



ERRA in 25 years



ERRA in Numbers today



How it started



- In the late 1990s, the U.S. Agency for International Development (USAID) recognized the need to provide support to the nascent energy regulatory authorities in Europe and Eurasia. Through USAID support, 15 national regulators came together to create the Energy Regulators Regional Association (ERRA), an organization that accelerated energy reform and technical growth in the region.



- ERRA's journey to self-reliance is a testament to the commitment of its membership and the dedication of USAID and its implementing partner NARUC to the goal of quality and effective regulation.

Effective Regulation



1998



USAID, with the support of the National Association of Regulatory Utility Commissioners (NARUC, USA), launches effort to coordinate an information exchange program among the newly created energy regulatory bodies in Central and Eastern Europe and Eurasia.



NARUC
National Association of Regulatory
Utility Commissioners

1999



- On December 9, **energy regulators sign the “Founding Principles,” setting the stage for ERRA's formation.** Seeking to improve national energy regulation in member countries, the Principles also aimed to foster the development of stable energy regulators with autonomy and authority as well as improve cooperation and facilitate information exchange among regulators on technical issues.
- ERRA’s **Committees on Licensing/Competition, Tariff Pricing and Export/Import** issue their first papers. Technical papers of the committees served as the most important early outputs of ERRA, providing actionable and timely information on key regulatory issues.

1999



2000



- On December 11, the **15 founding members formally established ERRA** and elected a 5-member Presidium (executive body) to govern the Association. ERRA's first elected Chairman was Dr. Péter Kaderják, Chairman of the Hungarian Energy Office.
- The **founding members** were: Albania, Armenia, Bulgaria, Estonia, Georgia, Hungary, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Moldova, Poland, Romania, Russian Federation and Ukraine.

2000



2000



2001



ERRA is legally registered in April 2001 with headquarters in Budapest, Hungary. The Secretariat was hosted by the Hungarian Energy Regulatory Office.



2001



2002



ERRA members hold their **first Energy Investment & Regulation Conference**, in Budapest, Hungary. To date, the conference stands out as a flagship event in the region and offers high-level engagement between regulators and energy industry stakeholders while also offering cutting edge scholarship on current energy issues.



2003

ERRA launches **ERRA Summer School: Introduction to Energy Regulation**, the first in a series of structured training courses.



The program successfully spread best practices and lessons learned throughout member regulators and others, facilitating gains for all. ERRA's early training courses were developed with pilot funding from USAID as a means of providing critical training to regulators in the region.

2004



- ERRA members decide to expand **Presidium to seven members**, including a Chairman and Vice Chairman.
- **The Association had grown to 22 Full Members and 4 Associate Members**, thereby almost **doubling the membership** in just a few years.

Purpose of the Association

- To improve national energy regulation in member countries (including enhancing regulatory methods and practices);
- To foster development of stable energy regulators with autonomy and authority;
- To improve cooperation among energy regulators.

Objectives of the Association

- Increase communication and the exchange of information, research and experience among Members;
- Increase access to energy regulatory information and experiences around the world and promote opportunities for training;
- Provide educational and training programs related to the purpose of the Association.

2004



2005



ERRA members and representatives from USAID and NARUC commit to develop a comprehensive **“in-house” training program** offering junior to mid-senior level courses. The commitment marked the rapidly growing sophistication and technical abilities of ERRA members and the need for greater levels of scholarship and education.



Introducing the **Peer Review Programme:**

- The efforts of ERRA members to continually improve their regulatory frameworks and processes involved a bilateral peer review process. The Regulatory Peer Review program was practiced among ERRA members and was also supported within the INOGATE Programme.

Purpose: to have an open assessment and discussion among regulators regarding their legal frameworks and regulatory practices.

The peer reviews took place in a confidential setting as a collaborative process based on dialogue between colleagues.

The reviews enabled regulators to draw from each others' experience and knowledge.

Results: more efficient regulatory organizations and higher quality regulation.

2007



Improvement of the **ERRA website** and creation of the **ERRA Online Library**.

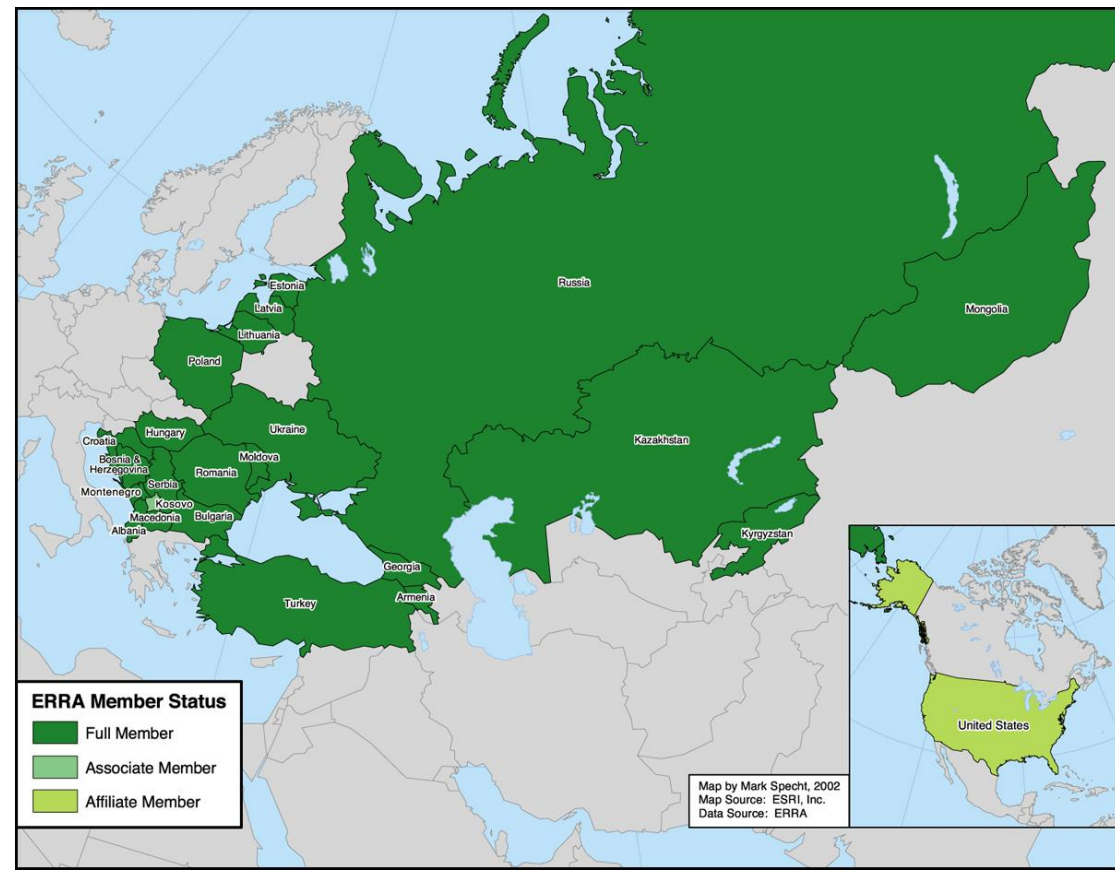
The screenshot shows the ERRA Online Library website. At the top left is the ERRA logo (Energy Regulators Regional Association). To the right are social media icons for LinkedIn, Facebook, Twitter, and Instagram, along with a 'Contact Us' link, a search bar, and a 'LOGIN' button. Below this is a navigation menu with links for 'About Us', 'News', 'Member Activities', 'Events', 'Trainings', 'International Activities', 'Knowledge Base', and 'Anniversary'. A language selector shows 'RU' (Russian) and 'EN' (English) with their respective flags. The main content area starts with a 'Welcome to the ERRA Library!' message. Below that is a 'SEARCH FOR DOCUMENTS' section with radio buttons for 'Printed Materials', 'Video Podcasts', and 'All' (selected). A search input field is followed by 'Search', 'Clear search', and 'Advanced options' buttons. The 'FEATURED DOCUMENTS' section contains a table with four rows of document information.

| Title | Author | Subject | Year | Type |
|---|---|-------------|------|------|
| Centralised Energy Efficiency Financing Mechanisms: Policy Guidelines | European Bank for Reconstruction and Development and the Energy Community Secretariat | Others | 2020 | link |
| White Paper: Lead the Transition – Serve the Customers | European Distribution System Operators (E.DSO) | Electricity | 2020 | link |
| Renewable Power Generation Costs in 2019: Latest Trends and Drivers | International Renewable Energy Agency (IRENA) | Renewables | 2020 | pdf |
| E-Mobility: Current Status, Plans and Related Regulatory Issues | Energy Regulators Regional Association (ERRA) | Others | 2020 | pdf |

2008



- ERRA completes its successful transition from USAID funding to full financial sustainability, a major goal at the outset of USAID's work. From 2008 ERRA has become **independent in terms of program planning and financial management.**
- At that time, ERRA consisted of:
 - **24 Full Members**
 - **2 Associate Members**
 - **3 Affiliate Members.**



2008





Lessons Learned from ERRA's Creation

1. Institutional Development Takes Time
2. Institutions Must be Demand Driven and Responsive
3. Members Must Make a Voluntary Commitment of Time
4. Institutional Design Must Account for Specific Circumstances
5. An Effective Secretariat Staff is Critical
6. Face-to-Face Interactions are Important
7. On-going Self Evaluation & Dissemination
8. Contributions to Energy Sector Reform
9. Diversification of Funding Sources for Financial Sustainability
10. Long-term Donor Support

2009



- ERRA continues to develop its international reputation and obtains new sources of self-financing, building off the institutional processes developed in its first decade.
- This year, ERRA implements the first in a series of technical exchanges under the EU-funded INOGATE Programme to promote technical exchange among the region's regulators, while also creating targeted training manuals on energy supply and other key topics.





- Building upon the highly regarded training courses originally developed with USAID support, ERRA awards the first **Certified Energy Regulatory Diploma**.
- The award honors regulators who have achieved a level of fluency in the regulatory field and have successfully completed multiple ERRA training courses.
- ERRA has awarded more than 30 such diplomas since 2010, showcasing the technical sophistication of its membership.

2011



As ERRA commemorates its **10th Anniversary**, the organization moves firmly into the phase of serving as regulatory leaders. Countries from Africa and the Middle East begin attending ERRA events and later joining the association.



2012



- ERRA hosts a workshop on the **Regulatory Aspects of Smart Grid and Smart Metering**, thus embracing a cutting-edge regulatory topic sharing experiences and discussing available practices on smart grid technologies and regulation.
- As energy sectors across the globe have evolved, ERRA has positioned itself as a pivotal source of technically sophisticated information and discussion about renewable energy, emerging technologies and other topics.



2013



- Bringing together regulators from Sub-Saharan Africa, Central America and around the world, ERRA hosts the **first High-Level Meeting of Regional Associations of Emerging Markets** in Istanbul.
- This now yearly roundtable draws representatives of regulatory association from emerging economies of the world together to engage on areas of common interest and shared challenges.



2013



2014



- ERRA showcases its technical leadership through the creation of the annual **ERRA Regulatory Research Award**. The promotion of energy regulatory research expands ERRA's reputation beyond training and professional development.
- Later, ERRA bolsters its technical capacity through the creation of an **in-house Energy Specialist position**, helping to expand the in-house advisory services offered to its members.



2014



2015



ERRA has been **gathering women energy regulators** on the occasion of the Energy Investment and Regulation Conference since the very beginning. The host organization of the Conference brings together participating women regulators for a special program that serves as a platform for discussion and cultural entertainment as well.



2015



2016



- Answering an influx of members coming from beyond the core ERRA region, ERRA leaders **simplify and ease the membership structure of the organization** amid growing international interest. The move further solidifies ERRA's reputation as a key international regulatory organization that meets the needs that regulators from other regions are not achieving through other mechanisms.
- ERRA welcomes regulators from Bhutan, Cameroon, Nigeria, Oman, Pakistan, Saudi Arabia, and United Arab Emirates into full ERRA membership status.



2017



ERRA purchases real estate for the purposes of the Secretariat in Budapest, Hungary.





- As part of its ongoing engagement with other regulators in emerging economies, ERRA **joins with regional regulatory associations** from the developing regions of Africa, the Mediterranean, Central and South America, Central and Eastern Europe, Middle East and Asia in **signing a Memorandum of Understanding**.

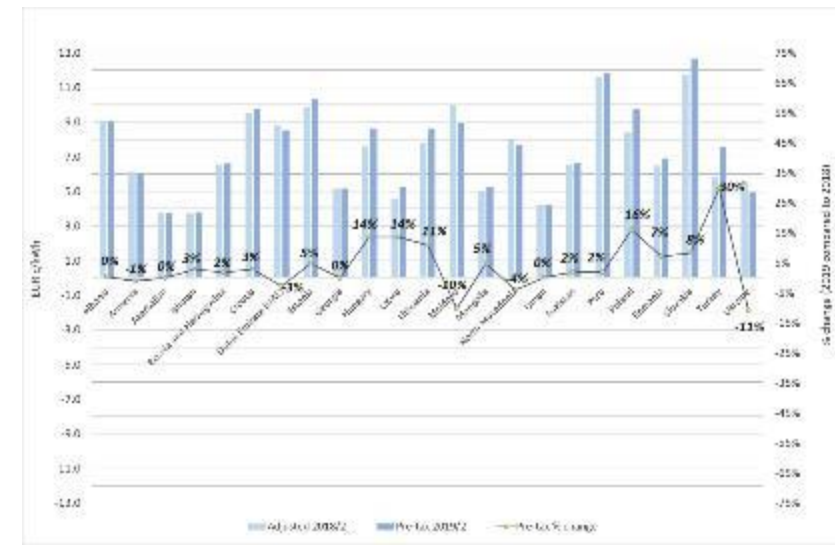
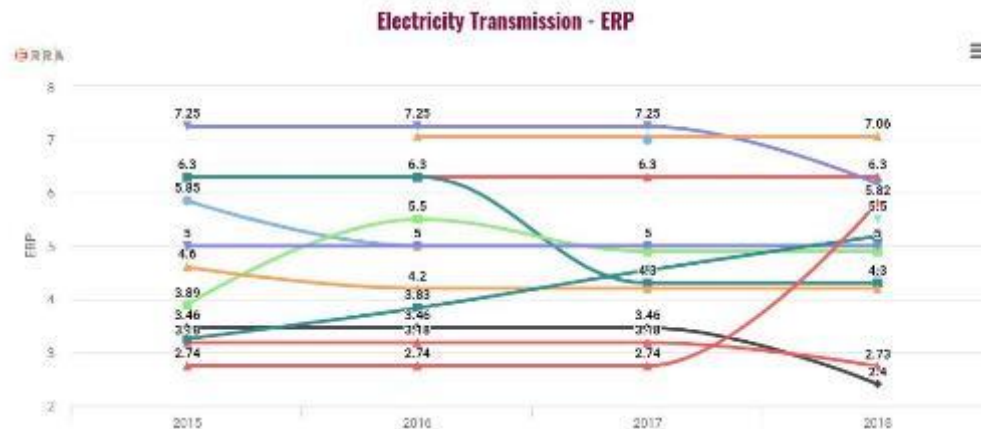


- In the document, associations pledge to support each other in improving the attractiveness and stability of their markets for energy investments, fostering consumer protection and promoting universal access to sustainable energy.



The **ERRA Online Tariff Database** is **extended** with annual data on revenue determinants for regulated entities and is published once a year:

- WACC for Electricity and Gas;
- Electricity network charges;
- Natural Gas network charges;
- Electricity and Gas efficiency.



2020



- Starting from May 2020 the two ERRA Standing Committees (Tariff and Licensing) and the Working Group (Customer Retail Markets) ceased to exist and a **new scheme of organization was implemented**, according to the below listing:

Electricity Markets and Economic Regulation Committee



Renewable Energy Regulation Committee



Natural Gas Markets and Economic Regulation Committee



Customer Protection Working Group



2020: ERRA 20th Anniversary Online celebrations



2021: ERRA survived the Pandemic

The rise of online events



As a result of the worldwide pandemic, **ERRA re-introduced its e-learning courses and webinars were held.** The aim was to help the members, to support the network and to keep the community together even in hard times.




ERRA Webinar

COVID-19 IMPLICATIONS FOR THE ENERGY SECTOR AND RELATED REGULATORY MEASURES

April 28-29, 2020



2022: 20th Summer School



ERRA
Hybrid Training



INTRODUCTION TO
ENERGY REGULATION

June 27 – July 1, 2022 | Budapest, Hungary



2023: Regulatory Research Award



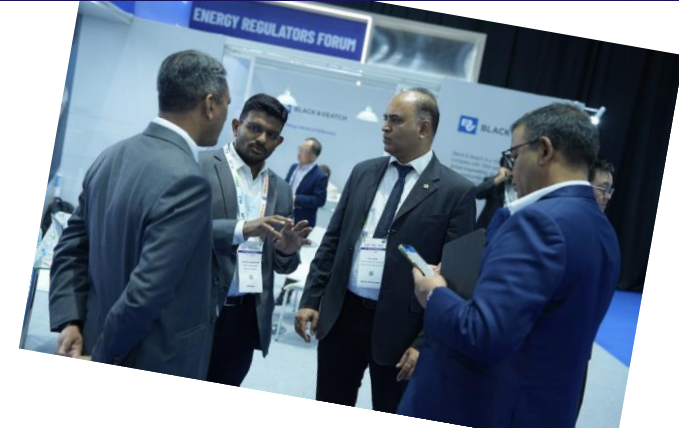
2024: First Annual Conference organised in Asia



ERRA
21st Annual Conference
ENERGY REGULATORS FORUM
CO-LOCATED WITH FGA

15-17 May 2024 in Bangkok, Thailand
Queen Sirikit National Convention Center

Organised by **ERRA** Hosted by **nnw**



2025: ERRA Research Unit // First Annual Conference organised in the Middle East



Mr. Luca Lo Schiavo
Senior Regulatory Specialist



Mr. Mikheil Odisharia
Junior Regulatory Expert



22ND ERRA ANNUAL CONFERENCE

Progressing Energy Transition via
Effective Policies and Regulation

5 – 6 May, 2025
MUSCAT, OMAN

Hosted by:
الهيئة العامة لتنظيم
Authority for Public Services Regulation





**Looking forward to the next 25
years!**

