

**2022**

**Annual report**

**of the Modernisation Fund on the status of the investments financed by the  
Fund and managed by our Company**

25 April 2023

## 2022 Annual Report

of the Modernisation Fund on the status of the investments financed by the Fund and managed by our Company

### 1. Executive summary

The following three investments submitted by Hungary were approved by the Investment Committee of the Modernisation Fund at its meeting on 22 June 2021, and on 12 October 2021 for the first and second disbursement cycles:

- "MF 2021-1 HU 0-001 Development of energy communities" (named in the Call for Proposals: "Program for network security of energy storage systems") scheme
- "MF 2021-2 HU 0-002 Development of energy communities " scheme and
- "MF 2021-2 HU 0-001 Modernisation and development of renewable energy-based district heating systems" scheme

For all three investments, the European Investment Bank (hereinafter referred to as EIB) disbursed the requested amount of funding to the Managing Authority in Hungary after approval as follows:

MF reference number	Amount of funds	Date of disbursement
MF 2021-1 HU 0-001	11 428 571 EUR	2021.08.05.
MF 2021-2 HU 0-002	8 571 429 EUR	2021.12.13.
MF 2021-2 HU 0-001	14 285 714 EUR	2021.12.13.

The Managing Authority in Hungary, the Ministry for Innovation and Technology (hereinafter referred to as ITM), has appointed a Scheme Managing Authority to manage the funds.

On the basis of the Supporting Document of the ITM EZFF/1397/2021-ITM \_SZERZ issued on 22 November 2021, ÉMI Building Quality Control Innovation Nonprofit Ltd. (hereinafter referred to as ÉMI) became responsible for the implementation of the multiannual programme MF 2021-1 HU 0-001- Supporting the establishment and operation of energy communities, worth EUR 11 428 571 (HUF 4 billion). The amount was transferred to ÉMI on 3 February 2022.

In case of the schemes MF 2021-2 HU 0-002 "Development of energy communities" and MF 2021-2 HU 0-001 "Modernisation and development of district heating systems based on renewable energy", ÉMI became responsible for the scheme management in the value of EUR 8 571 429 and EUR 14 285 714, under the Grant Agreement, signed bilaterally on 26 April 2022 under the number ITM EZFF/2059/2022-ITM \_SZERZ. The total amount of the sub-grant to be transferred is HUF 8 billion, which was paid to the ÉMI on 27 April 2022.

The full management of the above three schemes was carried out by ÉMI until end of September 2022.

According to the decision of State Secretary Attila Steiner the management tasks of the above three schemes were taken over by the International Fund Development and Coordination Agency Co. (hereinafter referred to as NFFKÜ Zrt.) starting from 1st of October 2022. The conclusion of the tripartite agreement on the transfer of tasks to amend the Grant Agreement No 1 is in progress.

The following two investments submitted by Hungary were approved by the Investment Committee of the Modernisation Fund at its meeting on 23 March 2022 for the third disbursement cycles:

- "MF 2022-1 HU 0-002 Energy efficiency improvements of district heating infrastructure" scheme
- "MF 2022-1 HU 0-003 Energy storage instalments for grid security " scheme

For the two investments, the EIB disbursed the requested amount of funding to the Managing Authority in Hungary as follows:

MF reference number	Amount of funds	Date of disbursement
MF 2022-1 HU 0-002	22 857 143 EUR	2022.06.08.
MF 2022-1 HU 0-003	51 428 571 EUR	2022.06.08.

Meanwhile, the former Ministry of Technology and Industry ceased to exist, its legal successor is the Ministry of Energy (hereinafter referred to as EM), now responsible for the above investments, as the Managing Authority in Hungary.

On 22 December 2022, the EM concluded a Technical Assistance Agreement with NFFKÜ Zrt., in order to perform tasks of the Scheme Management Authority of the following schemes financed under the Modernization Fund:

- a) Energy storage instalments for grid security (named in the Call for Proposals: "Program for network security of energy storage systems");
- b) Improving the energy efficiency of the district heating infrastructure;
- c) Development of energy communities I. (named in the Call for Proposals: "A multi-year program supporting the establishment and operation of energy communities");
- d) Development of energy communities II;
- e) Modernisation and development of renewable energy-based district heating systems.

The funds required for the implementation of the programs are set in the framework of separate Funding Agreements. On 14 March 2023 the EM concluded a Funding Agreement (hereinafter referred to as CA) with NFFKÜ Zrt. regarding the "Energy storage instalments for grid security" and the "Improving the energy efficiency of the district heating infrastructure" schemes.

The full amount of the funds was transferred to NFFKÜ Zrt. in March 2023.

Overview of investments in accordance with Annex II of the Implementing Regulation for the Modernisation Fund:

Section	Information	Note
1.1	Number of investments financed from the Modernisation Fund to date;	5 investments (schemes)
1.2	Number of -on-going, completed and discontinued investments	3 0 0
1.3	Priority vs non-priority investments	All 5 are priority investments

## 2. Detailed presentation of the investments

Presentation of the investments in accordance with Annex II of the Implementing Regulation for the Modernisation Fund:

### 2.1. 2021-1 HU 0-001 “A multi-year program supporting the establishment and operation of energy communities” scheme

#### 2.1.1. Background information

Section	Information	Note
2.1	Total investment cost	11 428 571 EUR
2.2	Date and amount of payment from the Modernisation Fund to the Managing Authority	11 428 571 EUR (2021.08.05.)
2.3	Amounts received from the Modernisation Fund by the beneficiary Member State but not yet paid to the Scheme Managing Authority;	0 EUR
2.4	Amounts recovered by the beneficiary Member State from the Scheme Managing Authority, and the dates of recovery	NR
2.5	Assessment of the added value of the investment in terms of energy efficiency and modernisation of the energy system (subcategories a-f)	NR
2.6	When the investment aims at implementation of a territorial just transition plan, information about the expected contribution of the investment to that plan.	NR
3.1-4.1	Not relevant	It's a priority scheme.

#### 2.1.2. Description of the tasks performed

The Call for Proposals (under the reference number 2021-ÉMI-MA) was published by ÉMI on 7 October 2021, following the negotiations with the Managing Authority and the Grants Investigation Office (performing State aid assessment). The scheme does not constitute State aid.

The Call was conducted in Q4 2021 on the electronic interface of ÉMI. The application platform was launched on 07 October 2021.

From the beginning of October, ÉMI provided a customer service to answer Applicants' inquiries and questions, both electronically (e-mail: [ma-2021@EMI.hu](mailto:ma-2021@EMI.hu) ) and by telephone.

The deadline for submitting Applications was 15 November 2021. 28 applications were received by the deadline, with a total amount of HUF 15 913 116 645 (see Annex 1 for a detailed breakdown).

The first round of eligibility check and formal assessment of the submitted Applications was completed by 22 December 2021. Following the processing of the replies to the requests for completeness, 5 applications had to be rejected because they did not meet the conditions laid down in the call.

After the quality assessment the professional clarification questions were sent to 23 Applicants.

After processing the received responses, the grant applications were ranked based on the professional evaluation, risk analysis and objective indicators.

The Grant Decision was signed on 5 May 2022. 14 Applications were supported. The entire amount of the Call for Proposals has been contracted.

The Grant contracts at a total amount of HUF 4 000 000 000 were issued on 24 June 2022 and entered into force on 30 June 2022.

Advance payments were paid on 12 August 2022 for 11 Beneficiaries. The amount of the advance payment was HUF 1,710,629,439.

According to the letter of Attila Steiner, State Secretary for Energy, No ÉZFF/7321-5/2022-TIM, dated 06 July 2022 NFFKÜ Zrt. takes over the scheme management tasks of the Modernisation Fund Applications as of 1 October 2022. An information letter has been sent to all applicants and a notice has been published on the ÉMI website and on the application platform.

All data and documentation were transferred to NFFKÜ Zrt. on 30 September 2022. The ÉMI interface was switched off on 3 October 2022. All project data were transferred to the RADIX electronic grant scheme management interface of NFFKÜ Zrt. The Call for Proposals and the related annexes were published on the website of NFFKÜ Zrt. (<https://nffku.hu/energiakozossegek-kialakitasat-tamogato-tobb-eves-program-megvalositasa-2021-emi-ma> )

NFFKÜ Zrt. provides customer service to answer Applicants' inquiries and questions from the announcement of the Call for Proposals. The main communication channel is the call-specific e-mail address ([ekozosseg@nffku.hu](mailto:ekozosseg@nffku.hu) ).

In 2022, in case of three projects, project changes were accepted (2021-ÉMI-MA-50 on 21 November, 2022, 2021-ÉMI-MA-77 on 19 December, 2022, 2021-ÉMI-MA-93 on 5 December.)

On 8 December 2022 NFFKÜ Zrt. held an information event to the Beneficiaries to provide administrative and technical information related to the Call for Proposals. The information event was attended by 14 projects and 14 presenters.

### 2.1.3. Status of the submitted Applications on 31.12. 2022:

2021-ÉMI-MA	pieces	Total value (HUF)
Applications received	28	15 913 116 645
Withdrawn applications	0	
Applications accepted following the eligibility assessment	23	13 780 315 457
Applications rejected after eligibility check	5	2 132 801 188
The issuing of Grant contracts	14	4 000 000 000
Advanced paid	11	1 710 629 439

Detailed information about the Applications is provided in Annex 1.

### 2.1.4. Communication

The information on the status of the Call for Proposals were continuously updated and made available for projects on the Radix electronic grant scheme management interface (<https://radix.nffku.hu/PalyazatiKiirasok>) and on the website of NFFKÜ Zrt. (<https://nffku.hu/energiakozossegek-kialakitasat-tamogato-tobb-eves-program-megvalositasa-2021-emi-ma> ).

### 2.1.5. Outlook to 2023

The deadline for submitting the first professional reports by the Beneficiaries is 15 February 2023, the 2nd professional progress report will be submitted in June, and the Beneficiaries will have the opportunity to settle the first advance payment as well as to draw the 2nd advance payment afterwards. This year, the NFFKÜ Zrt. plans to organize another information event about RADIX system, the guidelines and the professional projects questions. In this year NFFKÜ expects to conduct ongoing and subsequent audits of public procurement procedures and plans to conduct on-site visits of the projects. We plan to create professional fora for the energy communities on several different topics.

**2.2. MF 2021-2 HU 0-001 “Modernisation and development of district renewable energy based heating systems” scheme**

**2.2.1. Background information**

Section	Information	Note
2.1	Total investment cost	14 285 714 EUR
2.2	Date and amount of payment from the Modernisation Fund to the Managing Authority	14 285 714 EUR (2021.12.13.)
2.3	Amounts received from the Modernisation Fund by the beneficiary Member State but not yet paid to the Scheme Managing Authority;	0 EUR
2.4	Amounts recovered by the beneficiary Member State from the Scheme Managing Authority, and the dates of recovery	NR
2.5	Assessment of the added value of the investment in terms of energy efficiency and modernisation of the energy system (subcategories a-f)	NR
2.6	When the investment aims at implementation of a territorial just transition plan, information about the expected contribution of the investment to that plan.	NR
3.1-4.1	Not relevant	It's a priority scheme.

**2.2.2. Description of the tasks performed**

In May 2022 the Scheme Managing Authority ÉMI prepared a draft Call for Proposals and submitted it for consultation to the Grants Investigation Office performing State aid assessment and to the Managing Authority.

The Grants Investigation Office approved the Call for Proposals on 07 June 2022. The Call for Proposals was scheduled to be published by ÉMI in July 2022.

According to the letter of Attila Steiner, State Secretary for Energy, No ÉZFF/7321-5/2022-TIM, dated 06 July 2022, NFFKÜ Zrt. takes over the scheme management tasks of the Modernisation Fund Applications as of 1 October 2022.



The Call for Proposals and its annexes, prepared by ÉMI and finalised by NFFKÜ Zrt. after the transfer of the tasks, were published on the website of NFFKÜ Zrt. (<https://nffku.hu/megujulo-energian-alapulo-tavfutesi-rendszer-korszerusitese-es-fejlesztese>) on 12 September 2022, under the Reference number 2022/MA/TÁVHŐ/01.

The Call for Proposals is managed in the Radix electronic grant scheme management interface (<https://radix.nffku.hu/PalyazatiKiirasok>).

NFFKÜ Zrt. provides customer service to answer Applicants' inquiries and questions from the announcement of the Call for Proposals. The main communication channel is the call-specific e-mail address ([tavho.ma@nffku.hu](mailto:tavho.ma@nffku.hu)).

On 22 November 2022, additional documents, guidelines and templates, annexed to the Call for Proposals, were published on the NFFKÜ Zrt. website, facilitating the submission of Applications.

The deadline for submission of Applications was 31 December 2022. 9 Applications were received by the deadline with a total funding request of HUF 4 834 848 850 (see Annex 2 for a detailed breakdown).

All 9 Applications passed the acceptance criteria by 28 December 2022.

The eligibility assessment was carried out by the end of 2022, except for 2 Applications (for which the eligibility assessment was completed in January 2023). 6 Applications were approved, 2 in progress and one Application rejected.

### 2.2.3. Status of the submitted Applications on 31.12. 2022:

2022/MA/TÁVHŐ/01	PCS	Total value (HUF)
Applications received	9	4 834 848 850
Withdrawn Applications	0	0
Applications passing the acceptance criteria	9	4 834 848 850
Applications accepted following the eligibility assessment	6	3 345 378 940
Applications rejected following the eligibility assessment	1	256 936 705

Detailed information about the Applications is provided in Annex 2.

### 2.2.4. Communication

The information on the status of the Call for Proposals were continuously updated and made available for potential Applicants on the Radix electronic grant scheme management interface (<https://radix.nffku.hu/PalyazatiKiirasok>) and on the website of NFFKÜ Zrt.

(<https://www.nffku.hu/megujulo-energian-alapulo-tavfutesi-rendszer-korszerusitese-es-fejlesztese> )

### 2.2.5. Outlook to 2023

Eligibility assessment for two Applications passing the acceptance criteria in 2022 was completed in January 2023. The quality assessment started at the end of February 2023, clarification questions were sent to the Applicants by e-mail on 7-8 March 2023. The clarification answers were received between 14 and 21 March 2023, and the experts carried out the quality assessment by 29 March 2023. In the meantime, NFFKÜ Zrt. carried out a risk analysis of the Applications.

The decision on funded projects is expected to be made in Q2 of 2023.

Following the decision on the award of the grant, the awarding of the Grant Documents can take place, probably in the second quarter of 2023. Thereafter, in the following 3 months (upon achievement of milestone 1), advance payment requests are expected to be submitted in parallel with the technical progress reports, which will lead to the disbursement of advances in Q4 2023. The issuing of Grant contracts is expected at the beginning of June 2023.

## 2.3. MF 2021-2 HU 0-002 “Development of energy communities II.” scheme

### 2.3.1. Background information

Section	Information	Note
2.1	Total investment cost	8 571 429 EUR
2.2	Date and amount of payment from the Modernisation Fund to the Managing Authority	8 571 429 EUR (2021.12.13.)
2.3	Amounts received from the Modernisation Fund by the beneficiary Member State but not yet paid to the Scheme Managing Authority;	0 EUR
2.4	Amounts recovered by the beneficiary Member State from the Scheme Managing Authority, and the dates of recovery	NR
2.5	Assessment of the added value of the investment in terms of energy efficiency and modernisation of the energy system (subcategories a-f)	NR
2.6	When the investment aims at implementation of a territorial just transition plan, information about the expected contribution of the investment to that plan.	NR

3.1-4.1	Not relevant	It is a priority scheme.
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### 2.3.2. Description of the tasks performed

The preparation of the Call for Proposals is ongoing. Publishing of the Call is expected at the first quarter of the year 2024.

## 2.4. MF 2022-1 HU 0-002 “Energy efficiency improvements of district heating infrastructure” scheme

### 2.4.1. Background information

Section	Information	Note
2.1	Total investment cost	22 857 143 EUR
2.2	Date and amount of payment from the Modernisation Fund to the Managing Authority	22 857 143 EUR (2022.06.08.)
2.3	Amounts received from the Modernisation Fund by the beneficiary Member State but not yet paid to the Scheme Managing Authority;	0 EUR
2.4	Amounts recovered by the beneficiary Member State from the Scheme Managing Authority, and the dates of recovery	NR
2.5	Assessment of the added value of the investment in terms of energy efficiency and modernisation of the energy system (subcategories a-f)	NR
2.6	When the investment aims at implementation of a territorial just transition plan, information about the expected contribution of the investment to that plan.	NR
3.1-4.1	Not relevant	It is a priority scheme.

### 2.4.2. Description of the tasks performed

The preparation of the Call for Proposals is ongoing. Publishing of the Call is expected at the second quarter of the year 2023.

## 2.5. MF 2022-1 HU 0-003 “Energy storage instalments for grid security” scheme

### 2.5.1. Background information

Section	Information	Note
2.1	Total investment cost	51 428 571 EUR
2.2	Date and amount of payment from the Modernisation Fund to the Managing Authority	51 428 571 EUR (2022.06.08.)
2.3	Amounts received from the Modernisation Fund by the beneficiary Member State but not yet paid to the Scheme Managing Authority;	0 EUR
2.4	Amounts recovered by the beneficiary Member State from the Scheme Managing Authority, and the dates of recovery	NR
2.5	Assessment of the added value of the investment in terms of energy efficiency and modernisation of the energy system (subcategories a-f)	NR
2.6	When the investment aims at implementation of a territorial just transition plan, information about the expected contribution of the investment to that plan.	NR
3.1-4.1	Not relevant	It is a priority scheme.

### 2.5.2. Description of the tasks performed

The Scheme Managing Authority, NFFKÜ Zrt. published the Call for Proposals on 27 July 2022 under the Reference number 2022/ETÁROLÁS/01 and title “Program for network security of energy storage systems”, following the public consultation, as well as consultation and finalization with the Managing Authority and the Grants Investigation Office performing State aid assessment. The scheme does not constitute State aid.

The Call for Proposals is managed in the Radix electronic grant scheme management interface.

The Call for Proposals and the related annexes were published on the website of NFFKÜ Zrt. (<https://nffku.hu/halozati-integralt-energiatarolasi-beruhazasok-tamogatasa>), and on the Radix electronic grant scheme management interface (<https://radix.nffku.hu/PalyazatiKiirasok>).

NFFKÜ Zrt. provides customer service to answer Applicants' inquiries and questions from the announcement of the Call for Proposals. The main communication channel is the call-specific e-mail address ([etarolas@nffku.hu](mailto:etarolas@nffku.hu)).

The Call for Proposals and some of its annexes were amended on 1 September 2022 and 21 September 2022. The changes were mainly of an administrative nature. As a result of the changes, the original submission deadline of 3 October 2022 was changed to 24 October 2022.

Parallely, on 15 September 2022, NFFKÜ Zrt. held an information event to the Applicants to provide administrative and technical information related to the Call for Proposals. The information event was attended by 16 potential Applicants and 6 presenters.

The deadline for submitting Applications was 24 October 2022. 5 Applications were received by the deadline through the Radix system, and there were no Applications submitted after the deadline.

The eligibility check of the Applications according to the acceptance criteria took place in the last week of October 2022, and acceptance letters were sent out by 2 November 2022 (via the Radix system).

The formal assessment was carried out in November 2022, and the requests for completion of documents were sent to the Applicants in mid-November (via Radix). All 5 Applicants completed successfully the missing documents, after which the Applications were submitted to quality assessment between November 29 and December 1, 2022 (via Radix).

Quality assessment was conducted during December 2022 and finalized in January 2023.

### 2.5.3. Status of the submitted Applications on 31.12. 2022:

2022/ETÁROLÁS/01	pieces	Total value (HUF)
Applications received	5	33 009 760 298
Withdrawn applications	0	
Applications accepted following the eligibility assessment	5	33 009 760 298
Applications accepted during formal assessment, submitted to quality assessment	5	33 009 760 298

Detailed information about the Applications is provided in Annex 3.

### 2.5.4. Communication

The information on the status of the Call for Proposals was continuously updated and made available for potential Applicants on the Radix electronic grant scheme management interface (<https://radix.nffku.hu/PalyazatiKiirasok>) and on the website of NFFKÜ Zrt. (<https://nffku.hu/halozati-integralt-energiatarolasi-beruhazasok-tamogatasa>).

### 2.5.5. Outlook to 2023

The quality assessment clarification questions were sent to all Applicants on 6 January 2023. Clarification answers were received between 10-12 January 2023, based on which the quality assessors completed the evaluation of the Applications by 30 January 2023. Meanwhile, the former Ministry of Technology and Industry ceased to exist, its legal successor is the Ministry of Energy, now responsible for this Call for Proposals.

The Ministry of Energy appointed the voting members of the Evaluation Committee on 31 January 2023, the Evaluation Committee met on 8 February 2022 and made its decision about the supported projects. All five winning Applicants were notified on 23 February 2023, after the signature of the committee meeting minutes. The issuing of Grant contracts occurred in April 2023, after the documents necessary for contracting have been compiled and submitted by the Beneficiaries.

Budapest, 25 April 2023.

**IMPLEMENTATION OF MULTIANNUAL PROGRAMME TO SUPPORT THE DEVELOPMENT OF ENERGY COMMUNITIES 2021-ÉMI-MA**  
**Contracted projects 31.12.2022**

Serial no.	Application ID	Name of the Applicant	Status	Consortium members	Requested funds (HUF)	Date of submission of application	Date of contracting	Amount of grant (HUF)	Advances paid (HUF)	Technical content
1	2021-ÉMI-MA-13	Danubia Energy Development and Consulting LLC.	Contracted	1. Energy Research Centre 2. Municipality of Nógrád	436,023,752	12.11.2021 16:54	24.06.2022	218,011,876	113,228,498	Installation of 32 HMKE systems on family houses (30) and municipal buildings (2) with a total capacity of 300kWp; installation of energy storage; installation of smart metering system; installation of 30 11 kW electric car chargers.
2	2021-ÉMI-MA-08	Municipality of Puztacsalád	Contracted	1. Natural Sciences Reseach Centre 2. Avander LLC. 3. ENERGY HUNGARY LLC.	995,400,000	15.11.2021 02:38	24.06.2022	100,000,000	60,075,000	Establishment of an electric generation unit with a capacity of 1 MW; installation of infrastructure for charging electric vehicles; installation of an energy storage facility; installation of a smart metering system; active management of consumers/generators/storage facilities, involvement in system-level regulation; community members: 140 houses, 3 municipal buildings, the water supply system plant, the waste water treatment plant, the street lighting.
3	2021-ÉMI-MA-75	ON-ENERGY LLC.	Contracted	PannonWatt Energy Solutions LLC.	693,988,551	15.11.2021 08:47	24.06.2022	281,273,096	140,636,548	Installation of 1 500-1000kW community solar power plant; 1 200kW/1000kWh energy storage in combination with the solar power plant; Installation of 5 2-way electric chargers: 3 residential, 1 municipal, 1 corporate; Membership: 22 residential, 5 corporate, 5 municipal buildings.
4	2021-ÉMI-MA-20	Benedictine Publishing and Distribution LLC.	Contracted	Individual application for funding.	923,974,013	15.11.2021 14:40	24.06.2022	461,987,007	230,993,503	Construction of a small solar power plant with a capacity of 500kW; installation of 1 MWh of energy storage; construction of 2 22kW car charging posts; construction of a smart metering system. Organisations to be involved in the community: Benedictine Publishing and Distribution Ltd., 15 parishes and churches of Pannonhalma Regional Archabbey (15 parishes, 10 churches, 2 other buildings), Sopron Social Home.
5	2021-ÉMI-MA-55	Municipality of City with county rights of Kaposvár	Contracted	Blue Planet Climate Foundation	700,000,000	15.11.2021 15:00	24.06.2022	387,000,000	193,500,000	Installation of 1 small community power plant with a nominal capacity of 0.34 MW; connection of an energy storage with a capacity of 0.274 MWh; installation of a smart metering system; 3 apartment blocks, 3 municipal utilities, 2 utilities and 1 large company will be included in the energy community.
6	2021-ÉMI-MA-26	DÉL-NYUGAT Trade and Service LLC.	Contracted	1. 3i Development and Services LLC. 2. Kandó Foundation 3. Halas-Pajzs Asset Protection LLC. 4. Municipality of Kistelek 5. Meter Solutions LLC.	716,666,595	15.11.12021 16:34	24.06.2022	290,000,000	150,281,192	90 new generating solar systems on family houses for a total of 684 kWp, 90 new storage systems for a total of 900kWh, central street storage 100 kWh, 130 smart meters, 2 AC charging stations.
7	2021-ÉMI-MA-09	ELEKTRO PROFI Enterprise LLC.	Contracted	Individual application for funding.	283,425,875	15.11.2021 16:42	24.06.2022	283,425,875	141,712,937	The primary objective of the project is to create an active central IT data and SCADA centre as an independent aggregator, providing a smart flexible blockchain trading service. It will implement IT and metering integration of energy producers, energy consumers and energy storage. Participants: LIDL, Zila Café, Mömax, Dunamenti Power Plant
8	2021-ÉMI-MA-82	Municipality of Town Bábolna	Contracted	1. OSI Food Solutions Hungary Meat Industry LLC. 2. STS Engineering & Construction LLC.	943,653,138	15.11.2021 16:43	24.06.2022	300,000,000	286,870,000	Construction of 13 6kW HMKE + storage 5kWh + smart meters; 340kW Pvpplan; 1,2MW AC solar power plant. 2x50KWh central storage; 1db E- MOB EV charger high power bus charger (0,18 MW).
9	2021-ÉMI-MA-93	Reliable Energy Group Ltd.	Contracted	1. EKT Solutions LLC. 2. Optimum Enterprise and Trade LLC.	340,000,000	15.11.2021 17:10	24.06.2022	170,000,000	85,000,001	Aggregator. Inclusion of existing infrastructure: solar power plant Total 0.5 MW; electric car chargers (AC) existing 16 units 2x22 kW; hot water heat storage 10 units total 30 kW; electric car chargers (DC): 14 units 50 kW. New investment to be implemented: AC electric car chargers 20 units 2x22 kW; battery energy storage Li-ion, 300 kW / 558 kWh; smart meters, data concentrators.
10	2021-ÉMI-MA-05	MVM Optimum Ltd.	Contracted	Individual application for funding.	519,523,200	15.11.2021 18:28	24.06.2022	324,761,600	-	The aggregation activities will be implemented as a new pillar of MVM Optimum Ltd's future domestic market presence. Involvement of 50 consumer, generating and load-serving sites, including solar power plants, battery energy storage and additional controllable consumption assets. Establishment of a complex aggregation IT system (HW+SW). Purchase of smart meters.
11	2021-ÉMI-MA-25	SPP Architecture Korlátolt Felelősségű Társaság	Contracted	Lights On Trade and Services LLC.	700,852,510	15.11.2021 18:35	24.06.2022	350,426,255	-	Pécs leather factory industrial park: solar panel installation 400kW AC; energy storage installation 206kWh; smart meters 100 pcs; electric car charger 1 pc 2x22kW; data acquisition and storage software; accounting, trading, control, regulation software. Planned investments: 51 generators 1.1MW; storage.
12	2021-ÉMI-MA-77	PV Solar Energy Services and Construction LLC.	Contracted	Individual application for funding.	507,850,000	15.11.2021 18:43	24.06.2022	253,925,000	126,962,500	20 20kW solar panel systems: 20 staircases of 400 apartments, 1 20 kW solar panel system per staircase; 4 15 kWh solar panel systems for 4 buildings; smart metering for 400 apartments; installation of 20 car chargers (7,4 kW); development of a cloud-based management system, database software and computer background, and the complete metering and data transmission system.
13	2021-ÉMI-MA-27	Municipality of Town Cigánd	Contracted	RICSERON Electrical, Service and Trade LLC.	475,123,550	15.11.2021 18:55	24.06.2022	189,561,927	181,369,260	Establishment of a 200kW community PV power plant, purchase and installation of 2 2x22kW electric vehicle chargers, purchase of a 150kWh battery energy storage, purchase and installation of metering and data transmission system equipment, purchase of 25 smart meters.
14	2021-ÉMI-MA-50	E.ON Energy Production LLC.	Contracted	1. E.ON Energy Solutions LLC. 2. ELMŰ-ÉMÁSZ Energy Storage LLC.	909,254,728	15.11.2021 18:56	24.06.2022	389,627,364	-	Installation of a solar park 300 kW, installation of a distributed energy storage system 1000 kW, development of a smart metering system for the energy community (production, installation, commissioning and programming of the sub-metering system), 10 electric car chargers, installation of data collection software.
<b>Total:</b>					<b>9,145,735,912</b>			<b>4,000,000,000</b>	<b>1,710,629,439</b>	

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Rónaszéki Gábor  
Director General

**MODERNISATION AND DEVELOPMENT OF A DISTRICT HEATING SYSTEM BASED ON RENEWABLE ENERGY**  
**2022/MA/TÁVHŐ/01**  
**Applications received by 31.12.2022**

Serial no.	Application ID	Name of the Applicant	Status	Consortium members	Requested funds (HUF)	Date of submission of application	Technical content
1	2022/MA/TÁVHŐ/01/2	Debrecen Heat Supply Limited Company	Accepted following the eligibility assessment		241,962,170	21/11/2022 13:07	Upgrading of 5 existing heat exchanges, fitting them with smart devices (DDC), connecting them to the existing remote monitoring system and disconnecting two service heat exchanges. The decoupling will involve the replacement of the secondary piping sections and the connection of the buildings to the primary system with modern pre-insulated wiring. The heat exchanges will be designed using smart devices (DDC) or by connecting to the existing remote monitoring system.
2	2022/MA/TÁVHŐ/01/1	BKM Budapest Public Utilities Non-profit Private Limited Company	Accepted following the eligibility assessment		995,680,899	21/11/2022 13:21	Upgrading of 27 existing heat exchanges, fitting them with smart devices (DDC) and connecting them to the existing remote monitoring system, energy upgrading of 2 reinforced concrete ductwork sections of retrofitted insulated district heating pipeline, technology changer pre-insulated directly buried, with a fault detection system and the installation of motorised shut-off fittings, and the renovation of 15 manholes by replacing the fittings in the manholes and replacing the associated pipeline sections, connecting them to the remote monitoring system and installing temperature and pressure transmitters.
3	2022/MA/TÁVHŐ/01/4	Komló Heating Plant Private Limited Company	Accepted following the eligibility assessment		511,098,433	21/11/2022 14:36	Decoupling of 4 existing service heat exchanges, equipping them with smart devices (DDC) and connecting them to the existing remote monitoring system, and upgrading the first generation direct buried pre-insulated district heating pipeline sections supplying the Körtevényes district with modern pre-insulated direct buried lines with fault detection. During the decoupling of the heat exchange, the secondary pipeline sections will be replaced and the buildings will be connected to the primary system with modern pre-insulated lines.
4	2022/MA/TÁVHŐ/01/3	MIHŐ Miskolc Heating Services Limited Company	Accepted following the eligibility assessment		645,490,829	21/11/2022 14:39	Upgrading of 4 existing heat exchangers with smart devices (DDC) and connection to the existing remote monitoring system and energy upgrading of 1 reinforced concrete ductwork section with retrofitted insulated district heating line section with pre-insulated direct buried fault detection system and motorised shut-off devices.
5	2022/MA/TÁVHŐ/01/5	NYÍRTÁVHŐ Nyíregyháza District Heating Limited Company	Accepted following the eligibility assessment		201,656,665	21/11/2022 15:56	Decoupling of service heat exchanges, design of consumer heat exchanges, central monitoring and integration into smart metering. The project will involve the demolition of existing outdated heat distribution equipment and district heating pipelines and the replacement of these with modern equipment and pre-insulated district heating pipelines.
6	2022/MA/TÁVHŐ/01/6	Szombathely District Heating Limited Company	Accepted following the eligibility assessment		749,489,945	21/11/2022 16:51	The central element of the project proposal is to connect the Mikes and St. Florian districts and their boiler houses with 883 nym DN300/500 and 666 nym DN250/450 pre-insulated district heating pipelines.
7	2022/MA/TÁVHŐ/01/9	BKM Budapest Public Utilities Non-profit Private Limited Company	Admitted after verification of compliance with the admission criteria		975,596,500	22/12/2022 16:11	Upgrading of 50 existing heat exchanges with smart devices (DDC) and connection to the existing remote monitoring system and energy upgrading of 1 reinforced concrete ductwork section with retrofitted insulated district heating line section with pre-insulated direct buried line, fault detection system and motorised shut-off devices.
8	2022/MA/TÁVHŐ/01/8	T-Szol Tatabánya Service Provider Private Limited Company	Admitted after verification of compliance with the admission criteria	Tatabánya Power Plant Ltd.	256,936,705	22/12/2022 21:17	Thermal insulation of primary transmission lines Upgrading the insulation of an existing thermal store Design of an accurate pressure maintenance Installation of new circulation pumps Integration of modern "smart" devices and establishment of a remote energy monitoring system
<b>Total:</b>					<b>4,577,912,145</b>		
<b>Reason for rejection</b>							
9	2022/MA/TÁVHŐ/01/7	T-Szol Tatabánya Service Provider Private Limited Company	Rejected following the eligibility assessment	Tatabánya Power Plant Ltd.	256,936,705	20/12/2022 09:22	During the eligibility check, the application did not comply with the following non-excludable eligibility criterion(s) as set out in point 11.2 A of the Call for Proposals:  3) the declaration is accompanied by a qualified electronic signature of the appropriate person (in the case of a power of attorney, the signature of the authorized representative is required).  Reason: The Declaration was submitted with the AVDH certification by the applicant's (Consortium Leader) company registrar, but the document's Signature Properties function indicates that the document's data has been modified or corrupted since the signature. Therefore, the electronic signature on the document is invalid and cannot be accepted as a proper authentication. If properly authenticated, the electronic signature on the document is valid.
<b>Total:</b>					<b>256,936,705</b>		

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Gábor Rónaszéki  
Director General



**SUPPORT FOR GRID INTEGRATED ENERGY STORAGE INVESTMENTS**  
**2022/MA/ETÁROLÁS/01**  
**Applications received by 31.12.2022**

Serial no.	Application ID	Name of the Applicant	Status	Consortium members	Requested funds (HUF)	Date of submission of application	Technical content
1	2022/MA/ETÁROLÁS/01/1	OPUS TITÁSZ Áramhálózati Zrt.	under quality assessment	-	4,004,314,932	2022. 10. 12. 12:55	The objective of OPUSZ TITÁSZ Zrt. within the project is to purchase 3 electrochemical storage units with 1 MW inverter capacity and 2 MWh storage capacity and 1 unit with 1.5 MW inverter capacity and 3 MWh storage capacity, and to install and commission them properly and professionally. Locations: Rakamaz, Csenger, Vásárosnamény, Nyírlugos. Total performance of installed network integrated storage: 4,5 MW Total capacity of installed network integrated storage: 9 MWh
2	2022/MA/ETÁROLÁS/01/2	MAVIR Magyar Villamosenergia-ipari Átviteli Rendszerirányító Zrt.	under quality assessment	-	15,000,000,000	2022. 10. 17. 15:37	MAVIR Ltd. is the transmission system operator company in Hungary, which owns, operates and develops the transmission grid. The project aims the installation of a battery energy storage unit in Szolnok 400/220/132/22 kV transmission substation. Total performance of installed network integrated storage: 20 MW Total capacity of installed network integrated storage: 60 MWh
3	2022/MA/ETÁROLÁS/01/3	ELMŰ Hálózati Elosztó Kft.	under quality assessment	E.ON Dél-dunántúli Áramhálózati Zrt., E.ON Észak-dunántúli Áramhálózati Zrt.	3,999,653,428	2022. 10. 20. 12:42	The objective of the project is the installation and operation of four electricity storage units in the E.ON Hungária Group service area. The energy storages will be implemented at four locations, two of which are in the ELMŰ service area (Vácduka and Erdőkertes), and one in each of the North-Transdanubian (Pusztamiske-Devecser) and the South-Transdanubian (Simontornya) service areas of E.ON. Total performance of installed network integrated storage: 4 MW Total capacity of installed network integrated storage: 12 MWh
4	2022/MA/ETÁROLÁS/01/4	MVM Démász Áramhálózati Kft.	under quality assessment	-	5,001,091,458	2022. 10. 21. 16:10	The aim of MVM Démász Áramhálózati Kft. with the project is to establish four fully integrated energy storage systems with the total power of 5 MW (nominal) and total capacity of 10 MWh at Szabadszállás – Izsák 22 kV and Kiskunfélegyháza – Kiskunmajsa 22 kV power lines. Total performance of installed network integrated storage: 5 MW Total capacity of installed network integrated storage: 10 MWh
5	2022/MA/ETÁROLÁS/01/5	MVM Émász Áramhálózati Kft.	under quality assessment	-	5,004,700,480	2022. 10. 21. 16:12	The aim of MVM Émász Áramhálózati Kft. with the project is to establish a fully integrated energy storage systems with the total power of 5 MW (nominal) and total capacity of 10 MWh at Perkupa switching station. This development aims to reinforce the stability and reliability of the electric grid operation. Total performance of installed network integrated storage: 4,50 MW Total capacity of installed network integrated storage: 9 MWh
<b>Total:</b>					<b>33,009,760,298</b>		

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Rónaszéki Gábor  
Director General