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Initiation Workshop for “Task 3: Incorporating incentive mechanism into tariff structure to enhance innovation capabilities of regulated entities”

Summary of the project and training:

Overall Project Objective is to improve the functioning of electricity and gas markets in line with EU requirements.

Project Purpose is to improve the capacity of EMRA by the development of a new performance-based tariff calculation mechanism, including a social tariff.

The project aims at three main **results**:

1. Methodology for performance-based tariff calculation is developed.
2. Energy market monitoring system of EMRA is improved.
3. EMRA’s capacity to regulate market through the use of performance-based tariffs is enhanced.

This workshop is the first activity under Task 3: “Incorporating incentive mechanism into tariff structure to enhance innovation capabilities of regulated entities”.

The objectives of the trainings could be summarized as:

- Provide general insights about different regulatory approaches towards innovation R&D activities of electricity companies and inform about country practices
- Exchange of views on borders and resolution of regulatory interference to R&D activities
- Discussing country-wise expectations from R&D activities
- Identification of capabilities, needs and expectancies of regulated entities about innovation and R&D
- Seek for stakeholder’s opinions and interactively exchange ideas about different practices about innovation

There will be audio-based Turkish-English simultaneous interpretation available during the training.

Participants from EMRA, MENR, BOTAS, TEIAS, etc. are herewith invited to attend this workshop and to benefit from the ongoing work in the Tariff project for EMRA.





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Initiation Workshop for “Task 3: Incorporating incentive mechanism into tariff structure to enhance innovation capabilities of regulated entities”

3-4 March 2020, Limak Ambassadors Hotel, Ankara

AGENDA 3 March 2020 – Electricity focused workshop		
Time	Agenda item	Presenter/Moderator
09:30 – 10:00	Opening and Task summary	Gökhan Tosun, senior NKE
10:00 – 11:00	Regulatory approaches about incentivizing innovation and R&D activities for distribution utilities	Gökhan Tosun, senior NKE
11:00 – 11:30	Coffee break	
11:30 – 12:30	Innovation in transmission systems and support mechanisms	Yıldız Durukan, senior NKE İsmail Özdamar, senior NKE
12:30 – 14:00	Lunch break	
14:00 – 16:00	Polls and discussions on capabilities, needs and expectancies of regulated entities about innovation (Interactive session)	Gökhan Tosun, senior NKE Yıldız Durukan, senior NKE İsmail Özdamar, senior NKE





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Initiation Workshop for “Task 3: Incorporating incentive mechanism into tariff structure to enhance innovation capabilities of regulated entities”

3-4 March 2020, Limak Ambassadors Hotel, Ankara

AGENDA 4 March 2020 – Natural Gas focused workshop		
Time	Agenda item	Presenter/Moderator
09:30 – 10:00	Opening and Task summary	Wietze Lise, team leader Erdoğan Özen, Senior NKE
10:00 – 11:00	Regulatory approaches about incentivizing innovation and R&D activities for distribution utilities	Dr. Ioannis Vlachos, International senior NKE
11:00 – 11:30	Coffee break	
11:30 – 12:30	Innovation in gas transmission sectors, support mechanisms and regulatory approaches	Arnaldo Orlandini, International senior NKE Jose Manuel Menendez, Senior Consultant MSC
12:30 – 14:00	Lunch break	
14:00 – 16:00	Polls and discussions on capabilities, needs and expectancies of regulated entities about innovation (Interactive session)	Gökhan Tosun, senior NKE Dr. Ioannis Vlachos, senior NKE Esin Emer, junior NKE





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Detailed Agenda for Electricity and Natural Gas

Session-1: Opening and Task summary

- Topics that are planned covered in this task
- Definitions and taxonomy (draft) for the study
- Task implementation approach

Session-2: Regulatory approaches about incentivizing innovation and R&D activities for distribution utilities

- Future roles of DSOs and changing needs
- High-level description of different regulatory approaches on incentivizing innovation efforts
- Measuring R&D performance and efficacy
- Initial set of recommendations about innovation activities in distribution utilities

Session-3: Innovation in transmission sectors, support mechanisms and regulatory approaches

- High-level description of different regulatory approaches on incentivizing innovation efforts
- Selected country practices for regulation of transmission innovation activities
- General description of ENTSO-E and ENTSO-G approach on cross-continental innovation activities
- Initial set of recommendations about innovation activities in TEİAŞ and BOTAŞ

Session-4: Discussions on capabilities, needs and expectancies of regulated entities (interactive session)

- Polls/surveys about innovation in regulated entities and about relevant regulations
 - Regulatory approaches on incentivizing innovation (Multiple questions: general, resolution and content of regulations, etc.)
 - Regulatory approaches on incentivizing smart grid/technology investments
 - Role of national regulatory authority (EMRA) about innovation activities in system operators
 - Supportive schemes for incorporation of start-ups and academy in innovation activities
 - Different approaches in organizing sectoral R&D efforts (distribution) (central, individual DSO, hybrid, etc.)
 - Instruments for incentivizing innovation and R&D activities
 - Strategic expectations/objectives about innovation
 - Innovation priority areas for distribution





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- Innovation priority areas for transmission
- Harmonization of cross-sectoral efforts on innovation and technology
- Openness for new business and market models (AnS, DR, ESCO, EV Charging, Biogas to Grid, P2G, Hydrogen, Fuel cells, etc.)
- Barriers for enhancement of innovation activities in regulated entities in Turkey
- Assessment of TA's initial recommendations for Turkish electricity and natural gas distribution sector
- Assessment of TA's initial recommendations for TEİAŞ and BOTAŞ
- Wrap-up: Specific questions to be addressed in Task-3 studies
- Insights and discussions through poll responses

