



**Solution title** TYRE+ by Solepex®

**Company name** Lenkki Oy



**Annamaija Mäkilouko**  
**CEO**



SustainableSolutionsMatch

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



Co-funded by  
the European Union





**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 %  $\text{CO}_2$ - 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  $\text{CO}_2$ -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





## 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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