

Working together for a **green**, **competitive** and **inclusive** Europe



Energy and Climate Change Programme

Supporting the use of renewable energy sources for improving energy efficiency

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Energy and Climate Change and Strategic Projects and Initiatives

Ministry of Regional Development and EU Funds

16-17/11/2022

Management structure of the Program



REPUBLIC OF CROATIA
Ministry of Regional
Development and EU Funds

National focal point – Ministry of Regional Development and EU Funds,
Directorate for Strategic Planning and Coordination of EU Funds
*Responsible for the **overall implementation** of the EEA Financial Mechanism and the
Norwegian Financial Mechanism in the period 2014 - 2021 and the programmes which
are implemented in the Republic of Croatia*

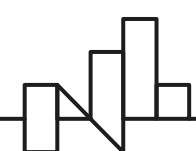
Programme Operator – Ministry of Regional Development and EU Funds,
Directorate for European Territorial Cooperation
*Responsible for the **preparation, management, control, implementation and
promotion** of the Programme*



Programme Partner – Energy
Institute Hrvoje Požar
*Responsible for **technical and
professional support***



Donor Programme Partner –
Norwegian Water Resources and
Energy Authority
*Responsible for **supervising the
implementation** of the Program*




Main Programme Goal

Increase the usage of technologies with lower carbon emissions and enlarged security of energy supply in the Republic of Croatia, which is aligned to the key objectives of the European Economic Area (EEA) Financial Mechanism

The Programme is focused on:

- *renewable energy*
- *energy efficiency*
- *energy security*
- *mitigating the effects of climate change*
- *adaptation to climate change*



The Programme is particularly focused on energy efficiency measures and the promotion of renewable energy sources, including geothermal, marine and solar energy sources.



The Programme's objective

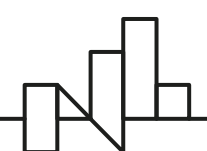
Less carbon intensive energy and increased security of supply will be achieved through two outcomes:

OUTCOME 1 Improved energy efficiency

- **Achieved through a Predefined Project** with the Energy Institute Hrvoje Požar as the Project Promoter and the Faculty of Civil Engineering of the University of Zagreb as the Project Partner

OUTCOME 2 Increased energy production from renewable energy sources (RES)

- **Achieved through four Open Calls for Project Proposals and two Small Grant Schemes**



Expected direct and indirect effects of the implementation of the Program

OUTPUT 1

Energy efficiency

- **Improving the knowledge of stakeholders participating in the building renovation process** according to the standard and requirements of **Nearly Zero Energy Buildings (nZEB)**
- **Establishment of the national nZEB training center**
- **In-depth energy and seismic renovation of the business public building of the Energy Institute Hrvoje Požar** according to the nZEB standard

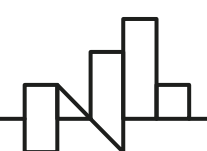
OUTPUT 2

Renewable energy sources at the national level

- **Increasing energy production from renewable sources** within the Republic of Croatia
- **Increasing the installed capacities for the use of solar, geothermal and sea energy** within the Republic of Croatia
- **Creation and use of databases of shallow and deep geothermal energy** within the Republic of Croatia
- **Reduction of CO² emissions** within the Republic of Croatia

BILATERAL COOPERATION

- **Strengthening cooperation between project partners from the Republic of Croatia and donor countries** (Norway, Iceland, Liechtenstein)

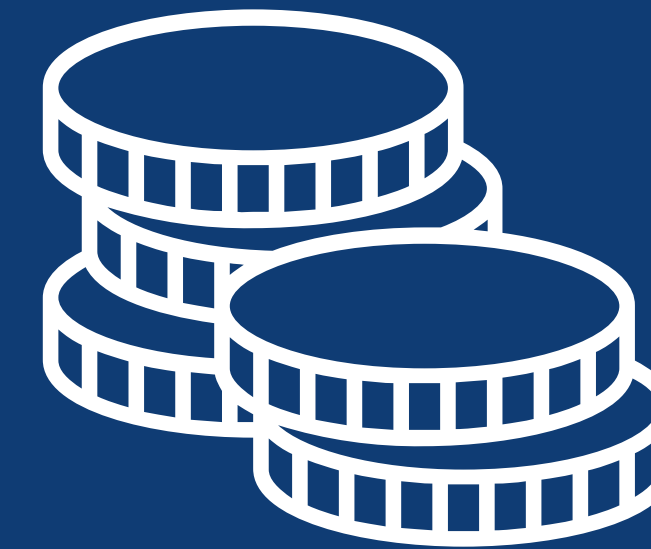




LEGAL FRAMEWORK

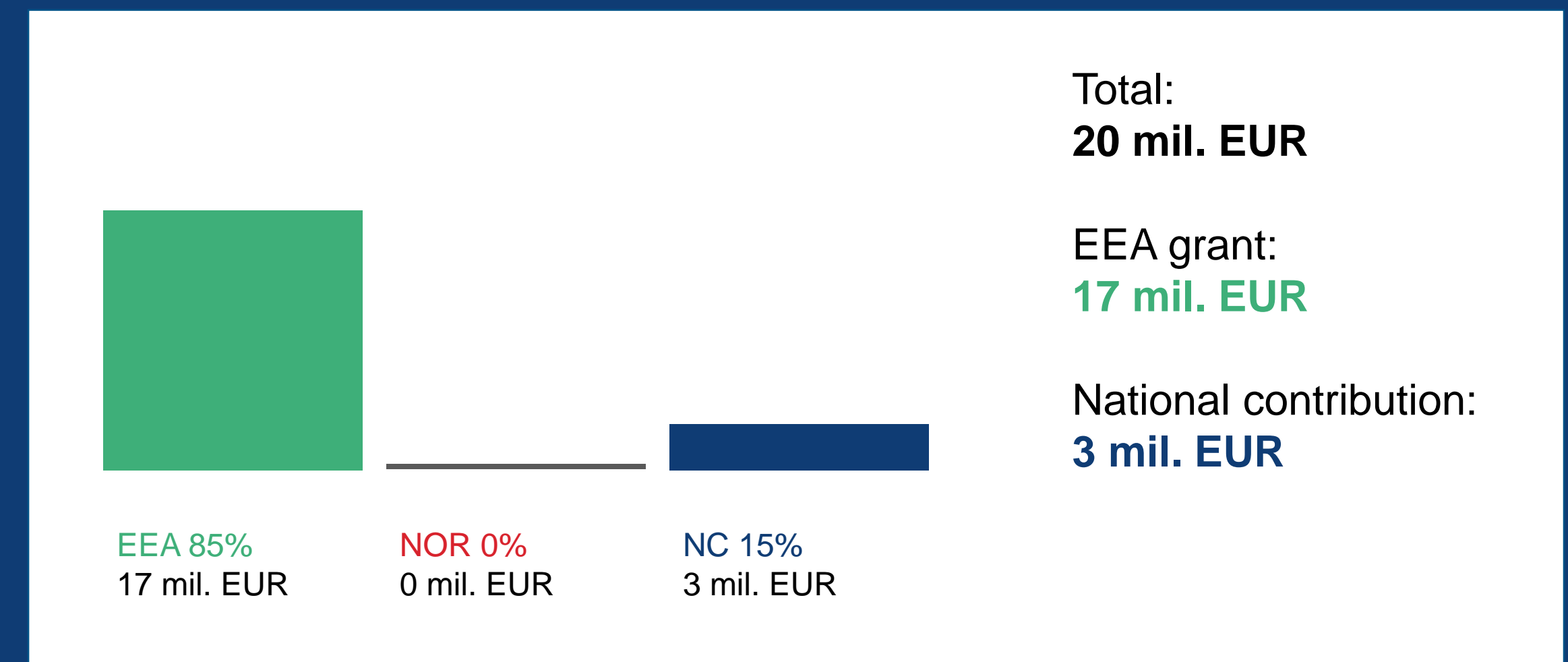
Memorandum of Understanding on the implementation of the EEA Financial Mechanism for the period from 2014 to 2021 between Iceland, the Principality of Liechtenstein, the Kingdom of Norway and the Republic of Croatia (3 July 2018)

Program Agreement for the "Energy and climate change" program (21 December 2020)



FINANCIAL FRAMEWORK

Program management: 1.1 mil EUR
Predefined Project: 1.6 mil EUR
Calls for Project Proposals: 17.3 mil EUR





Predefined Project

Establishment of the national training center for nearly Zero Energy Buildings (nZEB)

Project Promoter: Energy Institute Hrvoje Požar (EIHP)

Project Partner: Faculty of Civil Engineering, University of Zagreb

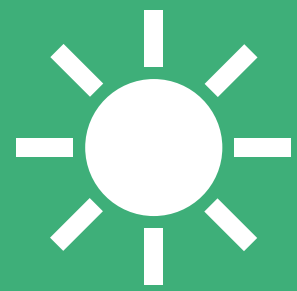
Project implementation period: 7 May 2021 to 30 April 2024

Total grant amount: 1.600.000,00 EUR (85% EEA, 15% national contribution)

The PDP aims to raise awareness and increase the relevant stakeholders' capacities in the field of the energy performance of buildings to implement innovative technical solutions the nearly zero energy standards. The goal will, inter alia, be achieved by establishing a national training center targeting experts' education tied to the nearly Zero Energy Buildings (nZEB).



Four Open Calls for Project Proposals



Increased solar energy production capacity (Call allocation: 7.400.000,00 EUR)

The Call supports more pilot projects of integrated photovoltaic power plants that will increase installed capacities of solar energy



Energy production from the sea (Call allocation: 1.534.000,00 EUR)

The Call supports pilot projects and pre-investment studies for installing seawater heat pumps for heating and cooling.



Technical documentation for geothermal energy (Call allocation: 3.000.000,00 EUR)

The Call supports applications that are planning to develop the technical documentation for geothermal energy projects



Increased geothermal energy production capacity (Call allocation: 4.956.000,00 EUR)

The Call supports applications that are planning to implement the pilot projects for increasing the capacities for the production and usage of heat produced from geothermal energy



Four Open Calls for Project Proposals

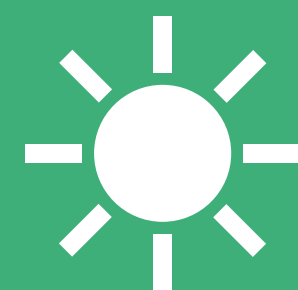
Grant amount per project: 200.000,00 – 1.300.000,00 EUR

Project grant rate: up to 85%

Project duration: 12 – 24 months

The eligible applicants: any entity, public or private, commercial, or non-commercial and non-governmental organization, established as a legal person in Croatia

The eligible partners: any public or private entity, commercial or non-commercial, and a non-governmental organization established as a legal person in donor states (Norway, Iceland, Liechtenstein) or Croatia



Two Small Grant Schemes



Deep geothermal energy database (Call allocation: 200.000,00 EUR)

The Call supports applications planning to develop the deep geothermal energy database

Project duration: 12 – 18 months



Shallow geothermal energy database (Call allocation: 200.000,00 EUR)

The Call supports applications that are planning to develop the shallow geothermal energy database

Project duration: 12 – 15 months

Grant amount per project: 5.000,00 – 200.000,00 EUR

Project grant rate: 100%

The eligible applicants: any entity, public or private, commercial, or non-commercial and non-governmental organization, established as a legal person in Croatia

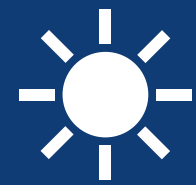
The eligible partners: any public or private entity, commercial or non-commercial, and a non-governmental organization established as a legal person in donor states (Norway, Iceland, Liechtenstein) or Croatia



Implementation results of the Programme



Increased solar energy production capacity



19 contracted projects

Total grant amount
9.320.348,68 EUR

Energy production from the sea



3 contracted projects

Total grant amount
2.283.434,30 EUR

Deep geothermal energy database



The funding decision was adopted for one project proposal and is currently in contracting phase

Predefined project

1 contracted project

Total grant amount
1.600.000,00 EUR



9 contracted projects

Total grant amount
2.299.531,95 EUR



3 contracted projects

Total grant amount
2.129.461,45 EUR



Technical documentation for geothermal energy

Increased geothermal energy production capacity

Shallow geothermal energy database

One project proposal is in the evaluation phase



Total granted amount on the Programme level

17.632.776,38 €



Implementation workshops

During September and October 2022 four implementation workshops were held for Project Promoters



Bilateral cooperation on Projects' implementation

Out of 34 contracted projects, 23 of them have donor project partners, of which 10 are from Iceland and 13 from Norway

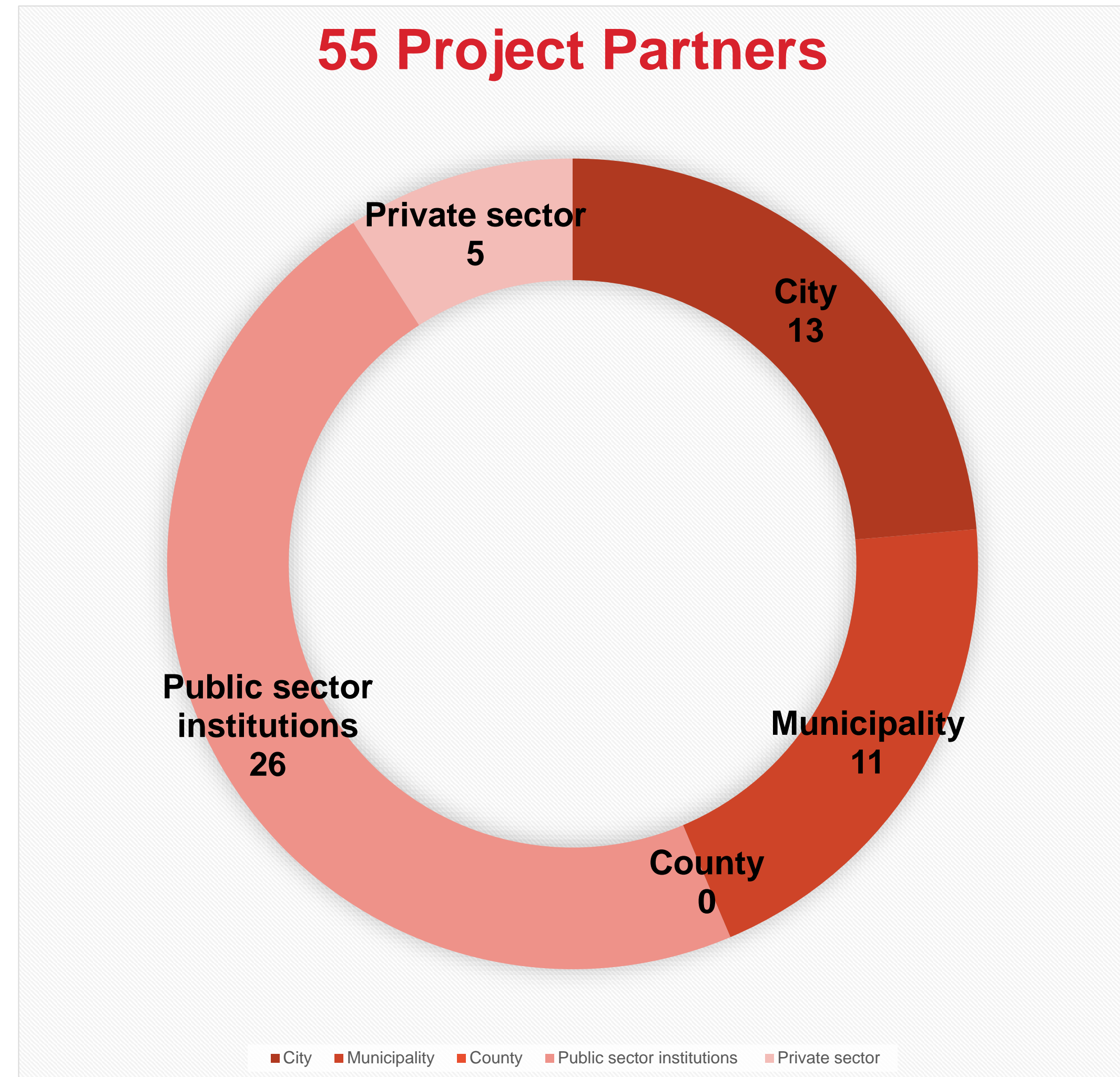
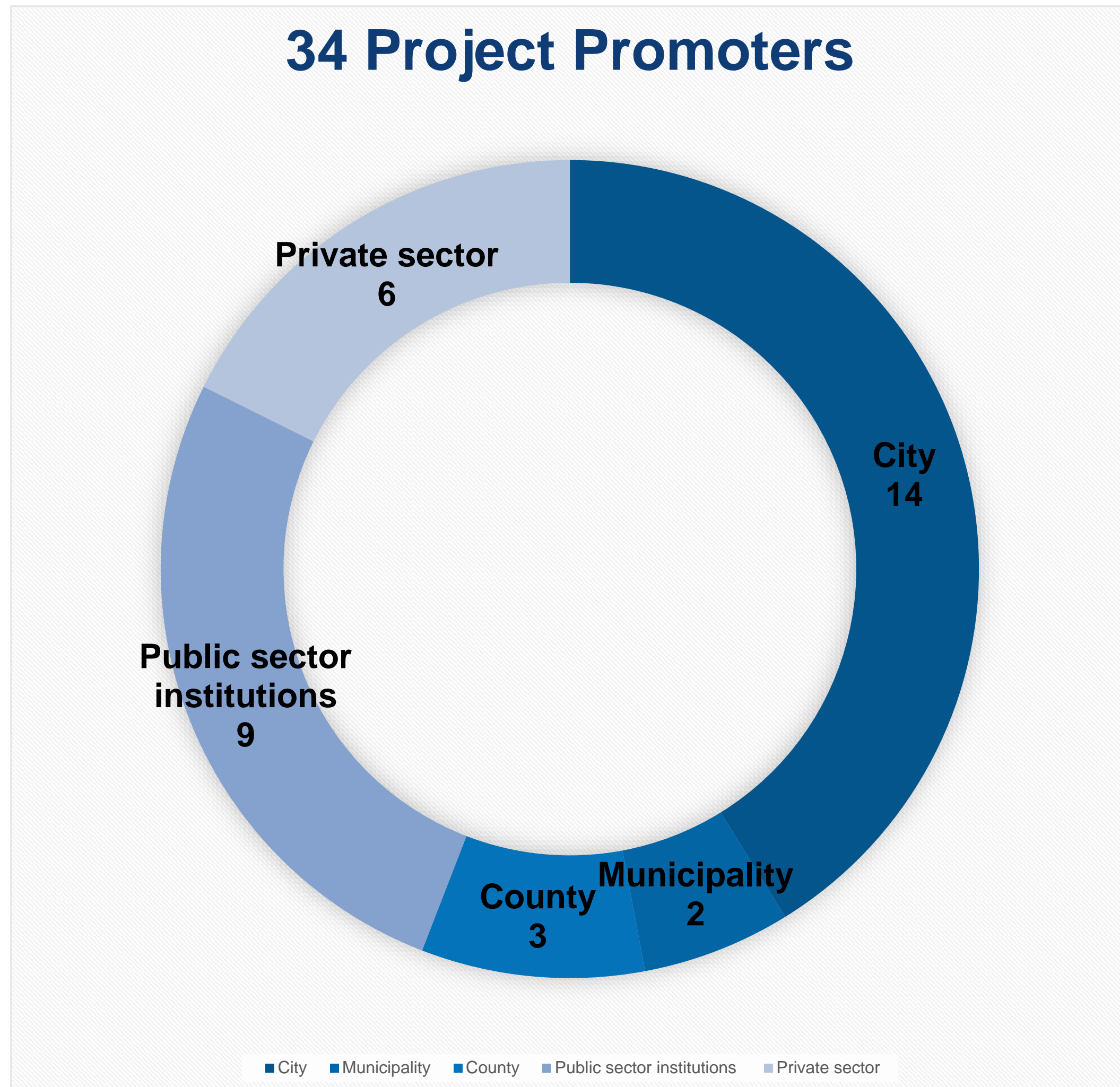



Project progress reports

The 1st project progress reports are currently in the control phase



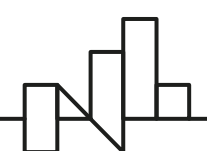
Project beneficiaries profiles (CRO)



 OVERALL: 27 cities, 13 municipalities, 3 counties, 35 public sector institutions, 11 private sector companies

The screenshot shows the website's layout. At the top left, there are logos for 'Iceland Liechtenstein Norway grants' and the 'REPUBLIC OF CROATIA' logo. At the top right, there is a navigation menu with links for 'NEWS', 'FINANCIAL MECHANISMS', 'PROGRAMMES', 'PROPOSALS', and 'CONTACT'. The main banner features a glowing lightbulb and the text 'Working together for a green..'. Below the banner is a grid of eight program categories: 'PROGRAMMES', 'Energy and Climate Change', 'Local Development And Poverty Reduction', 'Justice and Home Affairs', 'Innovation, Research, Education and Competitiveness', 'Civil society', 'Social dialogue', and 'Bilateral cooperation'. The 'Latest News' section contains three news items, each with a title, a brief description, and a date. A 'News section >' button is located at the bottom right of the news section.

www.eeagrants.hr



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