

*Pilipili productdesign & engineering nv was founded in 1996 by Steven Dehollander and Adriaan Debruyne, both qualified product engineers. Today the studio consists of 11 full-fledged members with different backgrounds, education experience and expertise.*

*This multidisciplinary team has over the years evolved to a valuable R&D-partner for conceptual and mechanical design of industrial products in several sectors (consumer goods, machines & tools, electronic applications, medical equipment, packaging).*

*Throughout 4 development stages a product takes shape: analysis - concept - design - engineering.*

Briefly, our core activities can be shortlisted as follows:

- Development 'from art to part'
- Consultancy in styling, materials & production technology
- Brand Design
- User-centered conceptual design
- 3d-CAD design (Siemens NX)
- Coordination & evaluation of prototyping (inhouse toolshop)
- Follow-up of test -and final production
- Developments under Production License Agreement
- Patent Research
- Brainstorm techniques

We are keen to share our knowledge and know-how and proudly present our extra assets:

- *Methodological project approach*
- *Dynamic & pragmatic quality assurance*
- *International network of partners and suppliers*

## The WeBike

What it is...

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*WeBike invites you to sit down and wheel gently.*

*No sweat. No special clothes.*

*No time to waste. WeBike at home. WeBike at work. WeBike everywhere.*

*Re-cycle. Your time. Your health.*

*30 minutes WeBike a day, keeps the doctor away.*



### Gentle exercise

A study on 'New Forms of Physical and Psychosocial Health Risks at Work' for the European Parliament indicates physical inactivity as an emerging risk for workers.

Member states are now taking measures to tackle physical inactivity. Flanders issued in 2009 a decree recommending exercising 30 minutes a day.

WeBike invites sedentary employees to get up and exercise together with colleagues, friends, family in a most easy way.

### Productivity

It is common knowledge that after physical exercising, the work performance is consistently higher. One manages better her/his time and improves his/her mental sharpness.

The same is true for work performance during simultaneous or instant physical activity. Unconsciously, when making a phone call which needs all of one's concentration, one tends to start walking around while speaking.

TNO (the Netherlands) recently studied the effect of gentle cycling (at a speed of 30% of one's maximum) on work performance. The study proves that while the speed of typing was approximately the same as in the 'sitting-still' mode, the speed of reading was enhanced by at least 30%

### Smart energy

Well-being is all about physical and mental health. WeBike helps you achieving this in a smart way.

WeBike converts human power into useful electrical energy. WeBike communicates autonomously and provides information on your performance.

WeBike displays instantly the degree of physical activity you are performing. The more power you deliver, the more leds will light up in the led strip.

When WeBike performs enough energy to charge the device initially plugged in, the bottom led strip will light up, indicating WeBike charges the device based on your human power.





*Building WeBike we carefully looked at the sustainability of every of the components that we used.*

*We fully subscribe to the 3P-concept of sustainability: People, Planet & Profit.*

*Flanders, with its rich biking tradition, delivers the best skills. Concept, design and manufacturing is therefore "made in Flanders".*

*For the manufacturing of the Webike, we closely work together with social enterprises, caring about the weaker of society.*

*Eventually, Webike takes care of the health of its user due to its easy exercise.*

*For the materials we worked with the ovam ecological guidelines.*

*We chose to use PEFC labeled W.R. Cedar, moreover, we re-use those battens which are not suited for architectural cladding because of their knots, imperfections or production faults*

*The saddle is made out of leather waste from the upholstery industry, not minding small skin defects like scar tissue, insect bites, etc...*

*The basic construction is made out of aluminium, to reduce transport weight and to enhance the product's recyclability.*



**The WeBike**

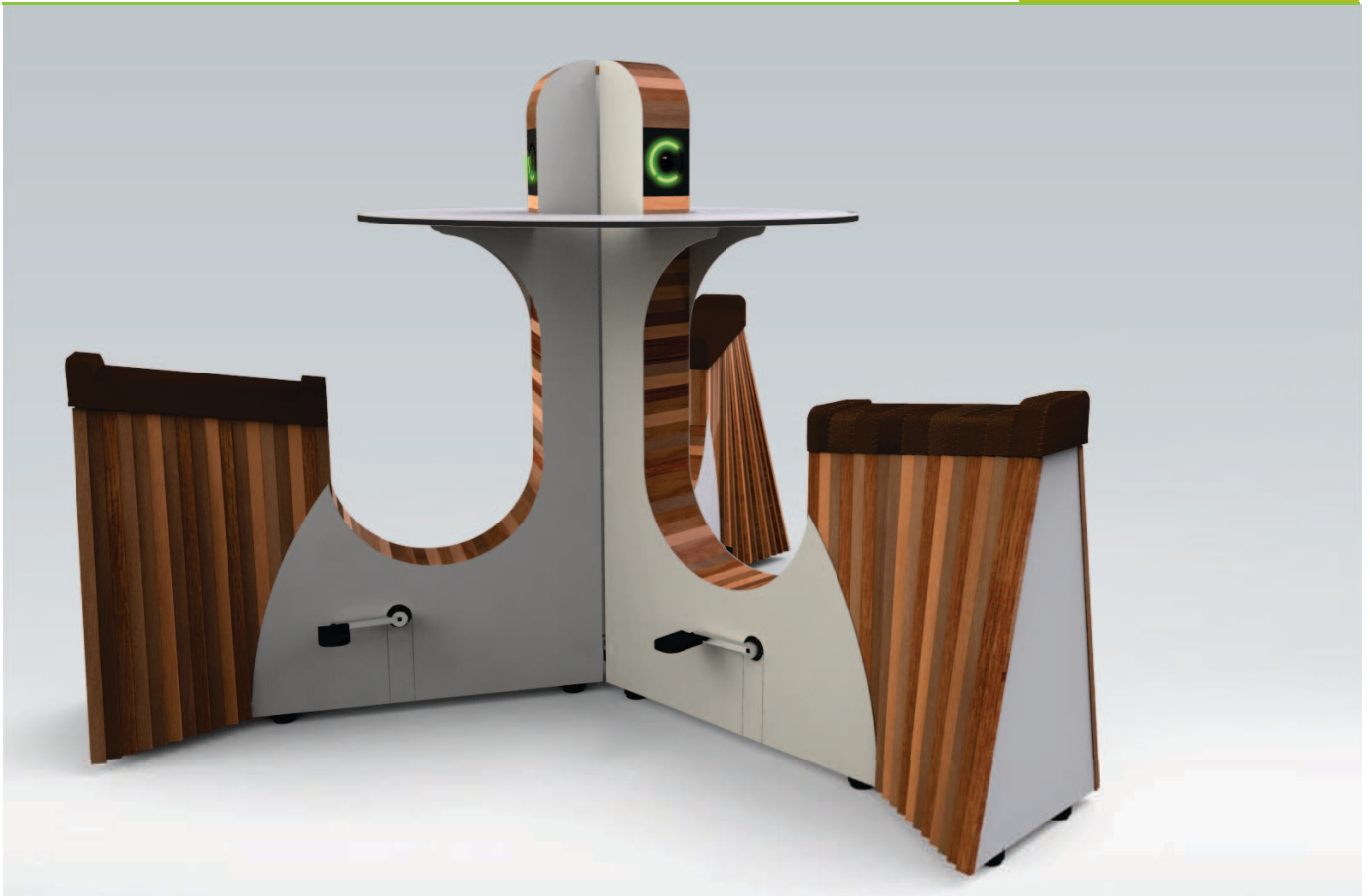
:PPP - sustainable & thought about...

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**The WeBike**  
without words...

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*How it all got started...*



**WeBike**

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