



25TH STEERING GROUP MEETING OF PRIORITY AREA 2 'SUSTAINABLE ENERGY'

Jubilee overview of the activity and main achievements of PA2

23 November 2022 Budapest
Ministry of Foreign Affairs and Trade of Hungary





2011.

The EU Strategy for the Danube Region was endorsed by the European Council

Priority areas were defined and the coordinations were set-up

The Czech and Hungarian coordinations of Priority Area 2 'Sustainable energy' and the Steering Group stood up

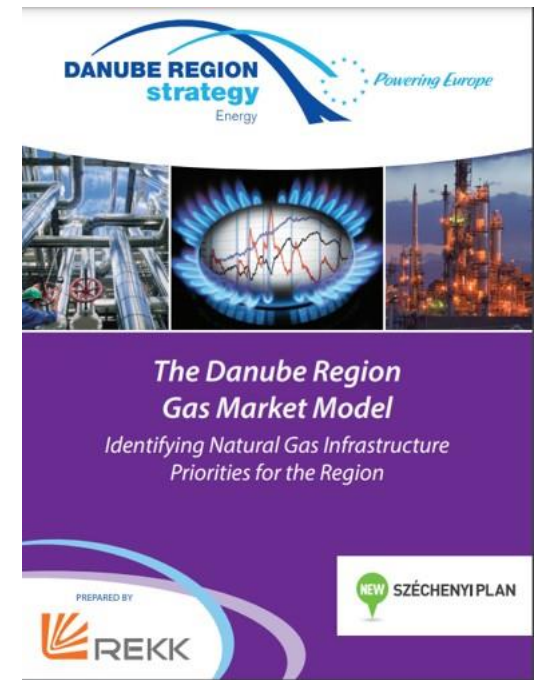


2012.

1st topics – state of play of the Danube Region

Focus on gas and electricity market

1st study of PA2: Danube Region Gas Market Model

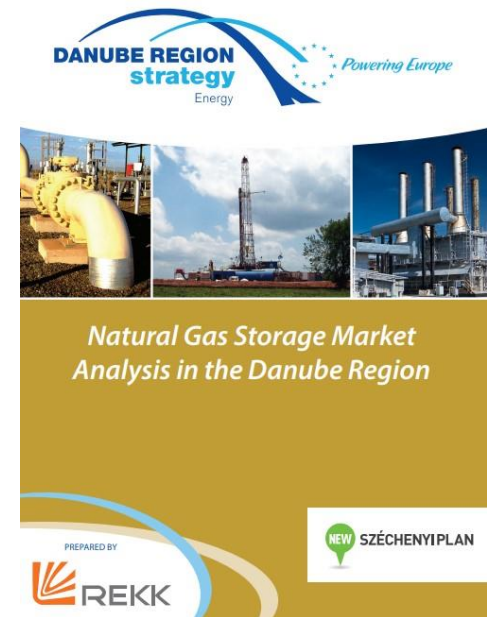




2013.

Continuation of the gas topic

Next study: Natural Gas Storage Market Analysis in the Danube Region Countries



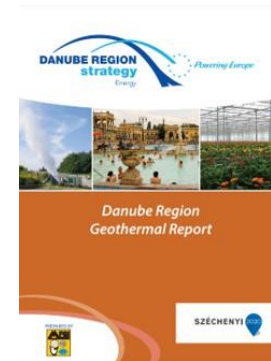
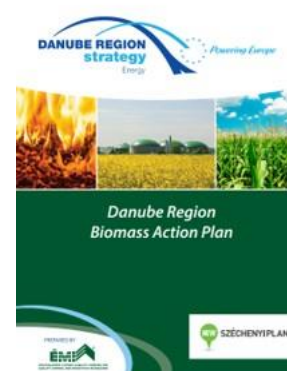
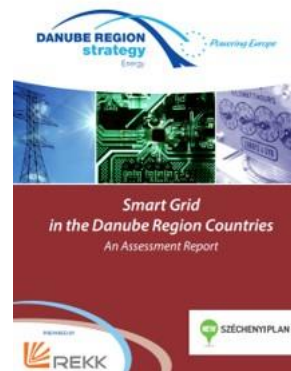


2014.

PA2 commissioned a number of **studies**:

- Smart grid in the Danube Region Countries
- Danube Region Geothermal Report
- Danube Region Biomass Action Plan
- Studies in the fields of renewable electricity, flexibility mechanisms and supply quality regulation

Cooperation with other institutions: Baltic Sea Region Strategy, Central European Initiative, etc.





2015.

Focus on Energy Union and project development

Roundtable discussion about the **Energy Union**, stakeholder seminar „Towards the European Energy Union”

Preparation of project proposals (RECROS, Danubiom, DARLINGe)

Discussion on regional cooperation with other regional and macro-regional initiatives in the field of sustainable use of local resources





2016.

Preparation for the Hungarian Presidency of the EUSDR

Focus on expert workshops:

- UN European Habitat conference – cities in motion of energy transition
- LNG workshop – dream or reality for the Danube Region?
- Energy innovations and renewables project seminar

2017.

- HU coordination holds the Presidency of EUSDR, main topics: energy and connectivity
- Launch of the first DTP projects – **DARLINGe** (flagship project of PA2), EnergyBarge and 3Smart
- Expert **workshops**: balancing bioenergy production and sustainable forest management in mountain areas, project financing conference, energy prospects of the DR, gas market integration in the DR => study
- Support of the **ETour2017**

**Challenges and opportunities
of natural gas market integration
in the Danube Region**

The South-west and South-east of the region
as focal points for future development

MARTIN JIRUSEK, TOMAS VLCEK



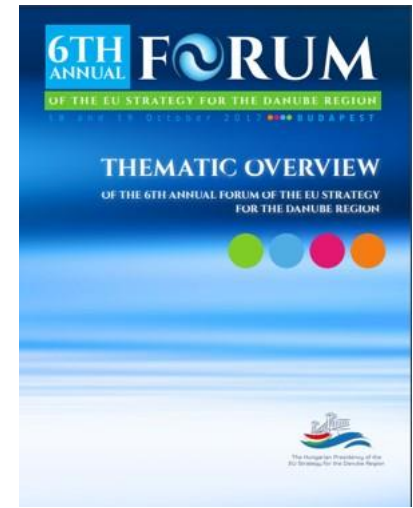


2017.

HU **EUSDR Presidency** => focus on energy and connectivity (in energy and transport)

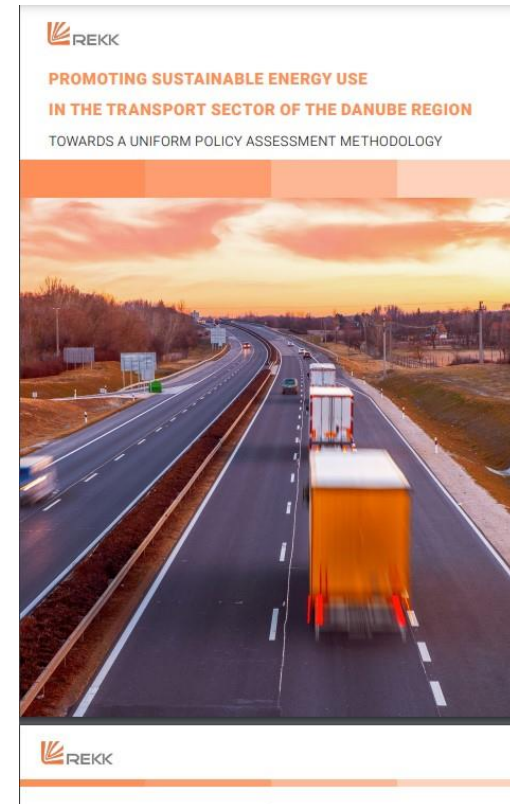
Preparation of 2 studies: energy connectivity of the region and the assessment of alternative fuels infrastructure in the DR and the development pathway to interoperability

Expert workshops at the AF



2018.

- Position paper on **gas market integration**
- Continuation of the topic of **alternative fuels in transport**, focus on the transport sector => study and stakeholder seminar
- Energy efficiency and renewables in SMEs workshop
- Smart cities workshop
- Cooperation with the Carpathian Convention in bioeconomy
- E-mobility workshop in Melk



2019.

- **Waste-to-energy** study + workshop
- “**Minimising the negative impacts of power lines on birds**” study + workshop with the Carpathian Convention
- **Smart cities** study
- Sustainable **energy storage** study + stakeholder seminar
- **Energy poverty** study + workshop

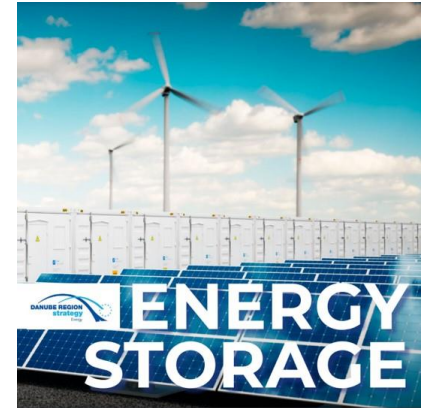
Sustainable Energy Storage Innovations
in Danube Region Countries
for the EU-Goals of the Paris Climate
Agreement



Budapest, December 2019

2020.

- Preparation of two studies:
 - **Energy storage** => collects the different methods of underground heat storage
 - Comparative analysis of the **NECPs** of the DR countries
- Project support:
 - DTP DanuP-2-Gas, Visegrád Fund Green Universities, LoRs EUCF, Western Balkan Green Call
- Other activities: DESTINE, new Action Plan of the EUSDR, stakeholder database



**NATIONAL ENERGY AND
CLIMATE PLANS IN THE
DANUBE REGION**

REKK

2020 December

2021.

NECP

- Based on the NECP study, 4 policy briefs have been prepared in the topics of gas, electricity, heating and cooling, transport
- 2 online workshops based on the policy briefs
- Final recommendation concerning NECPs



NATIONAL ENERGY AND CLIMATE PLANS IN THE DANUBE REGION

Straight or winding?

POLICY RECOMMENDATIONS

2021 December



2021.

Other activities:

- **Project support**
 - European Energy Award along the Danube, SETUP, EFRE
- Enhancing **stakeholder's involvement** => online workshops for stakeholders and SG members (project generation, stakeholder involvement)
- Preparation of **interactive website**
- Participation at the **Planet Budapest Expo** with a booth



2022.

- Publication of **energy efficiency in buildings** study + online workshop in the topic
- Fostering the **renovation wave** in the DR and the Ionian-Adriatic region
- **Russian gas phase-out** study + workshop at EUSEW “How to accelerate natural gas phase-out in Central Eastern Europe”
- **Decarbonization of the district heating system** => feasibility study + e-learning

Energy Performance of Buildings
in Danube Region

Overview of new and refurbished residential buildings stock

Project is co-funded by the European Union (ERDF)

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Viktor Sebők
Judit Kovács
Ján Veleba
Nikola Anđelić
Jan Pápa

Feasibility study

“Decarbonisation of heating and cooling sector -
promotion of green district heating in the Danube
Region”



Project co-funded by European Union funds (ERDF, IPA, ENI) with the financial contribution of partner states and institutions.



2022.

- Preparation of the 3rd PAC project, topics:
 - HU: Gas diversification, Hydrogen, Energy communities, NECPs, Renewable heating
 - CZ: Energy poverty, Energy efficiency in industry, Financing energy efficiency in the Western Balkans
- Project development activity:
 - ASP in 6 project proposals – 3 energy communities, shallow geothermal, financing energy efficiency in W-Balkans, sustainable transport
- Definition of flagships of PA2



THANK YOU FOR YOUR ATTENTION!

