

Datemats investigates and focuses on 4 specific macro-areas of Emerging Materials and Technologies (EM&Ts) considering the universities' fields of activities, competencies and expertise.

ADVANCED GROWING EM&Ts  
ICS WEARABLES EM&Ts  
NANOMATERIALS EM&Ts  
WOOD-BASED EM&Ts

EM&Ts are the leading edge in several sectors and are one of the key-elements through which industries stimulate innovation processes and foster creativity. The landscape of EM&Ts requires new interdisciplinary approaches in education, industry and business. The diversity and speed of change in the landscape of EM&Ts provides great opportunity for an open innovation approach in which knowledge intensive companies and universities play a critical role in realising the potential economic benefits.

More information?

Check this document collecting the training contents and teaching methods for specific EM&T areas here:



Check the Guidelines for cooperation between Academia and Industries of specific EM&T areas here:



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**BioLeathur**  
Advanced Growing EM&Ts Toolkit

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A design-driven approach for the knowledge transfer of Emerging Materials and Technologies (EM&Ts)

**BioLeathur**

Datemats project aims to transfer and implement a unique design-led teaching method for students with a mixed background (design and engineering) in the field of Emerging Materials and Technologies (EM&Ts), and to boost knowledge and technology transfers from academia and research centres to industry in a designerly way, developing new guidelines and approach.

This toolkit is part of this unique teaching method and contains an inspirational set of materials for showcasing a collection of tangible samples of 4 EM&Ts areas to be discovered, used and applied by you. It is important to stress that the samples shown are merely representative and not exhaustive, and that there are much more EM&Ts than the ones here featured.