



Photo: Carola Gietzen

CONSTANTIN DIESCH AND LUKAS KÜHNBACH

SUCCESSSTORY
NO.10

equil.

“Protect your neck!” is the mission statement that fueled the team from equil so far. Considering the social and economic development, it comes apparent that we are in the middle of an ergonomic downward spiral. We’re permanently looking at our smartphone, sit tensely in front of the computer screen or stare at the TV. But the consciousness as well as the willingness to live an ergonomically correct life seem to be quite low. Constantin Diesch, a qualified physiotherapist can confirm that the treatment methods for shoulder and neck pain aren’t enough to get rid of the issues long-term wise. The low body awareness as well as the resentment of doing the prescribed exercises are problematic.

The medical technology studies lead Constantin to a solution for this problem: sensors and systems that allow to measure movements and posture. Additionally,



Behind innovative inventions, their implementation and the companies that create them, there are always people with a passion for progress and development, who make these things their life-goals. They have the urge to turn ideas into reality, to improve on existing conditions, in the world in general and in their own lives.

an intelligent algorithm, developed by Lukas Kühnbach, communicates with a mobile app to give the user information about his posture and gives him advice for improvement.

Equil's vision is to bring back an ergonomical lifestyle not only but especially for monitor-based workplaces. To achieve this goal, we concentrate our know-how and innovative technology to develop a product suitable for daily use and with the best user experience in the market of smart clothes.

This product is a sensor system for clothes. It can recognize non-ergonomical shoulder postures at the desk office. In combination with the mobile app, it offers a complete program for neck issues. The exercises suggested by the app are created by physiotherapists and tailored to the conditions of office work. That way we enable the user to train his body awareness during the workday and due to the reminders via app, the user is more likely to do his exercises more regular.

We aim to become market leader in the sector of smart clothes as well as to enter the medicine market to maximize the efficiency of therapy and health exercises. Currently we are supported by the federal government but at the same time, we are looking for a follow-up financing. We already have pilot customers that help us to develop the product more customer-oriented and we started the first small-scale production.

The background of our team and the updraft that we already experienced with our product is what keeps us going. Even though we already had some difficulties, we managed to get up again and move forward. Also, we see a great opportunity in the market, which is currently changing for good. So we want to contribute in keeping the "health trend" alive with developing a product palette of smart clothes to revolutionize the daily life. Instead of building walls, we want to build windmills in the eye of the updraft.

www.equil.de

These people put their knowledge, passion, money and time into projects which then, ideally, meet with success. Concrete examples of success such as these are the best motivation!

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