

gen-i



SMART ENERGY

GEN-I on a path towards sustainability

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The biggest global challenge of our
time is clear

2021

Global warming

2050

**Greenhouse
gas emissions
Neutrality**

2021

Energy is responsible for over
25% of all emissions

2040

**Decarbonisation of energy sector
while maintaining reliability of supply**

Role of business/economy in green transformation

Our belief: business leaders have all the gears and need to lead the way

GEN-I

We live what we believe

Vision (2016)

By using state-of-the-art green technologies and digital solutions, we will carry out the green transformation of the Slovenian energy sector.

GEN-I mission:
Lead promoter of green
transformation

How will we do it?

Three dimensions of GEN-I operations

Geared towards our employees

Geared towards our consumers

Geared towards other stakeholders in the energy sector

People

We measure our CO₂ emissions and report on them.

We adopt measures for our own decarbonisation.

Our goal

Carbon neutrality by 2025

year	2018	2019	2020
T CO ₂ e/employee	3.1	1.6	0.8

We are building an entrepreneurial culture based on strengths, employee development and expanding our green mission

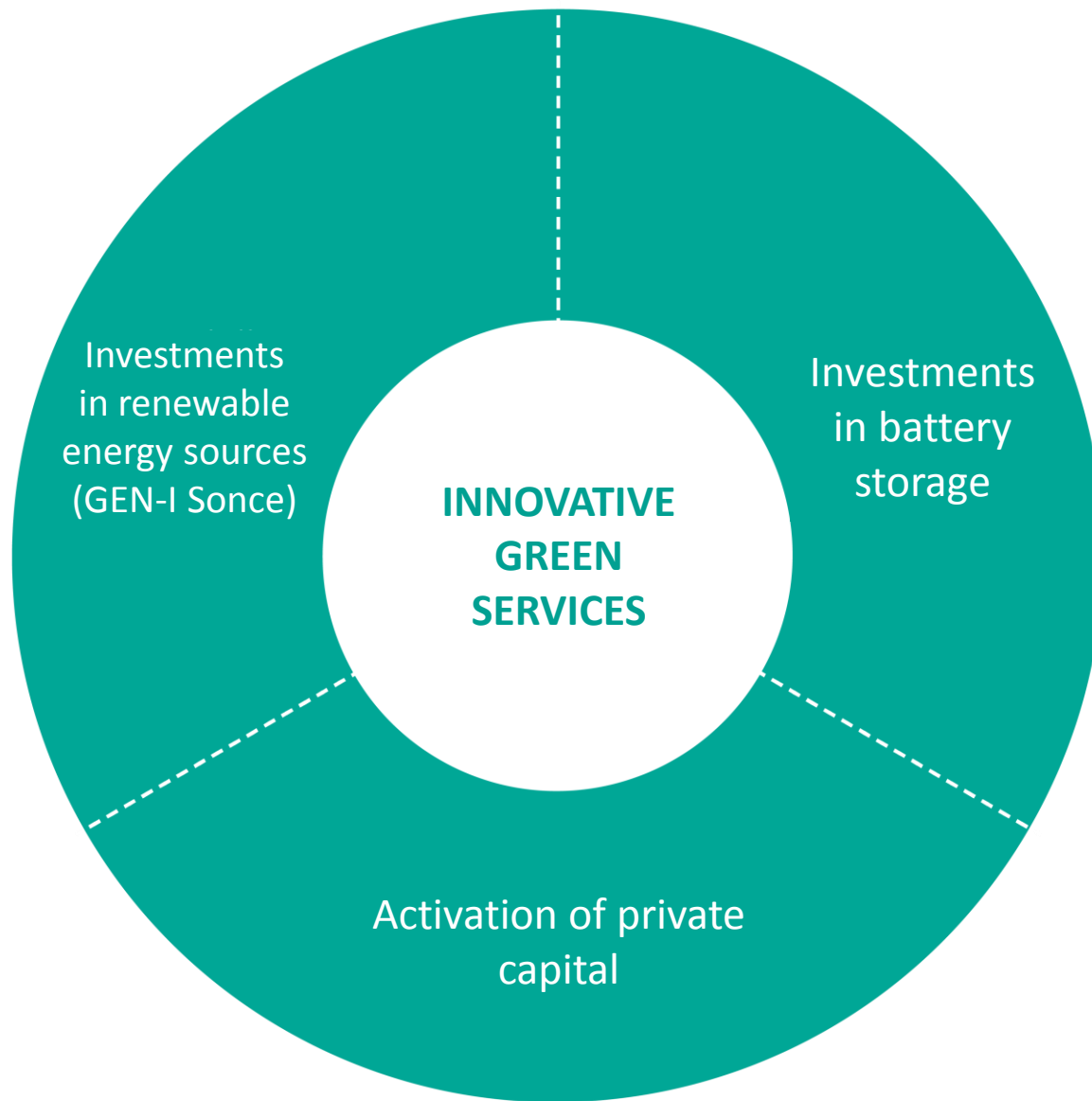
Green onboarding

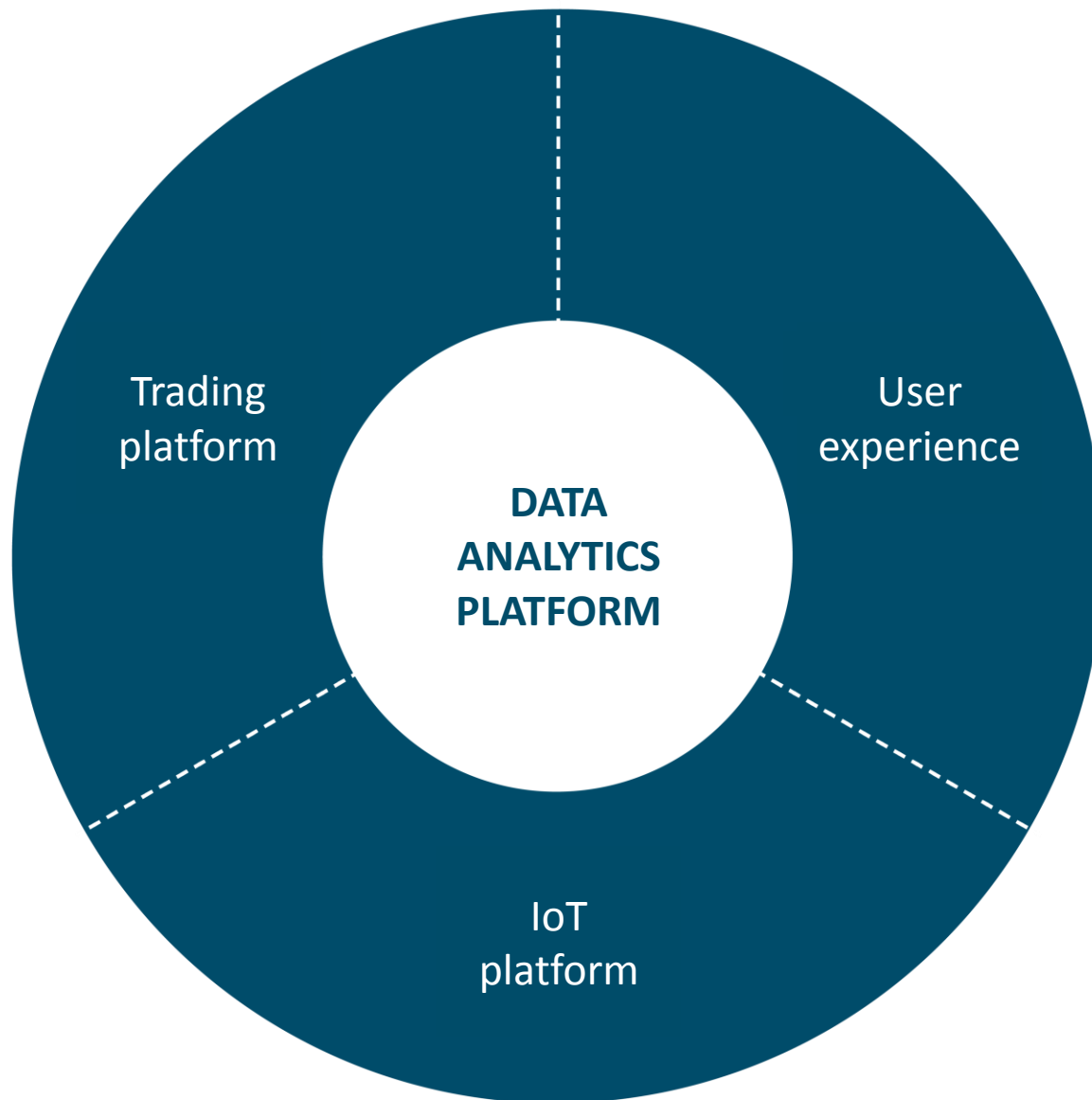
Earth group (Earthlings)

Business

GREEN

DIGITAL







Investing heavily in renewables and storage

Activating private capital and pension funds

Digitising electric power supply chain

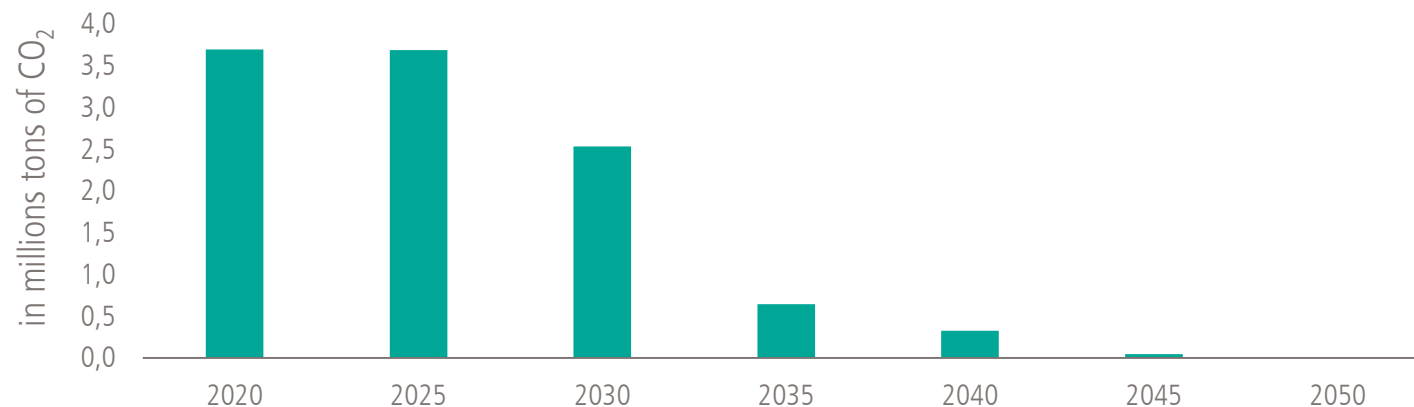
Connecting energy devices, consumers and markets

Stakeholders

Green Consortium – accelerating green transformation of the Slovenian energy sector

Decarbonisation of the Slovenian electricity sector

CO₂ emissions in the Slovenian electricity sector



year	2020	2025	2030	2035	2040	2045	2050
CO ₂ emissions [milion tonnes]	3.7	3.7	2.5	0.6	0.3	0.0	0.0
Proportion of carbon-free energy [%]	66	69	78	91	97	99.66	100
CO ₂ emissions from the production of a mixture of the EDS [kg/kWh]	0.289	0.257	0.148	0.035	0.011	0.002	0.000
Reduction of CO ₂ emissions compared to the reference year 2005 [%]	43	43	61	90	95	99	100
Proportion of produced carbon-free energy in relation to consumption [%]	62	66	76	82	110	99	100

Business opportunity

By 2030

EUR 1 bn

invested in projects that will accelerate and enable the decarbonisation of Slovenia

1,000 MW

solar power plants of all sizes

1300

employees

Transformation from a trading company to an

integrated energy company



The future is green.
Let's create it together.