

R8 tech

Your invisible power



99 words:

Growth of Artificial Intelligence in Real Estate supporting global ESG goals



Artificial Intelligence from R8 Digital Operator's view in 2021: 6,5 million setpoint changes in clients' buildings' BMSs completed for a better indoor climate, hundreds of thousands of euros saved on energy consumption and operational efficiency. And - thousands of tons of CO2 emission reduced.

Besides a growing trust to R8tech from local (W.O.W. from Portugal, Falkensteiner Hotels from Austria etc) and regional RE companies (Linstow from Norway, EfTEN from Estonia etc), global players like CBRE, Radisson Blu have got a strong experience with R8 Digital Operator. This gives a good base to achieve global ESG goals supported by AI.

Impressive energy savings with R8 Digital Operator

R8 Digital Operator is the 1st digital and the most efficient member of your RE technical team. It brings you the most comfortable indoor climate with minimum energy consumption. How much money can be saved on regular energy costs?

R8tech prepared a short overview about the TOP energy savings with R8 Digital Operator. This is the power of artificial intelligence – really impressive, isn't it? --->

Average number of HVAC-system setpoint changes: 7200 changes per building.

TOP Savings by R8 Digital Operator in NOVEMBER 2021

TYPE	SIZE, m ²	Total Energy Savings	Energy Savings per m ²	Electricity Savings	Heating Savings
MALL	102 400	30 896 €	0,30 €	26,4%	26,0%
MALL	42 900	14 623 €	0,34 €	16,4%	-2,4%
MALL	21 300	8 957 €	0,42 €	5,3%	47,0%
OFFICE	19 000	8 613 €	0,45 €	18,1%	33,8%
OFFICE	19 600	6 237 €	0,32 €	19,6%	21,5%

client case:

Estonian State RE Company

- ◆ Location: all over Estonia
- ◆ Type: public



1. Estonian State RE was founded in 2001 to increase the efficiency and quality of Estonian state owned RE management.
2. R8tech won the public tender pilot in 2019. During the 4 month pilot over 30% of energy costs were saved while increasing the measured indoor climate comfort from 60% to 90% level.
3. The final report included the technology validation is available right here, click to open it!
4. At the end of 2021 R8tech were announced as the 3Y public tender winner for 8 public buildings' energy efficiency&indoor comfort by Estonian State RE.
5. The first talent from Estonian State RE decided to continue his career in R8tech already. More to come..

5 interesting facts:



R8tech team

By the end of 2021 we had reached a strong team of over 40 people incl all the area managers and advisory all over the Europe. 30% of the HQ team members have technical PhD!
Our goal for 2022: to double the HQ team. Also - in December 2021 R8tech moved to a new 2x bigger office in Ülemiste City, the technology hub in Tallinn.

meanwhile in media:



Whether we like it or not, ESG (environmental, social and governance) takes a bigger and bigger role in our personal and business lives.

Thus there are 2 options in the long run: to adapt or... find out more from the R8tech's **Imre-Gustav Vellamaa** article published at the Finnish RE News.

[Click here to read the story >](#)

Revolutionary growth in computational power and computer science in the last few decades gave rise to artificial intelligence (AI) based solutions.

Dr. **Ahmet Köse** from R8tech explains how operators of commercial buildings can communicate with AI in the article published at Across Magazine in Austria.

[Click here to read the story >](#)

How can artificial intelligence (AI) support COP26 goals? R8tech's UK Area Manager **Trevor Miles** has a clear understanding – [have a good read!](#) >

R8tech awards:

The 18th Tallinn Entrepreneurship Day, called "Waves of Change", held an award ceremony past autumn.

R8tech was once again proud and happy to be the center of the attention in Tallinn City Office as we were awarded the Tallinn City Future Technology Award 2021.

[Click here to read the story >](#)



R8 Technologies
Lõotsa 8a, Tallinn
Estonia

r8tech.io

info@r8tech.io