

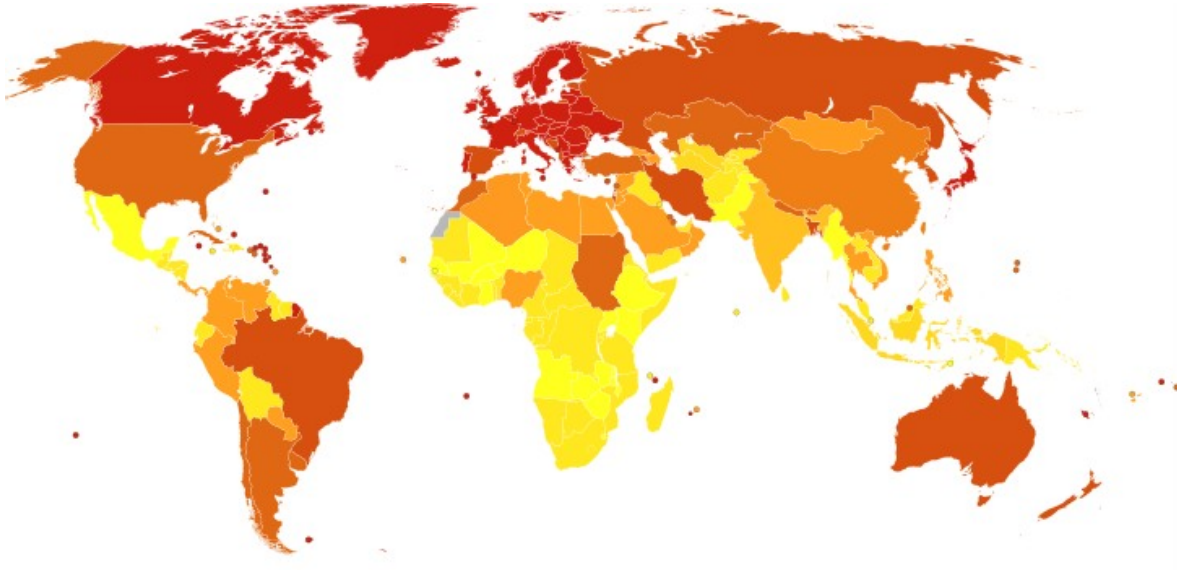
DISRUPTIVE ERGONOMIC CHAIR



The best posture is the next posture!

Dr. Peter HANTZ
Fibervar LLC., Klausenburg
Eötvös University, Budapest

IN A NUTSHELL



World Back Pain Map

>40% office workers in EU / USA

Inappropriate sitting: health issues

The solution

- **Alter sitting posture @ every 20 minutes!**
- **Active sitting!**

Present attempts

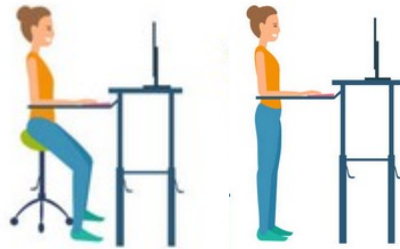
EU:

>95% nothing

<5% changing chairs/active table

SCIENTIFIC RECOMMENDATIONS

What work safety recommends



BUT...
... better tilted!
... better saddle!

ERGOVI: All recommended sitting postures implemented!

VALUE PROPOSITION

**6 postures by a single chair
Alter in seconds!**

- normal sitting
- w measures against bad postures
- sitting is saddle
 - half-kneeling
 - sitting in straddle
 - “turkish” sitting
 - standing

DETAILED PLANS: proprietary



The best posture is the next posture!

COMPARISON

Competition

Single or double postures implemented only

Several: in patent descriptions



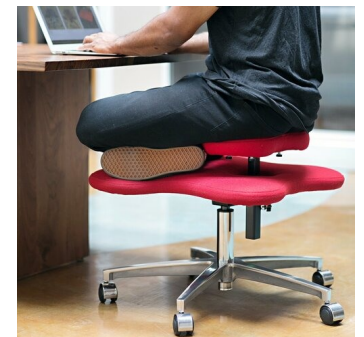
Bewustwording van zitgedrag

- Visuele en tactiele feedback
- Signaal bij langdurig slecht zitgedrag
- Bijsturing op basis van echte data

Axia timer



ERGOVI: Patenting in progress
tech details proprietary



COMPARISON

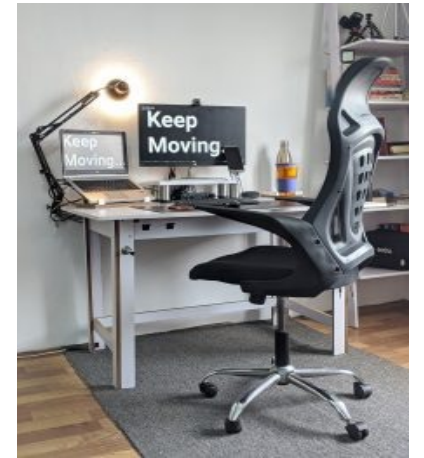
Huge, competitive market of “ergonomic”, but only designed chairs

& evtl. very expensive...



TJLSS Ergonomic Waist Computer
Chair Home Game Lift Study Offic...

\$24,638⁵⁸



CORE TEAM

Core Team:

- **Dr. Péter HANTZ, Biophysicist, Fibervar Llc. and ELTE TTK**
- **Ede BÁLINT, CEO, Antares Llc.**
- **Dr. Octavian SIMION, UAD Cluj**

...and academic/business advisors

GRANTS AND AWARDS

Startup grant



COSME-WORTH grant



ACTION PLAN - VISION

- 2019: WORTH grant
- 2020: first versions built
- 2021: improvements & patent draft
- 2022: detailed technical plan

Short-term Plans:

- improved prototypes (late 2026)
- user experience and medical validation (end of 2026)
- 3 improved, designed prototypes (early 2027)
- 2 patents EU, USA, CN, CH, IN, JP, ... (2027)
- upscale (2027-28)

Thank you for your attention!

www.ergovi.com

www.fibervar.com

www.antares.ro

https://www.uad.ro/professori/design/octavian_simion/