

## Pioneering subsurface mapping for safer communities

Founded by in 2001 , Kontur has developed patented radar devices that, combining an array of radar sensors simultaneously emitting radio signals on several frequencies, enable the 3D-modelling of subsurface areas down to 5 meters. Kontur is developing and manufacturing products based on Ground Penetrating Radar (GPR) technology.

[kontur.tech](https://kontur.tech)

Net impact value creation in 2023 (USD) <sup>1</sup>

**\$ 0.5 M**

Impact potential

**4/5 – Impact-aligned**

### The problem

Infrastructure can fail due to critical weaknesses that were not identified soon enough. Due to the aging of infrastructure and the increased frequency of climate events, there is a need for timely detection of such weaknesses. Inadequate maintenance creates a risk of infrastructure accidents which often result in high costs and loss of life.

### The change we need

Subsurface mapping with GPR has emerged as an indispensable practice for infrastructure maintenance, offering crucial insights into geological compositions, soil stability, and potential hazards lurking beneath the surface such as cracks or sinkholes. Using GPR, the normal lifetime of a road can be extended from 20 to an estimated 30 years.



<sup>1</sup> 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 17% of the company and has therefore contributed to 17% of this impact value creation.

## Kontur's impact metrics

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**8 sectors** Same as in 2022

Kontur's technology was deployed across 8 different sectors.

**23** NEW METRIC

23 approved patents.

## Kontur's impact contribution

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Sustainable cities and communities

Target 11.2

Kontur's technology enables safer transport infrastructure for all (roads, bridges, railways) by detecting possible threats before they cause accidents such as sinkholes, rendered more frequent by heavy rains and droughts.