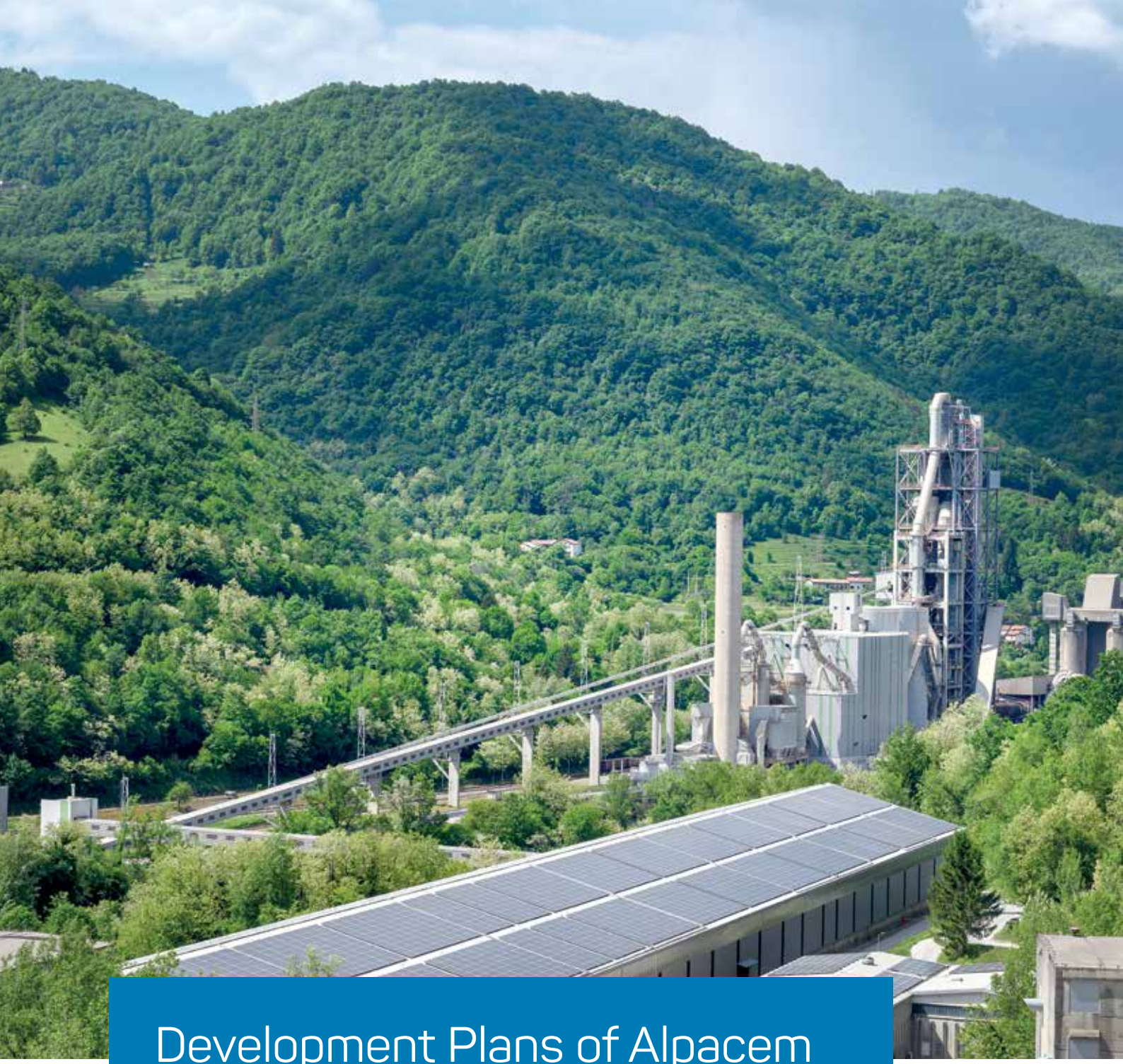

Development Plans of Alpacem **on the Path to Carbon Neutrality**

- → WHAT WE AIM TO ACHIEVE WITH THE PLANS
- → HOW WE WILL REDUCE EMISSIONS
- → INVESTING IN KNOWLEDGE

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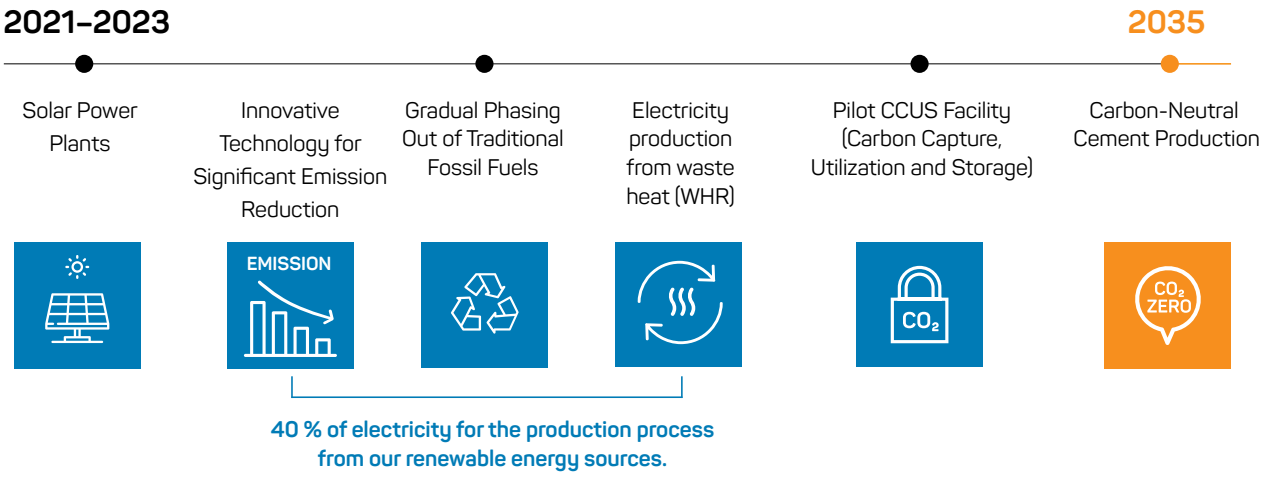
What we aim to achieve **with the plans?**

1. **Decarbonize cement production** and thereby contribute to mitigating climate change
2. Increase production capacities **while simultaneously reducing significant environmental impacts**
3. **Reduce emissions in absolute terms** by introducing innovative next-generation technology
4. **Implement green energy sources and gradually phase out fossil fuels** in line with the European Green Deal

THE PATH TO CARBON-NEUTRAL CEMENT PRODUCTION WITH MINIMAL ENVIRONMENTAL IMPACT



40 % of electricity for the production process from our renewable energy sources.

We invest not only in technology **but also in knowledge**

- We enable professional development for our employees and provide continuous education.
- We create new high-quality jobs with high added value.
- We are building a knowledge hub in the field of high-quality sustainable construction materials.
- We facilitate effective knowledge transfer between generations.
- We promote the education of young people in the municipality through scholarship and apprenticeship programs.

By promoting the green transition and developing new knowledge, we bring prosperity and development to the local community. We aim to implement all changes in a manner that is environmentally friendly and acceptable to residents.

At Alpacem, we regularly measure our environmental impact.* To ensure that environmental information is as accessible as possible, we prepared, in collaboration with Slovenian and international expert institutions, a comprehensive report on the environmental impacts of planned updates.

* https://www.salonit.si/trajnostni-razvoj/ekologija/trajne-meritve-emisij/

Connecting knowledge and different generations


Alpacem


SILOS
91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The decarbonization of cement production is **direct contribution to mitigating climate change**

Every second building in Slovenia is constructed with cements from Alpacem.

Concrete is the most widely used construction material in the world, which is also why the cement industry globally contributes 7 to 8 % of CO_2 emissions. This makes our responsibility to decarbonize cement production even greater.

Trends in accelerated urbanization indicate that by the year 2100, 85 % of the world's population will live in cities. This will also lead to an increased use of concrete, which will continue to maintain its dominance as the leading construction material.

How We Will
Reduce CO_2 Emissions at Alpacem?

The experts at Alpacem have partnered with renowned companies in the field of green technologies from all over the world to design the first set of measures, through which we will **reduce our carbon footprint by 15 %.**

-15 %
CO_2

Through the development of high-performance cements with a low carbon footprint – by carefully selecting raw materials suitable for cement production and promoting the recycling of construction materials

By replacing traditional fossil fuels with alternative fuels, which promotes the circular economy

By investing in generation of electricity from renewable sources – installing solar power plants with a total electricity capacity of 5 to 10 MW

By further improving the energy efficiency of the production process, including the use of waste heat for electricity generation

We aim to provide 40 % of the electricity required for the production process from our own renewable energy sources – solar power plants and electricity generated from waste heat, which is estimated to amount to 50 GWh.

OUR VISION

By 2035, we aim to fully decarbonize cement production, a strategic construction material for both the present and the future.


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