MEDREG Experience in the UfM Energy Platforms

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Content

- UfM Energy Platforms: Mission and Organization

- UfM REM Platform: Work Program

- Mediterranean Electricity Market Observatory

- **UfM Energy Platforms: Mission and Organization**

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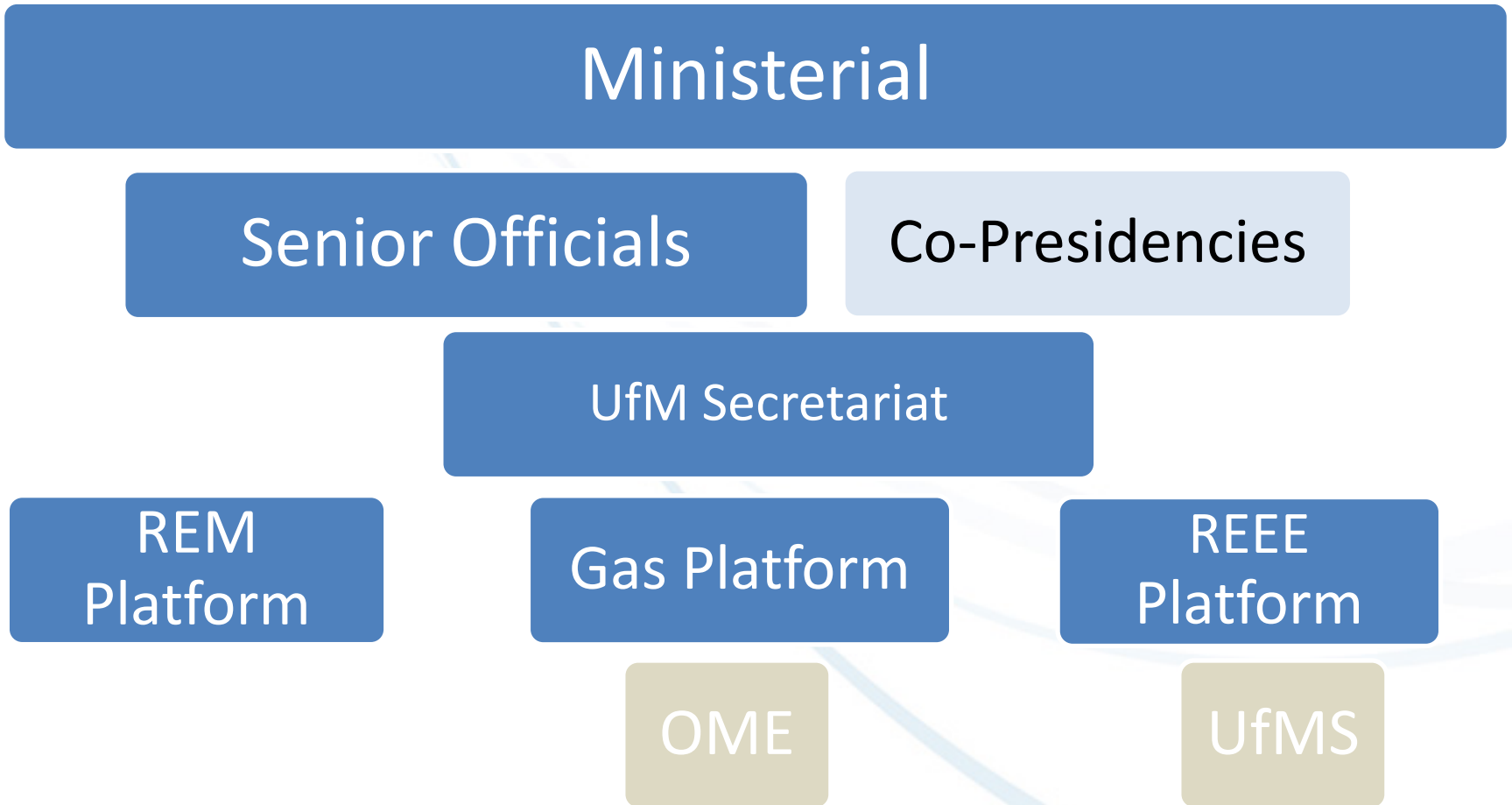MedReg
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Background

- 19 November 2014: High Level Conference on "Building a Euro Mediterranean energy bridge: the Strategic Importance of Euro-Med gas and Electricity Networks in the Context of Energy Security"

- 19 November 2014: Trilateral MoU

- 31 March 2015: Establishment of three UfM high-level Energy Platforms

- 11 June 2015: Gas Platform

- 23 July 2015: Working Guidelines

- 12 October 2015: REM Platform

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Mission

- Addressing energy challenges by reinforcing cooperation in the Mediterranean region

- Fostering integration of Mediterranean electricity markets, which enhances deployment of renewable energies and energy efficiency; and,

- Enabling the integration of Mediterranean gas markets.

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Organization

Ministerial

Senior Officials

Co-Presidencies

UfM Secretariat

REM Platform

Gas Platform

REEE Platform

OME

UfMS

Energy Platforms

- UfM REM Platform aims at the progressive integration of energy systems and energy markets and, in particular, at the enhancement of electricity exchanges and interconnections

- UfM Gas Platform has the objective of establishing a regional structured dialogue allowing the progressive development of a Euro-Mediterranean gas market

- UfM REEE Platform has the aim to promote the progressive deployment of renewable energy and energy efficiency measures, as well as to support mitigation and adaptation to climate change in the Euro-Mediterranean region

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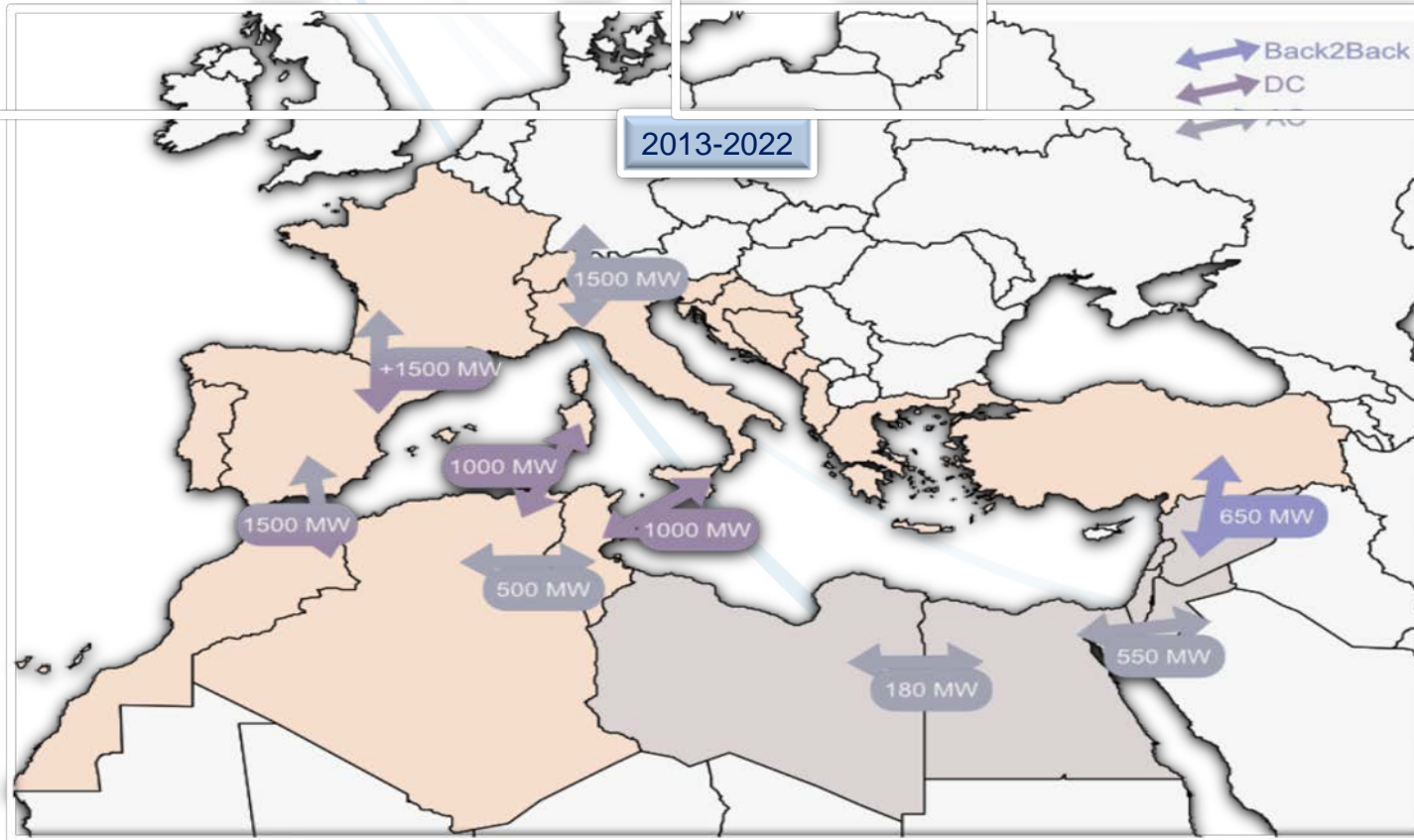
Organization of the UfM Energy Platforms

- **Platform meetings**: Convenes at least once a year; chaired by the UfM co-presidencies and attended by high-level representatives from the UfM member states, together with relevant public and private stakeholders

- **Working Groups**: On specific relevant themes; open to the participation of any interested relevant stakeholder; appointment of an animator.

- **Steering Committee**: Composed of the UfM co-presidencies, the UfMS and the working group animators

- **Secretariat**: UfM Secretariat

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Mediterranean Electricity Market

- **33,000** km of new lines (AC, DC)
- **30 Billion €** investment plan over 10 years
- New **generation capacity** of about **150 GW** (15% RES)

- Planned investment of **220-250** Billions € in 10 years
- Priority: developing interconnections South-North & South-South, jointly with reinforcement of internal network

2013-2022

Back2Back
DC
AC

1500 MW
+1500 MW
1000 MW
1500 MW
1000 MW
500 MW
650 MW
550 MW
180 MW

Source: MEDTSO

Supported by the European Union

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Ufm REM Platform

- Promotes gradual integration of the electricity systems and markets in the Euro-Mediterranean region, by gradually removing financial, technical, physical and regulatory barriers so that electricity can be traded and freely flow across borders.

- Med-TSO and MEDREG recognized as main actors within the process and tasked as WG animators.

- To this purpose, both associations prepared a roadmap towards the integration of Euro-Med electricity markets.

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UfM REM Platform Vision

New Integrated Approach

A NEW UNIFYING APPROACH TO EXISTING PROJECTS

Adding value through the coordination of already deployed resources and activities, to reach a **common goal through a step-by-step approach**

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The Regional Electricity Market Integration

Integration of the Grids / **TSOs**

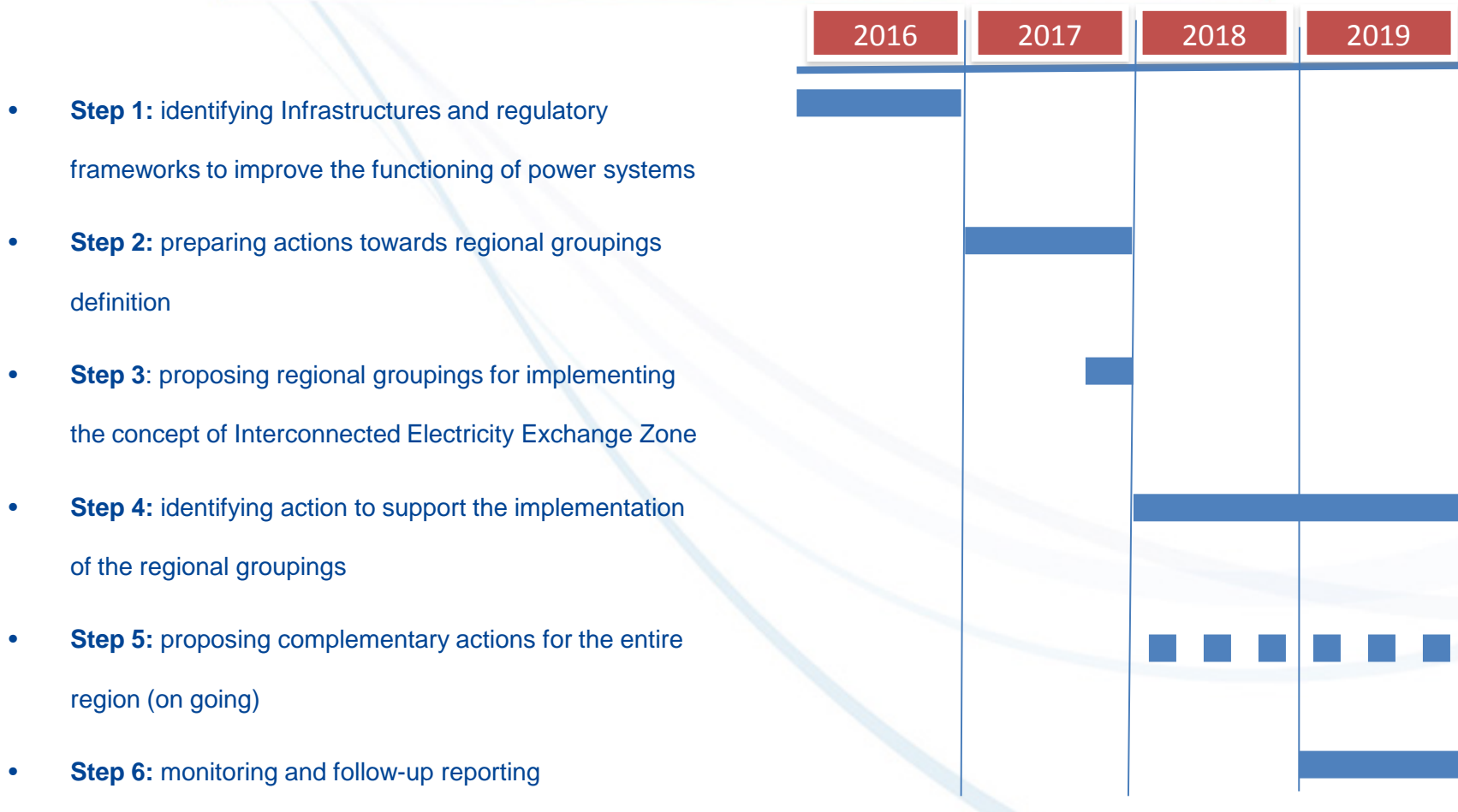Harmonization of the Rules and Codes / **NRAs**

UfM REM Platform Objectvies

- Analyzing existing market structures and assessing the level of market opening;

- Effectively coordinating infrastructure development, with the aim of establishing a common vision on infrastructures,

- Promoting and incentivizing a transparent, stable and harmonized regulatory framework in the Euro- Mediterranean region, in particular the formulation, approval and implementation, on a voluntary basis, of common technical rules/grid codes (on the use of interconnections and transmission systems, the allocation of cross-border transfer capacity, etc.).

- Identifying and implementing sub-regional pilot projects for market and systems integration in UfM Members.

Roadmap Towards the Integration of Euro-Med Electricity Markets

- Joint MEDREG & Med-TSO document based on APs of respective organizations.

- Defines priorities, activities, concrete deliverables and milestones regarding objectives depicted in the UfM REM Platform Working Guidelines.

- Will be revised biannually.

- Refers 3 different time horizons: 2017, 2019, and 2025.

- Pictures current situation, analyzes challenges, and elaborates on tools for integration.

14

UfM REM Platform Work Program

- **Step 1:** identifying Infrastructures and regulatory frameworks to improve the functioning of power systems

- **Step 2:** preparing actions towards regional groupings definition

- **Step 3**: proposing regional groupings for implementing the concept of Interconnected Electricity Exchange Zone

- **Step 4:** identifying action to support the implementation of the regional groupings

- **Step 5:** proposing complementary actions for the entire region (on going)

- **Step 6:** monitoring and follow-up reporting

2016	2017	2018	2019

Timetable 2016-2017

Date	Outcomes Expected
7-8 March	First draft of the UfM REM Platform Work Program
30 June 2016	Assessment of the WP with Co-presidencies
December 2016	Final reports presented by MEDREG and Med-TSO on Step 1: Identify investment and regulatory framework to improve the functions of the power system UfM Ministerial Declaration on Energy: clear political mandate on the role of UfM Energy Platforms and regional priorities; approval of proposals and deliverables
Mid 2017	Progress reports presented by MEDREG and Med-TSO on Step 2: Preparatory Actions towards Regional Groupings Definition
December 2017	Final reports presented by MEDREG and Med-TSO on Step 2: Preparatory Actions towards Regional Grouping Definition and proposal of MEDREG and Med-TSO on regional groupings based on the result of steps 1 & 2. Adoption of 2018-2019 work programme.

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Scope & Background

- To assess the progress in establishing and integrating national and (sub)regional markets.

- Relies on a periodical survey filled in every three years by MedReg members since 2007:

  - 1st part of the MEMO on national markets (last update in 2014).

  - 2nd part of the MEMO on regional markets (last update in 2015).

  - Update of the 1st part on national markets is due in 2017

Content

- 1st part of the MEMO

  - on national markets

  - deals with issues such as generation and transmission capacities, reinforcement of interconnections, financial viability of projects

  - unbundling requirements

- 2nd second part of the MEMO

  - on regional markets

  - assesses the status and recent developments with regard to e.g. international trade priorities, (sub)regional market structures and transmission rights

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External Partners

- Med-TSO

  – cooperation within the UfM REM platform

  – but also interest in collaborating bilaterally

- Arab Electricity Regulators' Forum (AERF)

  – inclusion of Arab countries in the next MEMO report

  – examine at a later stage the possibility of signing a cooperation protocol

- Council of European Energy Regulators (CEER)

  – CREG (Algeria) and PUA (Israel) participate in the next CEER EQS benchmarking report

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MEMO 2nd Part Key Findings

- Situations differ from country to country but regional integration is progressing

- On the Northern shore market coupling projects are expanding while on the Southern shore regional integration is not progressing since 2011

- Regarding the impact of regional integration, there is a shift of priorities compared with 2010 and a clearer North/South divide

- Developments/Evolutions are slow but steady and are directly related to the developments/evolutions in national regulations and markets

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