ivaldi

Shaping the future of supply chains by sending files, not parts.

Founded in 2016, Ivaldi creates a more sustainable future for supply chains by reducing the need for inventory, warehouse storage, material waste, and logistics. Through its digital spare parts library and its network of qualified print partners, Ivaldi ensures the right parts are manufactured on demand when and where needed, saving costs, time and carbon footprint while providing safe and durable parts.

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Net impact value creation in 2023 (USD) [1]
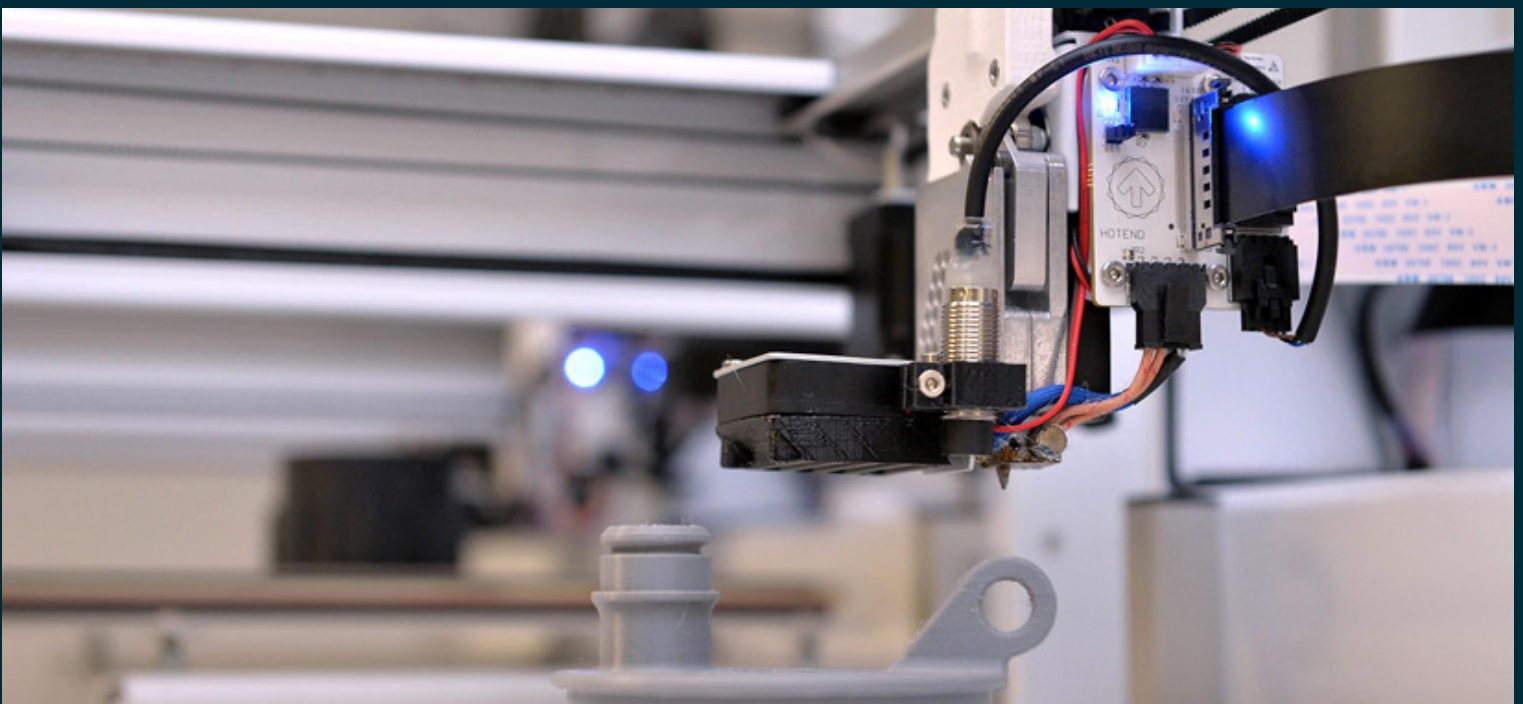
$ 0.01 M

Impact potential

5/5 – Impact-generating

The problem

Companies need quick access to spare parts for equipment maintenance, or must face a loss of efficiency, additional costs, and prematurely retired equipment. Manufacturing and shipping parts from across the globe to store them is an inefficient use of resources, contributes to waste creation and to international shipping emissions.

The change we need

Additive Manufacturing reduces the carbon and material footprint of supply chains. Ivaldi has the potential to disrupt the global spare parts market by ensuring safe and durable spare parts are manufactured when and where needed. This can prevent equipment from being retired unnecessarily.

[1.] Using data from the Upright Project and applying Norselab's custom value mapped to the SDGs. Read more about this metric on page 21. Norselab owns 30% of the company and has therefore contributed to 30% of this impact value creation.

Ivaldi's impact metrics

93,111 358,556 in 2022

93 111 apare parts analyzed using Ivaldi's technology to assess if a part can be digitized.

31 1677 in 2022

31 spare parts digitized using Ivaldi's technology, certified in the digital library.

Ivaldi's impact contribution

Industry, innovation and infrastructure

Target 9.4

Ivaldi contributes to the retrofitting of the global spare parts supply chain by enabling customers to send files instead of physical parts through the digitization of spare parts, leading to reduced emissions, and significant improvement of resource efficiency while saving costs.

Responsible consumption and production

Target 12.5

The local additive manufacturing of spare parts enabled by Ivaldi contributes to waste prevention and promotes material efficiency.