

HOVERING TRAILS

ICELANDIC PRODUCTION



FEATURES AND UNIQUENESS:

- Competitive prices
- More durable and need less maintenance than other similar trails
- Hover over ground and protect untouched land
- No interfering with the ground, no machines and no drainage systems
- Forms and colours adjusted to environment
- Totally reversible process
- Easy to assemble and install
- All types of turns and inclinations possible
- Platforms, lighting and signs are included in the system
- Wheelchair Accessible and Anti-Slip protected

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ALT ≠ RNANCE
ARCHITECTURE & URBAN PLANNING

NEY
+PARTNERS



The design is protected by WIPO - the world intellectual property organization
The project received from The Technology Development Fund of Iceland three times a grant (2017, 2019 and 2020).
The grants made it possible to develop the product and let it become a reality.

ENVIRONMENTALLY FRIENDLY

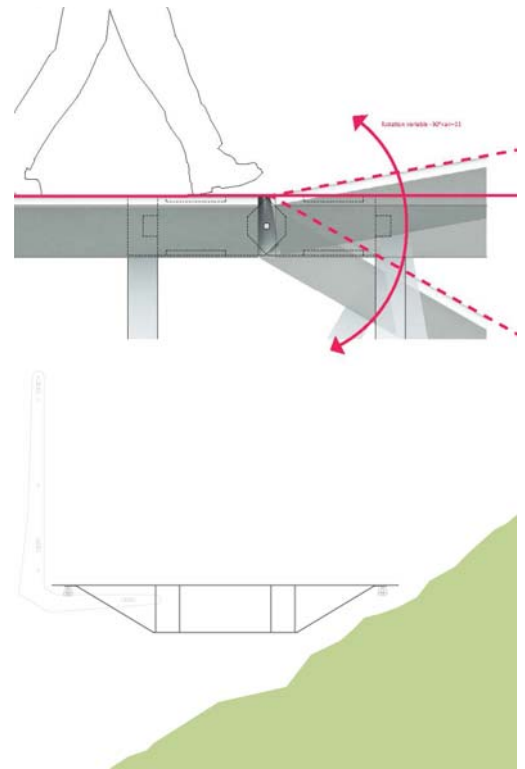
HOVERING TRAILS is a flexible and environmentally friendly footpath system which minimizes contact points with the ground, thus protecting sensitive natural gems from being squashed while facilitating access for large numbers of people.

The Hovering Trails system can be used in various places and adaptable to different situations and needs.

The uniqueness of the design lies in the possibility of installing the trails without damaging the ground. The aim is to adapt the man-made to the nature and minimize damage to nature, as well as minimize negative visual effects of the operation.

The path "rises" from the ground, preventing the land from being damaged and keeping the natural water flow untouched. Due to the V-shaped forms of the structural parts, the soil under the trail is visible and enjoys the access of light. This enables the moss and the heather to be maintained. In a nature reserve, it is important for the project to be reversible. In many places, gravel paths, asphalt and wooden paths have provided inadequate results.

Hovering trails can protect the land from encroachment in the most incredible places and return it untouched many decades later.



Longitudinal section showing axial connection and cross section showing the path in sloping terrain and handrail mounts.



MINIMIZES CONTACT WITH THE GROUND AND THUS PROTECTS SENSITIVE NATURAL PEARLS



WHEELCHAIR READY AND WITH ANTI-SLIP PROTECTION



HOVERING TRAILS ARE ESPECIALLY INTERESTING IN AN ENVIRONMENT WHERE THERE ARE LAVA FIELDS, HOT SPRINGS OR SWAPS.

IN DIFFICULT CONDITIONS

HOVERING TRAILS are particularly interesting in environments where there are lava fields, hot springs or swamps, where conditions are difficult and there is a demand for a real possibility of reversibility.

The paths in Hveradalir by Hengill are proof that they meet all the requirements of difficult conditions. As the old hiking trail disappeared under the hot springs and accidents were regular, it is now a safe and unique experience.