

Project Circleg at the Cybathlon Global Edition 2020

PROJECT
CIRCLEG

The CYBATHLON 2020 Global Edition is an international competition for assistive systems in which developers from all over the world take part to present their latest technologies. On November the 13th and 14th, 2020, more than 50 teams from all over the world will compete against each other in the online broadcast event.

Project Circleg is an official Cybathlon 2020 Global Edition participant and will compete together with its pilots Andre Frei and Beat Schwarzenbach and the newly developed prototype prosthesis **CIRCLEG ZERO**. The spin-off of the Zurich University of the Arts is developing the Circleg prosthetic system, which is tailored to the needs and circumstances of amputees in the global south, with an interdisciplinary team of six people and in collaboration with partners from industry and research in Switzerland and East Africa. **CIRCLEG ZERO** is the official Cybathlon prototype and a milestone in the product development of Project Circleg.

With the vision of „**self-determined mobility for everyone**“ Project Circleg addresses the global challenge of the majority of amputees not being able to afford expensive high-end prosthetics. With a holistic approach, Project Circleg is developing a purely mechanical prosthetic system in collaboration with amputees from Switzerland and East Africa. Through the clever use of design and engineering and by applying the principles of the circular economy the Circlegs can be manufactured cost-effectively in East Africa. By using locally available recycled plastics for the production of the Circlegs, not only a high-quality and lightweight lower-limb prosthesis can be created, it also enables the establishment of a local value chain.

The milestone **CIRCLEG ZERO** could be reached thanks to the great support of the Fondation ProVictimis, the Ikea Stiftung Schweiz, the Gebert Rüt Foundation, ProHelvetia and the Lotteriefond St.Gallen. In the coming years, the team of Project Circleg will focus on the development of the Circleg-HUB in East Africa, which marks the starting point for a global impact.

The Cybathlon 2020 Global Edition will be broadcast on [cybathlon.com](https://www.cybathlon.com) with live commentary and background information on the teams. The prosthetic leg race with the participation of Team Circleg will be shown on **Saturday, 14 November 2020 from 2 pm**.

More information on
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