



Max Sieghold

Co-founder & CFO Sleepiz AG

Main product: Sleepiz

Aim: To enable the diagnosis of sleep disorders at the patient's home without cables



 sleepiz.com

 [Sleepiz AG](#)

Making sleep disorders diagnosis possible from home

The project

The idea

Diagnosing sleep disorders today requires a patient to spend the night at a hospital while attached to lots of cables and being monitored by a technician. Using very high frequency technology and artificial intelligence to interpret sleep patterns, we developed a unique solution that enables the patient's sleep to be monitored wirelessly at home.

“Sleepiz wants to enable healthier lives for European citizens and this would not be possible without the EIT's support.”

Inspiration

Breathing is the only vital sign that we can actually control, and it offers lots of insights into a person's health, especially during sleep. However, long-term and accurate monitoring in a comfortable manner for the patient has been missing until now.

Unique selling points

Besides improving patient comfort, diagnosing in the most natural sleep environment offers far more reliable and long-term insights into the condition. Also, this process reduces the workload of physicians as they focus on the analysis of the data. Finally, as everything happens at home, there is no need for hospital beds to screen people, thereby drastically reducing waiting lists.


Societal impact

Sleep apnea is a sleep disorder in which breathing repeatedly stops and starts again. More than one billion people suffer from it worldwide and only 20 per cent are diagnosed. Untreated sleep apnea can lead to heart failure, diabetes, strokes, depression, and more. This represents an estimated annual economic burden of EUR 335 billion in the EU alone.

Supported by:



 **Start year:**
2018

 **Generated funding:**
EUR 1 800 000

 **Challenge:**
Sleep disorders diagnosis

Venture Development

Sleepiz is in its first stages of fundraising and has already developed its industrial version of the product. The next step is to conduct clinical trials to launch a first certified device on the market in the beginning of 2020.

EIT Community support

The EIT provided Sleepiz with visibility among the medical community. It strengthened our network and facilitated the fundraising process.

The nominee

The beginning

Enabling better and healthier lives through technological innovation has always inspired me!

Rewarding moments

Every time I see our amazingly dedicated team working together towards this common goal, I genuinely feel thankful.

