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

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.

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.

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.

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.

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