What does our Palestinian member say about us?

*“MEDREG’s net metering report was very useful to PERC. The report’s recommendations were reflected in the net metering instructions to the Palestinian Government; the Palestinian government later on took on our recommendations and implemented them in the rule.”*

**Ms. Sireen Anton Kassis | PERC Director of Media and Public Relations Department**





## Cultivating a regional approach towards a common and compatible energy regulation

### Monitoring and stimulating energy market integration in the Mediterranean region

**Institutional Working Group (INS WG):**  
Led the personalised support initiative to members in light of national priorities

#### Meetings:

- 26th INS WG held on 27 February 2019 in Athens, kindly hosted by RAE
- 27th INS WG held on 18 September 2019 in Brussels, kindly hosted by the Secretariat



#### Deliverables:

- **Report for the Lebanese member LCEC on the “Impact of the creation of a regulator on the Lebanese electricity market”:** It recommends that in order to have a transparent and stable electricity regulatory framework in Lebanon, it is necessary to separate energy policy tasks from electricity regulation tasks. The report suggests that an Electricity Regulatory Authority should be established as an independent national electricity regulator, taking the existing regulatory tasks from the Ministry of Energy and Water and the Council of Ministers.

**Outcome:** A national electricity regulator should be established at the earliest convenience of the stakeholders in Lebanon with the aim to start with electricity regulation in the short-term and reach full functionality in the medium-term, including implementing full monitoring and sanctioning powers. As a priority, once the board of the regulator is nominated, it should start working on issuing secondary legislation concerning licences, authorisations, tariffs, and codes.



- **Report for the Egyptian Electricity Regulator EgyptERA on “Development of a regulatory framework for the waste-to-energy technology”:** Waste-to-energy is a specific power production technology that is connected to the electricity system. The report discusses what needs to be included in the technical regulation of the municipal solid waste supply chain and how the electricity supply chain should be adapted to support the adoption of waste-to-energy in Egypt.

**Outcome:** The report shows that incineration is the best option to develop waste-to-energy for Egypt. It estimates that the amount of municipal solid waste recovered associated to the 300 MW target of installed capacity in five years corresponds to 29% of municipal solid wastes recovered. The report points out how the waste management supply chain and electricity regulation need to be adapted to reach this target.

## Electricity Working Group (ELE WG): Developed regional cooperation for mutual strengthening of national electricity systems

### Meetings:

- 26th ELE WG held on 13 March 2019 in Milan, kindly hosted by ARERA
- 27th ELE WG held on 26 September 2019 in Paris, kindly hosted by CRE

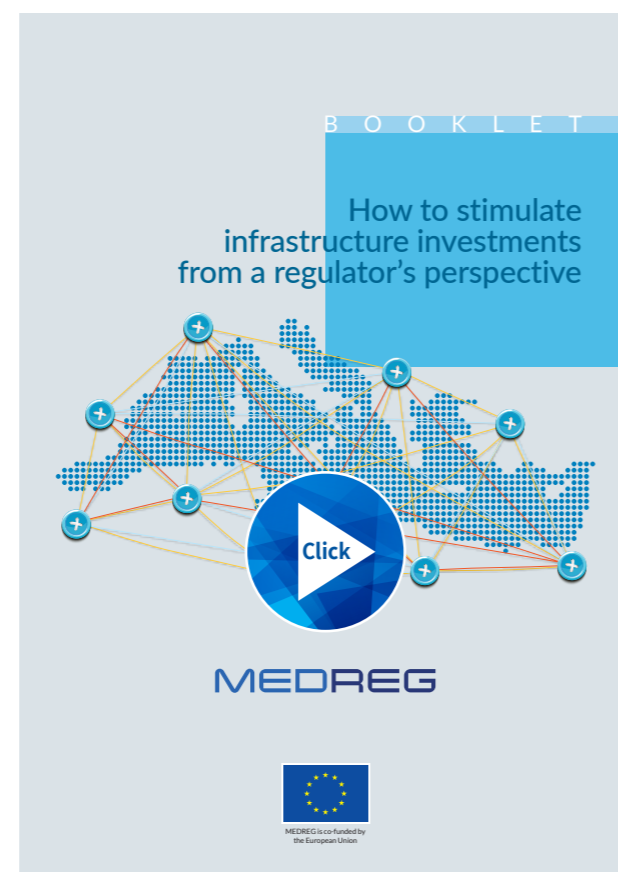
### Deliverables:

- **“Mediterranean Electricity Market Observatory”:** Since 2007, the Mediterranean Electricity Market Observatory (“MEMO report”) has monitored the evolution of national, sub-regional, and regional electricity markets. This current edition focuses on national data and regional integration. It includes indicators aimed at assessing national priorities in Mediterranean countries, and their potential to being part of integrated sub-regional and regional electricity markets.

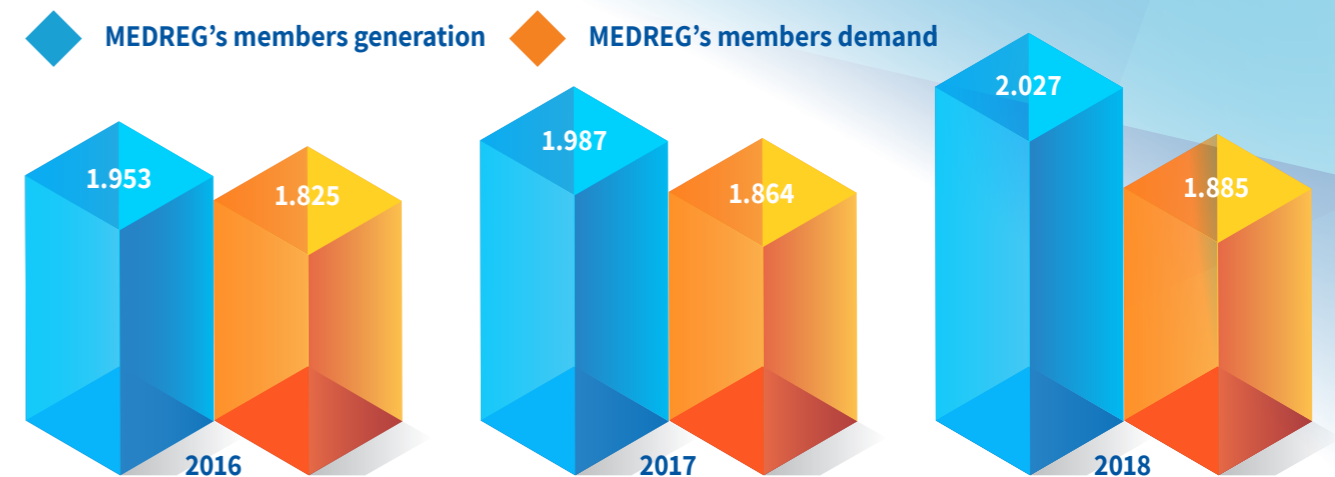
**Outcome:** The report highlights that in the north and west sides of the Mediterranean (mostly European Union members), infrastructures and supply have reached very high standards as a result of development processes that were made over the past decades. Outside the EU, networks, generation and regional integration are progressing at different speeds, depending on the area.

In particular, the dynamics of demand, following demography and the evolution of living standards, introduce some pressure on supply systems, making the security of supply and diversification of energy sources even more a priority.

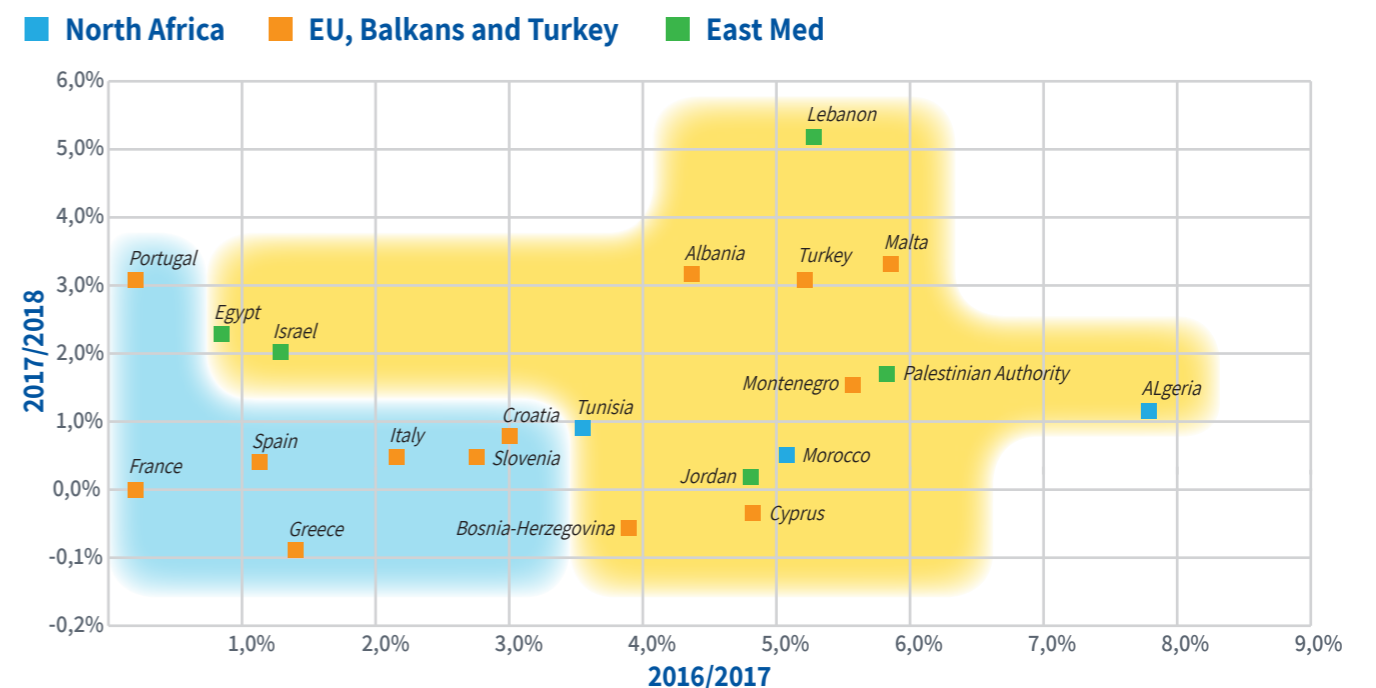
The development of renewable energy sources adds to the changes in power systems, in particular in terms of network reinforcement and flexibility. In this context, regional cooperation appears to be a preferred option for mutual strengthening of national systems. In this respect, transmission system operators and regulators still have a crucial role to play. The drafting of this report benefitted of MEDREG's close cooperation with its partner Med-TSO, particularly on the topic of Cross-Border Cost Allocation for international power interconnections.



## Evolution of power generation and demand in MEDREG's members (TWh)



## Evolution of demand in MEDREG's sub-regions



- **Booklet on “How to Stimulate Infrastructure Investments from a Regulator’s Perspective”:**

The booklet offers insights and suggestions on how to stimulate infrastructure investments from a regulator’s perspective. It is based on a

report elaborated by MEDREG’s ELE WG, which assesses the level of development of power systems among the members of MEDREG and identifies challenges and priorities for the stimulation of pertinent infrastructure investments.



## Gas Working Group (GAS WG): Measured and bolstered gas infrastructure transparency

### Meetings:

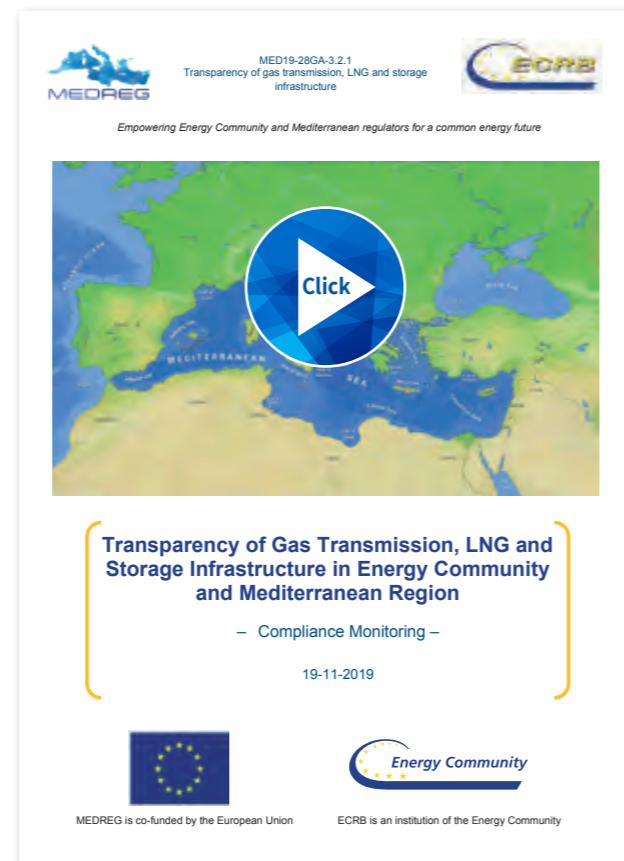
- 25th GAS WG, held on 1 February 2019 in Vienna, kindly hosted by ECRB
- 6th GAS WG, held on 25 September 2019 in Paris, kindly hosted by CRE

### Deliverable:

- **Gas Transparency Report:** Transparency is crucial and beneficial for the functioning of the gas market, as it can be a highly effective instrument for removing market barriers and facilitating competition. Therefore, the adoption and enactment of standardised and market-driven provisions for capacity allocation and congestion management is essential. This report assesses the level of transparency in gas infrastructures – transmission pipelines, LNG facilities and gas storage – among the members of MEDREG and the Energy Community Regulatory Board (ECRB). While transparency publication requirements differ among the monitored countries, this report aims to achieve a minimum common transparency standard by identifying the necessary improvements and making a set of recommendations.

➔ **Outcome:** A certain level of transparency has been established among analysed countries. However, improvements and further progress are still required. Mediterranean countries score positively on the basic requirements for transparency, namely a detailed description of

the gas system of the Transmission System Operator (TSO) that identifies all entry and exit points interconnecting its system with that of other TSOs, including maps, and specifying the interconnection points with the transmission system and gas quality and pressure requirements. This is important since it implies that even countries without specific transparency legislation already have this information in place, which is promising for achieving complete transparency. Moreover, the degree of transparency requirements has increased in comparison to the results of 2011, primarily for transmission. This indicates



that transparency is improving among the MEDREG members. However, significant improvements have yet to be seen on a second cluster of transparency issues, which are infor-

mation on services offered and related penalties, information on Third Party Access (TPA) and contracts, and on balancing regimes.

### Information on system and services - transmission: cumulative level of transparency requirements in MEDREG and ECRB countries



## Environment, Renewable Energy Sources and Energy Efficiency Working Group (RES WG): Identified appropriate RES auction schemes

### Meetings:

- 25th RES WG, held on 14 March 2019 in Milan, kindly hosted by ARERA
- 26th RES WG, held on 17 October 2019 in Nicosia, kindly hosted by CERA

### Deliverable:

- “Analysis of auction mechanisms to support RES”: This report summarises the predominant features of RES auctions and, in particular, their main characteristics and the associated legislation in different MEDREG countries. The report also provides a comparative

analysis of the various auction systems according to general criteria and characteristics. It assesses the strengths, weaknesses, opportunities and threats (“SWOT” Analysis) linked to RES auctions, and describes the RES auction experiences of countries that are valuable examples for the MEDREG region.

➤ **Outcome:** Auctions have developed significantly across a wide variety of jurisdictions and they are utilised by a number of MEDREG members under varying conditions, from which the following recommendations proceed:

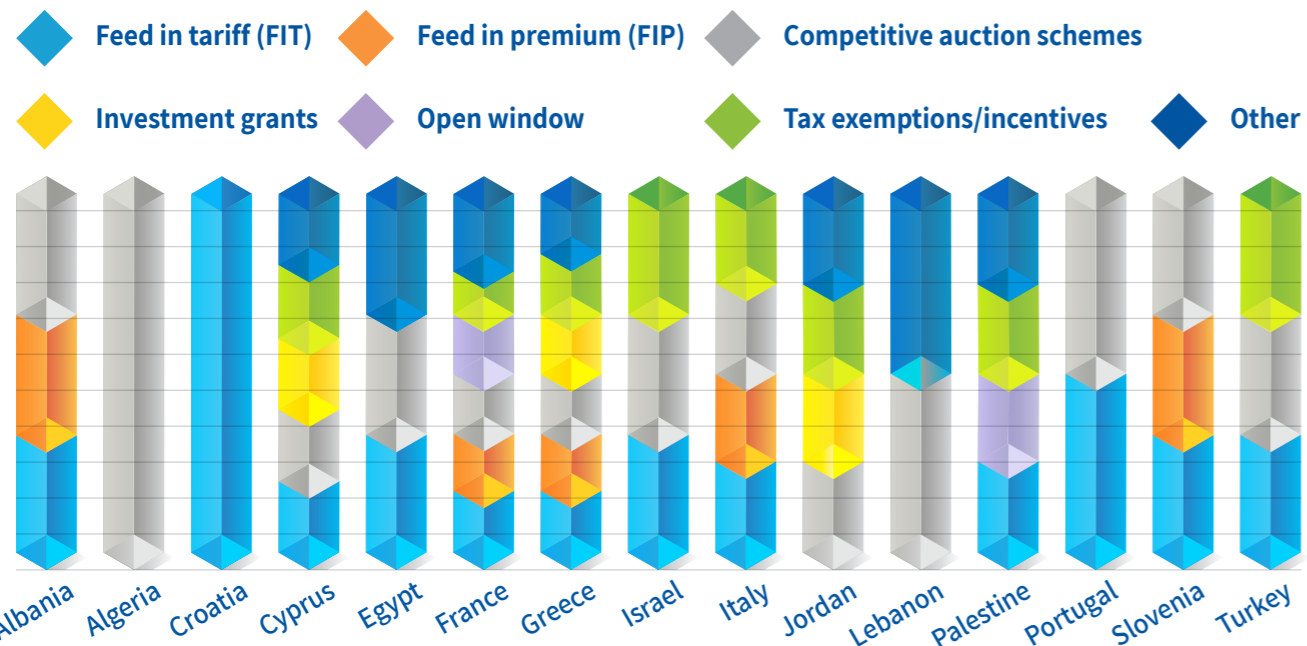
- ✓ **Preconditions to a successful auction:** RES auctions work most efficiently when certain

conditions are met: a good degree of maturity of the technologies involved, stakeholders who have sufficient knowledge of the parameters of these technologies, and a market environment that is adequately competitive.

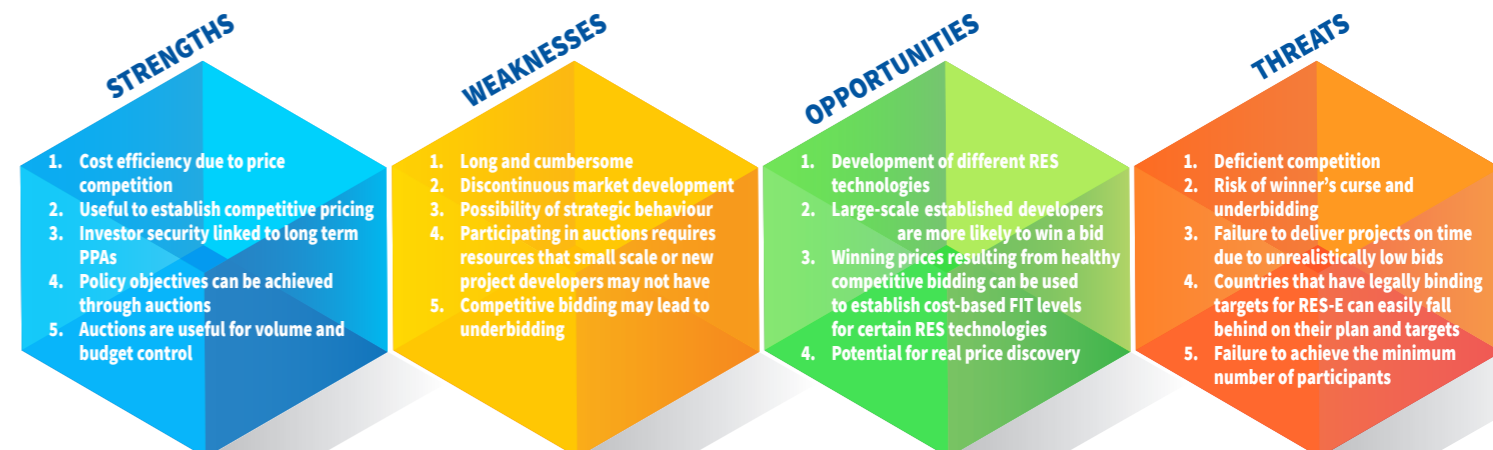
- ✓ **Comprehensively define the auction objectives:** In designing their auction, public authorities should set clear policy objectives.
- ✓ **Provide adequate and timely information to stakeholders:** Educating potential bidders upfront and promptly is instrumental to the success of RES auctions and will aid in lowering strike prices.
- ✓ **Ensure a sufficient degree of competition:** RES auctions will fall flat if the number of bids placed is not sufficient to generate competitive pressure.
- ✓ **Identifying and removing barriers to entry:** Bidders face different barriers that entail cost premiums and may even prevent them from participating in auctions. Therefore, with a view to easing the burden on potential bidders, some jurisdictions provide that permitting and preliminary studies are conducted by the state in line with the overall policies to de-risk RES investments.



### Support schemes in MEDREG countries



### SWOT (Strengths, Weaknesses, Opportunities, and Threats) analysis





## Consumer Working Group (CUS WG): Promoted personalised tools for reducing power losses

### Meetings:

- **14th CUS WG meeting, held on 20 March 2019 in Milan**
- **15th CUS WG meeting, held on 11 September 2019 in Milan, both kindly hosted by ARERA**

### Deliverable:

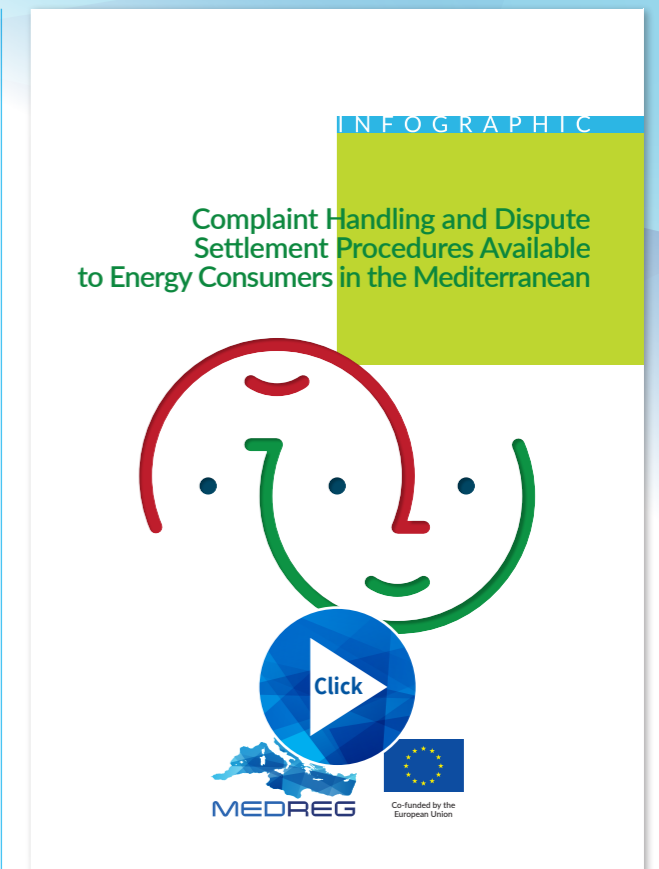
- **Report on Regulatory practices on handling technical and non-technical losses for electricity:** The reduction of power losses is one of the pillars of an energy-efficient approach to harnessing electrical power, as it contributes to stable, reliable and cost-effective energy supply, strengthening energy efficiency measures and consumer protection. With this report, MEDREG identifies the common and specific difficulties across its members, in order to guide them to work towards reducing power losses via prioritised interventions in response to their power system characteristics.
- ↳ **Outcome:** The procurement of losses is an aspect of high significance from the perspective of consumer protection. Such particular importance is related to the fact that, in the majority of cases, the costs of losses are charged to consumers. Therefore, the accountability and transparency principle should be observed along with the process of drafting, consulting and introducing measures that will incentivise system operators to minimise the

losses incurred. The roll-out of the new generation of smart meters should be promoted, since the remote meter readings enable more frequent bills to be issued on actual readings rather than estimates, reduce inaccuracy in billing due to human error, and provide consumers with easier means to access information on consumption. Demand-side management is recommended for countries with relatively high technical losses so that they can shift the demand. System operators should be encouraged to take actions that facilitate load



balancing of a network and the introduction of power factor correction equipment.

- **Booklet on complaint handling and dispute settlement procedures available to energy consumers:** This pedagogical publication is based on a report from the Consumer Working Group that discusses best practices and offers recommendations for the implementation of minimum criteria to guarantee household consumers prompt and fair dispute resolution procedures.





## Enhancing our members' skills and expertise through the sharing of experience and knowledge

### Training on the scope and role of regulation 10-12 June 2019, Milan

Eighteen regulatory staff from 10 different MEDREG member regulators participated in a training to learn about the scope and role of regulation.

Through interactive lectures given by energy regulators, academics and professionals from energy companies, this training provided an overview of the various regulatory models that can govern electricity and gas markets, illustrating the pros and cons of each. The course balanced theory with practical case studies as well as a group workshop, enabling participants to get to know each other better and create lasting relationships as regulatory peers of the Mediterranean.

*“Excellent training! The lectures were informative and fruitful and we will definitely examine the implementation of some of the models presented at the training in the Israeli electricity sector.”*

**Aviad Drori and Oren Ben-Shimon**  
(PUA, Israel)

*“The training organised by MEDREG allowed us to harmonise our vision with the one of the other Mediterranean countries and to exchange with them on their experience gained from the opening of the market that is ongoing in their respective countries.”*

**Imed Eddine Khenfri and Kahina Messaoudene**  
(CREG, Algeria)

*“This training gave us the adequate regulation tools - inspired by EU best practices - to build a viable market for renewable energy in Lebanon, to facilitate investment in the sector, and deal with the high uncertainty of the Lebanese reality.”*

**Rani Al Achkar**  
(LCEC, Lebanon)



### Workshop on facilitating the understanding of RES auction mechanisms and sharing regulatory best practices - 17 October 2019, Nicosia

Held back-to-back with the RES WG, it explored how the new EU RES Directive is fostering the deployment of RES in the EU, presenting some of the new provisions included as support schemes for RES electricity integration, consumer empowerment and self-consumption. Applying these notions to the Mediterranean, speakers discussed the RES auction mechanisms implemented in the region, and stressed the role of energy regulators in facilitating their development.

The different MEDREG case studies have shown that no single perfect auction design exists as policy targets and market conditions of each country have to be taken into account when designing them. In addition, it was also remarked that the extent to which the market environment affects the outcome of auctions is highly dependent on their design, therefore it is required to constantly monitor and adjust it, according to the evolution of policy goals and market conditions.





## Leading discussions on regional energy trends and demonstrating the positive impact of regional cooperation

### Showcase event on the positive impact that MEDREG's support brought to regulatory reforms in the southern Mediterranean

On 19 September 2019 in Brussels, journalists from all around the Mediterranean came to hear the successes achieved by MEDREG in the last two years, through the voices and testimonies of member regulators from Algeria, Egypt, Israel, Jordan, Morocco and Palestine. The media event resulted in substantial coverage in the national press and TV of Southern Shore countries.

*“Regional dialogue is the ‘raison d’être’ of EU policy support. [...] MEDREG plays a vital role as a technical and functional cooperation platform that manages to overcome the political differences affecting the region”.*

**Mrs. Henrike Trautmann, Head of Regional Programs Neighbourhood South, European Commission**

#### Media coverage

- Morocco:**
- LesEco.ma
  - Le Economiste
- Algeria:**
- Echorouk News TV



- Egypt:**
- Egypt Today
- Jordan:**
- Alrai Daily newspaper
- Israel:**
- Aurora
- Palestine:**
- Palestinian TV
- Belgium:**
- Energyreporters
  - Neweurope

### MEDREG's Energy Forum on the future of gas and renewable energy

On 6 November 2019 in Brussels, MEDREG held an Energy Forum which attracted nearly 80 representatives of international institutions, regulators, industry and academia, who engaged in a pro-active dialogue about the role of gas and renewable energies in shaping the development of Mediterranean energy markets. Decarbonisation, digitalisation, innovation and new technologies emerged as crucial elements to be taken into account in the regulatory framework in order to accommodate the changes to come.



### MEDREG members' Presidents reinforce collaboration at the highest level

The first of its kind, this meeting held in Rome on 10 December 2019 at the initiative of ARERA saw the participation of 41 high level regulatory experts, including 12 Presidents and Commissioners of Mediterranean energy regulatory authorities. All were willing to cooperate more closely and develop a shared vision for the changing role of regulators in the Mediterranean energy market, addressing the growing role of gas and renewable energy sources as pertinent vehicles for the transition toward decarbonised energy markets. Over the last years, the competences of Mediterranean regulators have indeed steadily grown, and the commitment of Presidents toward the organ-

ization has undoubtedly given a additional boost toward the recognition of MEDREG as a relevant player of Euro-Mediterranean energy cooperation. Such dialogue, which was also enriched by the industry perspectives with the active contributions of Mr. Antonio Cammisecra, CEO of the Italian energy company ENEL Green Power, and of Mr. Marco Alvera, CEO of gas utility SNAM, gave participants the possibility to raise country-specific problems and questions, which fellow participants answered in the framework of three sessions of discussion and interaction that revealed the different stances and challenges of the Mediterranean countries.



*“MEDREG is a very important platform to share experiences and develop a common understanding of the main issues and challenges currently faced by Mediterranean Energy Regulators. Such cooperation should be increasingly translated into joint actions with practical and visible outcomes.”*

**Mr. Stefano Besseghini, President of ARERA**





## Reinforced collaboration with key energy partners of the Mediterranean

### Increasing our involvement within the Union for the Mediterranean (UfM)'s energy platforms

MEDREG played an important role in the UfM Energy Platforms through its technical Working Groups and Secretariat. As a main actor in the Regional Electricity Platform, MEDREG contributed with its report on the Mediterranean Electricity Market Observatory, which assessed the national energy market data and possibilities for regional integration. With regard to the UfM Gas Platform, MEDREG contributed to their activities and reports providing technical expertise on regulatory issues. Last year, the Renewable Energy Efficiency Platform initiated its activities and MEDREG was invited to provide its technical support to its work.

In addition, MEDREG produced an animated video that educates the general public on the role regulation plays in the institutional framework of UfM.

Indeed, 2019 witnessed an intense exchange between MEDREG and UfM, with regulators participating in:

- **One meeting of the UfM Regional Electricity Market Platform;**
- **Three meetings of the UfM Gas Platforms, with contributions to three technical reports;**

- **One meeting of the Renewable Energy and Energy Efficiency Platform;**

- **One Annual meeting of the three Platforms.**



### Teaching key players how to regulate electricity infrastructure investment hand-in-hand with Med-TSO

In light of their common interest in strengthening the harmonisation of regulatory frameworks and in speeding up operative integration of Mediterranean electricity markets, MEDREG

and the Association of the Mediterranean Transmission System Operators (Med-TSO) partnered to offer a three-day training to their members on regulating electricity infrastructure investment

for more productive long-term planning. Taking place on 10-12 December 2019 in Rome and involving 48 participants, the training focused on planning, feasibility, and incentives when designing a market-based power system. The course gave a comprehensive view of planning options to make productive investment decisions and the pros and cons of each of them, most importantly including costs. Thus, participants left with a more holistic view of how to build an investment infrastructure, including a review of all incentive models used in Europe and the steps needed for integrating wholesale and balanced markets in the future.



### Pursuing our dialogue and close collaboration with the European Commission (EC)

Since the creation of MEDREG in 2007, the EC has been a privileged partner and has provided invaluable support. The close relationship between our organisation and the European institution has taken the form of important and renewed financial contributions over the years, as well as constructive exchanges, meetings and guidelines from the European Neighbourhood Policy and Energy Departments that have enriched MEDREG's strategy and vision.



*“MEDREG has been instrumental in the last years in supporting regulatory authorities and developing transparent regulatory frameworks capable of addressing the challenges of climate change, geo-political instability and market integration.”*

**Mr. Leonidas Kioussis / International Relations Officer / (DG ENER), European Commission**

*“We count on MEDREG to help the EU in giving substance to energy policies that address climate and environmental issues in the Mediterranean region, responding to the demand of citizens.”*

**Mr. Stefano Dotto / Head of Sector, Climate change, Energy, Environment and Transport / (DG NEAR), European Commission**



## Contributing to a more robust regulatory culture beyond the Mediterranean region

### Stimulating private investment in renewable energy with regulators of South East Europe and the Black Sea region

To highlight the importance of regulatory cooperation in stimulating renewable energy uptake, MEDREG and the Energy Community Regulatory Board (ECRB) shared insights on how net metering could serve as an enabling policy to stimulate private investment in renewable energy, in a joint workshop held in Tirana on 18 June 2019. The role of auctions in supporting price decreases spurring a competitive environment was also widely discussed, including the most recent cost trends and competitiveness indicators in the MEDREG and ECRB region with respect to renewables.



### Supporting consumers to become active energy market participants with European, South East European and Black Sea region regulators

In the framework of their trilateral cooperation agreement, energy regulators from the Mediterranean, the EU and the Balkans met to strengthen regulatory dialogue to support consumers in becoming active energy market participants, discussing the risks and opportunities the digitali-

sation of the energy sector brings to their empowerment. This second Trilateral CEER-ECRB-MEDREG Workshop debating on the role regulation will play under the new law that empowers consumers and promotes digitalisation took place in Brussels on 25 June 2019.

### Examining mini-grids' potential for global electrification with Regional Associations of Emerging Markets

On 3 December in Milan, MEDREG hosted the 8th high-level annual meeting for Associations of regulators representing emerging economies to develop cooperation in several areas of energy regulation. Currently, the Associations

are collaborating on the joint study on mini-grids, which will review the different international approaches for regulating them and provide an overview of their role in enhancing global electrification.

### Contributing to the cooperation efforts of the International Confederation of Energy Regulators (ICER)

Being an active ICER member, in 2019 MEDREG contributed to the revision of its statute, the modernisation of its website and logo and the review of the Annual Report.

MEDREG also began preparations for the next World Forum on Energy Regulation (WFER), which will be held in Lima (Peru) in 2021.

### Advocating our main objectives and disseminating our deliverables at high-level fora and conferences

- Workshop on “Knowledge Exchange on Regulatory Sandboxes to Enable Smart Grid Deployment”, **1-3 April 2019, Stockholm (Sweden)**
- Algerian Energy Forum “Towards a strengthened partnership for a sustainable energy transition”, **8 April, Algiers (Algeria)**
- Workshop of the Italian Embassy in Tirana on “Energy Transition and the challenges for a liberalised and integrated market: The Albanian Case”, **9 April 2019, Tirana (Albania)**
- Stakeholder event of the Center for Mediterranean Integration (CMI) and the European Commission on the EU “Clean Energy for all Europeans” package for the use of Southern and Eastern Mediterranean Countries, **10 April 2019, Brussels (Belgium)**
- International Energy Agency (IEA) workshop on “LNG for Maritime Shipping”, **7 May 2019, Paris (France)**
- International Smart Grids Action Network (ISGAN) Forum on “Accelerate Market Uptake of Smart Grids”, **27-29 May 2019, Vancouver (Canada)**
- ENTSO-G Workshop on the “Supply Potential and Market Related Assumptions for Ten-Year Network Development Plan (TYNDP)”, **10 July 2019, Brussels (Belgium)**
- 2nd UfM Energy and Climate Business Forum on “Supporting local authorities in their efforts towards the energy transition”, **18 July, Lisbon (Portugal)**
- 10th Turkey Energy Summit, **7 October 2019, Antalya (Turkey)**
- Policy Conference on Energy Transition Governance for Better Energy Security in Europe, Center for the Study of Democracy, **17 October 2019, Paris (France)**
- Seminar on the energy transition in Algeria, co-organised by the Italian Institute of International Affairs and the Italian Embassy, **11 November 2019, Algiers (Algeria)**
- Final conference of the project KEP - Know How Exchange Programme, “CEI - Central European Initiative Support for Strengthening Energy Regulatory Authorities in the Western Balkans - second phase”, **27 November 2019, Rome (Italy)**
- MeetMED Workshop on Energy Efficiency in Appliances, UfM REEE Platform Working Group on Energy Efficiency (EE) in Appliances, **4-5 December 2019, Barcelona (Spain)**
- UfM Gas Platform Conference and Working Group on Cooperation among TSOs in the Mediterranean Region, **16-17 December 2019, Brussels (Belgium)**

## What's next: Sustainability and promotion of a common long-term strategy



### Establishing independent regulators with clear powers and competences

Through expert missions, site visits and peer review processes, MEDREG assesses and delivers recommendations and measures to its member regulators to improve their institutional capacity and internal organisation. MEDREG also

provides insights to its members to achieve accountability and transparency in their decision-making process, to support the development of current and future energy experts and practitioners.



### Developing regulatory frameworks to promote infrastructure investments

MEDREG recognises energy infrastructure as a fundamental factor for the development of energy markets. MEDREG disseminates guidelines of best practices and benchmarks existing regulatory approaches against those guidelines,

to facilitate progressive convergence of regulatory frameworks in the region. It also contributes to improving the existing regulations for the integration of RES into the system in line with the EU reference and national regulations.



### Fostering functioning and competitive energy markets

Along with its strong commitment to establish sound regulatory frameworks and solid independent regulators in member countries, MEDREG aims at facilitating the creation of open and competitive domestic electricity and gas

markets. To this end, MEDREG supports the harmonisation of regulatory frameworks compliant with the specific requirements for cross border interconnections



### Developing mechanisms to empower and protect consumers

MEDREG supports enhancements of security and quality of supply to the benefit of consumers. MEDREG recognises that there is no better mean of effective protection than the proper engage-

ment of consumers in the market. Member regulators are also supported regarding development of effective mechanisms for the protection of vulnerable consumers.

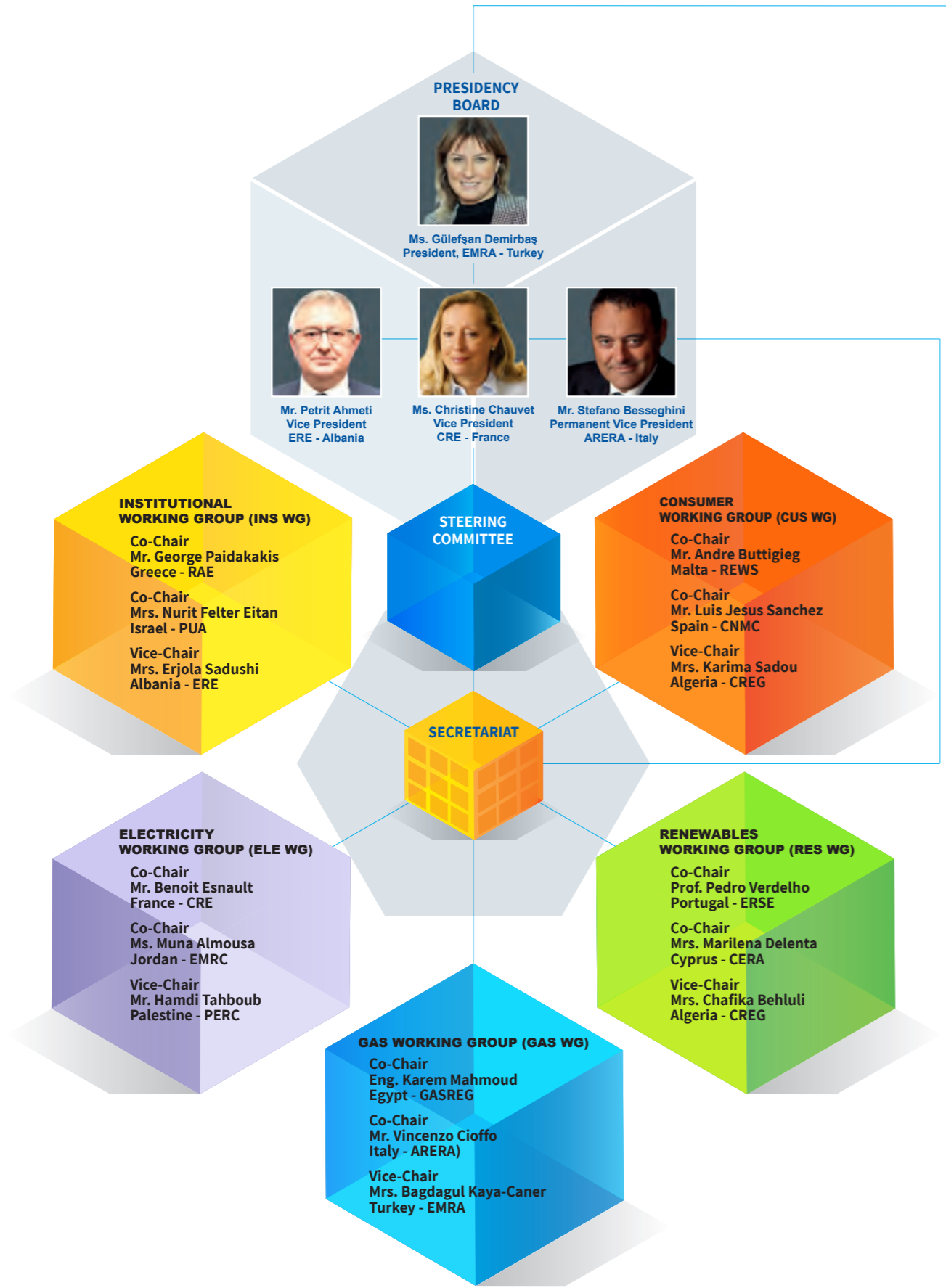


### Intensifying regional cooperation

MEDREG aims at creating a Mediterranean regulatory culture through an advanced level of regional cooperation and at embedding a regulatory view in the Mediterranean energy sector. Energy integration must be developed in a context of increased regional cooperation.

Therefore, MEDREG has established relationships with the main energy stakeholders in the region and plays an active role in the UfM Energy Platforms, to increase the awareness of energy matters beyond the sphere of regulators, by participating in a multi-stakeholder process.





• **General Assembly**

The General Assembly (GA) is the decision-making body of the Association and meets two times every year. Among other prerogatives, the GA approves MEDREG’s Action Plan, its annual budget, the reports and studies issued by the Working Groups (WGs) and the Secretariat, as well as protocols and agreements with external bodies and organisations. The GA elects the President and Vice-Presidents of MEDREG as well as the Chairs and Vice-Chairs of the WGs.

The GA consists of the President, the Vice-Presidents, the Chairpersons of the WGs, high-level representatives from MEDREG members, and representatives of the MEDREG Secretariat. The European Commission is invited to the General Assembly meetings as an observer with no voting rights.

**Presidency Board**

The Presidency Board is composed of the President and three Vice Presidents. The President manages the Association and represents it externally in accordance with the decisions taken by the General Assembly (GA). She is supported in her duties by three Vice Presidents. The President and two Vice Presidents are elected from among the members by the GA on a ro-

tating basis with a mandate of two years. In addition to the two elected Vice-Presidents, the Italian regulator ARERA is assigned with the role of Permanent Vice-President, considering the strong and continuous support it offers to MEDREG.

**Steering Committee**

The Steering Committee coordinates the ordinary activities of the Association in accordance with the General Assembly’s instructions, preparing its work, supervising implementation of the Action Plan, and providing orientations. The Steering Committee has no decisional powers. It is composed of the President, the Vice-Presidents, the Chairpersons of the Working Groups, as well as representatives of the MEDREG Secretariat.

**Areas of work**

Currently, MEDREG has five Working Groups (WGs), composed of representatives from each member regulator. WGs are permanent bodies of the Association. They meet physically at least twice a year and are led by two regulators acting as co-chairs, supported by another regulator acting as vice-chair. WGs organise their annual agenda based on the principle of subsidiarity.



MEDREG's 27th General Assembly, 19 June 2019, Tirana (Albania)



## Secretariat

The Secretariat develops and implements the MEDREG strategy in close coordination with all the members, enhancing MEDREG's accountability and institutional cooperation in the Mediterranean energy sector.

The MEDREG Secretariat is in charge of the management and development of the Association's activities, guaranteeing continuous support to the President, Vice-Presidents and all members. It is based in Milan, Italy.



	ALBANIA	ERE	Albanian Electricity Regulatory Authority
	ALGERIA	CREG	Electricity and Gas Regulation Commission
	ALGERIA	ARH	Hydrocarbon Regulatory Authority
	BOSNIA AND HERZEGOVINA	SERC	State Electricity Regulatory Commission
	CROATIA	HERA	Croatian Energy Regulatory Agency
	CYPRUS	CERA	Cyprus Energy Regulatory Authority
	EGYPT	EGYPTERA	Egyptian Electric Utility and Consumer Protection Regulatory Agency
	EGYPT	GASREG	Gas Regulatory Authority
	FRANCE	CRE	Regulatory Commission of Energy
	GREECE	RAE	Regulatory Authority for Energy
	ISRAEL	PUA	Public Utilities Authority - Electricity
	ISRAEL	NGA	Natural Gas Authority
	ITALY	ARERA	Italian Regulatory Authority for Energy, Networks and Environment
	JORDAN	EMRC	Energy and Minerals Regulatory Commission
	JORDAN	MEMR	Ministry of Energy and Mineral Resources
	LEBANON	LCEC	Lebanese Center for Energy Conservation
	LIBYA	ME	Ministry of Electricity and Renewable Energy
	MALTA	REWS	Regulator for Energy and Water Services
	MONTENEGRO	REGAGEN	Energy Regulatory Agency
	MOROCCO	ANRE	NATIONAL ELECTRICITY REGULATORY AUTHORITY
	MOROCCO	MEM	Ministry of Energy, Mines and Sustainable Development
	PALESTINE	PERC	Palestinian Electricity Regulatory Council
	PORTUGAL	ERSE	Energy Services Regulatory Authority
	SLOVENIA	AGEN-RS	Energy Agency of the Republic of Slovenia
	SPAIN	CNMC	National Commission on Markets and Competition
	TUNISIA	MEMER	Minister of Energy, Mines and Renewable Energies
	TURKEY	EMRA	Energy Market Regulatory Authority





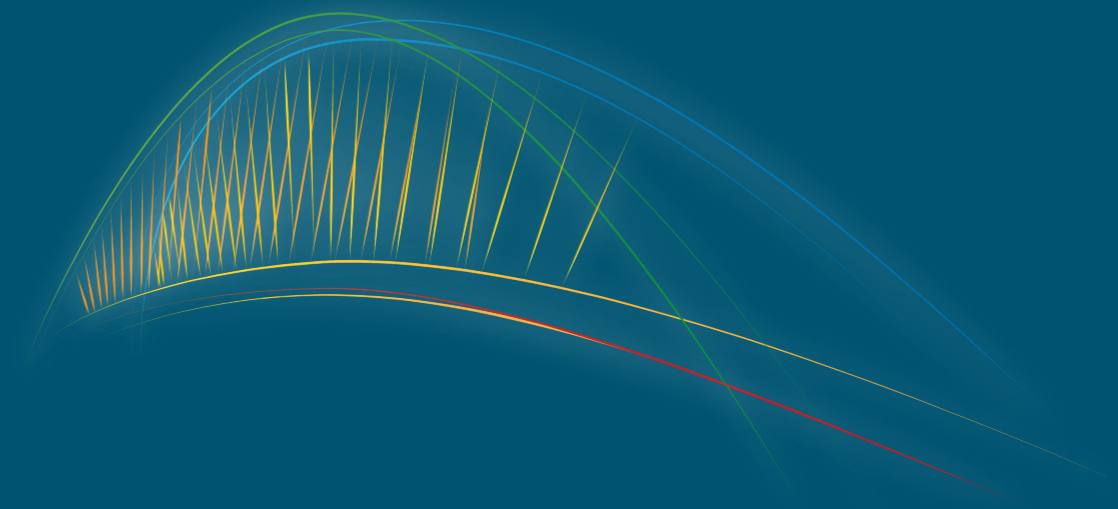
The contents of this document are the sole responsibility of MEDREG and can under no circumstances be regarded as reflecting the position of the European Union.

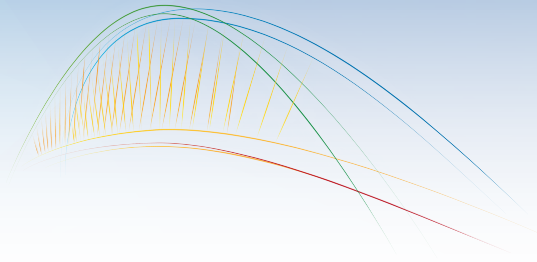
CREDITS

Editorial Project and Content  
MEDREG's Secretariat

Design Project and Production  
Forgioli Design

Published by MEDREG in 2020





**MEDREG**

Via Fieno, 3 - 20123 Milan, Italy

---

Tel: +39 340 293 80 23

---

E mail [info@medreg-regulators.org](mailto:info@medreg-regulators.org)

Web [www.medreg-regulators.org](http://www.medreg-regulators.org)

---

Follow us on



MEDREG is co-funded by  
the European Union