

igus

igus®:bike  
design by mtrl.

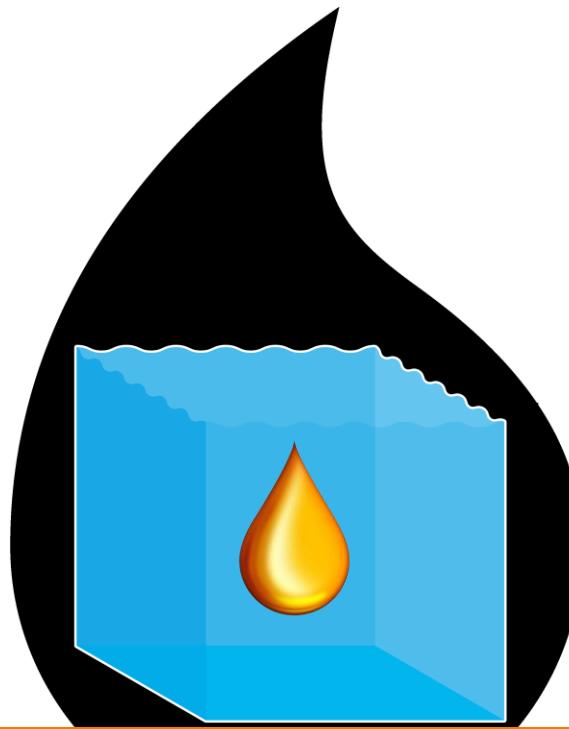
# motion plastics®

Improve what moves, CO<sub>2</sub> neutral and Zero Plastic waste, and be the easiest company to deal with

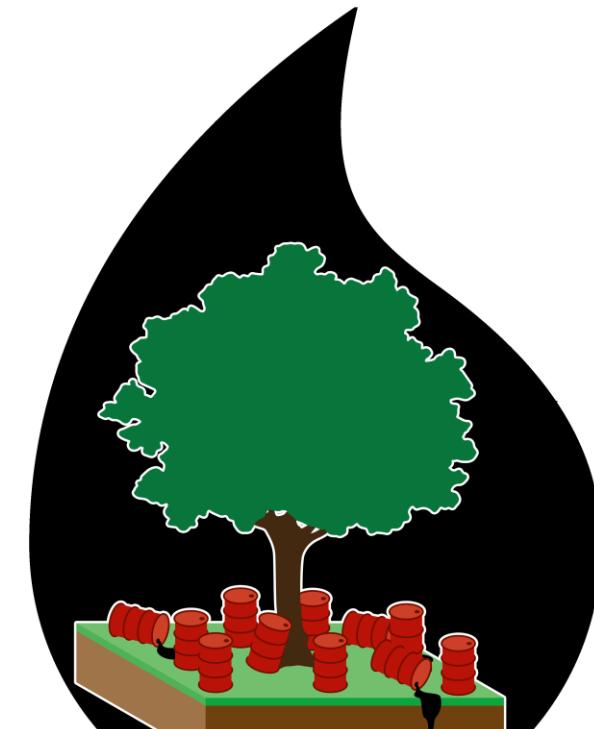
igus®



„50% of all lubricants sold worldwide end up in the environment.“  
(M. P. Schneider, 2006)

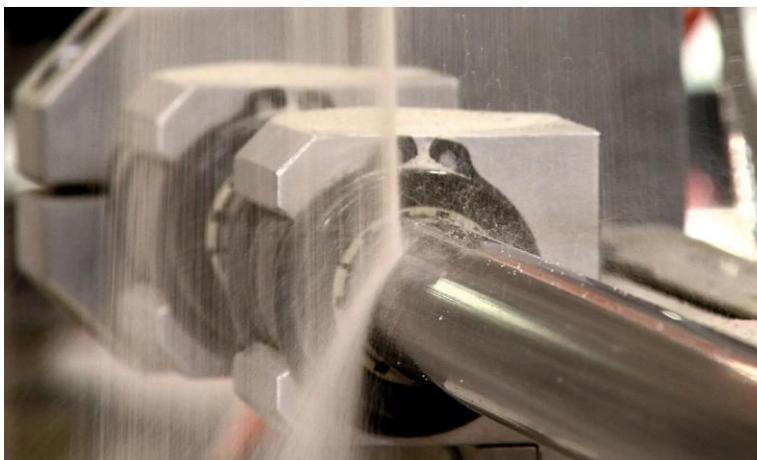


„1 litre of oil contaminates 1 mio. litres of drinking water“  
(Saskatchewan Association for Resource Recovery Corp., 2008)



„27 mio. litres of grease pollute the environment annually.“  
(M. P. Schneider, 2006)

**3.800m<sup>2</sup>, 16.000 tests annually, 450 test benches, 135 trillion test movements!**



# CO<sub>2</sub> neutral...



Recyclability:

## chainge Recycling Programme



## HydroPRS recycling



# Zero Plastic Waste

## Product development



New: iglidur® ECO plain bearings product range ...  
Sustainable through reuse of raw materials



New: Recycled adapter drylin® TJUMP ...  
Linear housings made of 100% recycled igus® polymer P4 and liners made of iglidur® J4 with high recycling material content.



igus® 3D printing ...  
Wear-resistant parts for all applications with 0% scrap ...  
in the 3D printing service or to print yourself



Study: cradle-chain E2.1 ...  
the first e-chain® made from 100% re-granulate ...  
Based on the igus® chainge program, all tested in the igus® laboratory



## Recycling made easy

Make a contribution towards the reduction of plastic waste and the improvement of recycling in industry

[Recycle now](#)[Contact](#)

### Our mission **Chainge**

As a plastics processing and manufacturing company, we are very concerned about making our contribution to sustainable, resource-conserving use of plastic. We focus on technical plastics because that is exactly what our business is. There has long been a growing awareness that we can and must reduce plastic consumption and use in our everyday lives. More and more alternatives are being created. But what about technical plastics? How can they be recycled?



#### Recycling

Anyone can recycle and we can help



#### Sustainability

Using plastics sustainably



Do you have a question?

[Contact](#)

# mtrl (former DutchFiets)

In the Netherlands, two brothers explore the possibilities of plastics used for bike components.



2014 : The Idea



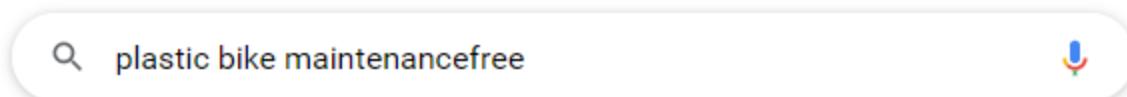
2016 : Crowdfunding



2018 : Scaling up



**5 years before...**  
**...the vision of the igus:bike® on the beach...**





## The first year Summer 2020 to Summer 2021



Improve what moves with motion plastics®

igus

...from „ocean plastics“



...or river plastics...



**...to motion plastics®**





**igus®**



**mtrl.bike**



**healix®**



rim brake      freewheel      planetary gear      pulley      bottom bracket      crank



igus



igus



igus



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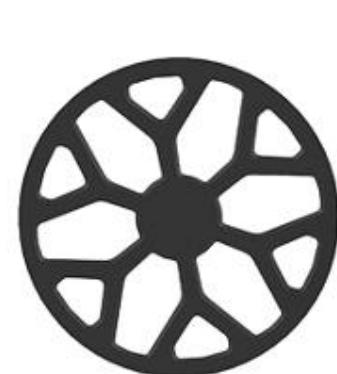


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Frame, fork & wheels



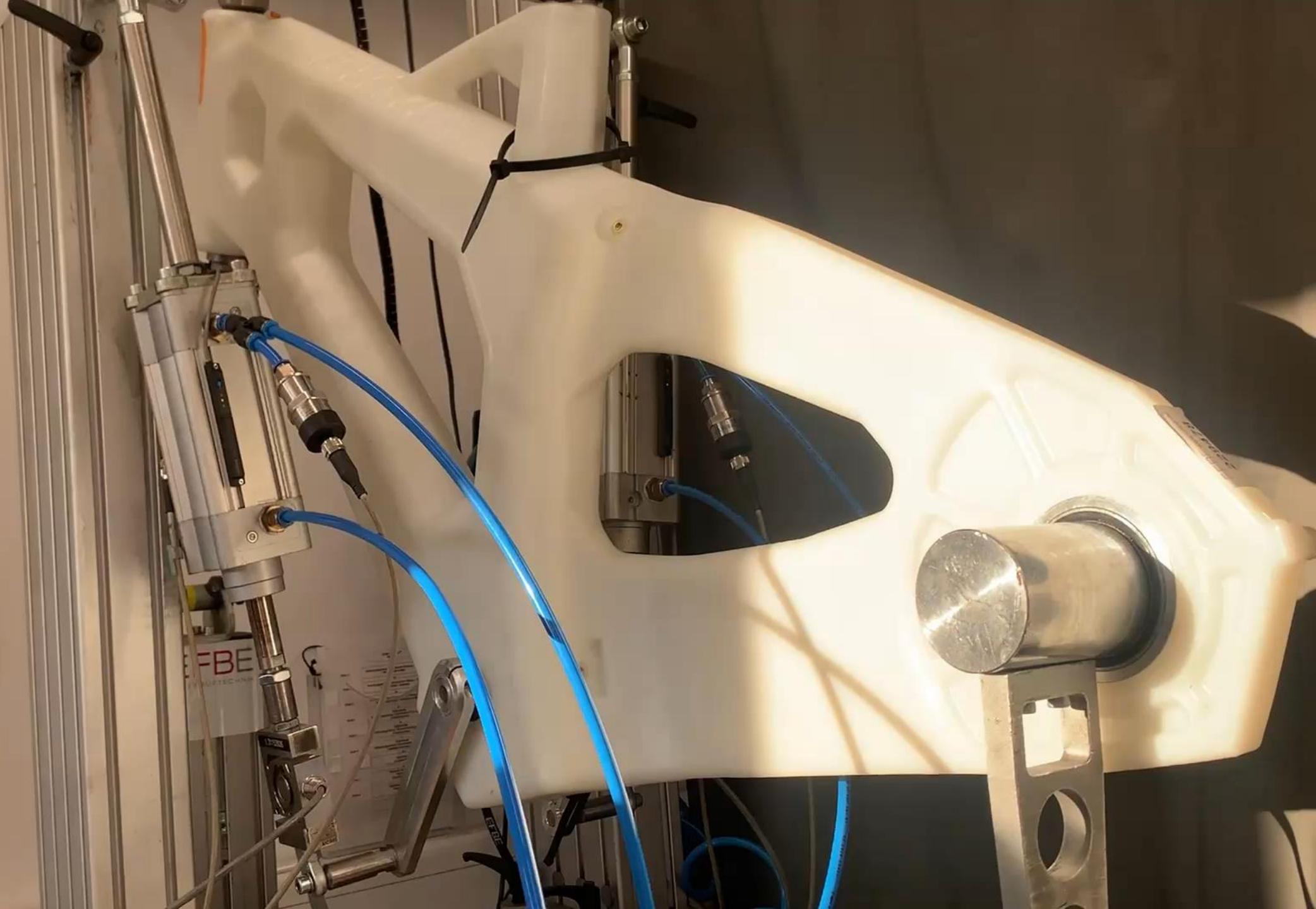
**mtrl.bike**

belt



CARBON DRIVE™

?



**igus:bike® - the brand**

**igus®**  
plastics for longer life



# EUROBIKE

**PRODUCT LAUNCH!**  
**21.-25. June 2023**



