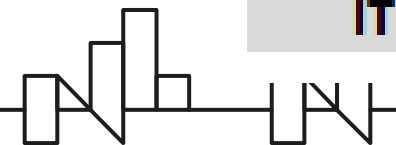
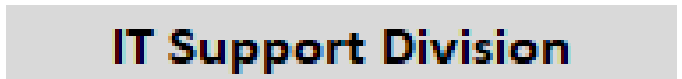
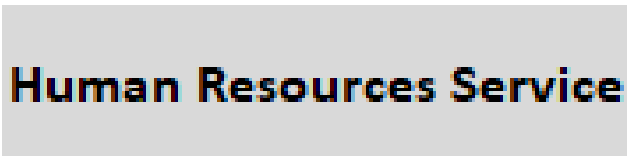
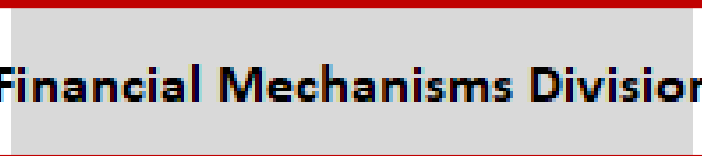
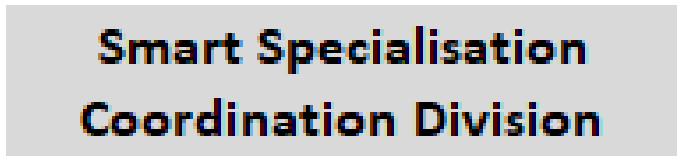
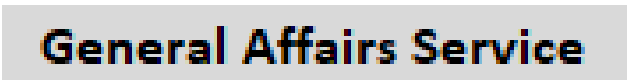
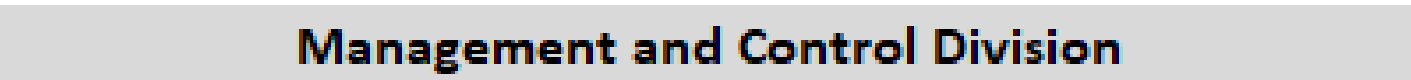
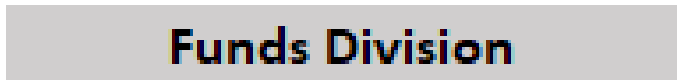
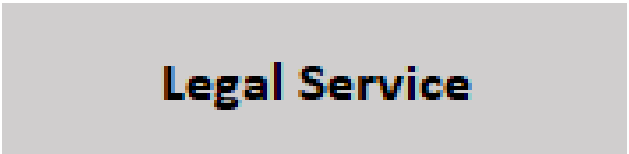
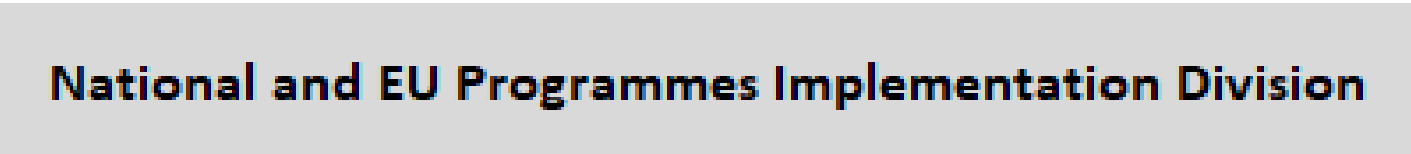
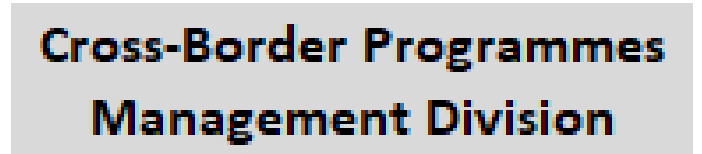
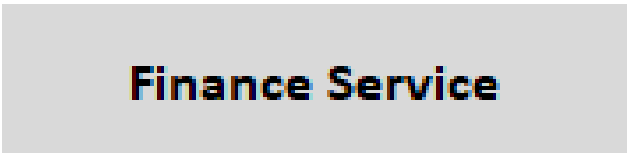
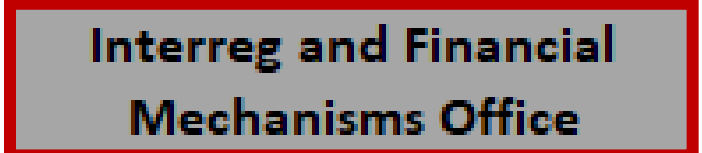
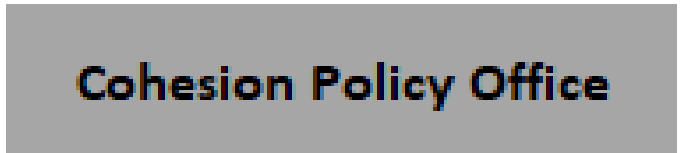
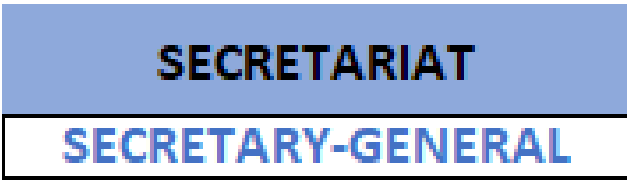
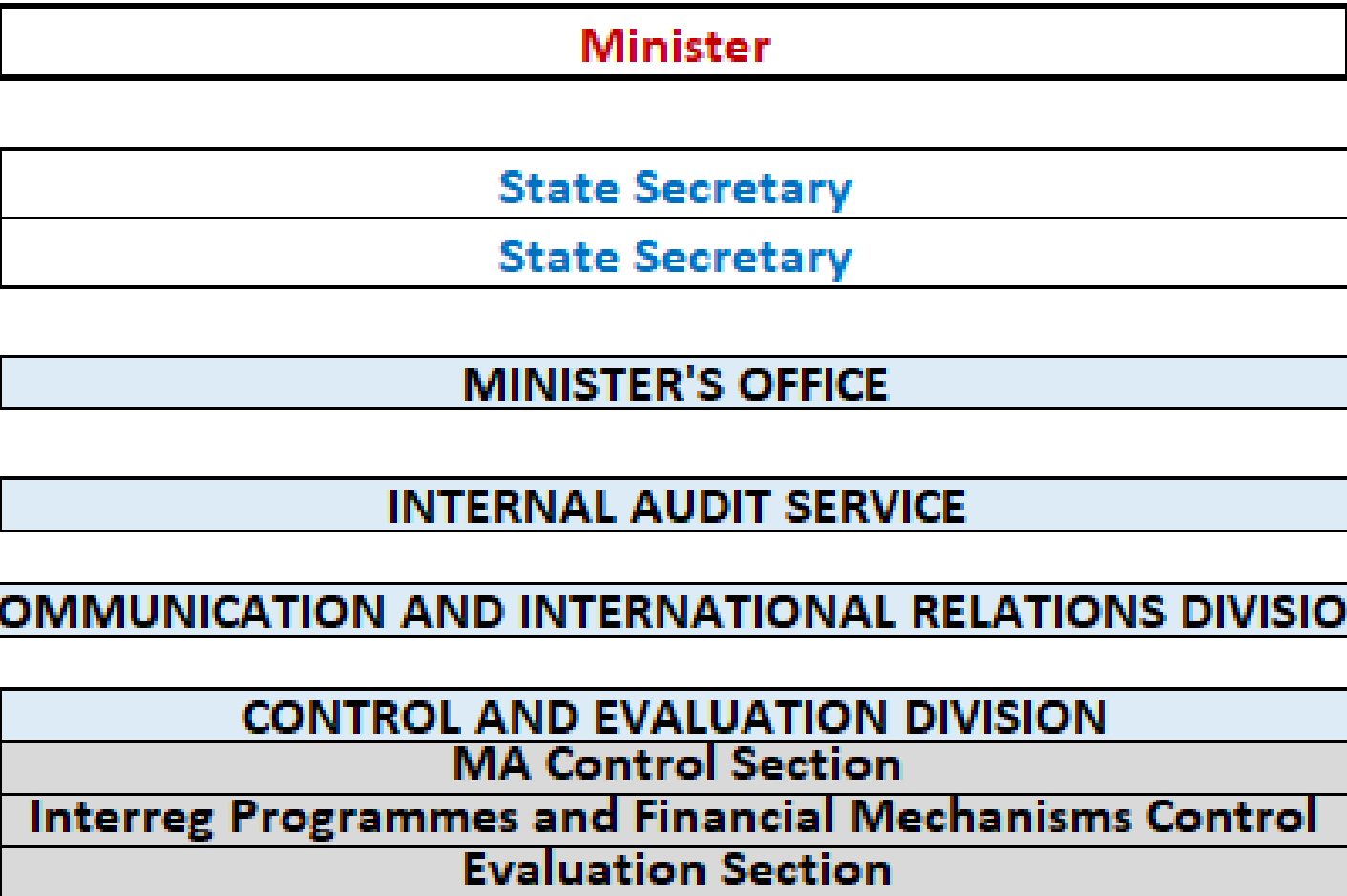


Climate Change Mitigation and Adaptation Programme in Slovenia

Ministry of Cohesion And Regional Development

Dubrovnik, 14 April 2023

Ministry of Cohesion and Regional Development – Organisational setup



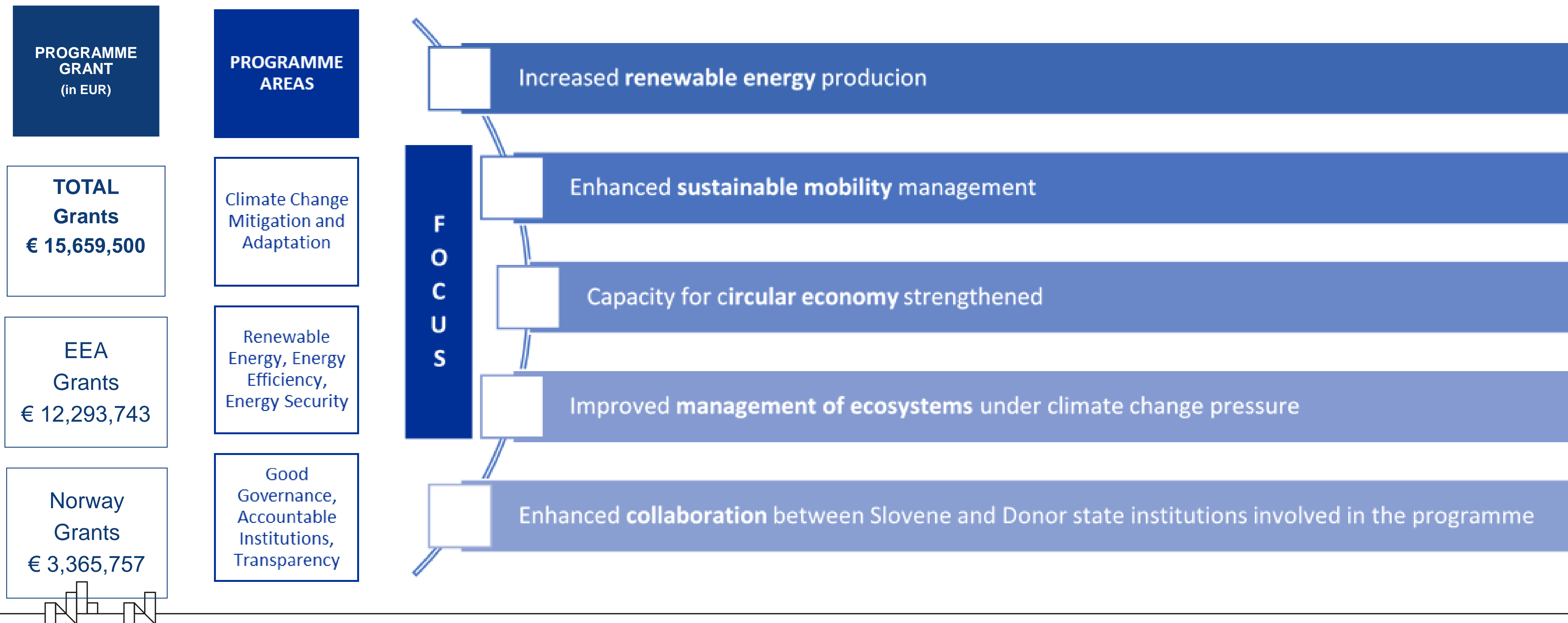
Basic programme information

Programme Operator:

 **REPUBLIC OF SLOVENIA**
MINISTRY OF COHESION AND REGIONAL DEVELOPMENT

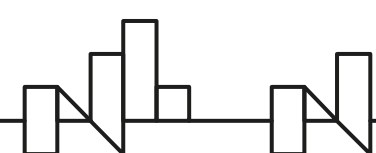
Donor Programme Partner:

 **NORWEGIAN ENVIRONMENT AGENCY (NEA)**



Selected projects and cooperation with DPPs

Programme Outcome	No. of projects selected	Allocated funds	No. of projects with DPPs	DPPs State
B.1: Increased renewable energy production	3	€ 3,934,727	2	NO, IS
B.2: Enhanced sustainable mobility management	5	€ 5,440,626	5	4 NO, 1 LI
B.3: Increased application of circular economy principles	6	€ 3,738,864	5	5 NO
B.4: Improved management of ecosystems under climate change pressure	3	€ 3,539,072	3	2 NO, 1 LI
TOTAL	17	€ 17,105,294	15	

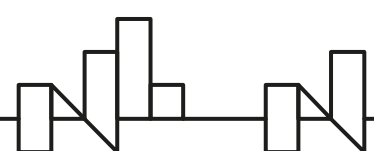


Presentation of projects



Supporting Efficient Cascade Use of Geothermal Energy by Unlocking Official and Public Information (INFO-GEOTHERMAL, pre-defined project)

- ❑ Project is related to the Outcome B.1: Increased renewable energy production and is related to the output B.1.1: Improved capacity to develop less established renewable energy sources.
- ❑ Pre- defined project is relevant on national level.
- ❑ Project objectives: improving availability of official information that supports development of geothermal energy projects, and increasing knowledge by providing focused trainings for experts and authorities as well as raising awareness through dissemination activities.
- ❑ From transferring knowledge from the worldwide leading geothermal country Iceland, joint activities will result in significantly improved formal support schemes for investments.
- ❑ Partnership: Project Promoter is Geological Survey of Slovenia, 4 project partners, Iceland School of Energy, Reykjavik University
- ❑ Budget: 1,073,529.41 EUR
- ❑ Project duration: September 2022 – April 2024
- ❑ The main project outcomes/outputs are as follows:
 - Number of national policies and laws influenced (target value:1)
 - Report on necessary legislative amendments of subsidy schemes for the accelerated use of geothermal energy prepared (target value:2)
 - Experts trained in geothermal technologies (target value: 40)
 - Mapping of technical potential of DEEP geothermal energy carried out



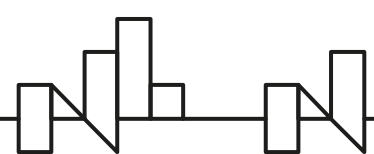
INFO-GEOTHERMAL (pre-defined)



Study visit to Iceland: District heating and thermal water power generation systems around Reykjavík (October – November 2022)

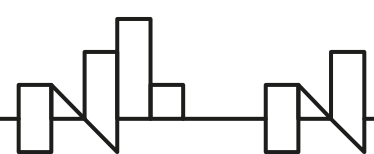


Study visit to Iceland: project presentation (October – November 2022)



Pilot Geothermal Power Plant on an Existing Gas Well Pg-8, pilot project (SI-Geo-Electricity)

- ❑ Project is addressing programme Output B.1.2: **Energy production from less established renewable sources installed.**
- ❑ Project objectives: The project SI-Geo-Electricity is designed to increase the production of renewable electricity by exploiting the geothermal potential available in Slovenia.
- ❑ In this context, an innovative pilot project which foresees the construction of the **first geothermal power plant** in Slovenia that should serve as a pilot to test the operation of such a geothermal power plant and as a demonstration project of good practice is carried out. The pilot is based on the use of a completely new method of electricity generation with a geothermal gravitational heat pipe (Slovenian patent).
- ❑ Partnership: Project Promoter is Hydropower company Dravske elektrarne Maribor, Ltd, 2 project partners from Slovenia
- ❑ Budget: 900,210.98 EUR (project grant 732,573.70 EUR)
- ❑ Project duration: May 2022 – April 2024
- ❑ The result of the project will be:
 - first pilot geothermal power plant in Slovenia with a capacity of 50 kWe will be able to provide 400 MWhe per year for electricity production, and with a zero-carbon footprint, will **contribute to the reduction of CO2 emissions** by 400.8 t/year.
 - strengthening new knowledge and capacities in the field of geothermal energy exploitation,
 - transfer of technological knowledge between research and industrial partners,
 - after the successful test operation of the pilot geothermal power plant, the construction of several new geothermal power plants on the already existing wells with sufficient thermal potential is planned.



SI-Geo-Electricity



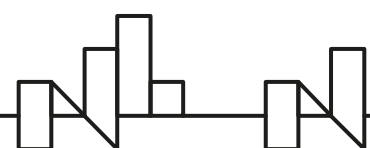
Underground construction work on the abandoned well Pg-8 for the needs of the Čentiba pilot geothermal power plant started in December 2022.

The keynote speaker at the official start of underground construction work was Dr. Aleksander Jevšek, Minister for Development and European Cohesion Policy (January 2023).



Project Solar Power for Reducing Emissions (SOPOREM)

- ❑ Project is addressing programme Output B.1.2: **Energy production from less established renewable sources installed.**
- ❑ The overall goal of the project is to increase the production of energy from renewable sources. The project will support the **construction of the second largest photovoltaic power plant** in Slovenia.
- ❑ The project focuses on kick-starting renewable energy production in the Port of Koper and Municipality of Koper through construction of two solar power plants.
- ❑ With the support of the Norwegian partner, project will explore the best possible solutions for the use of renewable energy sources, with views and directions for the future.
- ❑ Partnership: Project Promoter is Port of Koper, port and logistic system, Plc, 2 project partners: Municipality of Koper and Greenstat ASA (NOR)
- ❑ Budget: 3,556,432.50 EUR (project grant 2,128,623.58 EUR)
- ❑ Project duration: May 2022 – April 2024
- ❑ The main project outcomes/outputs are as follows:
 - The project will enable an exceptional (by 14%) increase in the current cumulative power of solar power plants in the entire Coastal-Karst region.
 - To ensure higher energy self-sufficiency of the only Slovenian cargo port and less dependence on fluctuations in electricity prices on the market
 - Estimated increase in energy production from renewable sources by 3.597 MWh /year.
 - Estimated annual reduction of CO2 emissions by 1.326 t.



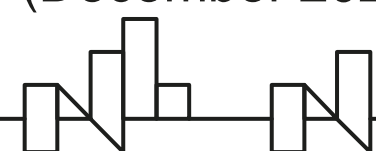
SOPOREM



SOPOREM launch event and press conference (December 2022)



The second project meeting was followed by a port visit and a visit of two warehouses where the Port of Koper will build the second largest solar power plant in Slovenia. Partners also visited the P&R Sonce parking garage, where the Municipality of Koper will install a solar power plant (November 2022)



Thank you for your attention!