

Extensive consultations on LTS background analysis in Slovenia

Katarina Trstenjak, Jožef Stefan Institute, Slovenia

Ljubljana, 6.10.2021



LIFE
CLIMATE
PATH
2050

Projekt LIFE ClimatePath2050 (LIFE16 GIC/SI/000043)
je financiran iz finančnega mehanizma LIFE, ki ga
upravlja Evropska komisija, in iz Sklada za podnebne
spremembe Ministrstva za okolje in prostor RS.



LIFE ClimatePath 2050

PROJECT AIM

To enhance the use of quantitative analyses among decision-makers and stakeholders

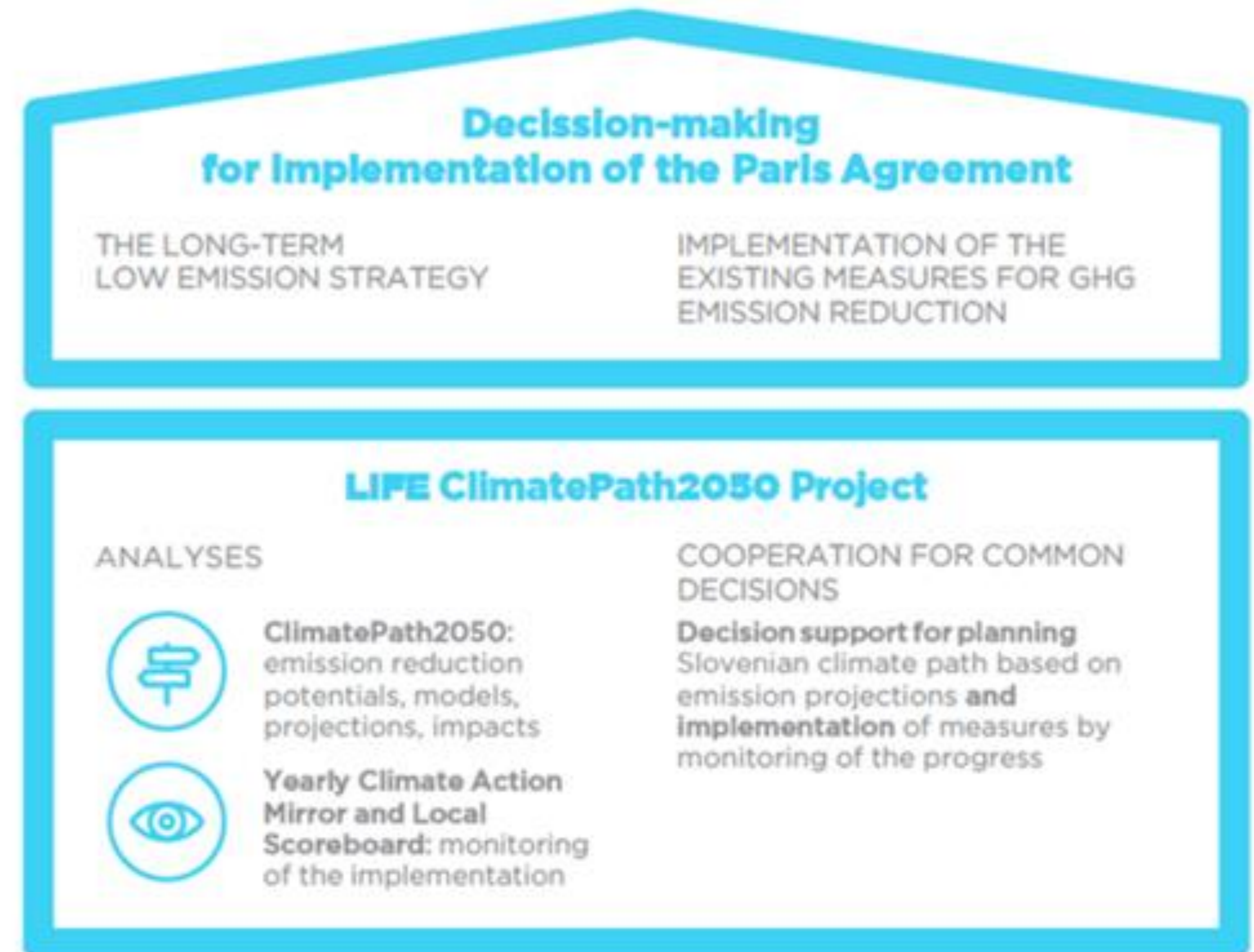
Improve support in policy making:

- Planning climate actions
- Monitoring progress and guiding of the existing climate measures



COP21-CMP11
PARIS 2015
UN CLIMATE CHANGE CONFERENCE

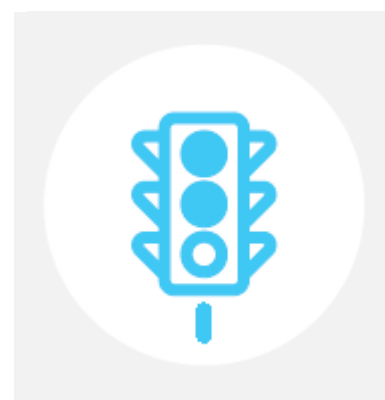
Project supports Paris Agreement goals



Main project results



Climate Mirror 2018 ✓, 2019 ✓, 2020 ✓
establishing integrated national monitoring system
GHG, RES, EE



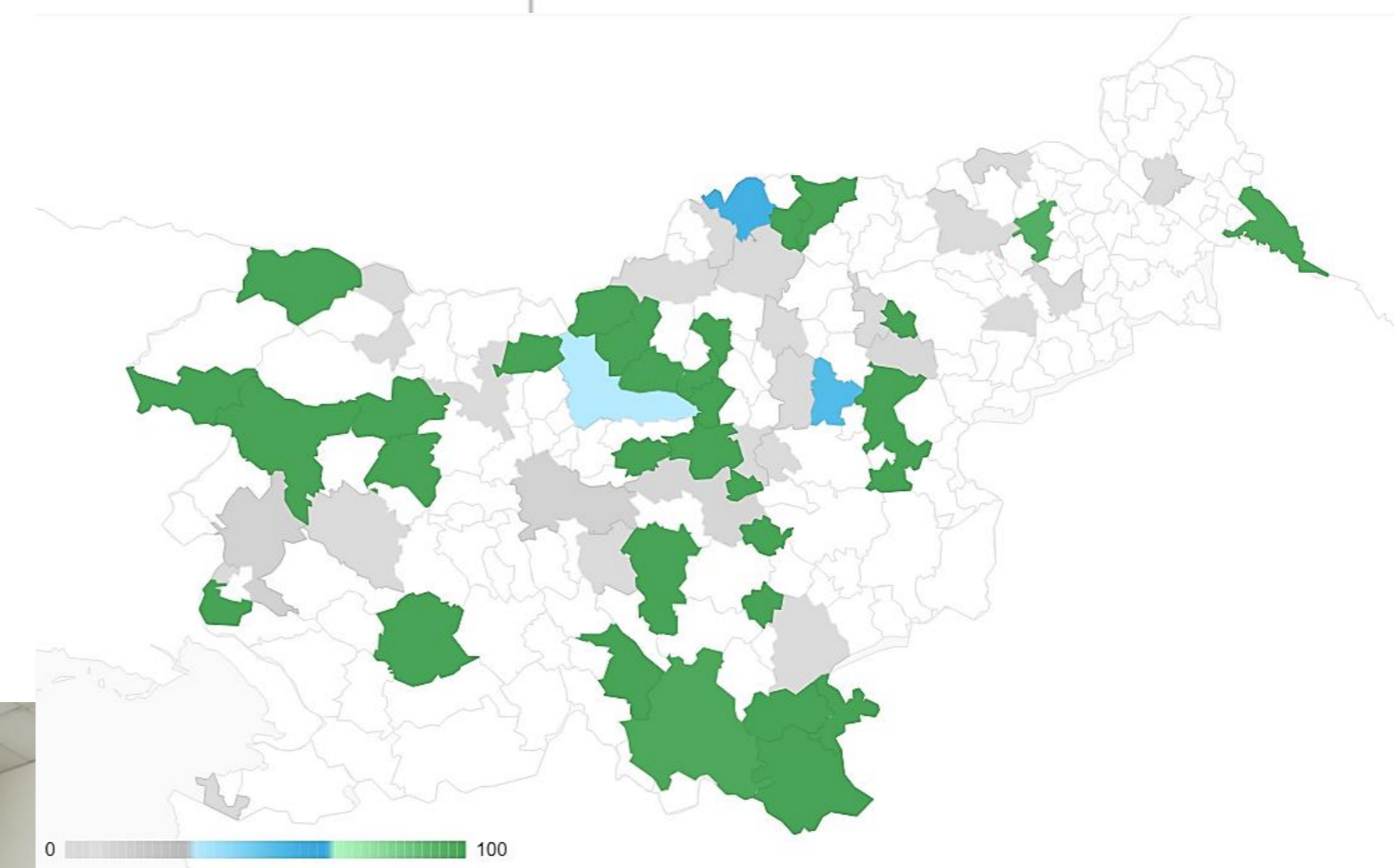
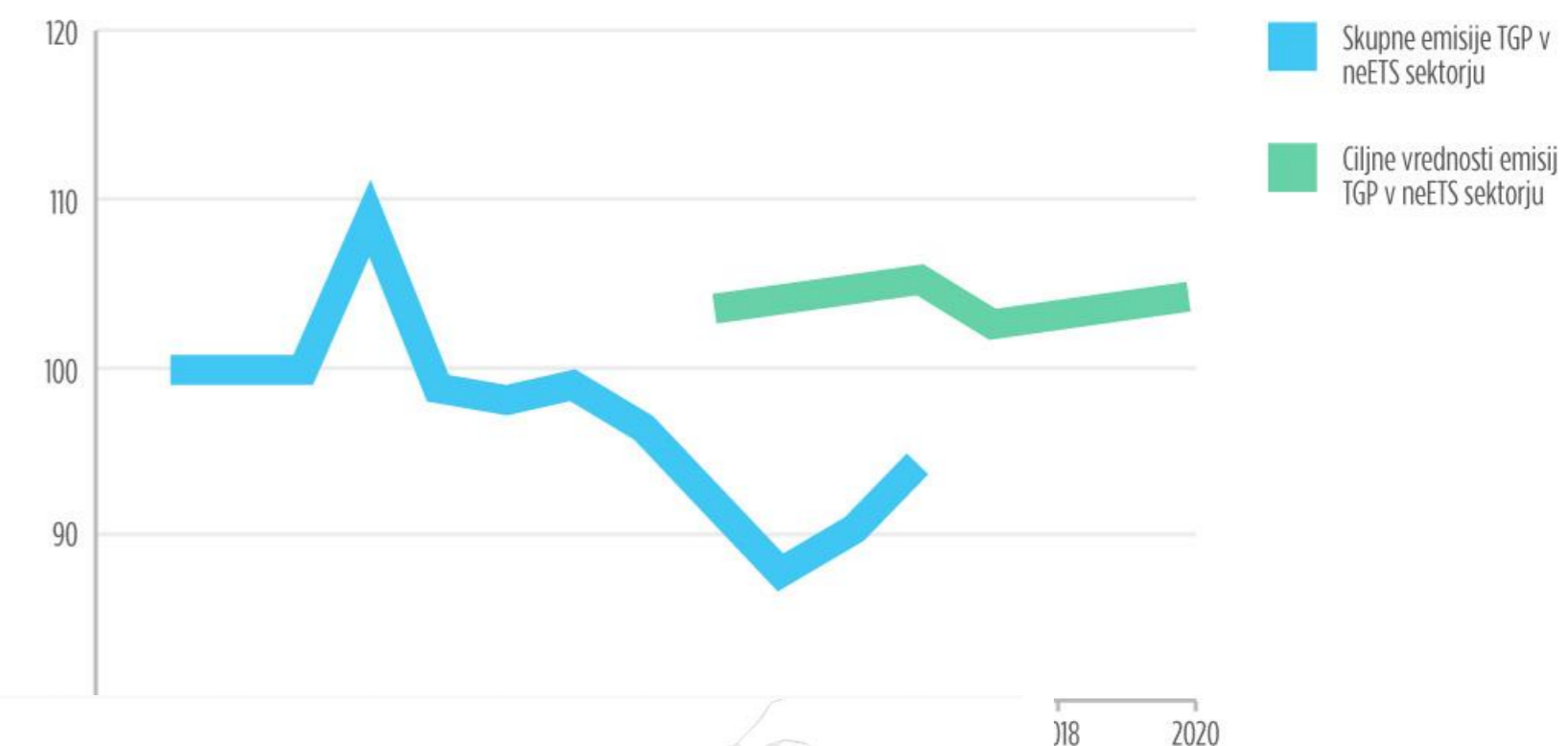
Local scoreboard for municipalities ✓
online platform for local communities to use results for
climate action progress monitoring



Climate Path 2050 ✓
Scenario analysis – GHG projections, including
impact assessments for LTS in Slovenia; projections
also used for NECP and National Air Pollution control
Programme



Coordination process
to support use of analysis at decision making



COORDINATION PROCESS

Increased use of analyses by policy makers. Improved transparency of monitoring and accountability of progress tracking. **Improved knowledge and accessibility of data**
Building stronger network of experts and dissemination on emission projection and monitoring.

- Between September 2017 and September 2021; 35 workshops (4 on Mirror) and 3 events (on Mirror)
- 1071 people attended workshops and events (549 different people; ministries, NGOs, companies, local energy agencies...) (*statistics until year 2020)



Consultation on the analysis

7 workshops

- *Climate neutrality- from weather to how; consultation about long term climate strategy for Slovenia*
- *Strategica EIA process and evaluation of scenarious*
- *Preparing LTS Scoping*

10 workshops on results



10 workshops on potentials

- *Potentials of shallow geothermal energy*
- *Perspective of energy contracting and financing renovation in buildings in Slovenia in 2020-2030*
- *Financial incentives/subsidies to reduce GHG in the economy*

3 workshops

- *Energy prices projections*
- *Projections of transport work*
- *GDP projections*

Legal frame of climate and energy policy

Paris agreement

- Maintain rise of average global temperature significantly **below 2 °C and try to keep it to 1,5 °C increase**
Achieve balance between GHG emissions from antropogenic sources and their capture in sinks in the second half of this century



Slovenija should prepare and submit its LTS to UNFCCC by the end of 2020, resolution adopted by the government april 2021

Regulation on the Governance of the Energy Union and Climate Action (EU) 2018/1999

LTS Slovenia by the 2050

NECP Action plan 2030 / 2040

Harmonised!

Clean planet for all (EU)
Net zero emission by the 2050

Winter EU package paket zakonodaje EU
(RED2, EED2, EPBD idr.)

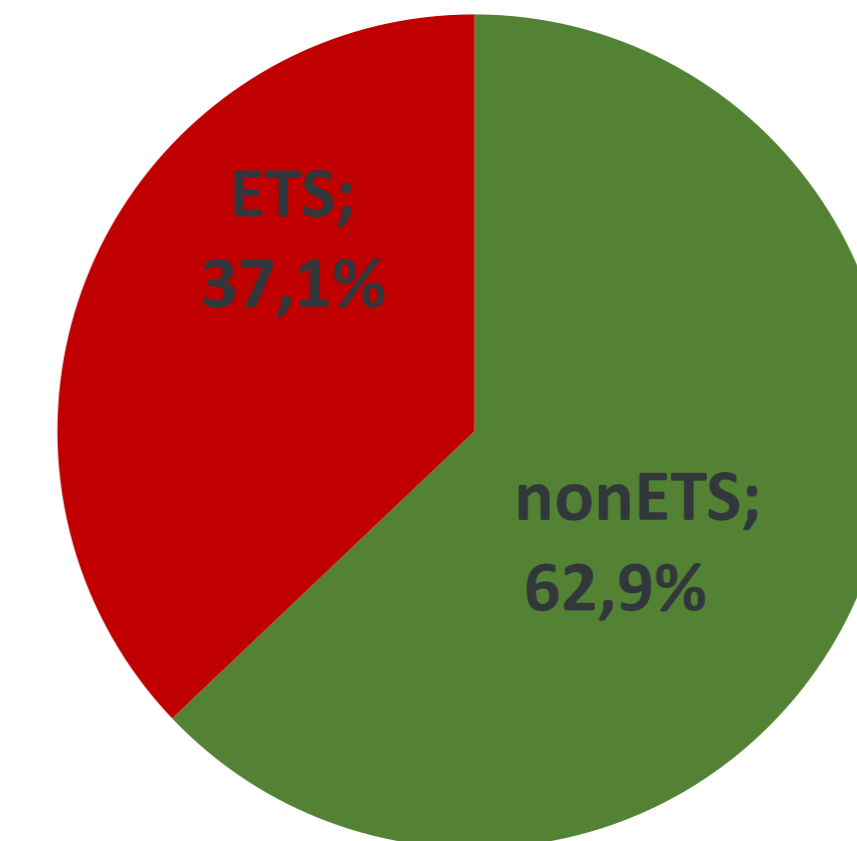
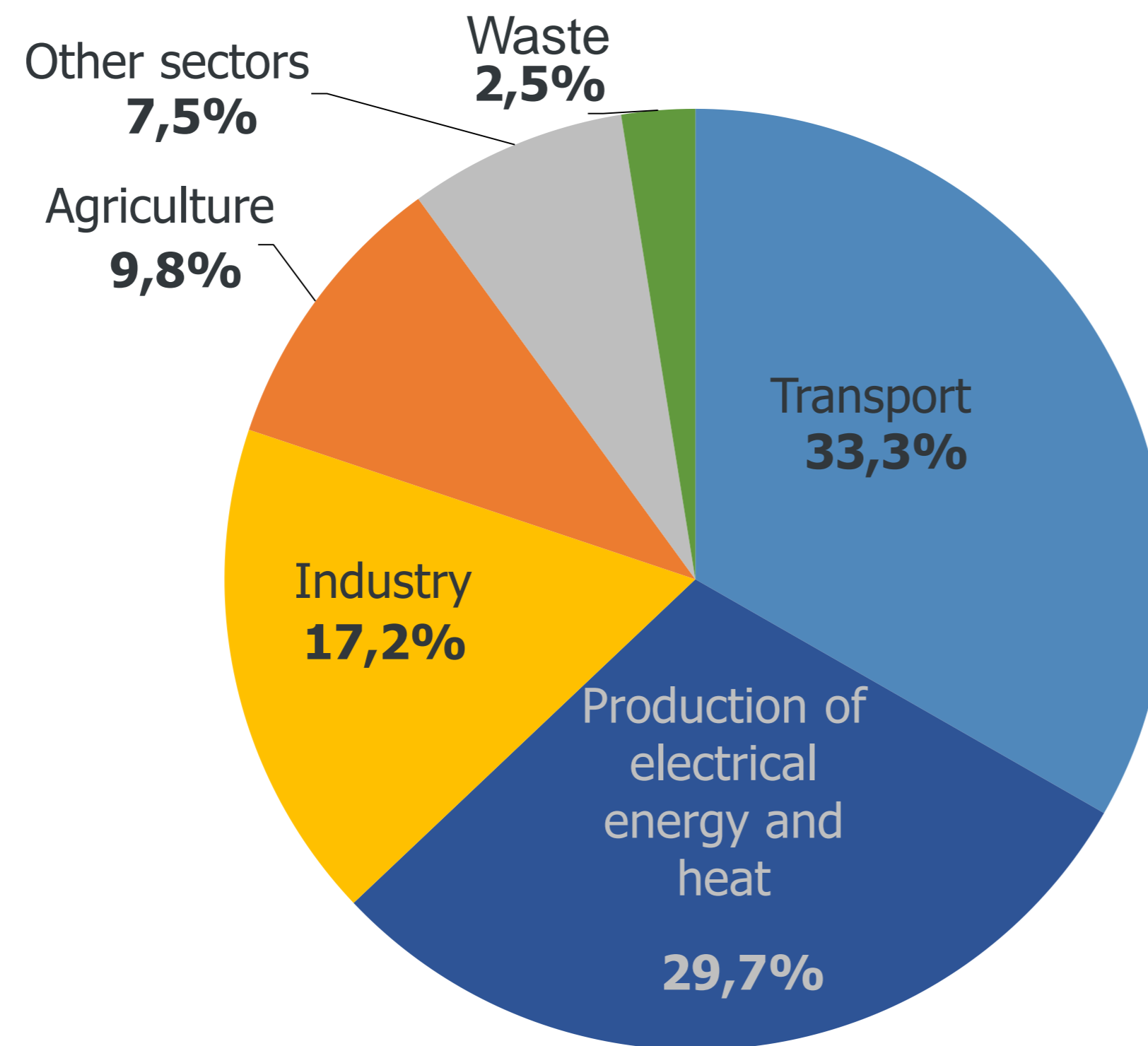


LIFE ClimatePath2050 (LIFE16 GIC/SI/000043) je financiran iz finančnega mehanizma LIFE, ki ga upravlja Evropska komisija, in iz Sklada za podnebne spremembe Ministrstva za okolje in prostor RS.

GHG emissions in Slovenia by sector

Structure of all emission in 2018

17,5 MtCO_{2ekv}



Pripravi IJS-CEU

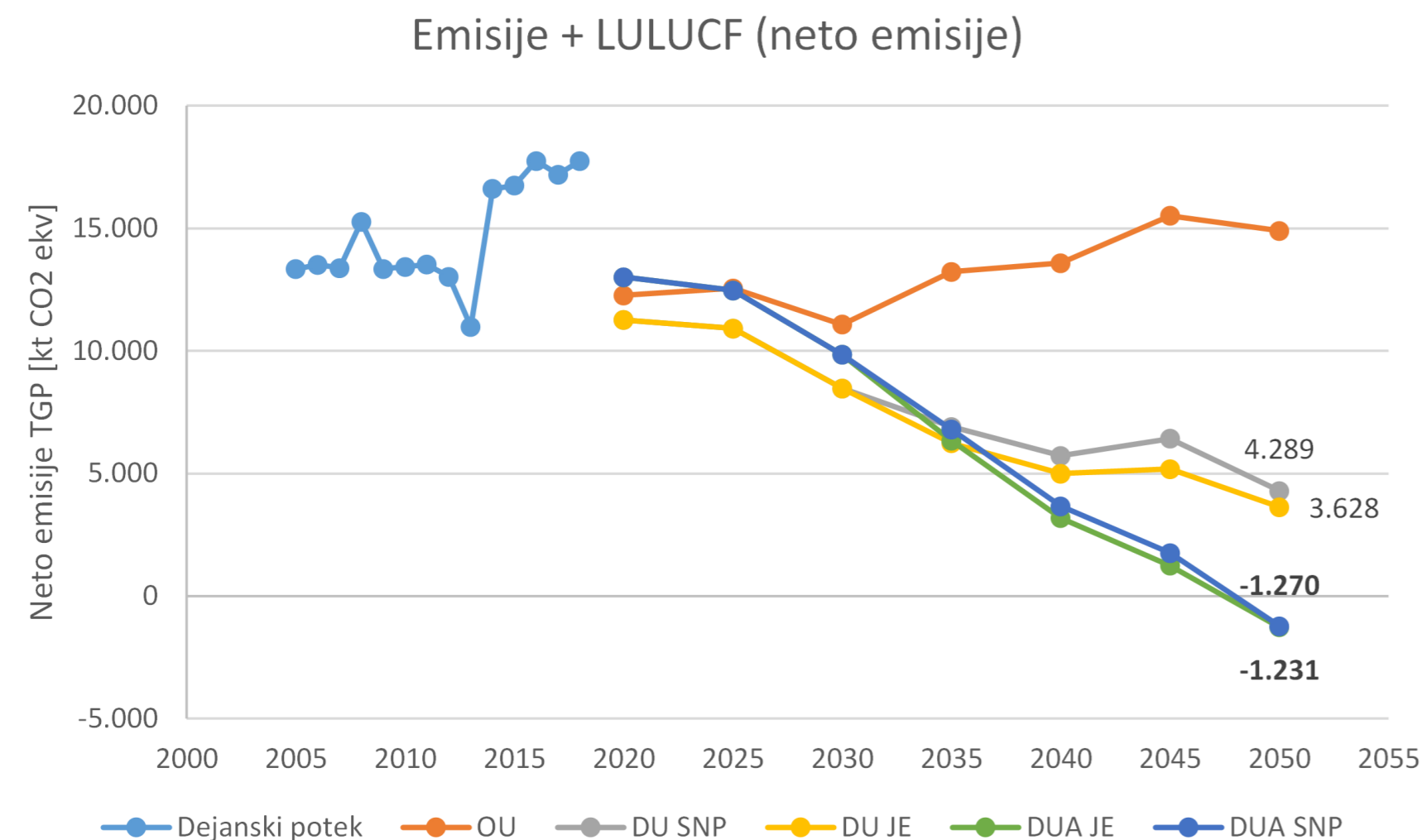
2,9%

Projections/analytical analysis were used as analytical base for

Long term climate strategy (LTS) and also for NECP



➔ Climate neutrality



From analysis to a document



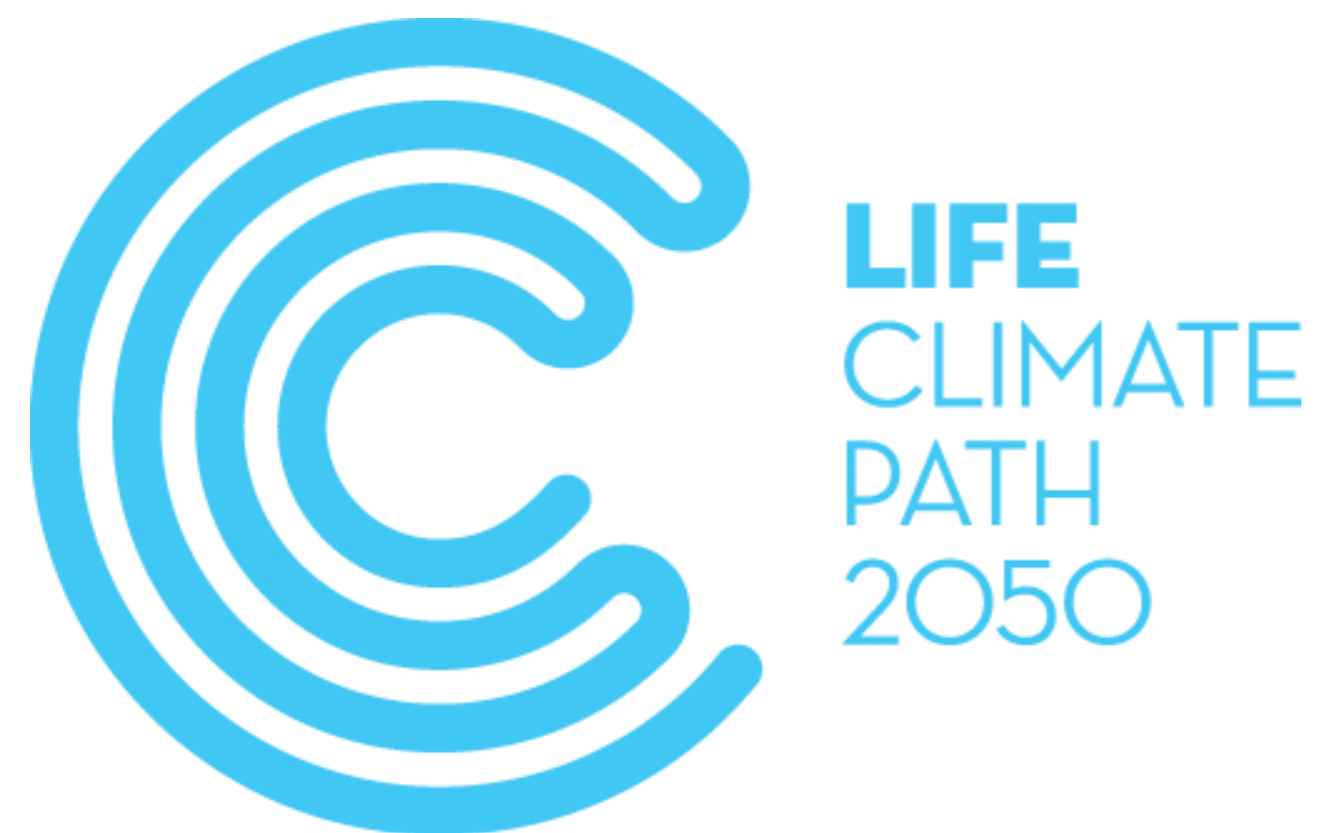
	Letne emisije TGP [kt CO ₂ ekv]		Strateški sektorski cilji zmanjšanja glede na leto 2005
	2005	2018	2050 DPSS
Promet	4.416,5	5.824,0	90 - 99%
Energetika	6.974,5	5.189,6	90 - 99%
Industrija	3.912,5	3.014,4	80 - 87%
Kmetijstvo	1.732,8	1.721,7	5 - 22%
Široka raba	2.680,0	1.310,8	87 - 96%
Ravnanje z odpadki	740,5	441,7	75 - 83%
SKUPAJ	20.456,8	17.502,1	80 - 90%
LULUCF	-7120,8	243	Ponor vsaj -2500 kt CO₂ ekv
SKUPAJ	13.336	17.745,1	Doseganje neto ničelnih emisij TGP

Lessons learned

- NECP; shaped by JSI; worked on foundations of good coordination process within LIFE ClimatePath2050
- Shaping a draft LTS for the Slovenian ministry by JSI with partners; public consultation and workshops (presentations during public consultations)
- Line between expert work and political decisions
- Change of the government (timeline, approaches)
- COVID 19 (priorities, restriction on live events/workshops)
- Possibilities for future cooperations; established network of experts

END REMARK

Major transformation (climate neutral society); everyone has to be onboard, engagement of all “layers” and sectors is necessary.



Vodilni partner projekta LIFE Climate Path 2050:



Institut "Jožef Stefan"
Center za energetska učinkovitost

Partnerji projekta LIFE Climate Path 2050:



ELEK,
načrtovanje,
projektiranje in
inženiring, d.o.o.



Gradbeni
Inštitut ZRMK,
d.o.o.



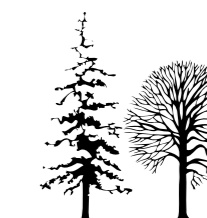
Inštitut za
ekonomska
raziskovanja



Kmetijski
inštitut Slovenije



PNZ svetovanje
projektiranje,
d.o.o.



Gozdarski
inštitut Slovenije

www.PodnebnaPot2050.si

Thank you.
katarina.trstenjak@ijs.si