

**İÇ GİYİM VE ÇORAP KÜMESİ,
AB 2025 VİZYONU
ÇERÇEVESİNDE
'KİŞİSELLEŞTİRİLMİŞ MODA VE
FONKSİYONEL GİYİM ÜRÜNLERİ'
PROJELERİNİ DEĞERLENDİRDİ.**

Yüksek performanslı malzemeler ve yeni iş modelleri


Dairesel ekonomi ve kaynak verimliliği (bio-enerji)

Fonksiyonel giyim ürünleri (sağlık, spor kişisel, koruma)



Giyim ürünlerini engelliler, yaşlılar gibi yaşama uyumda zorluk çekenlere göre uyarlamak
(yaşlı, diyabetik, kilolu kişiler için güvenli ayakkabılar, iş giysileri, spor giysileri)

Consortium Partners:

 BASE (Italy)

 Ohmatex (Denmark)

 Desma (Germany)

 Longhi (Switzerland)

 SUPSI (Switzerland)

 P&R (Portugal)
P&R - Têxteis, S.A.

 citeve
Citeve (Portugal)

 Ropardo (Romania)

 Synesis (Italy)

 ITIA-CNR (Italy)

 MYWEAR

My Wear

Customising wearing products for lower ability active people wellness



Wearable sensors
Biodegradable materials
Personalized products & services

New highly flexible production processes to customize safety shoes, work wear and sportswear for elderly, diabetic, overweight and lower able people.

BUDGET

1.200.000 €

PROGRAMME

ERANET LEAD-ERA



**Gobierno
de Navarra**

PROJECT START/END

January 2011 / December 2013

DESCRIPTION

The Project has been developed in a framework of the international cooperation program ERANET LEAD-ERA, with the participation of Navarra and the Belgian Valonia Region. During the development of the Project, AIN and LORPENAK (Navarra), with the support of the Pharmacy and Pharmacology of the Universidad de Navarra, collaborated with the Belgian Textile Research Center CENTEXBEL and another two Belgian companies (VARODEM and BELGIAN FIBERS) in the development of new nano compound fibers that can be used to design and manufacture a new socks generation.

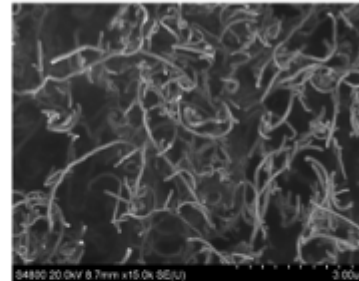
These new socks, that will be manufactured by LORPENAK, provide an active protection against wounds produced by freezing in extreme cold conditions. On the other side, for VARODEM company, this new material represent an alternative for treatment of ulcers produced in the foot of people with diabetic disease for whom it is mandatory to avoid wound.

the wound treatment. These socks will include bactericide nano particles, able to avoid the infection of the foot wounds.

ACTIVITY DEVELOPED BY AINTECH

- Compounding of the carbon nano tube – polymer by means of physical and chemical ways.
- Nano particles preparation in collaboration with the Universidad de Navarra and its scattering in the compound materials.
- Characterization of the structural, tribo – mechanical and electric materials properties.
- Master-batches production at pre – industrial scale to be used in the manufacturing of the fibers by other partners.

PHOTOS



Nanoteknoloji ile Isıtmalı ve Şifalı Çorap Geliştirme

LEADERA HE2-SOCKS Project

New Heating-Healing Socks (He2SOCKS)

