

# TAIEX TRATOLOW Regional workshop on the application of Energy modelling on National Determined Contributions

*Organised in co-operation with*

*Transition towards Low Emissions and Climate Resilient Economy in the Western Balkans and Türkiye (TRATOLOW)*

**13 - 14 September 2022**

**Venue:**

*Wings Hotel Neva Palas*

*Ankara, Türkiye to be held in hybrid mode*

**Beneficiary:**

*Albania, Bosnia and Herzegovina, Kosovo\*, Montenegro, North Macedonia, Serbia, Türkiye*

TAIEX Case ID TRATOLOW 82431

\*This designation is without prejudice to positions on status, and is in line with UNSCR 1244/1999 and the ICJ Opinion on the Kosovo declaration of independence.



# TAIEX

MOVING FORWARD TOGETHER WITH EU EXPERTISE

## Aim of the Workshop:

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The objective of the Regional Workshop is to discuss status and challenges of revision as well as of implementation of the National Energy and Climate Plans (NECPs) and National Determined Contributions (NDCs) in the Beneficiary Countries, with special focus on energy sector modelling.

The new energy and climate targets should be discussed and the existing approaches, following challenges and benefits in the Member States shared with the beneficiaries.

Further, inclusion of social and economic aspects into modelling will be presented and possibilities for their application into beneficiary countries will be explored. Role of the Energy sub-sectors in the modelling will be presented and discussed.

In addition, the regional approach regarding the energy sector modelling will be clarified and assessed with the beneficiaries.

The experiences about the energy sector modelling between the beneficiaries and the member states will be shared, so that the participants can learn from each other.

## Speakers

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- **Dr. Abdulkadir Bektaş**  
Vice president, Environment, Urbanization and Climate Change Ministry Türkiye
- **Mr. Manuel Welsch**  
Energy Planner, IAEA (International Atomic Energy Agency)
- **Mr. Housseem Belhouane**  
Energy Expert, CITEPA (Centre Interprofessionnel Technique d'Études de la Pollution Atmosphérique)
- **Ms. Alessia De Vita**  
E3 Modelling
- **Mr. Tobias Bossmann**  
Project director, ARTELYS
- **Ms. Jasmina Trhulj**  
Head of Electricity Unit, Energy Community Secretariat
- **Mr. Davor Bajš**  
Electricity Infrastructure expert, Energy Community Secretariat
- **Ms. Branislava Marsenic**  
ECRB gas and customer expert, Energy Community Secretariat
- **Ms. Enikő Kacsor**  
Senior Research Associate, REKK (Regional Centre for Energy Policy Research)
- **Ms. Violeta Philippitsch**  
TRATOLOW Team Lead, Environment Agency Austria

- **Ms. Danijela Bozanic**  
TRATOLOW Expert

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<b>Day 1: Tuesday 13 September 2022</b>	
<b>Chair: Ms. Violeta Philippitsch, TRATOLOW Team Leader</b>	
<b>Venue: Wings Hotel Neva Palas, Ankara, Türkiye</b>	
<b>Local time</b>	
<b>9:00 – 9:30</b>	<i>Arrival of participants</i> <i>Short technical introduction to the webinar platform</i>
<b>9:30 – 09:50</b>	<b>Welcome speech</b> <ul style="list-style-type: none"> <li>• Dr. Abdulkadir Bektaş</li> </ul> <b>Opening remarks and workshop objectives</b> <ul style="list-style-type: none"> <li>• Ms. Violeta Philippitsch</li> </ul>
<b>Policy context and bottom-up approaches</b> <b>Energy modelling - Lessons learned</b>	
<b>9:50 – 10:30</b>	<b>IAEA support to modelling low carbon pathways - Overview of energy models</b> <ul style="list-style-type: none"> <li>• Mr. Manuel Welsch</li> </ul>
<b>10:30 – 11:10</b>	<b>Importance of energy modelling and data disaggregation of end-use sectors</b> <b>Lessons learned</b> <ul style="list-style-type: none"> <li>• Mr. Housseem Belhouane</li> </ul>
<b>11:10 – 11:30</b>	<i>Comfort break</i>
<b>11:30 – 12:10</b>	<b>Decarbonisation and other drivers for energy modelling</b> <ul style="list-style-type: none"> <li>• Ms. Alessia De Vita</li> </ul>
<b>12:10 – 12:40</b>	<b>Best practice for the modelling of cost – optimal flexibility portfolios</b> <ul style="list-style-type: none"> <li>• Mr. Tobias Bossmann</li> </ul>
<b>12:40 – 13:00</b>	<b>Discussion</b>
<b>13:00 – 14:15</b>	<i>Lunch break</i>
<b>14:15 – 14:45</b>	<b>Model(s) used in Türkiye</b>
<b>14:45 – 15:45</b>	<b>General overview about the models used in WB countries</b>
<b>15:45 – 16:30</b>	<b>Discussion</b> <b>Summary of the day</b>

16:30	End of day 1
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Day 2: Wednesday 14 September 2022	
Chair: Ms. Danijela Bozanic, TRATOLOW expert	
Local time	
9:00 – 9:30	<i>Arrival of participants</i> <i>Short technical introduction to the webinar platform</i>
9:30 – 10:10	<b>Modelling a cost-optimal flexibility portfolio</b> <ul style="list-style-type: none"> <li>Ms. Jasmina Trhulj, Mr. Davor Bajs</li> </ul>
10:10 – 10:50	<b>Importance of assessment of energy poverty</b> <ul style="list-style-type: none"> <li>Ms. Branislava Marsenic</li> </ul>
10:50 – 11:30	<b>Inclusion of CBAM into electricity market modeling</b> <ul style="list-style-type: none"> <li>Ms. Enikő Kacsor</li> </ul>
11:30 – 11:50	<i>Comfort break</i>
11:50 – 12:30	<b>Just transition and adaptation of the energy sector - Integration of social, political and economic dimensions into modelling</b> <ul style="list-style-type: none"> <li>Ms. Danijela Bozanic</li> </ul>
12:30 – 13:00	<b>Discussion regarding potential for improvement of the planning in Türkiye and the Western Balkans</b>
13:00 – 13:30	<b>Discussion of further needs</b> <b>Wrap up and closure of the workshop</b>
13:30	End of the Workshop

## Annual Activity Report

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