



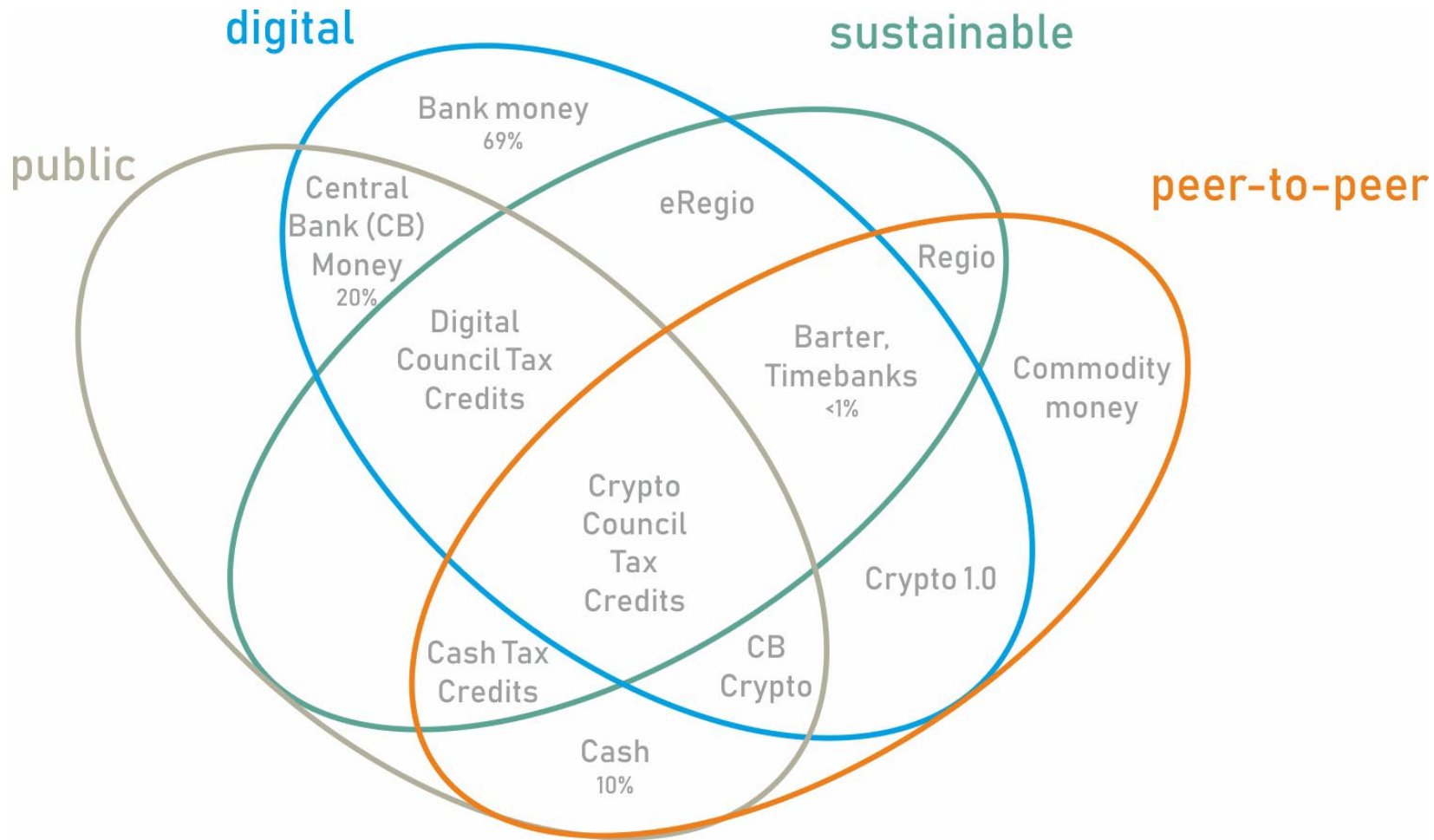
COMPLEMENTARY CURRENCIES AS SOCIAL INNOVATIONS

CREATING MONEY FOR SOCIAL-ECOLOGICAL TRANSFORMATION

WEBINAR, 24 JANUARY 2023

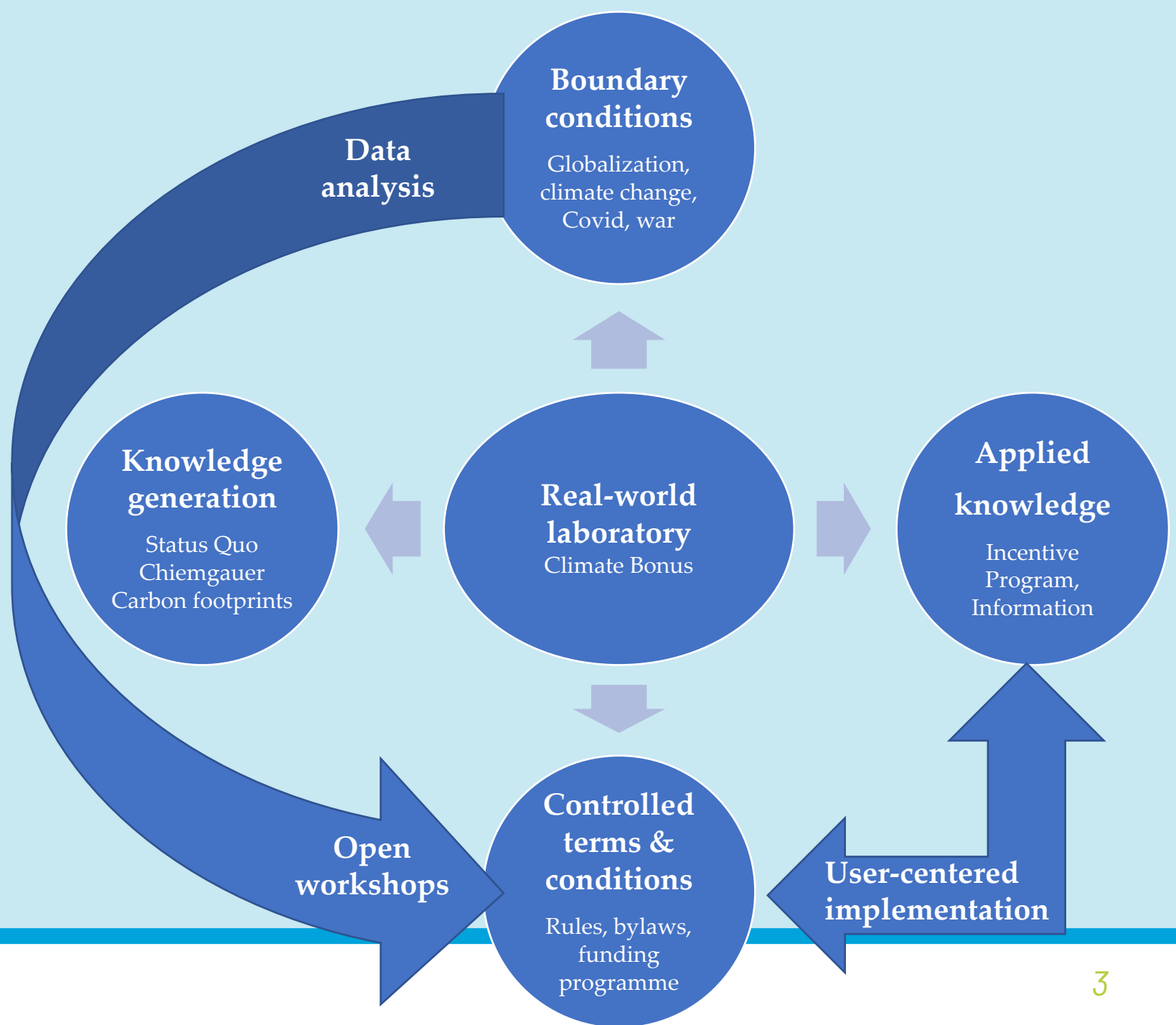
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COMPLEMENTARY CURRENCIES

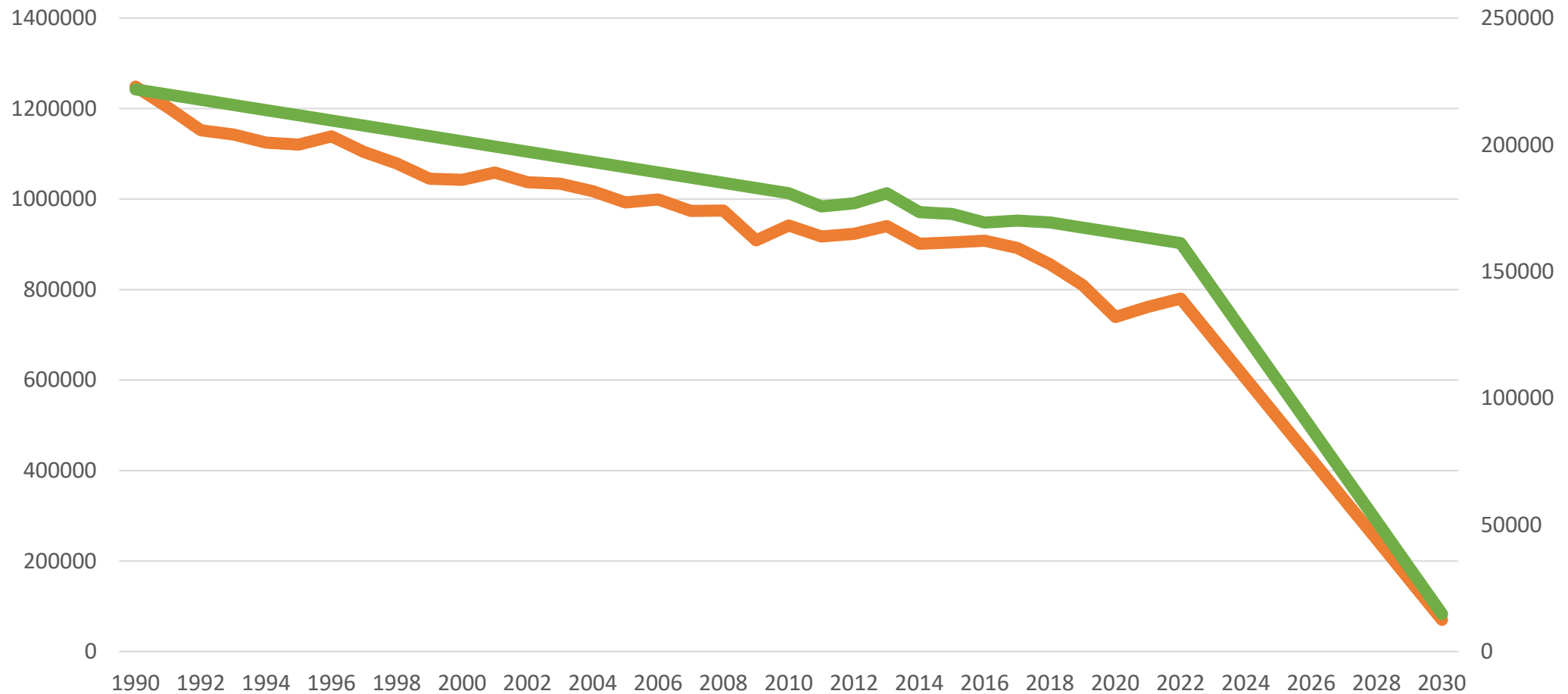


Inspired by Bech/Garrat 2017

RESEARCH PATH



Objectives



Level of Greenhouse Gases 1990 to 2022 & Necessary Mitigation Path Until 2030; source: GEA (UBA) 2022
Left axis: Path for Germany (orange); Right axis: Path for Traunstein (green); source: City of Traunstein 2021

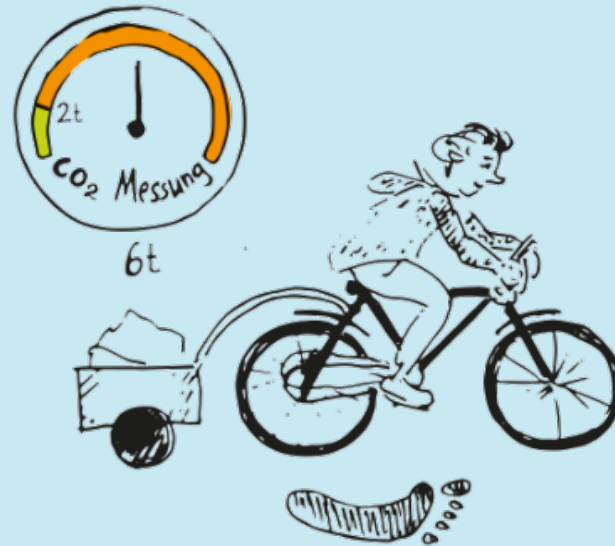
CLIMATE BONUS



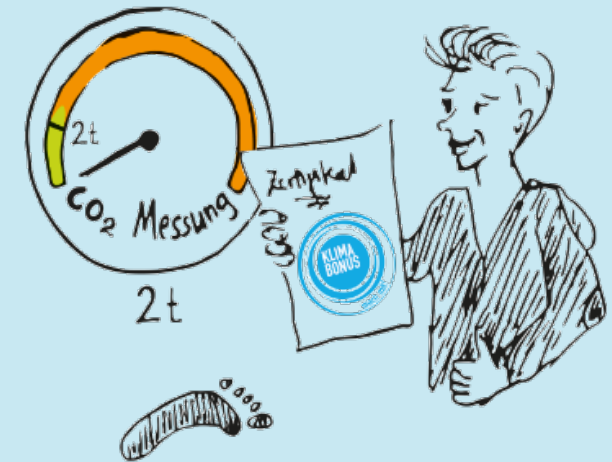
Measure



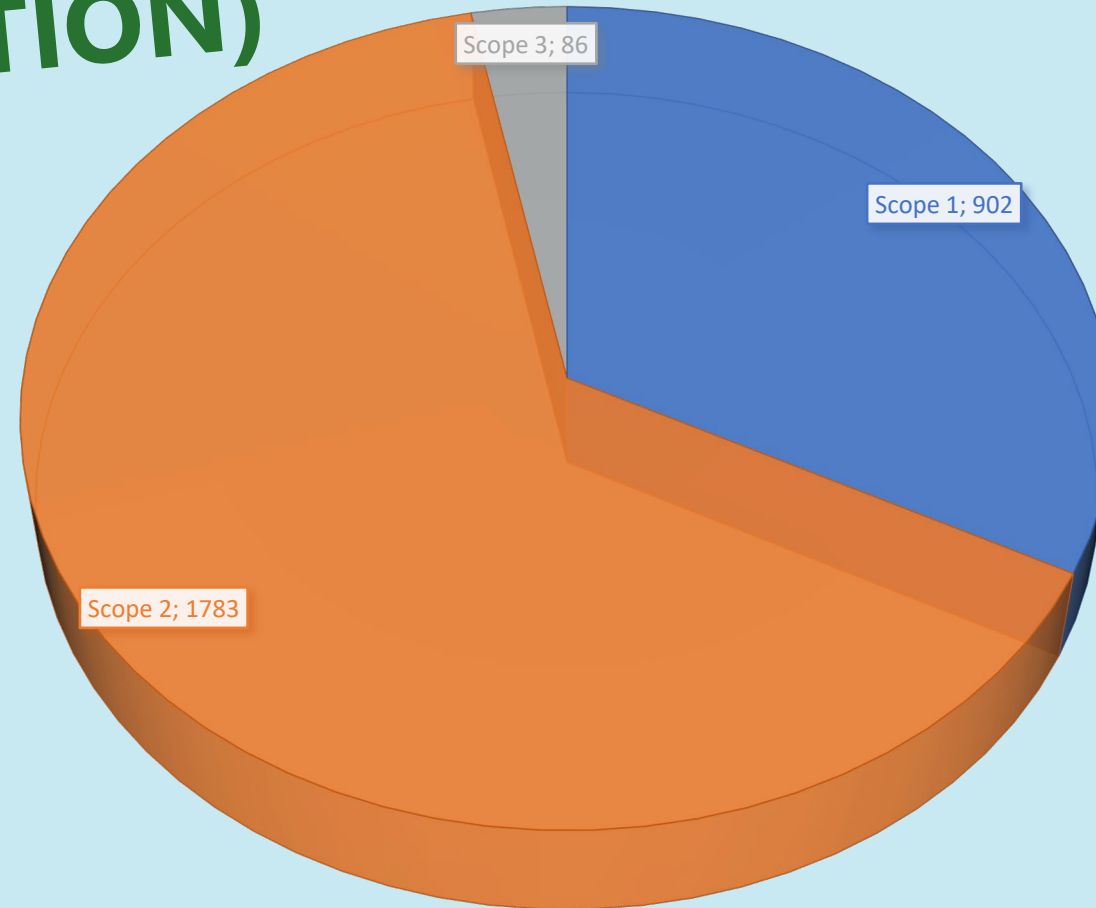
Reduce



Compensate



CARBON BALANCE CITY OF TRAUNSTEIN (ADMINISTRATION)

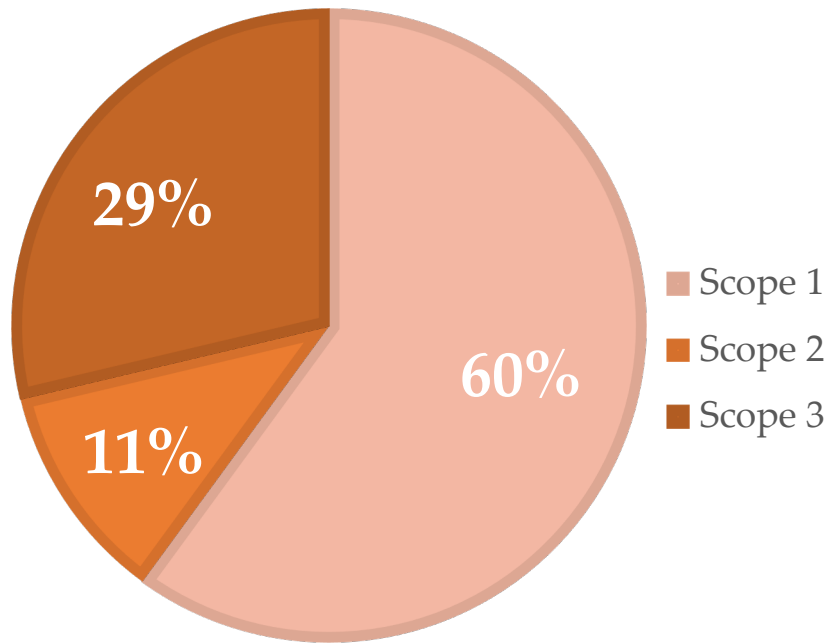


Method:
Bisko-Standard &
Greenhouse Gas Standard,
ISO 14064-2:2019

MEASUREMENTS

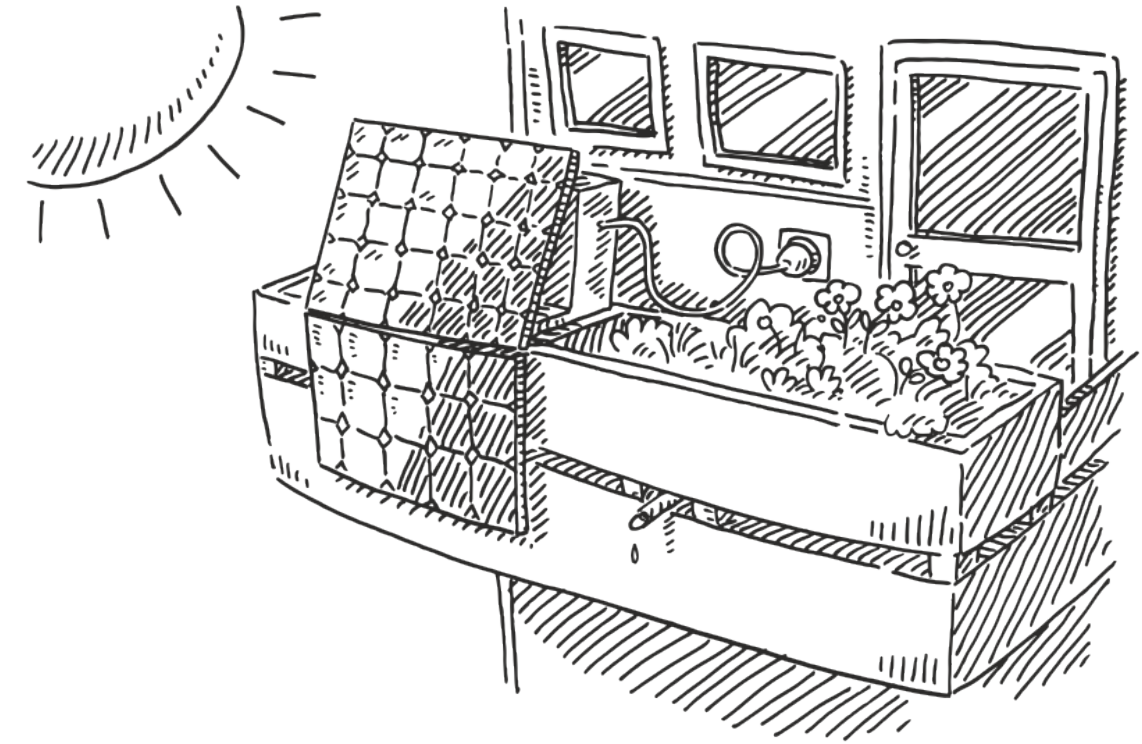


Measurement	Years	to/a	to
Solar panel	20	3.550	71.000
Renewable electricity	8	1.130	9.040
Humus build-up	30	15.000	450.000
Insulation	25	2.000	50.000
Pellet heating	15	4.000	60.000
Car sharing	5	0.280	1.400
Bicycle repair	1	0.050	0.050
Orchard	20	1.000	20.000
Replace refrigerator	10	0.140	1.400
Organic cleaner	1	0.003	0.003
Repair café	1	0.024	0.024
Jeans repair	1	0.011	0.011
Balcony solar panel	20	0.122	2.430



Carbon balance of city
with a total of 2.700 tons of CO₂

$$2.700 \times 100 \text{ €} = 270.000 \text{ €}$$



**Local
Climate Fund**

$$90 \times 120 \text{ CB} = 10.800 \text{ CB}$$

$$\cong 90 \times 1.4 \text{ tons} = 126 \text{ tons CO}_2\text{e}$$

Climate Bonus Circle

