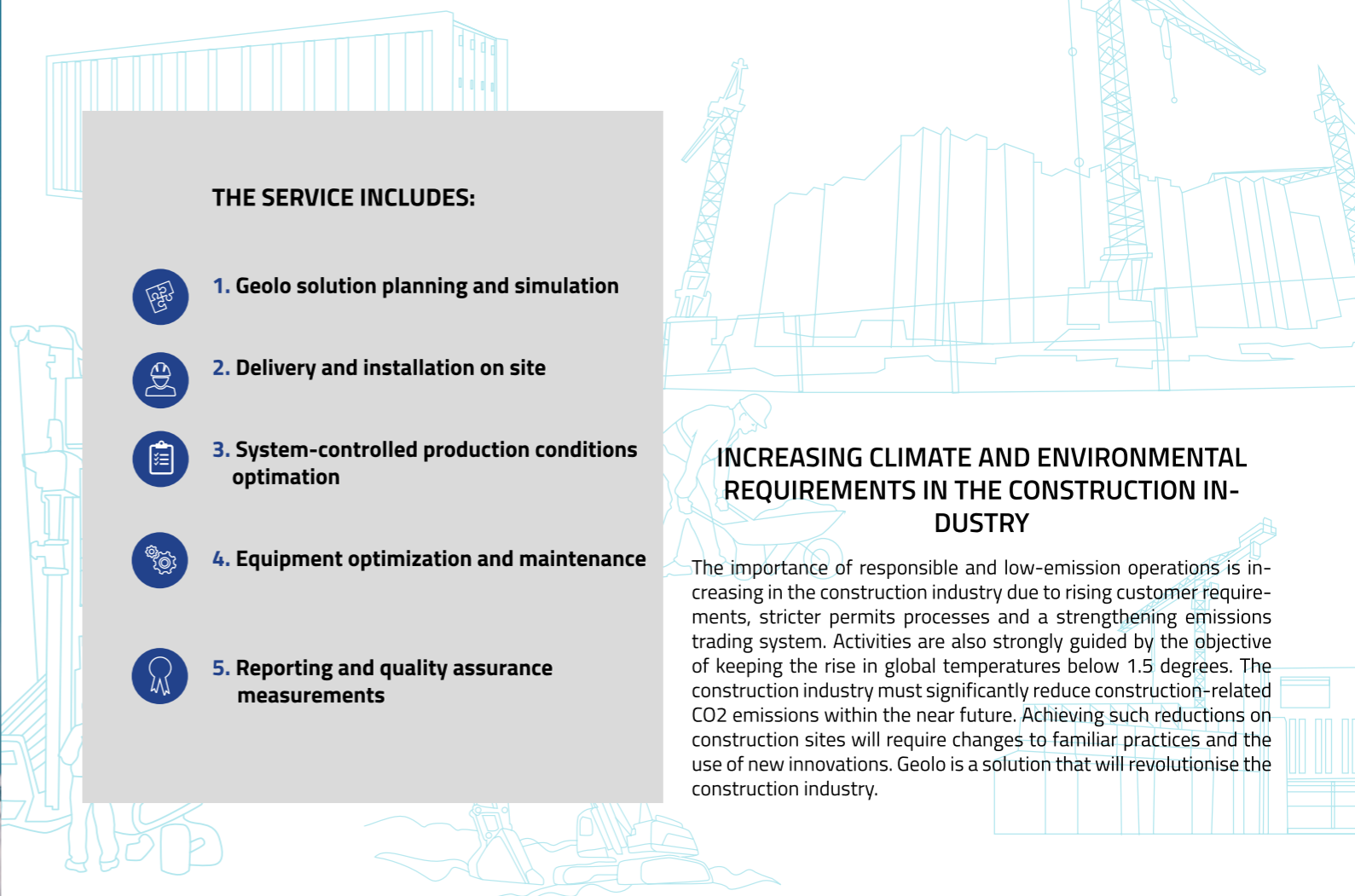


THE LONG LIFECYCLE OF PROPERTY BEGINS UNDERGROUND

Geolo is a completely new approach to minimising CO2 emissions and energy consumption and optimising production conditions during construction work. Geolo guarantees the well-being of the building and maximises its lifecycle – cost-effectively.

Together with the implementation of Raksystems Climate Solutions' optimal production conditions and our new energy management solution, we form a total solution that strongly renews the construction industry.



THE SERVICE INCLUDES:

- 1. Geolo solution planning and simulation
- 2. Delivery and installation on site
- 3. System-controlled production conditions optimization
- 4. Equipment optimization and maintenance
- 5. Reporting and quality assurance measurements

INCREASING CLIMATE AND ENVIRONMENTAL REQUIREMENTS IN THE CONSTRUCTION INDUSTRY

The importance of responsible and low-emission operations is increasing in the construction industry due to rising customer requirements, stricter permits processes and a strengthening emissions trading system. Activities are also strongly guided by the objective of keeping the rise in global temperatures below 1.5 degrees. The construction industry must significantly reduce construction-related CO2 emissions within the near future. Achieving such reductions on construction sites will require changes to familiar practices and the use of new innovations. Geolo is a solution that will revolutionise the construction industry.

GEOLO – PROVIDING CLEANER CONSTRUCTION AND HEALTHY PROPERTIES

GEOLO – HOW DOES IT WORK?

Raksystems Climate Solutions' Geolo combines a carbon-neutral and renewable geoenery energy solution for the construction phase with a production condition control and management system that is operated by our trained experts. The solution also enables summertime cooling processes that provide ideal working conditions and drying of building structures.

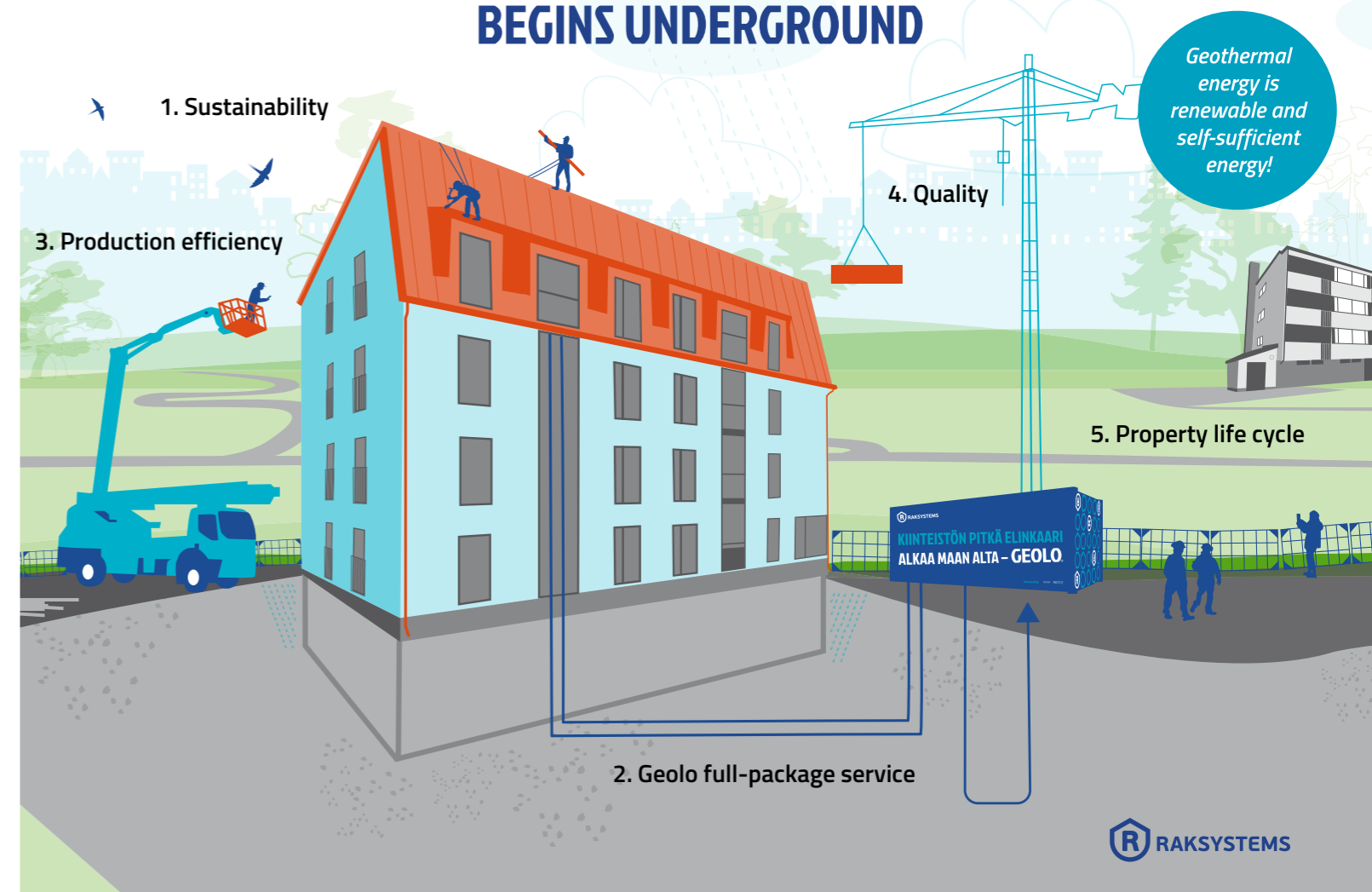
At its best, Geolo can enable year-round zero-emission, optimal production conditions for the whole construction phase, which in turn supports the production of healthy and long-lasting properties. We have a comprehensive understanding of construction projects and know the requirements for achieving optimal results.

It is also possible to implement the condition management solution as a separate service where geoenery heat is not an available energy source, such as at sites that use district heating.

CONSTRUCTION DONE IN THE RIGHT CONDITIONS

- Saves energy and costs as well as reduces construction-related CO2 emissions
- Supports the process for obtaining environmental certification
- Helps to keep construction on schedule
- Helps maintain high quality
- Increases the predictability of the construction process and thus enables increased productivity
- Boosts the precision of the construction project schedule, thus facilitating timely transitions between different work phases
- Reduces notices of defect and warranty repairs
- Secures the structural conditions for good indoor air
- Ensures safe and healthy premises for the end user

GEOLO – THE LONG LIFE CYCLE OF A PROPERTY BEGINS UNDERGROUND





This solution can simultaneously provide significant cost savings, but above all it brings very significant reductions in carbon dioxide emissions, and can even achieve complete carbon-neutrality. Ultimately, we have to tackle the root causes in order to impact the final result, and this we have achieved by applying strong expertise to the design process and fully utilising the new Geolo solution.

Janne Vanhanen,
CEO of Raksystems Climate Solutions Oy



WE OPERATE AND DEVELOP OUR SOLUTIONS TOGETHER WITH LEADING COMPANIES IN THE FIELD



KONSULTTITOIMISTO ENERSYS OY Enersys Consulting Oy is a consultancy and design agency that provides services for renewable energy forms that cover the whole lifecycle. Our heat pump systems are based on top-level expertise in different areas of building technology, including refrigeration technology.



EL-BJÖRN produces and designs temporary and permanent electrical, lighting, heating and drying room products for the construction industry and for industrial maintenance.



ROTOTEC is Europe's largest provider of geoenery solutions and an innovative reformer within the construction sector. Rototec's comprehensive concept covers the entire process, from energy system consulting and design through to actual installation.

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CONTACT US ALREADY TODAY!



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* Calls to numbers starting with 030 cost 8.35 cents per call + 8.83 cents per minute (VAT 24%).