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EU4 ENERGY  
TRANSITION:  
COVENANT OF MAYORS  
IN THE WESTERN  
BALKANS AND TÜRKIYE

**MONTHLY  
BULLETIN**

- October 2023 -





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# HAPPY REPUBLIC DAY!

## TÜRKİYE CELEBRATED 100TH ANNIVERSARY OF THE REPUBLIC ON OCTOBER 29.

On this momentous occasion of the 100th Turkish Republic Day, we come together with hearts brimming with pride and joy to celebrate a century of resilience, progress, and unity.





# EU4 ENERGY TRANSITION: COVENANT OF MAYORS IN THE WESTERN BALKANS AND TÜRKIYE



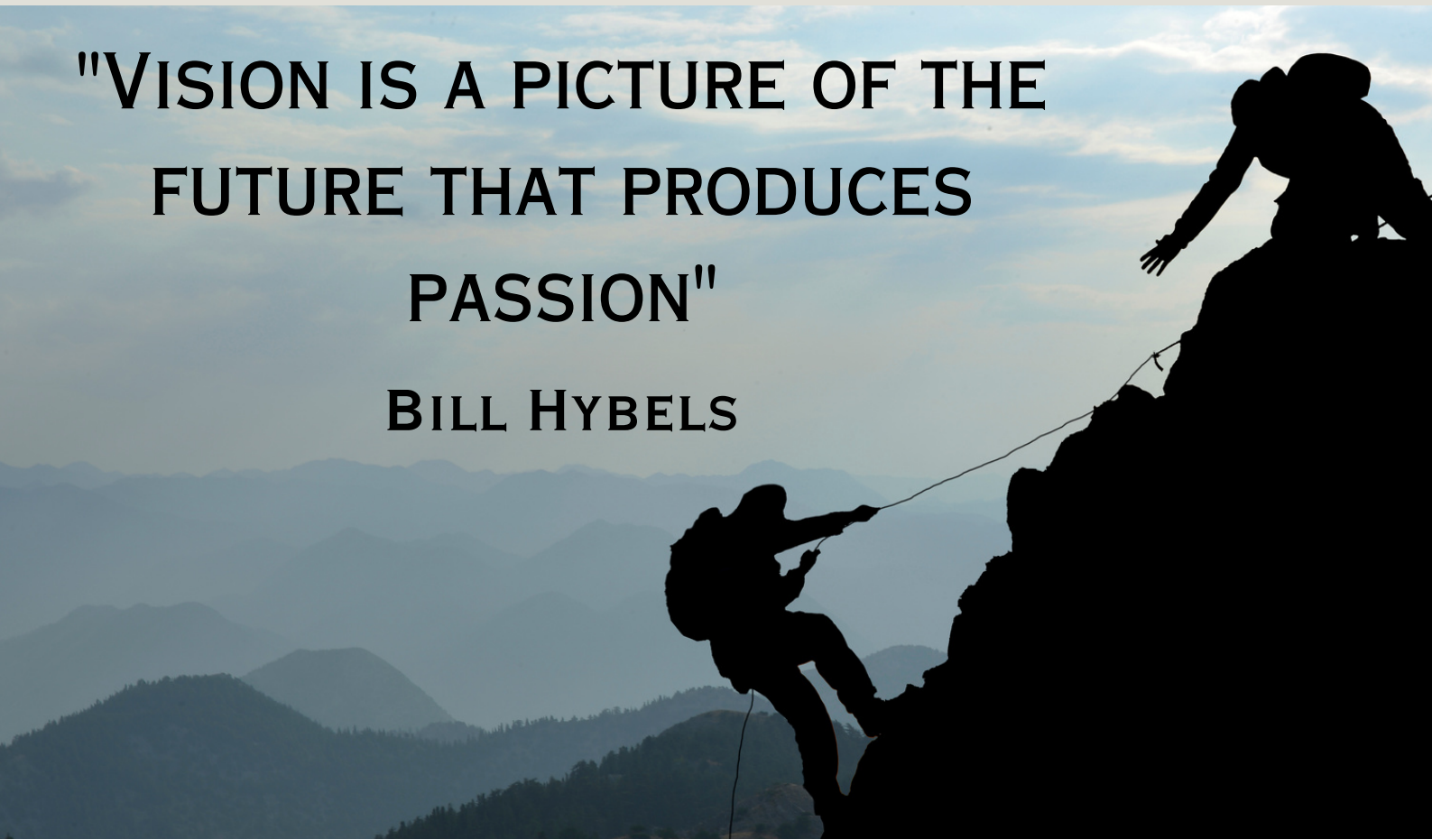
## October Focus

### Defining our future: Targets & Scenarios

In the realm of climate change mitigation, envision **"targets"** as the North Star, specific objectives charting the course for nations and international agreements to limit global warming. Alongside these ambitious objectives, **"scenarios"** serve as not mere hypothetical constructs but as dynamic and essential roadmaps, outlining strategic pathways and logical frameworks designed to navigate the journey towards these climate targets. Their importance is nothing short of transformative, steering climate action, and shaping the future of our planet.

"VISION IS A PICTURE OF THE  
FUTURE THAT PRODUCES  
PASSION"

BILL HYBELS



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# Visibility:

We have shared some information with our followers about targets and scenarios.

Alongside our targets & scenarios trainings, we have shared valuable information in our social media orienting towards adaptation measures, scientific reports, news from both national and international sides.



Also MARUF 23 News and updates are shared.



## EU4 ENERGY TRANSITION: COVENANT OF MAYORS

IN THE WESTERN BALKANS  
AND TÜRKİYE

# Adaptation Tips for Municipalities



Prof. Dr. Tuncer Demir

Three suggestions for municipalities from  
Prof. Dr. Tuncer Demir



### **Mitigating Flooding and Erosion:**

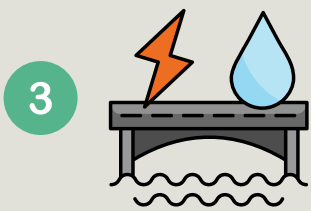
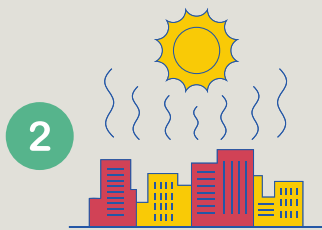
One of the focuses of the discussion revolved around combating the looming threats of flooding and erosion, the urgent need for comprehensive water conservation policies. By implementing efficient irrigation methods and sustainable water management practices, municipalities can effectively combat water scarcity, ensuring a more secure future for our communities.

### **Combating the Heat Island Effect:**

Another pivotal topic addressed was the notorious heat island effect haunting urban areas. Experts proposed innovative methods to reduce this effect, emphasizing the development of urban green spaces, parks, and tree canopy coverage. These green havens not only counteract the heat island effect but also enrich urban biodiversity, creating healthier and more vibrant cities.

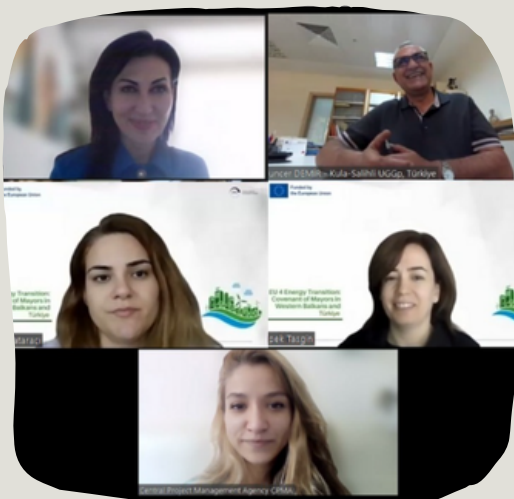
### **Ecological Sustainability and Infrastructure Upgrade:**

By emphasizing the critical upgrade of infrastructure. This includes buildings, roads, and energy systems, ensuring that our cities are fortified against the onslaught of extreme weather events, creating resilient urban landscapes for generations to come.



## Crucial Role of SECAPs on Urban Adaptation

*Adaptation, in the context of urban environments, signifies a proactive approach to anticipate, prepare for, and respond to the impacts of climate change. It's about making cities not just environmentally friendly, but resilient in the face of evolving challenges.*



Adaptation Meeting with Prof. Dr. Tuncer Demir

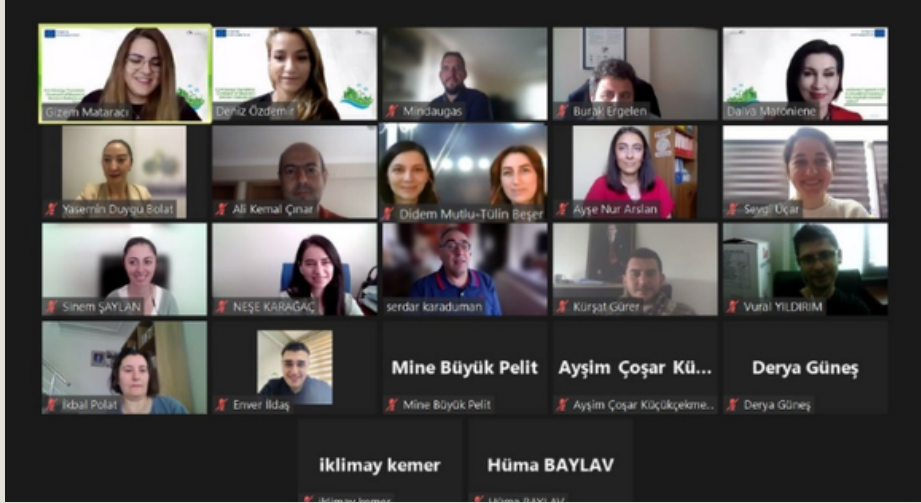


## CAPACITY BUILDING TRAININGS TARGETS & SCENARIOS

On the 18th and 27th of October 2023, EU4ETTR completed two capacity building trainings with the international expert, Mr. Mindaugas Stonkus,

In our recent Capacity Building Training session held on October 18, 2023 within the scope of "Targets & Scenarios". The session focused on two key areas: Setting up Emission Reduction targets and implementing Energy Efficiency measures. Participants learned to craft goals following the **SMART acronym** - ensuring objectives are **Specific, Measurable, Achievable, Realistic, and Time-bound**.

The session emphasized the significance of well-defined objectives. Participants delved into questions defining the 'what', 'why', 'who', 'when', and 'how' of their goals. This structured approach ensures clarity, enabling municipalities to measure progress effectively.



### Training on 18th of October 2023

Empowering Municipalities through Smart Targets, Efficient Energy Measures and Practices

## Learning from Experience: Šilutė District Municipality

**Integration into Management:** SECAP should seamlessly integrate into daily municipal operations.

**Adaptability:** Flexibility is key; plans must evolve with changing situations.

**Financial Planning:** Adequate financial resources are vital for successful implementation.

**Competent Personnel:** Dedicated individuals and motivating incentives drive effective action.

**Community Engagement:** Open communication and sharing benefits foster citizen support.

**Supervision:** Proper oversight ensures the Plan's successful execution.





# CAPACITY BUILDING TRAININGS TARGETS & SCENARIOS

On the 18th and 27th of October 2023, EU4ETTR completed two capacity building trainings with the international expert, Mr. Mindaugas Stonkus,

In the second of Capacity Building Training sessions held on October 27, 2023 within the scope of "Targets & Scenarios" observer municipalities presented their targets and their current status regarding active or planned measures upon energy efficiency, renewable energy resources.

**Main objectives of the RES Targets**

1. Impact of the RES measure:

- 1 kW of Photovoltaic produces around 1000 kWh/1 MWh per year and costs around 800 EUR
- 1 kW of Wind produces around 3000 kWh/3MWh per year and costs around 2000 EUR
- 1 MWh of RES electricity saves 0,507 t of CO<sub>2</sub>
- Investment efficiency price of 1 t CO<sub>2</sub>
- Multiplicator till 2030

Electricity		Heat/cold		Fossil fuels						
National	Local	Natural gas	Liquid gas	Heating oil	Diesel	Gasoline	Lignite	Coal	Yerleşik fosil yakıt	
0,507	0,507	0,203	0,228	0,281	0,271	0,261	0,367	0,357	0,232	

**Interactive Training Experience:** Çorlu Municipality, Yenimahalle Municipality, Sakarya Metropolitan Municipality and Çiğli Municipality Presented their renewable energy and energy efficiency targets and current status!

Project Name	Capacity (kWp)	Location	Notes
Sakarya Terminal Çatı GES (Planlanan Proje)	106 kWp	Çorlu	Planlanan GES Projeleri; Çorlu Yarı Olimpik tesisine: 86,4 kWp; Park kafe tesisine: 8,19 kWp; Masal Park'a: 5,46 kWp; Kitap kafe tesisine: 5,46 kWp.

Çorlu Municipality

**Sakarya Terminal Çatı GES (Planlanan Proje)**

- 2023 YILI ENERJİ VERİMİ (kWh/m<sup>2</sup>/yıl)
- 2023 YILI ENERJİ ÜRETİMİ (kWh)
- 2023 YILI ENERJİ TALEPİ (kWh)
- 2023 YILI ENERJİ AÇIKLIK ORANI (%)
- 2023 YILI ENERJİ VERİMİ (kWh/m<sup>2</sup>/yıl)
- 2023 YILI ENERJİ ÜRETİMİ (kWh)
- 2023 YILI ENERJİ TALEPİ (kWh)
- 2023 YILI ENERJİ AÇIKLIK ORANI (%)

Sakarya Metropolitan Municipality

**MAIN RES TARGETS FOR YENIMAHALLE MUNICIPALITY**

RES targets	2022, installed kW	2030 target, kW	Dedicated financing	Responsible department
Electricity	0			
Photovoltaic	0	4 424	?	Directorate of Technical Works

RES targets	Production, MWh	Investment, EUR	CO <sub>2</sub> reduction t	COST EUR of 1 t CO <sub>2</sub>
Electricity	0			
Photovoltaic	4 424	3 539 000	2 242	1 579 EUR

Yenimahalle Municipality

**1. YEK Hedefleri-Çatı Tipi GES**

- 2030 yılına kadar 3 adet (Ataşehir, Egekent, Evka 2) daha çatı tipi GES kurulumu ile, belediye elektrik tüketiminin yaklaşık %65 inin karşılanması planlanmıştır.
- Çatı güçlendirme ve GES yatırım maliyetleri için finansman bulunamadığı için projeye başlanamamıştır.

**HelioScope Annual Production Report**

Design 1 Evka-2 Pazar Yeri, Çiğli

Çiğli Municipality



## ACTIONS FOR SMART METHODOLOGY



**Be Specific:** Instead of a vague goal like "reduce emissions," a specific goal would be "reduce carbon dioxide emissions from the transportation sector by 30% within the next five years." Specificity helps in understanding exactly what needs to be achieved.



**Make it Measurable:** "increase the percentage of energy derived from renewable sources to 50% by 2030" is measurable, allowing for easy tracking of the progress towards the goal.



**Plan as Achievable:** Climate goals should be realistic and attainable. A goal can be ambitious, within its framework.



**Be Relevant and Aligned:** A goal related to afforestation efforts would be relevant in the context of capturing carbon and enhancing biodiversity.



**Time-Based:** "Reduce water usage in agriculture by 20% within the next three years" provides a clear time frame for achieving the goal.

## SECAP GUIDEBOOK IS PUBLISHED!

We've crafted a clear and concise roadmap to help you navigate the complexities of sustainable energy and climate action planning. Our guide is filled with actionable insights and best practices.

### What's Inside?

- Step-by-step roadmap
- Practical tips
- Essential reference docs

### Access Guidebook:

[https://drive.google.com/file/d/1BnYKAovcF\\_-dEHFUHg6BMG3jmfclzKgH/view](https://drive.google.com/file/d/1BnYKAovcF_-dEHFUHg6BMG3jmfclzKgH/view)



## KUDOS TO OUR EXPERT!

A standing ovation is in order for **Mr. Mike Mannaart**, our esteemed expert from the EU4ETTR Project and a cherished member of the KIMO team! Mr. Mannaart has made a significant contribution to our collective mission for a greener planet. We are thrilled to announce the release of his compelling report titled "Acute Plastic Pollution Causes, Problems, and Solutions," a testament to his deep commitment to environmental causes.

**Read full report:** <https://www.norden.org/en/publication/acute-plastic-pollution-causes-problems-and-solutions>





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MEETING WITH MINISTRY OF ENERGY AND NATURAL  
RESOURCES OF TÜRKIYE

On October 20th between Türkiye's Ministry of Energy and Natural Resources and EU4ETR project team gathered together, explored the potential of a Multi-level Governance Platform (MLGP).

Representatives enthusiastically embraced the idea of this platform serving as a robust instrument for sharing ideas, creating essential networks, and attracting crucial financial support. With a focus on Local Authorities actively engaged in crafting and executing SECAPs, the discussion emphasized the pivotal role of MLGP in bringing together not just policymakers but also business leaders. This collaborative effort promises to yield significant economic and innovative benefits, underscoring the power of collective commitment and cooperation in tackling the challenges of energy transition and climate change.



19.10.2023

ON THE SECAP ROAD:  
ARDAHAN MUNICIPALITY



On the 19th of October, EU4ETR Project team and team leader Ms. Daiva Matoniene met with Ardahan Mayor Faruk Demir and Ardahan Municipality Representatives.

During the meeting, Ardahan Municipality's SECAP process is highlighted. The discussion gained momentum as Mayor Faruk Demir shared Ardahan's strategic significance, focusing on vital projects related to biogas, biomethane, and wastewater management along with the projects which include Kura River. The meeting shed light on financial opportunities, including grants for biogas initiatives, underscoring the potential for transformative change.



We would like to thank Mayor Faruk DEMİR for this very fruitful meeting.

**BIOGAS PROJECT INVESTMENTS**

The International Renewable Energy Agency (IRENA) expects bioenergy to grow 15 times between 2020 and 2050.

**Project finance and investment lending from ESFC Investment Group:**

- From €50 million and more.
- Investments up to 90% of the project cost.
- Loan term from 10 to 20 years.

After filling the [application form](#), experts will offer the best options for project funding.

Biomethane Investment Outlook shows investment is on its way. €4.1 billion is due to be invested between 2023 and 2025, while a further €12.4 billion will be unlocked in 2026-2030.

**ANNEX-1: Draft Form for Project Idea**

Title of the action related SECAP	Climate mitigation, or Climate adaptation
Localities of the action	Specify regions that will benefit from the action (The actions must take place in the municipality of the applicant in Turkey)
Name of Municipality - the lead applicant	
State	Municipality or District Municipality
Number of inhabitants	
Title of the project	
Duration of the project	
Objectives of the project	Overall objective (e.g. impact): The application must also clearly state why the planned measures are considered innovative, the feasibility of their replication in other municipalities, how they will affect greenhouse gas emissions and the benefits to society and the municipality. It must also clearly indicate the municipality's experience with similar projects, its capacity to implement the project and its financial capacity to contribute to the project.



# EU4ETTR in MARUF23: Climate Action Sessions

Climate Action Sessions were held on 4th and 5th of October in Marmara Urban Forum.

The Climate Action Sessions at MARUF 2023 were nothing short of inspirational. They provided a platform for experts to share their insights and experiences, demonstrating that collaboration and innovation are key to addressing climate change.

## First Session:

### How to Boost Energy Transition: Insights from the Western Balkans and Türkiye

On October 4, 2023, the Western Balkans and Türkiye Climate Action Sessions at MARUF 2023 kicked off with an inspiring start at the Istanbul Congress Center. The first session set the stage for discussions on climate action, focusing on the empowerment of local authorities and the opportunities they hold.



Keynote speakers at this session included Ms. Jūratė Lepardinienė, Deputy Director of CPMA, who guided the audience toward impactful change in the fight against climate change. Expert voices, such as Dubravka Bosnjak (GIZ) and Daiva Matonienė (CPMA), emphasized the crucial significance of Sustainable Energy and Climate Action Plans (SECAPs) as strategic documents and underscored the power of local authorities in driving climate action.



Piero Remitti as Moderator



The session witnessed concrete project implementations shared by high-level representatives from the Western Balkans and Türkiye, including Prof. Dr. Ayşen Erdiñçler, Zvonko Pekevski, Jelena Borovinić Bojović, Branko Koroman, and Amra Pepić.





# EU4ETTR in MARUF23: Climate Action Sessions

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## Second Session:

### Western Balkans and Türkiye, and understand how municipalities can attract funding for SECAPs

The second day of the Climate Action Sessions on October 5, 2023, continued the momentum with a focus on funding models, cooperation strategies, and energy transition in cities. Moderated by Helena Monteiro, this session gathered experts from Denmark, Türkiye, Slovenia, and more to explore strategies for effective fund attraction and the vital role of collaboration between local governments, private sectors, and international organizations.



Speakers including Michael Rosenberg Pedersen, Arkin Konak, Aljaz Plevnik, Jüratė Lepardinienė, Daiva Matonienė, Dubravka Bosnjak, Prof. Dr. Ahmet Mete Saatçı, and Dr. Ahmet Cihat Kahraman shared actionable insights. These discussions shed light on the path towards a sustainable future, emphasizing the importance of working together and leveraging partnerships to achieve climate goals.



Helena Monteiro as Moderator



# Announcements from EU4ETTR Side: November 2023 UPCOMING EVENTS



## Joint Steering and Advisory Board Meetings

📅 14 November 2023,  
Tuesday, 14:00 – 16:00, Istanbul time  
📍 Online



## Capacity Building for Observer Municipalities: SECAP Reporting & Monitoring Actions

PART I:

📅 8th of November 2023  
📍 10:00-12:00, Istanbul Time, Online

PART II:

📅 22nd of November 2023  
📍 10:00-12:00, Istanbul Time, Online

## SECAP Disclosure Event: Istanbul Metropolitan Municipality

📅 27 November 2023, Monday 11.00-  
13.00  
📍 Haliç Congress Center



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## Our Note:

*"Even in the face of adversity, the warmth of determination can melt away the coldest challenges, lighting the path to a brighter, better future."*

”

“

Addressing climate targets requires global collaboration. Governments, industries, and communities must collaborate to reduce emissions, transition to renewables, and promote sustainable practices. International partnerships foster knowledge exchange, technological innovation, and policy alignment. Through shared research, joint initiatives, and collective action, we can create a sustainable future, mitigating climate change's impact and safeguarding our planet for generations to come. Collaboration is the key to success in our collective journey toward a greener, more resilient world.

*EU4ETTR Team*



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