

## PRESS RELEASE

# Energyminer sets a new standard for sustainable energy generation with the pilot plant at the Kunstmühle in Munich

**Munich, April 19, 2023:** The startup Energyminer has recently inaugurated a pioneering pilot plant in the Auer Mühlbach, Munich, marking the advent of a new era in sustainable energy generation. The Energyfish, an innovative micro-hydropower plant, generates clean electricity continuously, holding the potential to energize entire communities and neighbourhoods. With its high flood resistance and near-invisibility, the system emerges as an ideal renewable energy source. By doing so, Energyminer makes a substantial contribution to the ongoing energy transition.



*Figure 1: The pilot plant in the Auer Mühlbach in Munich. © Energyminer GmbH*

Energyminer's innovative solution slashes facility investment costs by approximately 88% in comparison to other similar kinetic hydropower plants. Moreover, the patented technology boosts energy yield. These facilities can be swiftly and easily approved within a few months and installed within hours. Consequently, this presents communities and municipalities with a cost-neutral and environmentally friendly opportunity to achieve the objectives of the energy transition seamlessly and promptly.



*Figure 2: The Energyfish can be installed and commissioned within a few hours.*  
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Energyminer's pilot plant is located in the Auer Mühlbach at Kraemer'sche Kunstmühle in Munich. It consists of an Energyfish, which is almost entirely submerged underwater and designed not to pose any danger to fish. The system operates silently and generates electricity under all weather conditions, making it a reliable and sustainable energy source.

The Energyfish is an innovative micro-hydropower plant that harnesses hydrokinetic energy to generate electricity. It operates by utilizing the flow velocity of rivers to power a rotor, eliminating the need for river damming or alteration. This design preserves the integrity of the river ecosystem and keeps the landscape unaffected.

Operating in schools of up to 100 units, the Energyfish can provide electricity to approximately 470 households. As a green energy power plant, the Energyfish school offers several advantages. It is a small, modular system that can be installed in rivers without requiring concrete structures or dams, ensuring the natural flow of the river. It harmoniously coexists with nature and is highly environmentally friendly. Unlike solar PV and wind power installations, the Energyfish generates electricity in all weather conditions and can provide baseload power. Additionally, it boasts advantages in terms of maintenance and operation, requiring minimal upkeep and designed for optimal availability. This makes the Energyfish school a cost-effective and efficient solution compared to other renewable energy sources currently under discussion.

With its potential to revolutionize energy generation, the Energyfish plays a crucial role in the energy transition as an innovative and highly sustainable energy source. Energyminer's core team, consisting of founders Georg Walder, Richard Eckl and Chantel Niebuhr possesses the necessary expertise to harness the potential of kinetic hydropower on a large scale.



*Figure 3: The core team of Energyminer: Richard Eckl, Chantel Niebuhr, and Georg Walder (left to right) © Energyminer GmbH | Isenhoff*

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"The Energyfish is a groundbreaking advancement in hydropower technology and a vital step towards the success of the energy transition. We take pride in creating a clean and reliable energy source that safeguards the environment and supplies energy to communities and neighborhoods," says Georg Walder, co-founder of Energyminer.

The pilot plant of Energyminer signifies a significant milestone in sustainable energy generation, serving as a testament to the company's innovation and dedication. We warmly invite you to visit the facility and discover more about the Energyfish. Please feel free to contact us to arrange an interview or obtain further information.

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