

Behind Bioinnovations

Biomaterials research through interdisciplinary collaboration

Interdisciplinair onderzoek naar biomaterialen

Hosted by: Aalto University Bioinnovation Center

Project Information (EN)

Unexpected biomaterial findings through collaboration

To solve complex sustainability challenges, we need not only new ideas and concepts, but also new interdisciplinary collaboration and actions to implement them. Often collaboration is seen as a list of names in a project description, or as a list of authors in a publication – but that is not enough. The Bioinnovation Center brings together diverse people with different expertise to enhance unexpected findings and breakthroughs in material research. The aim is to create bridges between disciplines, to inspire thinking and to grow networks. The Bioinnovation Center community wants to explore new working methods in material research, and to share the learnings with others. The Center focuses on sustainable bio-based materials, aiming to decrease the dependency of fossil-based materials and harmful chemicals. The main focus is on textiles and packaging.

Projectinformatie (NL)

Onverwachte bevindingen en doorbraken in materiaalonderzoek door samenwerking

Voor duurzame ontwikkelingen hebben we niet alleen nieuwe ideeën en concepten nodig, maar ook nieuwe interdisciplinaire samenwerking en acties om deze te implementeren. Bioinnovation Center brengt diverse mensen met verschillende expertises samen om onverwachte bevindingen en doorbraken in materiaalonderzoek te verbeteren. Het doel is om bruggen te slaan tussen disciplines, het denken te inspireren en netwerken te laten groeien. Het centrum richt zich op duurzame biomaterialen, met als doel de afhankelijkheid van fossiele materialen en schadelijke chemicaliën te verminderen. De nadruk ligt vooral op textiel en verpakkingen.

Image List

Filename	Caption	Credit
wheat-straw-tiina-otala3-chemarts2022-photo-esa-kapila-copy_1694067513.jpeg	Material experiments by Tiina Ojala	Esa Kapila / Aalto University
colors-of-lignin2023-helena-sederholm-photo-anne-kinnunen-7-copy-2_1694067702.jpeg	Colors of lignin by Helena Sederholm	Anne Kinnunen
coffee-wool-andrzej-tarasiuk-chemarts2023-photo-anne-kinnunen-9-copy_1694067750.jpeg	Coffee & wool biomaterial by Andrzej Tarasiuk	Anne Kinnunen
laureen-mahler2023-photo-anne-kinnunen-dcc2421_1694096017.jpg	Origami structures by Laureen Mahler	Anne Kinnunen
sofia-guridi-2023_1694094878.jpg	Interactive textiles by S. Guridi & M. Iannacchero	Sofia Guridi

The images above are included in the ZIP under /images.