



Solution title TYRE+ by Solepex®

Company name Lenkki Oy

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CEO



[SustainableSolutionsMatch](https://SustainableSolutionsMatch.com)

30 % of footwear outsole material is replaced with rubber made of discarded car tyres.



Co-funded by
the European Union



SustainableSolutionsMatch



Tyres are collected and processed into a powder by Finnish Tyre Recycling Oy. Only winter tyres from Nokian Tyres Plc is qualified. Then the powder is mixed with a base material. Lenkki Oy has developed the recipe. Footwear outsoles are produced by injection molding at Lenkki Oy. Also customized models are available.



Compared to ordinary thermoplastic rubber outsole produced by Lenkki Oy

- 30 % oil based virgin raw material
- +30 % re-used rubber made of discarded tyres
- 46 % CO_2 - emissions from outsole material and its transportation (calculated by SATRA)

Material help companies to carry out

- the priority order of the EU Waste Directive
- obligation to reduce CO_2 -emission
- producer responsibility act



**Excellent abrasion resistance, flexing resistance, UV resistance also in freezing conditions.
Superior grip also on snow and asphalt with black ice.
For men's, ladies, children/ summer, winter, leisure, trekking footwear.**



Sustainable innovation award 2024

1.prize, 5 000 €

Open competition for products and services in the packaging, food and plastics industries



Innovation award 2024

500 €

Kankaanpää City

Companies and communities series



SustainableSolutionsMatch



Searching for cooperation partners

- Footwear brand owners interested in shoe manufacturing in Europe
- Footwear manufacturers using cemented outsoles
- Country/area specific agents to sell TYRE+ by Solepex® outsoles with a commission



#EENCanHelp

Book a meeting with: LENKKI Oy

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